CONTENTS

PART 2c
VITAL STATISTICS ICD-10 ACME DECISION TABLES
For
CLASSIFYING UNDERLYING CAUSES OF DEATH, 2005

SECTION I - <u>INTRODUCTION</u>

This manual contains the decision tables used by the ICD-10 ACME system to assign the underlying causes of death within the framework of the rules and instructions contained in the <u>Vital Statistics Instructions For Classifying the Underlying Cause of Death,</u> <u>2005</u> (Part 2a). Corrections and refinements in the Decision Tables and/or in the ACME computer programs are incorporated at the beginning of each data year prior to processing of that year's data. Updating only annually maintains comparability throughout each data year of NCHS and State mortality medical data. Refining the accuracy of the tables at more frequent intervals is desirable from a coder's viewpoint, but data analysis considerations must take priority.

Major Revisions from Previous Manuals

1.   In each revision, all new additions/corrections are identified by an asterisk

2.   HIV: Effective 2005, R75, Laboratory evidence of Human Immunodeficiency Virus (HIV) will no longer combine with ill-defined and trivial conditions unless indexed in Volume 3. These entries have been removed from the Modification Table.

3.   Effective 2005, additional entries have been added as causing conditions classified to A811.

4.   Effective 2005, conditions classifiable to B20-B24 and R75 have been removed as causal conditions to D000-D489.

5.   In this edition, R75 has been added as a subaddress under all address codes that have a B24 as a subaddress.

6.   All the conditions that link with B24 have been added as subaddresses under R75 as IDDC.

Table A (Valid Codes for Multiple and Underlying Cause Coding) lists each ICD code that is valid for both multiple and underlying cause coding. Table B (Valid Codes for Multiple Cause Coding) lists each ICD code that is valid for multiple cause coding but invalid for underlying cause coding. Table C (Invalid Codes for Multiple and Underlying Cause Coding) lists each ICD code that is invalid for both multiple and underlying cause coding. Table D (Causal Relationship) shows which pairs of multiple cause codes constitute acceptable causal relationships (reported sequences). Table E (Modification) includes direct sequel, ill-defined conditions, senility, linkage, and specificity relationships. Table F contains the reason for every ambivalent entry in Table E. This is further guidance to help in the selection of the most appropriate underlying cause of death. Table G (Code Conversions) cites each special code generated for multiple cause coding and the underlying cause to which it converts. Table H (ICD-10 Trivial Conditions) lists the codes for conditions considered for coding purposes to be trivial (a condition unlikely itself to cause death).

These tables provide guidance on acceptable sequences, highly improbable sequences, and modifications in assigning underlying causes of death in compliance with the International Rules set forth in ICD-10. The tables are designed in accordance with the selection and modification rules contained in Part 2a and the rules for coding conditions contained in Part 2b of the Vital Statistics Instruction Manual series. When the decision tables are used in the process of assigning underlying causes of death, the applicable pair of conditions should be viewed within the framework of the basic coding principles in Part 2b. Otherwise, error in the underlying cause of death can result.

The decision tables have been tested and reviewed. Test results have established that the ACME system will produce the same underlying cause of death as that assigned in the manual coding process in approximately 99 percent of the cases. Nonetheless, there are certain considerations that must be taken into account in their use.

First, an undertaking that attempts to deal with such a mass body of data with an objective of making firm conclusions on each code relationship with each other code for each decision table will, by its very nature, contain some inconsistent entries and oversight. As these are detected through use of the ACME system, corrections will be made in subsequent issues of this manual.

Secondly, the tables provide decisions used by NCHS in applying selection and modification rules in arriving at underlying causes of death. These decisions are intended to provide guidance to coders and to further standardize the mortality medical classification process. The tables are not intended to convey any conclusive medical judgment or knowledge. It is recognized that many of these relationships involve conditions about which medical opinion is divided.

SECTION II - <u>GUIDANCE IN USE OF DECISION TABLES</u>

<u>Addresses and Subaddresses</u> - Tables D, E, and F contain address and subaddress codes. The address always consists of a single 3 - 5 digit code enclosed in dashes e.g. "--- G08 ---." The subaddress is given under the address code and may consist of a single code or a span of codes. Interpretation is as follows for subaddresses:

G10   is a single 3 digit code

I800-I809   includes any valid 4th digit contained in category I80

K20-K219   includes all valid codes contained in categories K20 thru K219

<u>Asterisk codes</u> – ICD-10 provides for the classification of certain diagnostic statements according to two different axes - etiology or underlying disease process and manifestation or complication. Thus, there are two codes for those diagnostic statements subject to dual classification. The etiology or underlying disease process codes are marked with a dagger (H), and the manifestation or complication codes are marked with an asterisk (*) following the code in ICD-10. NCHS does not use the asterisk codes in multiple cause coding.

The asterisk codes have not been used for underlying cause coding; they are therefore not in the decision tables. It is noted that certain codes in ICD-10 can be regarded as asterisk or dagger codes depending on the inclusion term being referenced. When such codes are contained in the decision tables they are defined as dagger codes.

<u>Created ICD-10 Categories</u> - In ICD-10 a number of categories contain inclusion terms which are dissimilar in terms of how they causally relate to or combine with other categories. This dissimilarity in effect dictates that the causal relationship must be designated as having an ambivalent ("maybe") relationship in the ACME decision tables. As a result, the ACME underlying cause of death assignment for such cases is conditional in nature and must be reviewed by a nosologist. A number of the affected categories are relatively high in frequency and; therefore, reduce systems throughput capability of the automated assignment. NCHS has chosen to eliminate ambivalent systems rejects for 29 high frequency ICD categories by modifying the inclusion terms which are assigned to such categories. This has been accomplished by removing certain inclusion terms from an existing category and creating an artificial category not currently used by the ICD for those terms. This isolates the affected terms into separate categories so causal and modification relationships can be specifically stated as "yes" or "no." The resultant set of special codes thus includes existing ICD-10 codes, in which inclusion terms have been modified, and newly defined artificial codes not currently in ICD-10.

Prior to using Decision Tables D and E, any term indexed to one of the ICD categories being modified must be recoded to its corresponding special category. All table entries (address, subaddress, and recodes) in both tables employ these special codes in lieu of the regular ICD codes. When the final underlying cause is one of the special artificial codes, that underlying cause must be converted back to its regular ICD category (see Section VII, Table G).

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The following list includes each original ICD category which has been modified, the corresponding special code which was used in the decision tables, and the definition of the special code. In general, for the special codes already in ICD-10, the definition merely cites the extent to which the category is being modified (usually with an "excludes" statement). For created codes, the definition cites the contents of the artificial category.

A169   Respiratory tuberculous unspecified
     Excludes: Any term indexed in ICD-10 to A169 not qualified as respiratory or pulmonary (A1690)
     *A1690   Tuberculosis NOS
         Includes: Any term indexed in ICD-10 to A169 not qualified as respiratory or pulmonary

E039   Hypothyroidism, unspecified
     Excludes: Any term indexed to E039 qualified as advanced, grave, severe, or with a similar qualifier (E0390)
     *E0390   Advanced hypothyroidism
         Grave hypothyroidism
         Severe hypothyroidism
         Includes: Any term indexed to E039 qualified as advanced, grave, severe, or with a similar qualifier

G122   Motor neuron disease
     Excludes: Any term indexed to G122 qualified as advanced, grave, severe, or with a similar qualifier (G1220)
     *G1220   Advanced motor neuron disease
         Grave motor neuron disease
         Severe motor neuron disease
         Includes: Any term indexed to G122 qualified as advanced, grave, severe, or with a similar qualifier

G20   Parkinson's disease
     Excludes: Any term indexed to G20 qualified as advanced, grave, severe, or with a similar qualifier (G2000)
     *G2000   Advanced Parkinson's disease
         Grave Parkinson's disease
         Severe Parkinson's disease
         Includes: Any term indexed to G20 qualified as advanced, grave, severe, or with a similar qualifier

G309   Alzheimer's disease, unspecified
        Excludes: Any term indexed to G309 qualified as advance, grave, severe, or with a
                       similar qualifier (G3090)
        *G3090   Advance Alzheimer's disease
                 Severe Alzheimer's disease
                 Includes: Any term indexed to G35 qualified as advanced, grave, severe,
                               or with a similar qualifier

G35   Multiple sclerosis
        Excludes: Any term indexed to G35 qualified as advanced, grave, severe, or
                       with a similar qualifier (G3500)
        *G3500   Advanced multiple sclerosis
                 Grave multiple sclerosis
                 Severe multiple sclerosis
                 Includes: Any term indexed to G35 qualified as advanced, grave, severe,
                               or with a similar qualifier

I420   Dilated cardiomyopathy
        Excludes: Any term indexed to I420 qualified as familial, idiopathic,
                       or primary (I4200)
        *I4200   Familial dilated cardiomyopathy
                 Idiopathic dilated cardiomyopathy
                 Primary dilated cardiomyopathy
                 Includes: Any term indexed to I420 qualified as familial,
                               idiopathic, or primary

I421   Obstructive hypertrophic cardiomyopathy
        Excludes: Any term indexed to I421 qualified as familial, idiopathic,
                       or primary (I4210)
        *I4210   Familial obstructive hypertrophic cardiomyopathy
                 Idiopathic obstructive hypertrophic cardiomyopathy
                 Primary obstructive hypertrophic cardiomyopathy
                 Includes: Any term indexed to I421 qualified as familial,
                               idiopathic, or primary

I422   Other hypertrophic cardiomyopathy
        Excludes: Any term indexed to I422 qualified as familial, idiopathic,
                       or primary (I4220)
        *I4220   Familial other hypertrophic cardiomyopathy
                 Idiopathic other hypertrophic cardiomyopathy
                 Primary other hypertrophic cardiomyopathy
                 Includes: Any term indexed to I422 qualified as familial,
                               idiopathic, or primary

I425 Other restrictive cardiomyopathy
Excludes: Any term indexed to I425 qualified as familial, idiopathic,
or primary (I4250)
*I4250 Familial other restrictive cardiomyopathy
Idiopathic other restrictive cardiomyopathy
Primary other restrictive cardiomyopathy
Includes: Any term indexed to I425 qualified as familial,
idiopathic, or primary

I428 Other cardiomyopathies
Excludes: Any term indexed to I428 qualified as familial, idiopathic,
or primary (I4280)
*I4280 Familial other cardiomyopathies
Idiopathic other cardiomyopathies
Primary other cardiomyopathies
Includes: Any term indexed to I428 qualified as familial,
idiopathic, or primary

I429 Cardiomyopathy, unspecified
Excludes: Any term indexed to I429 qualified as familial, idiopathic,
or primary (I4290)
*I4290 Familial cardiomyopathy
Idiopathic cardiomyopathy
Primary cardiomyopathy
Includes: Any term indexed to I429 qualified as familial,
idiopathic, or primary

I500 Congestive heart failure
Excludes: Any term indexed to I500 qualified as advanced, grave, severe, or with a
similar qualifier (I5000)
*I5000 Advanced congestive heart failure
Grave congestive heart failure
Severe congestive heart failure
Includes: Any term indexed to I500 qualified as advanced, grave, severe,
or with a similar qualifier

I514 Myocarditis, unspecified
Excludes: Any term indexed in ICD-10 to I514 when qualified as
arteriosclerotic (I5140)
*I5140 Arteriosclerotic myocarditis
Includes: Any term indexed in ICD-10 to I514 when qualified as
arteriosclerotic

I515   Myocardial degeneration
          Excludes: Any term indexed in ICD-10 to I515 when qualified as
                        arteriosclerotic (I5150)
          *I5150   Arteriosclerotic myocardial degeneration
                     Includes: Any term indexed in ICD-10 to I515 when qualified as
                                   arteriosclerotic

I600   Subarachnoid hemorrhage from carotid siphon and bifurcation
          Excludes: Ruptured carotid aneurysm (into brain) (I6000)
          *I6000   Ruptured carotid aneurysm (into brain)

I606   Subarachnoid hemorrhage from other intracranial arteries
          Excludes: Ruptured aneurysm (congenital) circle of Willis (I6060)
          *I6060   Ruptured aneurysm (congenital) circle of Willis (I6060)

I607   Subarachnoid hemorrhage from intracranial artery, unspecified
          Excludes: Rupture berry aneurysm (congenital) brain (I6070)
                        Rupture miliary aneurysm (I6070)
          *I6070   Rupture berry aneurysm (congenital) brain
                     Rupture miliary aneurysm

I608   Other subarachnoid hemorrhage
          Excludes: Ruptured aneurysm brain meninges (I6080)
                        Ruptured arteriovenous aneurysm cavernous sinus (I6080)
                        Ruptured (congenital) arteriovenous aneurysm cavernous sinus (I6080)
          *I6080   Ruptured aneurysm brain meninges
                     Ruptured arteriovenous aneurysm (congenital) brain
                     Ruptured (congenital) arteriovenous aneurysm cavernous sinus

I609   Subarachnoid hemorrhage, unspecified
          Excludes: Ruptured arteriosclerotic cerebral aneurysm (I6090)
                        Ruptured (congenital) cerebral aneurysm NOS (I6090)
                        Ruptured mycotic brain aneurysm (I6090)
          *I6090   Ruptured arteriosclerotic cerebral aneurysm
                     Ruptured (congenital) cerebral aneurysm NOS
                     Ruptured mycotic brain aneurysm

J101   Influenza with other respiratory manifestations, influenza virus identified
          Excludes: Influenza, flu, grippe (viral), influenza virus identified (without specified
                        manifestations) (J1010)
          *J1010   Influenza, flu, grippe (viral), influenza virus identified (without specified
                     manifestations)

J111   Influenza with other respiratory manifestations, virus not identified
         Excludes: Influenza, flu, grippe (viral), influenza virus not identified (without specified
                    manifestations) (J1110)
         *J1110   Influenza, flu, grippe (viral), influenza virus not identified (without specified
                    manifestations)

J841   Other interstitial pulmonary diseases with fibrosis
         Excludes: Chronic pneumonia, not elsewhere classified
         *J8410   Chronic pneumonia NOS, not elsewhere classified

J849   Interstitial pulmonary disease, unspecified
         Excludes: Interstitial pneumonia, not elsewhere classified
         *J8490   Interstitial pneumonia, not elsewhere classified

J984   Other disorders of lung
         Excludes: Lung disease (acute) (chronic) NOS (J9840)
         *J9840   Lung disease (acute) (chronic) NOS

K319   Disease of stomach and duodenum, unspecified
         Excludes: Disease stomach NOS (K3190)
                    Lesion, stomach NOS (K3190)
         *K3190   Disease, stomach NOS
                    Lesion, stomach NOS

K550   Acute vascular disorders of intestine
         Excludes: Any term indexed in ICD-10 to K550 when qualified as embolic (K5500)
         *K5500   Acute embolic vascular disorders of intestine
         Includes: Any term indexed in ICD-10 to K550 when qualified as embolic

K631   Perforation of intestine (nontraumatic)
         Excludes: Intestinal penetration, unspecified part (K6310)
                    Intestinal perforation, unspecified part (K6310)
                    Intestinal rupture, unspecified part (K6310)
         *K6310   Intestinal penetration, unspecified part
                    Intestinal perforation unspecified part
                    Intestinal rupture, unspecified part

K720   Acute and subacute hepatic failure
         Excludes: Acute hepatic failure (K7200)
         *K7200   Acute hepatic failure

K721   Chronic hepatic failure
       Excludes: Chronic hepatic failure (K7210)
       *K7210   Chronic hepatic failure

K729   Hepatic failure, unspecified
       Excludes: Hepatic failure (K7290)
       *K7290   Hepatic failure

M199   Arthrosis, unspecified
       Excludes: Any term indexed to M199 qualified as advanced, grave, severe or with a
                     qualifier (M1990)
       *M1990   Advanced arthrosis
                Grave arthrosis
                Severe arthrosis
                Includes: Any term indexed to M199 qualified as advanced, grave, severe
                     or with a similar qualifier

Q278   Other specified congenital malformations of peripheral vascular system
       Excludes: Congenital aneurysm (peripheral) (Q2780)
       *Q2780   Congenital aneurysm (peripheral)

Q282   Arteriovenous malformation of cerebral vessels
       Excludes: Congenital arteriovenous cerebral aneurysm (nonruptured) (Q2820)
       *Q2820   Congenital arteriovenous cerebral aneurysm (nonruptured)

Q283   Other malformations of cerebral vessels
       Excludes: Congenital cerebral aneurysm (nonruptured) (Q2830)
       *Q2830   Congenital cerebral aneurysm (nonruptured)

R58   Hemorrhage, not elsewhere classified
       Excludes: Hemorrhage of unspecified site (R5800)
       *R5800   Hemorrhage of unspecified site

R99   Other ill-defined and unspecified causes of mortality
       Excludes: Cause unknown (R97)
       *R97   Cause unknown

SECTION III - <u>DESCRIPTION AND USE OF TABLES A - C</u>

Not all codes in ICD-10 are used for mortality medical coding. Table A lists in numerical order the ICD-10 codes which are valid for both underlying cause and multiple cause coding. Table B gives in numerical order the code numbers which are valid for multiple cause only. The two sets are different because (1) injury and poisoning codes are valid only for multiple cause coding, (2) special artificial codes are used only for multiple cause coding, and (3) certain other codes are defined for multiple cause coding use only (including postprocedural disorders). Created codes are discussed in Section II. More information on the valid code sets and their derivation can be found in Parts 2a, 2b, and 11 of this Vital Statistics Instruction Manual series. ACME uses Table A - C to assure that all multiple cause codes are valid prior to attempting assignment of an underlying cause of death. Table A validates the final underlying cause assignment.

SECTION IV - <u>DESCRIPTION AND USE OF TABLE D</u>

This table is referred to as the Causal Relationship Table. The codes in the table show when two conditions constitute an acceptable causal relationship (reported sequence). This table is used in the application of three of the selection rules: General Principle, Selection Rule 1 and Selection Rule 2.

The <u>address code</u> represents the condition on an upper line in Part I of each relationship of the two codes under question. <u>Subaddress codes</u> identify the conditions which can give rise to the condition classifiable to the address code. All subaddress codes (except an ambivalent relationship discussed below) recorded under an address code are in an acceptable causal relationship to the address code. All valid codes not recorded under the address code (i.e. either as an acceptable causal relationship or as an ambivalent relationship) are in an unacceptable causal relationship. In other words, the missing codes cannot cause the address code.

For some subaddresses, not all inclusion terms of the code (or code span) can cause the inclusions in the address code; and/or some but not all inclusions in the address can be due to the inclusions of the subaddress. Where such ambivalent causal relationships exist between the address and the subaddress, the subaddress code is flagged with an "M" (maybe).

If in processing a record the ACME system encounters a relationship(s) which is a "maybe" in the tables, the system assumes the relationship(s) to be acceptable and assigns an underlying cause on that basis. However, the record is listed for nosological review and correction in case the relationship is unacceptable.

In order to minimize the core storage requirement of the decision tables on the computer, those codes which are highly infrequent in mortality coding have not been "addressed" in Table D. Accordingly, the user will note that certain codes in Table A cannot be found as address codes in Table D. If, in processing a record, the ACME system encounters one of these codes as an address, the record is listed for manual underlying cause coding.

SECTION V - <u>DESCRIPTION AND USE OF TABLE E</u>

This table is referred to as the Modification Table. It includes direct sequel relationships (Selection Rule 3), senility and ill-defined conditions (Rule A), linkages (Rule C), and specificity (Rule D). For purposes of ACME selection, Rules E and F are integrated into the above decision tables and/or are handled at the multiple cause coding stage. Rule B (trivial conditions) is discussed in Section VII.

The <u>address code</u> in Table E is the <u>tentative underlying cause</u>. In the process of classifying the conditions on a certificate, the first tentative underlying cause is the underlying cause selected through the use of General Principle, Rule 1, or Rule 2. This may be modified one or more times through use of Selection Rule 3 and the modification rules.

In the process of modification, the <u>subaddress codes</u> identify conditions which either combine with the tentative underlying cause to create a third code or are preferred over the tentative underlying cause. In both cases, the new code (preference or combination code) becomes the new address code. This process of modification (or modification and reselection) may be repeated several times before the final underlying cause is assigned.

The symbol "M" is also used in this table to denote ambivalent ("maybe") relationships. Ambivalents in this table are processed in the same manner as those in Table D.

The symbol "#" is used in this table to denote that special considerations are required in the application of Rule C (linkage).

(1) In order to apply Rule C to categories C000-C969 (malignant neoplasms), the address and subaddress must be reported together in Part I or together in Part II. However, for certain categories, the address may be reported in Part I and the subaddress in Part II or vice versa. These exceptions are flagged with the "#" in Table E.

(2) In applying Rule C to categories F03, F09, and F29, certain subaddresses must be reported on the same line with the address in order to be selected by Rule C. The subaddresses are flagged with the "#" in Table E.

The following abbreviations precede each code relationship to designate the applicable table:

DS: When the tentative underlying cause is considered a direct sequel of another condition on the certificate in Part I (must be on same or lower line as tentative underlying cause) or Part II, and the code for the other condition is preferred over the code for the tentative underlying cause.

DSC: When the tentative underlying cause is considered a direct sequel of another condition on the certificate in Part I (must be on same or lower line as tentative underlying cause) or Part II, and the codes for the tentative underlying cause and the other condition combine into a third code.

IDDC: When the tentative underlying cause is an ill-defined condition in the due to position to another condition, and the codes for the tentative underlying cause and the other condition combine into a third code.

SENMC: When the tentative underlying cause is senility (R54), and is reported with mention of another condition on the certificate, and the codes for the tentative underlying cause and the other condition combine into a third code.

SENDC: When the tentative underlying cause is senility (R54) and is reported in a due to position to another condition, and the codes for the tentative underlying cause and the other condition combine into a third code.

LMP: When the tentative underlying cause is reported with mention of another condition, in Part I or Part II of the certificate, and the code for the other condition is preferred over the code for the tentative underlying cause.

LMC: When the tentative underlying cause is reported with mention of another condition, in Part I or Part II of the certificate, and the codes for the tentative underlying cause and the other condition combine into a third code.

LDP: When the tentative underlying cause is reported in the due to position to another condition, and the code for the other condition is preferred over the code for the tentative underlying cause.

LDC: When the tentative underlying cause is reported in the due to position to another condition and the codes for the tentative underlying cause and the other condition combine into a third code.

SMP: When the tentative underlying cause describes a condition in general terms, and a condition which provides more precise information about the site or nature of this condition is reported anywhere on the certificate, and the code for the more precise condition is preferred over the code for the tentative underlying cause.

SMC: When the tentative underlying cause describes a condition in general terms, and a condition which provides more precise information about the site or nature of this condition is reported anywhere on the certificate, and the codes for the tentative underlying cause and the other condition combine into a third code.

SDC: When the tentative underlying cause is reported in the due to position to another condition, and can be regarded as an adjective modifying this condition, and the codes for the tentative underlying cause and the other conditions combine into a third code.

SECTION VI - <u>DESCRIPTION AND USE OF TABLE F</u>

Table F contains an explanation for most ambivalent entry in Table E (modification rules). This provides further guidance in the selection of the most appropriate underlying cause of death. Ambivalent entries in Table E are identified with an "M." If the conditions given in Table F are met, the code or the combined code is then selected to be used as the underlying cause of death. This selected code or combination code can be further modified as well. (Reasons are not included for some of the direct sequel relationships).

SECTION VII - <u>DESCRIPTION AND USE OF TABLE G</u>

Table G contains the list of created ICD-10 categories. If one of these codes is assigned as the underlying cause of death, ACME converts the special code back to its complementary ICD category for purposes of final underlying cause of death assignment. In each case, only the underlying cause of death is converted; the multiple cause codes are not modified by ACME. Table G lists these code conversions.

SECTION VIII - <u>DESCRIPTION AND USE OF TABLE H</u>

This table contains the list of codes representing conditions considered to be trivial in assigning the underlying cause of death. If a selected underlying cause is on this list, the ACME system applies Rule B to establish the appropriate course of action which may involve selecting a non-trivial condition as the underlying cause of death. See Part 2a for specific guidance on trivial conditions.

A000	A09	A251	A409	A529	A740	A888	B053	B24
A001	A162	A259	A410	A530	A748	A89	B054	B250
A009	A163	A260	A411	A539	A749	A90	B058	B251
A010	A164	A267	A412	A540	A750	A91	B059	B252
A011	A165	A268	A413	A541	A751	A920	B060	B258
A012	A167	A269	A414	A542	A752	A921	B068	B259
A013	A168	A270	A415	A543	A753	A922	B069	B260
A014	A169	A278	A418	A544	A759	A923	B07	B261
A020	A170	A279	A419	A545	A770	A924	B080	B262
A021	A171	A280	A420	A546	A771	A928	B081	B263
A022	A178	A281	A421	A548	A772	A929	B082	B268
A028	A179	A282	A422	A549	A773	A930	B083	B269
A029	A180	A288	A427	A55	A778	A931	B084	B270
A030	A181	A289	A428	A560	A779	A932	B085	B271
A031	A182	A300	A429	A561	A78	A938	B088	B278
A032	A183	A301	A430	A562	A790	A94	B09	B279
A033	A184	A302	A431	A563	A791	A950	B150	B300
A038	A185	A303	A438	A564	A798	A951	B159	B301
A039	A186	A304	A439	A568	A799	A959	B160	B302
A040	A187	A305	A440	A57	A800	A960	B161	B303
A041	A188	A308	A441	A58	A801	A961	B162	B308
A042	A190	A309	A448	A590	A802	A962	B169	B309
A043	A191	A310	A449	A598	A803	A968	B170	B330
A044	A192	A311	A46	A599	A804	A969	B171	B331
A045	A198	A318	A480	A600	A809	A980	B172	B332
A046	A199	A319	A481	A601	A810	A981	B178	B333
A047	A200	A320	A482	A609	A811	A982	B180	B338
A048	A201	A321	A483	A630	A812	A983	B181	B340
A049	A202	A327	A484	A638	A818	A984	B182	B341
A050	A203	A328	A488	A64	A819	A985	B188	B342
A051	A207	A329	A490	A65	A820	A988	B189	B343
A052	A208	A33	A491	A660	A821	A99	B190	B344
A053	A209	A34	A492	A661	A829	B000	B199	B348
A054	A210	A35	A493	A662	A830	B001	B200	B349
A058	A211	A360	A498	A663	A831	B002	B201	B350
A059	A212	A361	A499	A664	A832	B003	B202	B351
A060	A213	A362	A500	A665	A833	B004	B203	B352
A061	A217	A363	A501	A666	A834	B005	B204	B353
A062	A218	A368	A502	A667	A835	B007	B205	B354
A063	A219	A369	A503	A668	A836	B008	B206	B355
A064	A220	A370	A504	A669	A838	B009	B207	B356
A065	A221	A371	A505	A670	A839	B010	B208	B358
A066	A222	A378	A506	A671	A840	B011	B209	B359
A067	A227	A379	A507	A672	A841	B012	B210	B360
A068	A228	A38	A509	A673	A848	B018	B211	B361
A069	A229	A390	A510	A679	A849	B019	B212	B362
A070	A230	A391	A511	A680	A850	B020	B213	B363
A071	A231	A392	A512	A681	A851	B021	B217	B368
A072	A232	A393	A513	A689	A852	B022	B218	B369
A073	A233	A394	A514	A690	A858	B023	B219	B370
A078	A238	A395	A515	A691	A86	B027	B220	B371
A079	A239	A398	A519	A692	A870	B028	B221	B372
A080	A240	A399	A520	A698	A871	B029	B222	B373
A081	A241	A400	A521	A699	A872	B03	B227	B374
A082	A242	A401	A522	A70	A878	B04	B230	B375
A083	A243	A402	A523	A710	A879	B050	B231	B376
A084	A244	A403	A527	A711	A880	B051	B232	B377
A085	A250	A408	A528	A719	A881	B052	B238	B378

B379	B470	B663	B829	C030	C162	C313	C449	C548
B380	B471	B664	B830	C031	C163	C318	C450	C549
B381	B479	B665	B831	C039	C164	C319	C451	C55
B382	B480	B668	B832	C040	C165	C320	C452	C56
B383	B481	B669	B833	C041	C166	C321	C457	C570
B384	B482	B670	B834	C048	C168	C322	C459	C571
B387	B483	B671	B838	C049	C169	C323	C460	C572
B388	B484	B672	B839	C050	C170	C328	C461	C573
B389	B487	B673	B850	C051	C171	C329	C462	C574
B390	B488	B674	B851	C052	C172	C33	C463	C577
B391	B49	B675	B852	C058	C173	C340	C467	C578
B392	B500	B676	B853	C059	C178	C341	C468	C579
B393	B508	B677	B854	C060	C179	C342	C469	C58
B394	B509	B678	B86	C061	C180	C343	C470	C600
B395	B510	B679	B870	C062	C181	C348	C471	C601
B399	B518	B680	B871	C068	C182	C349	C472	C602
B400	B519	B681	B872	C069	C183	C37	C473	C608
B401	B520	B689	B873	C07	C184	C380	C474	C609
B402	B528	B690	B874	C080	C185	C381	C475	C61
B403	B529	B691	B878	C081	C186	C382	C476	C620
B407	B530	B698	B879	C088	C187	C383	C478	C621
B408	B531	B699	B880	C089	C188	C384	C479	C629
B409	B538	B700	B881	C090	C189	C388	C480	C630
B410	B54	B701	B882	C091	C19	C390	C481	C631
B417	B550	B710	B883	C098	C20	C398	C482	C632
B418	B551	B711	B888	C099	C210	C399	C488	C637
B419	B552	B718	B889	C100	C211	C400	C490	C638
B420	B559	B719	B89	C101	C212	C401	C491	C639
B421	B560	B72	B900	C102	C218	C402	C492	C64
B427	B561	B73	B901	C103	C220	C403	C493	C65
B428	B569	B740	B902	C104	C221	C408	C494	C66
B429	B570	B741	B908	C108	C222	C409	C495	C670
B430	B571	B742	B909	C109	C223	C410	C496	C671
B431	B572	B743	B91	C110	C224	C411	C498	C672
B432	B573	B744	B92	C111	C227	C412	C499	C673
B438	B574	B748	B940	C112	C229	C413	C500	C674
B439	B575	B749	B941	C113	C23	C414	C501	C675
B440	B580	B75	B942	C118	C240	C418	C502	C676
B441	B581	B760	B948	C119	C241	C419	C503	C677
B442	B582	B761	B949	C12	C248	C430	C504	C678
B447	B583	B768	B99	C130	C249	C431	C505	C679
B448	B588	B769	C000	C131	C250	C432	C506	C680
B449	B589	B770	C001	C132	C251	C433	C508	C681
B450	B59	B778	C002	C138	C252	C434	C509	C688
B451	B600	B779	C003	C139	C253	C435	C510	C689
B452	B601	B780	C004	C140	C254	C436	C511	C690
B453	B602	B781	C005	C142	C257	C437	C512	C691
B457	B608	B787	C006	C148	C258	C438	C518	C692
B458	B64	B789	C008	C150	C259	C439	C519	C693
B459	B650	B79	C009	C151	C260	C440	C52	C694
B460	B651	B80	C01	C152	C261	C441	C530	C695
B461	B652	B810	C020	C153	C268	C442	C531	C696
B462	B653	B811	C021	C154	C269	C443	C538	C698
B463	B658	B812	C022	C155	C300	C444	C539	C699
B464	B659	B813	C023	C158	C301	C445	C540	C700
B465	B660	B814	C024	C159	C310	C446	C541	C701
B468	B661	B818	C028	C160	C311	C447	C542	C709
B469	B662	B820	C029	C161	C312	C448	C543	C710

C711	C794	C924	D044	D140	D234	D355	D447	D570
C712	C795	C925	D045	D141	D235	D356	D448	D571
C713	C796	C927	D046	D142	D236	D357	D449	D572
C714	C797	C929	D047	D143	D237	D358	D45	D573
C715	C798	C930	D048	D144	D239	D359	D460	D578
C716	C80	C931	D049	D150	D24	D360	D461	D580
C717	C810	C932	D050	D151	D250	D361	D462	D581
C718	C811	C937	D051	D152	D251	D367	D463	D582
C719	C812	C939	D057	D157	D252	D369	D464	D588
C720	C813	C940	D059	D159	D259	D370	D467	D589
C721	C817	C941	D060	D160	D260	D371	D469	D590
C722	C819	C942	D061	D161	D261	D372	D470	D591
C723	C820	C943	D067	D162	D267	D373	D471	D592
C724	C821	C944	D069	D163	D269	D374	D472	D593
C725	C822	C945	D070	D164	D27	D375	D473	D594
C728	C827	C947	D071	D165	D280	D376	D477	D595
C729	C829	C950	D072	D166	D281	D377	D479	D596
C73	C830	C951	D073	D167	D282	D379	D480	D598
C740	C831	C952	D074	D168	D287	D380	D481	D599
C741	C832	C957	D075	D169	D289	D381	D482	D600
C749	C833	C959	D076	D170	D290	D382	D483	D601
C750	C834	C960	D090	D171	D291	D383	D484	D608
C751	C835	C961	D091	D172	D292	D384	D485	D609
C752	C836	C962	D092	D173	D293	D385	D486	D610
C753	C837	C963	D093	D174	D294	D386	D487	D611
C754	C838	C967	D097	D175	D297	D390	D489	D612
C755	C839	C969	D099	D176	D299	D391	D500	D613
C758	C840	C97	D100	D177	D300	D392	D501	D618
C759	C841	D000	D101	D179	D301	D397	D508	D619
C760	C842	D001	D102	D180	D302	D399	D509	D62
C761	C843	D002	D103	D181	D303	D400	D510	D640
C762	C844	D010	D104	D190	D304	D401	D511	D641
C763	C845	D011	D105	D191	D307	D407	D512	D642
C764	C850	D012	D106	D197	D309	D409	D513	D643
C765	C851	D013	D107	D199	D310	D410	D518	D644
C767	C857	D014	D109	D200	D311	D411	D519	D648
C768	C859	D015	D110	D201	D312	D412	D520	D649
C770	C880	D017	D117	D210	D313	D413	D521	D65
C771	C881	D019	D119	D211	D314	D414	D528	D66
C772	C882	D020	D120	D212	D315	D417	D529	D67
C773	C883	D021	D121	D213	D316	D419	D530	D680
C774	C887	D022	D122	D214	D319	D420	D531	D681
C775	C889	D023	D123	D215	D320	D421	D532	D682
C778	C900	D024	D124	D216	D321	D429	D538	D683
C779	C901	D030	D125	D219	D329	D430	D539	D684
C780	C902	D031	D126	D220	D330	D431	D550	D688
C781	C910	D032	D127	D221	D331	D432	D551	D689
C782	C911	D033	D128	D222	D332	D433	D552	D690
C783	C912	D034	D129	D223	D333	D434	D553	D691
C784	C913	D035	D130	D224	D334	D437	D558	D692
C785	C914	D036	D131	D225	D337	D439	D559	D693
C786	C915	D037	D132	D226	D339	D440	D560	D694
C787	C917	D038	D133	D227	D34	D441	D561	D695
C788	C919	D039	D134	D229	D350	D442	D562	D696
C790	C920	D040	D135	D230	D351	D443	D563	D698
C791	C921	D041	D136	D231	D352	D444	D564	D699
C792	C922	D042	D137	D232	D353	D445	D568	D70
C793	C923	D043	D139	D233	D354	D446	D569	D71

D720	D848	E104	E210	E321	E630	E760	E877	F123
D721	D849	E105	E211	E328	E631	E761	E878	F124
D728	D860	E106	E212	E329	E638	E762	E880	F125
D729	D861	E107	E213	E340	E639	E763	E881	F126
D730	D862	E108	E214	E341	E640	E768	E882	F127
D731	D863	E109	E215	E342	E641	E769	E888	F128
D732	D868	E110	E220	E343	E642	E770	E889	F129
D733	D869	E111	E221	E344	E643	E771	F010	F130
D734	D890	E112	E222	E345	E648	E778	F011	F131
D735	D891	E113	E228	E348	E649	E779	F012	F132
D738	D892	E114	E229	E349	E65	E780	F013	F133
D739	D898	E115	E230	E40	E660	E781	F018	F134
D740	D899	E116	E231	E41	E661	E782	F019	F135
D748	E000	E117	E232	E42	E662	E783	F03	F136
D749	E001	E118	E233	E43	E668	E784	F04	F137
D750	E002	E119	E236	E440	E669	E785	F050	F138
D751	E009	E120	E237	E441	E670	E786	F051	F139
D752	E010	E121	E240	E45	E671	E788	F058	F140
D758	E011	E122	E241	E46	E672	E789	F059	F141
D759	E012	E123	E242	E500	E673	E790	F060	F142
D760	E018	E124	E243	E501	E678	E791	F061	F143
D761	E02	E125	E244	E502	E68	E798	F062	F144
D762	E030	E126	E248	E503	E700	E799	F063	F145
D763	E031	E127	E249	E504	E701	E800	F064	F146
D800	E032	E128	E250	E505	E702	E801	F065	F147
D801	E033	E129	E258	E506	E703	E802	F066	F148
D802	E034	E130	E259	E507	E708	E803	F067	F149
D803	E035	E131	E260	E508	E709	E804	F068	F150
D804	E038	E132	E261	E509	E710	E805	F069	F151
D805	E039	E133	E268	E511	E711	E806	F070	F152
D806	E040	E134	E269	E512	E712	E807	F071	F153
D807	E041	E135	E270	E518	E713	E830	F072	F154
D808	E042	E136	E271	E519	E720	E831	F078	F155
D809	E048	E137	E272	E52	E721	E832	F079	F156
D810	E049	E138	E273	E530	E722	E833	F09	F157
D811	E050	E139	E274	E531	E723	E834	F100	F158
D812	E051	E140	E275	E538	E724	E835	F101	F159
D813	E052	E141	E278	E539	E725	E838	F102	F160
D814	E053	E142	E279	E54	E728	E839	F103	F161
D815	E054	E143	E280	E550	E729	E840	F104	F162
D816	E055	E144	E281	E559	E730	E841	F105	F163
D817	E058	E145	E282	E560	E731	E848	F106	F164
D818	E059	E146	E283	E561	E738	E849	F107	F165
D819	E060	E147	E288	E568	E739	E850	F108	F166
D820	E061	E148	E289	E569	E740	E851	F109	F167
D821	E062	E149	E290	E58	E741	E852	F110	F168
D822	E063	E15	E291	E59	E742	E853	F111	F169
D823	E064	E160	E298	E60	E743	E854	F112	F170
D824	E065	E161	E299	E610	E744	E858	F113	F171
D828	E069	E162	E300	E611	E748	E859	F114	F172
D829	E070	E163	E301	E612	E749	E86	F115	F173
D830	E071	E164	E308	E613	E750	E870	F116	F174
D831	E078	E168	E309	E614	E751	E871	F117	F175
D832	E079	E169	E310	E615	E752	E872	F118	F176
D838	E100	E200	E311	E616	E753	E873	F119	F177
D839	E101	E201	E318	E617	E754	E874	F120	F178
D840	E102	E208	E319	E618	E755	E875	F121	F179
D841	E103	E209	E320	E619	E756	E876	F122	F180

VALID CODES FOR MULTIPLE AND UNDERLYING CAUSE CODING

F181	F317	F453	F632	F901	G09	G371	G519	G709
F182	F318	F454	F633	F908	G10	G372	G520	G710
F183	F319	F458	F638	F909	G110	G373	G521	G711
F184	F320	F459	F639	F910	G111	G374	G522	G712
F185	F321	F480	F640	F911	G112	G375	G523	G713
F186	F322	F481	F641	F912	G113	G378	G527	G718
F187	F323	F488	F642	F913	G114	G379	G528	G719
F188	F328	F489	F648	F918	G118	G400	G529	G720
F189	F329	F500	F649	F919	G119	G401	G540	G721
F190	F330	F501	F650	F920	G120	G402	G541	G722
F191	F331	F502	F651	F928	G121	G403	G542	G723
F192	F332	F503	F652	F929	G122	G404	G543	G724
F193	F333	F504	F653	F930	G128	G405	G544	G728
F194	F334	F505	F654	F931	G129	G406	G545	G729
F195	F338	F508	F655	F932	G20	G407	G546	G800
F196	F339	F509	F656	F933	G210	G408	G547	G801
F197	F340	F510	F658	F938	G211	G409	G548	G802
F198	F341	F511	F659	F939	G212	G410	G549	G803
F199	F348	F512	F660	F940	G213	G411	G560	G804
F200	F349	F513	F661	F941	G218	G412	G561	G808
F201	F380	F514	F662	F942	G219	G418	G562	G809
F202	F381	F515	F668	F948	G230	G419	G563	G810
F203	F388	F518	F669	F949	G231	G430	G564	G811
F204	F39	F519	F680	F950	G232	G431	G568	G819
F205	F400	F520	F681	F951	G238	G432	G569	G820
F206	F401	F521	F688	F952	G239	G433	G570	G821
F208	F402	F522	F69	F958	G240	G438	G571	G822
F209	F408	F523	F70	F959	G241	G439	G572	G823
F21	F409	F524	F71	F980	G242	G440	G573	G824
F220	F410	F525	F72	F981	G243	G441	G574	G825
F228	F411	F526	F73	F982	G244	G442	G575	G830
F229	F412	F527	F78	F983	G245	G443	G576	G831
F230	F413	F528	F79	F984	G248	G444	G578	G832
F231	F418	F529	F800	F985	G249	G448	G579	G833
F232	F419	F530	F801	F986	G250	G450	G580	G834
F233	F420	F531	F802	F988	G251	G451	G587	G838
F238	F421	F538	F803	F989	G252	G452	G588	G839
F239	F422	F539	F808	F99	G253	G453	G589	G900
F24	F428	F54	F809	G000	G254	G454	G600	G901
F250	F429	F55	F810	G001	G255	G458	G601	G902
F251	F430	F59	F811	G002	G256	G459	G602	G903
F252	F431	F600	F812	G003	G258	G470	G603	G908
F258	F432	F601	F813	G008	G259	G471	G608	G909
F259	F438	F602	F818	G009	G300	G472	G609	G910
F28	F439	F603	F819	G030	G301	G473	G610	G911
F29	F440	F604	F82	G031	G308	G474	G611	G912
F300	F441	F605	F83	G032	G309	G478	G618	G913
F301	F442	F606	F840	G038	G310	G479	G619	G918
F302	F443	F607	F841	G039	G311	G500	G620	G919
F308	F444	F608	F842	G040	G312	G501	G621	G92
F309	F445	F609	F843	G041	G318	G508	G622	G930
F310	F446	F61	F844	G042	G319	G509	G628	G931
F311	F447	F620	F845	G048	G35	G510	G629	G932
F312	F448	F621	F848	G049	G360	G511	G64	G933
F313	F449	F628	F849	G060	G361	G512	G700	G934
F314	F450	F629	F88	G061	G368	G513	G701	G935
F315	F451	F630	F89	G062	G369	G514	G702	G936
F316	F452	F631	F900	G08	G370	G518	G708	G937

G938	H118	H302	H471	H600	H810	I078	I289	I452
G939	H119	H308	H472	H601	H811	I079	I300	I453
G950	H150	H309	H473	H602	H812	I080	I301	I454
G951	H151	H310	H474	H603	H813	I081	I308	I455
G952	H158	H311	H475	H604	H814	I082	I309	I456
G958	H159	H312	H476	H605	H818	I083	I310	I458
G959	H160	H313	H477	H608	H819	I088	I311	I459
G960	H161	H314	H490	H609	H830	I089	I312	I460
G961	H162	H318	H491	H610	H831	I090	I313	I461
G968	H163	H319	H492	H611	H832	I091	I318	I469
G969	H164	H330	H493	H612	H833	I092	I319	I470
G98	H168	H331	H494	H613	H838	I098	I330	I471
H000	H169	H332	H498	H618	H839	I099	I339	I472
H001	H170	H333	H499	H619	H900	I10	I340	I479
H010	H171	H334	H500	H650	H901	I110	I341	I48
H011	H178	H335	H501	H651	H902	I119	I342	I490
H018	H179	H340	H502	H652	H903	I120	I348	I491
H019	H180	H341	H503	H653	H904	I129	I349	I492
H020	H181	H342	H504	H654	H905	I130	I350	I493
H021	H182	H348	H505	H659	H906	I131	I351	I494
H022	H183	H349	H506	H660	H907	I132	I352	I495
H023	H184	H350	H508	H661	H908	I139	I358	I498
H024	H185	H351	H509	H662	H910	I200	I359	I499
H025	H186	H352	H510	H663	H911	I201	I360	I500
H026	H187	H353	H511	H664	H912	I208	I361	I501
H027	H188	H354	H512	H669	H913	I209	I362	I509
H028	H189	H355	H518	H680	H918	I210	I368	I510
H029	H200	H356	H519	H681	H919	I211	I369	I511
H040	H201	H357	H520	H690	H920	I212	I370	I512
H041	H202	H358	H521	H698	H921	I213	I371	I513
H042	H208	H359	H522	H699	H922	I214	I372	I514
H043	H209	H400	H523	H700	H930	I219	I378	I515
H044	H210	H401	H524	H701	H931	I220	I379	I516
H045	H211	H402	H525	H702	H932	I221	I38	I517
H046	H212	H403	H526	H708	H933	I228	I400	I518
H048	H213	H404	H527	H709	H938	I229	I401	I519
H049	H214	H405	H530	H71	H939	I241	I408	I600
H050	H215	H406	H531	H720	I00	I248	I409	I601
H051	H218	H408	H532	H721	I010	I249	I420	I602
H052	H219	H409	H533	H722	I011	I250	I421	I603
H053	H250	H430	H534	H728	I012	I251	I422	I604
H054	H251	H431	H535	H729	I018	I252	I423	I605
H055	H252	H432	H536	H730	I019	I253	I424	I606
H058	H258	H433	H538	H731	I020	I254	I425	I607
H059	H259	H438	H539	H738	I029	I255	I426	I608
H100	H260	H439	H540	H739	I050	I256	I427	I609
H101	H261	H440	H541	H740	I051	I258	I428	I610
H102	H262	H441	H542	H741	I052	I259	I429	I611
H103	H263	H442	H543	H742	I058	I260	I440	I612
H104	H264	H443	H544	H743	I059	I269	I441	I613
H105	H268	H444	H545	H744	I060	I270	I442	I614
H108	H269	H445	H546	H748	I061	I271	I443	I615
H109	H270	H446	H547	H749	I062	I272	I444	I616
H110	H271	H447	H55	H800	I068	I278	I445	I618
H111	H278	H448	H570	H801	I069	I279	I446	I619
H112	H279	H449	H571	H802	I070	I280	I447	I620
H113	H300	H46	H578	H808	I071	I281	I450	I621
H114	H301	H470	H579	H809	I072	I288	I451	I629

TABLE A
VALID CODES FOR MULTIPLE AND UNDERLYING CAUSE CODING

I630	I749	I890	J181	J387	J684	K008	K090	K255
I631	I770	I891	J182	J390	J688	K009	K091	K256
I632	I771	I898	J188	J391	J689	K010	K092	K257
I633	I772	I899	J189	J392	J690	K011	K098	K259
I634	I773	I950	J200	J393	J691	K020	K099	K260
I635	I774	I951	J201	J398	J698	K021	K100	K261
I636	I775	I952	J202	J399	J700	K022	K101	K262
I638	I776	I958	J203	J40	J701	K023	K102	K263
I639	I778	I959	J204	J410	J702	K024	K103	K264
I64	I779	I99	J205	J411	J703	K028	K108	K265
I670	I780	J00	J206	J418	J704	K029	K109	K266
I671	I781	J010	J207	J42	J708	K030	K110	K267
I672	I788	J011	J208	J430	J709	K031	K111	K269
I673	I789	J012	J209	J431	J80	K032	K112	K270
I674	I800	J013	J210	J432	J81	K033	K113	K271
I675	I801	J014	J218	J438	J82	K034	K114	K272
I676	I802	J018	J219	J439	J840	K035	K115	K273
I677	I803	J019	J22	J440	J841	K036	K116	K274
I678	I808	J020	J300	J441	J848	K037	K117	K275
I679	I809	J028	J301	J448	J849	K038	K118	K276
I690	I81	J029	J302	J449	J850	K039	K119	K277
I691	I820	J030	J303	J450	J851	K040	K120	K279
I692	I821	J038	J304	J451	J852	K041	K121	K280
I693	I822	J039	J310	J458	J853	K042	K122	K281
I694	I823	J040	J311	J459	J860	K043	K130	K282
I698	I828	J041	J312	J46	J869	K044	K131	K283
I700	I829	J042	J320	J47	J90	K045	K132	K284
I701	I830	J050	J321	J60	J920	K046	K133	K285
I702	I831	J051	J322	J61	J929	K047	K134	K286
I708	I832	J060	J323	J620	J930	K048	K135	K287
I709	I839	J068	J324	J628	J931	K049	K136	K289
I710	I840	J069	J328	J630	J938	K050	K137	K290
I711	I841	J100	J329	J631	J939	K051	K140	K291
I712	I842	J101	J330	J632	J940	K052	K141	K292
I713	I843	J108	J331	J633	J941	K053	K142	K293
I714	I844	J110	J338	J634	J942	K054	K143	K294
I715	I845	J111	J339	J635	J948	K055	K144	K295
I716	I846	J118	J340	J638	J949	K056	K145	K296
I718	I847	J120	J341	J64	J960	K060	K146	K297
I719	I848	J121	J342	J65	J961	K061	K148	K298
I720	I849	J122	J343	J660	J969	K062	K149	K299
I721	I850	J128	J348	J661	J980	K068	K20	K30
I722	I859	J129	J350	J662	J981	K069	K210	K310
I723	I860	J13	J351	J668	J982	K070	K219	K311
I724	I861	J14	J352	J670	J983	K071	K220	K312
I728	I862	J150	J353	J671	J984	K072	K221	K313
I729	I863	J151	J358	J672	J985	K073	K222	K314
I730	I864	J152	J359	J673	J986	K074	K223	K315
I731	I868	J153	J36	J674	J988	K075	K224	K316
I738	I870	J154	J370	J675	J989	K076	K225	K317
I739	I871	J155	J371	J676	K000	K078	K226	K318
I740	I872	J156	J380	J677	K001	K079	K228	K319
I741	I878	J157	J381	J678	K002	K080	K229	K350
I742	I879	J158	J382	J679	K003	K081	K250	K351
I743	I880	J159	J383	J680	K004	K082	K251	K359
I744	I881	J160	J384	J681	K005	K083	K252	K36
I745	I888	J168	J385	J682	K006	K088	K253	K37
I748	I889	J180	J386	J683	K007	K089	K254	K380

K381	K564	K701	K820	L080	L254	L501	L639	L758
K382	K565	K702	K821	L081	L255	L502	L640	L759
K383	K566	K703	K822	L088	L258	L503	L648	L80
K388	K567	K704	K823	L089	L259	L504	L649	L810
K389	K570	K709	K824	L100	L26	L505	L650	L811
K400	K571	K710	K828	L101	L270	L506	L651	L812
K401	K572	K711	K829	L102	L271	L508	L652	L813
K402	K573	K712	K830	L103	L272	L509	L658	L814
K403	K574	K713	K831	L104	L278	L510	L659	L815
K404	K575	K714	K832	L105	L279	L511	L660	L816
K409	K578	K715	K833	L108	L280	L512	L661	L817
K410	K579	K716	K834	L109	L281	L518	L662	L818
K411	K580	K717	K835	L110	L282	L519	L663	L819
K412	K589	K718	K838	L111	L290	L52	L664	L82
K413	K590	K719	K839	L118	L291	L530	L668	L83
K414	K591	K720	K85	L119	L292	L531	L669	L84
K419	K592	K721	K860	L120	L293	L532	L670	L850
K420	K593	K729	K861	L121	L298	L533	L671	L851
K421	K594	K730	K862	L122	L299	L538	L678	L852
K429	K598	K731	K863	L123	L300	L539	L679	L853
K430	K599	K732	K868	L128	L301	L550	L680	L858
K431	K600	K738	K869	L129	L302	L551	L681	L859
K439	K601	K739	K900	L130	L303	L552	L682	L870
K440	K602	K740	K901	L131	L304	L558	L683	L871
K441	K603	K741	K902	L138	L305	L559	L688	L872
K449	K604	K742	K903	L139	L308	L560	L689	L878
K450	K605	K743	K904	L200	L309	L561	L700	L879
K451	K610	K744	K908	L208	L400	L562	L701	L88
K458	K611	K745	K909	L209	L401	L563	L702	L89
K460	K612	K746	K920	L210	L402	L564	L703	L900
K461	K613	K750	K921	L211	L403	L568	L704	L901
K469	K614	K751	K922	L218	L404	L569	L705	L902
K500	K620	K752	K928	L219	L405	L570	L708	L903
K501	K621	K753	K929	L22	L408	L571	L709	L904
K508	K622	K754	L00	L230	L409	L572	L710	L905
K509	K623	K758	L010	L231	L410	L573	L711	L906
K510	K624	K759	L011	L232	L411	L574	L718	L908
K511	K625	K760	L020	L233	L412	L575	L719	L909
K512	K626	K761	L021	L234	L413	L578	L720	L910
K513	K627	K762	L022	L235	L414	L579	L721	L918
K514	K628	K763	L023	L236	L415	L580	L722	L919
K515	K629	K764	L024	L237	L418	L581	L728	L920
K518	K630	K765	L028	L238	L419	L589	L729	L921
K519	K631	K766	L029	L239	L42	L590	L730	L922
K520	K632	K767	L030	L240	L430	L598	L731	L923
K521	K633	K768	L031	L241	L431	L599	L732	L928
K522	K634	K769	L032	L242	L432	L600	L738	L929
K528	K635	K800	L033	L243	L433	L601	L739	L930
K529	K638	K801	L038	L244	L438	L602	L740	L931
K550	K639	K802	L039	L245	L439	L603	L741	L932
K551	K650	K803	L040	L246	L440	L604	L742	L940
K552	K658	K804	L041	L247	L441	L605	L743	L941
K558	K659	K805	L042	L248	L442	L608	L744	L942
K559	K660	K808	L043	L249	L443	L609	L748	L943
K560	K661	K810	L048	L250	L444	L630	L749	L944
K561	K668	K811	L049	L251	L448	L631	L750	L945
K562	K669	K818	L050	L252	L449	L632	L751	L946
K563	K700	K819	L059	L253	L500	L638	L752	L948

L949	M121	M216	M330	M479	M650	M765	M854	M949
L950	M122	M217	M331	M480	M651	M766	M855	M950
L951	M123	M218	M332	M481	M652	M767	M856	M951
L958	M124	M219	M339	M482	M653	M768	M858	M952
L959	M125	M220	M340	M483	M654	M769	M859	M953
L97	M128	M221	M341	M484	M658	M770	M860	M954
L980	M130	M222	M342	M485	M659	M771	M861	M955
L981	M131	M223	M348	M488	M660	M772	M862	M958
L982	M138	M224	M349	M489	M661	M773	M863	M959
L983	M139	M228	M350	M500	M662	M774	M864	M990
L984	M150	M229	M351	M501	M663	M775	M865	M991
L985	M151	M230	M352	M502	M664	M778	M866	M992
L986	M152	M231	M353	M503	M665	M779	M868	M993
L988	M153	M232	M354	M508	M670	M790	M869	M994
L989	M154	M233	M355	M509	M671	M791	M870	M995
M000	M158	M234	M356	M510	M672	M792	M871	M996
M001	M159	M235	M357	M511	M673	M793	M872	M997
M002	M160	M236	M358	M512	M674	M794	M873	M998
M008	M161	M238	M359	M513	M678	M795	M878	M999
M009	M162	M239	M400	M514	M679	M796	M879	N000
M020	M163	M240	M401	M518	M700	M798	M880	N001
M021	M164	M241	M402	M519	M701	M799	M888	N002
M022	M165	M242	M403	M530	M702	M800	M889	N003
M023	M166	M243	M404	M531	M703	M801	M890	N004
M028	M167	M244	M405	M532	M704	M802	M891	N005
M029	M169	M245	M410	M533	M705	M803	M892	N006
M050	M170	M246	M411	M538	M706	M804	M893	N007
M051	M171	M247	M412	M539	M707	M805	M894	N008
M052	M172	M248	M413	M540	M708	M808	M895	N009
M053	M173	M249	M414	M541	M709	M809	M896	N010
M058	M174	M250	M415	M542	M710	M810	M898	N011
M059	M175	M251	M418	M543	M711	M811	M899	N012
M060	M179	M252	M419	M544	M712	M812	M910	N013
M061	M180	M253	M420	M545	M713	M813	M911	N014
M062	M181	M254	M421	M546	M714	M814	M912	N015
M063	M182	M255	M429	M548	M715	M815	M913	N016
M064	M183	M256	M430	M549	M718	M816	M918	N017
M068	M184	M257	M431	M600	M719	M818	M919	N018
M069	M185	M258	M432	M601	M720	M819	M920	N019
M080	M189	M259	M433	M602	M721	M830	M921	N020
M081	M190	M300	M434	M608	M722	M831	M922	N021
M082	M191	M301	M435	M609	M724	M832	M923	N022
M083	M192	M302	M436	M610	M726	M833	M924	N023
M084	M198	M303	M438	M611	M728	M834	M925	N024
M088	M199	M308	M439	M612	M729	M835	M926	N025
M089	M200	M310	M45	M613	M750	M838	M927	N026
M100	M201	M311	M460	M614	M751	M839	M928	N027
M101	M202	M312	M461	M615	M752	M840	M929	N028
M102	M203	M313	M462	M619	M753	M841	M930	N029
M103	M204	M314	M463	M620	M754	M842	M931	N030
M104	M205	M315	M464	M621	M755	M843	M932	N031
M109	M206	M316	M465	M622	M758	M844	M938	N032
M110	M210	M318	M468	M623	M759	M848	M939	N033
M111	M211	M319	M469	M624	M760	M849	M940	N034
M112	M212	M320	M470	M625	M761	M850	M941	N035
M118	M213	M321	M471	M626	M762	M851	M942	N036
M119	M214	M328	M472	M628	M763	M852	M943	N037
M120	M215	M329	M478	M629	M764	M853	M948	N038

N039	N141	N341	N508	N811	N894	N983	O073	O262
N040	N142	N342	N509	N812	N895	N988	O074	O263
N041	N143	N343	N600	N813	N896	N989	O075	O264
N042	N144	N350	N601	N814	N897	O000	O076	O265
N043	N150	N351	N602	N815	N898	O001	O077	O266
N044	N151	N358	N603	N816	N899	O002	O078	O267
N045	N158	N359	N604	N818	N900	O008	O079	O268
N046	N159	N360	N608	N819	N901	O009	O100	O269
N047	N170	N361	N609	N820	N902	O010	O101	O280
N048	N171	N362	N61	N821	N903	O011	O102	O281
N049	N172	N363	N62	N822	N904	O019	O103	O282
N050	N178	N368	N63	N823	N905	O020	O104	O283
N051	N179	N369	N640	N824	N906	O021	O109	O284
N052	N180	N390	N641	N825	N907	O028	O11	O285
N053	N188	N391	N642	N828	N908	O029	O120	O288
N054	N189	N392	N643	N829	N909	O030	O121	O289
N055	N19	N393	N644	N830	N910	O031	O122	O290
N056	N200	N394	N645	N831	N911	O032	O13	O291
N057	N201	N398	N648	N832	N912	O033	O140	O292
N058	N202	N399	N649	N833	N913	O034	O141	O293
N059	N209	N40	N700	N834	N914	O035	O149	O294
N060	N210	N410	N701	N835	N915	O036	O150	O295
N061	N211	N411	N709	N836	N920	O037	O151	O296
N062	N218	N412	N710	N837	N921	O038	O152	O298
N063	N219	N413	N711	N838	N922	O039	O159	O299
N064	N23	N418	N719	N839	N923	O040	O16	O300
N065	N250	N419	N72	N840	N924	O041	O200	O301
N066	N251	N420	N730	N841	N925	O042	O208	O302
N067	N258	N421	N731	N842	N926	O043	O209	O308
N068	N259	N422	N732	N843	N930	O044	O210	O309
N069	N26	N428	N733	N848	N938	O045	O211	O310
N070	N270	N429	N734	N849	N939	O046	O212	O311
N071	N271	N430	N735	N850	N940	O047	O218	O312
N072	N279	N431	N736	N851	N941	O048	O219	O318
N073	N280	N432	N738	N852	N942	O049	O220	O320
N074	N281	N433	N739	N853	N943	O050	O221	O321
N075	N288	N434	N750	N854	N944	O051	O222	O322
N076	N289	N44	N751	N855	N945	O052	O223	O323
N077	N300	N450	N758	N856	N946	O053	O224	O324
N078	N301	N459	N759	N857	N948	O054	O225	O325
N079	N302	N46	N760	N858	N949	O055	O228	O326
N10	N303	N47	N761	N859	N950	O056	O229	O328
N110	N304	N480	N762	N86	N951	O057	O230	O329
N111	N308	N481	N763	N870	N952	O058	O231	O330
N118	N309	N482	N764	N871	N953	O059	O232	O331
N119	N310	N483	N765	N872	N958	O060	O233	O332
N12	N311	N484	N766	N879	N959	O061	O234	O333
N130	N312	N485	N768	N880	N96	O062	O235	O334
N131	N318	N486	N800	N881	N970	O063	O239	O335
N132	N319	N488	N801	N882	N971	O064	O240	O336
N133	N320	N489	N802	N883	N972	O065	O241	O337
N134	N321	N490	N803	N884	N973	O066	O242	O338
N135	N322	N491	N804	N888	N974	O067	O243	O339
N136	N323	N492	N805	N889	N978	O068	O244	O340
N137	N324	N498	N806	N890	N979	O069	O249	O341
N138	N328	N499	N808	N891	N980	O070	O25	O342
N139	N329	N500	N809	N892	N981	O071	O260	O343
N140	N340	N501	N810	N893	N982	O072	O261	O344

O345	O623	O714	O899	P017	P122	P261	P508	P701
O346	O624	O715	O900	P018	P123	P268	P509	P702
O347	O628	O716	O901	P019	P124	P269	P510	P721
O348	O629	O717	O902	P020	P128	P270	P518	P760
O349	O630	O718	O903	P021	P129	P271	P519	P761
O350	O631	O719	O904	P022	P130	P278	P520	P762
O351	O632	O720	O905	P023	P131	P279	P521	P768
O352	O639	O721	O908	P024	P132	P280	P522	P769
O353	O640	O722	O909	P025	P133	P281	P523	P77
O354	O641	O723	O910	P026	P134	P282	P524	P780
O355	O642	O730	O911	P027	P138	P283	P525	P781
O356	O643	O731	O912	P028	P139	P284	P526	P782
O357	O644	O740	O920	P029	P140	P285	P528	P783
O358	O645	O741	O921	P030	P141	P288	P529	P788
O359	O648	O742	O922	P031	P142	P289	P53	P789
O360	O649	O743	O923	P032	P143	P290	P540	P800
O361	O650	O744	O924	P033	P148	P291	P541	P808
O362	O651	O745	O925	P034	P149	P292	P542	P809
O363	O652	O746	O926	P035	P150	P293	P543	P810
O364	O653	O747	O927	P036	P151	P294	P544	P818
O365	O654	O748	O95	P038	P152	P298	P545	P819
O366	O655	O749	O96	P039	P153	P299	P546	P830
O367	O658	O750	O97	P040	P154	P350	P548	P831
O368	O659	O751	O980	P041	P155	P351	P549	P832
O369	O660	O752	O981	P042	P156	P352	P550	P833
O40	O661	O753	O982	P043	P158	P353	P551	P834
O410	O662	O754	O983	P044	P159	P358	P558	P835
O411	O663	O755	O984	P045	P200	P359	P559	P836
O418	O664	O756	O985	P046	P201	P360	P560	P838
O419	O665	O757	O986	P048	P209	P361	P569	P839
O420	O668	O758	O988	P049	P210	P362	P570	P90
O421	O669	O759	O989	P050	P211	P363	P578	P910
O422	O670	O85	O990	P051	P219	P364	P579	P911
O429	O678	O860	O991	P052	P220	P365	P580	P912
O430	O679	O861	O992	P059	P221	P368	P581	P913
O431	O680	O862	O993	P070	P228	P369	P582	P914
O438	O681	O863	O994	P071	P229	P370	P583	P915
O439	O682	O864	O995	P072	P230	P371	P584	P918
O440	O683	O868	O996	P073	P231	P372	P585	P919
O441	O688	O870	O997	P080	P232	P373	P588	P920
O450	O689	O871	O998	P081	P233	P374	P589	P921
O458	O690	O872	P000	P082	P234	P375	P590	P922
O459	O691	O873	P001	P100	P235	P378	P591	P923
O460	O692	O878	P002	P101	P236	P379	P592	P924
O468	O693	O879	P003	P102	P238	P38	P593	P925
O469	O694	O880	P004	P103	P239	P390	P598	P928
O470	O695	O881	P005	P104	P240	P391	P599	P929
O471	O698	O882	P006	P108	P241	P392	P60	P93
O479	O699	O883	P007	P109	P242	P393	P610	P940
O48	O700	O888	P008	P110	P243	P394	P611	P941
O60	O701	O890	P009	P111	P248	P398	P612	P942
O610	O702	O891	P010	P112	P249	P399	P613	P948
O611	O703	O892	P011	P113	P250	P500	P614	P949
O618	O709	O893	P012	P114	P251	P501	P615	P960
O619	O710	O894	P013	P115	P252	P502	P616	P961
O620	O711	O895	P014	P119	P253	P503	P618	P962
O621	O712	O896	P015	P120	P258	P504	P619	P963
O622	O713	O898	P016	P121	P260	P505	P700	P964

P965	Q121	Q211	Q281	Q386	Q505	Q614	Q681	Q766
P968	Q122	Q212	Q282	Q387	Q506	Q615	Q682	Q767
P969	Q123	Q213	Q283	Q388	Q510	Q618	Q683	Q768
Q000	Q124	Q214	Q288	Q390	Q511	Q619	Q684	Q769
Q001	Q128	Q218	Q289	Q391	Q512	Q620	Q685	Q770
Q002	Q129	Q219	Q300	Q392	Q513	Q621	Q688	Q771
Q010	Q130	Q220	Q301	Q393	Q514	Q622	Q690	Q772
Q011	Q131	Q221	Q302	Q394	Q515	Q623	Q691	Q773
Q012	Q132	Q222	Q303	Q395	Q516	Q624	Q692	Q774
Q018	Q133	Q223	Q308	Q396	Q517	Q625	Q699	Q775
Q019	Q134	Q224	Q309	Q398	Q518	Q626	Q700	Q776
Q02	Q135	Q225	Q310	Q399	Q519	Q627	Q701	Q777
Q030	Q138	Q226	Q311	Q400	Q520	Q628	Q702	Q778
Q031	Q139	Q228	Q312	Q401	Q521	Q630	Q703	Q779
Q038	Q140	Q229	Q313	Q402	Q522	Q631	Q704	Q780
Q039	Q141	Q230	Q315	Q403	Q523	Q632	Q709	Q781
Q040	Q142	Q231	Q318	Q408	Q524	Q633	Q710	Q782
Q041	Q143	Q232	Q319	Q409	Q525	Q638	Q711	Q783
Q042	Q148	Q233	Q320	Q410	Q526	Q639	Q712	Q784
Q043	Q149	Q234	Q321	Q411	Q527	Q640	Q713	Q785
Q044	Q150	Q238	Q322	Q412	Q528	Q641	Q714	Q786
Q045	Q158	Q239	Q323	Q418	Q529	Q642	Q715	Q788
Q046	Q159	Q240	Q324	Q419	Q530	Q643	Q716	Q789
Q048	Q160	Q241	Q330	Q420	Q531	Q644	Q718	Q790
Q049	Q161	Q242	Q331	Q421	Q532	Q645	Q719	Q791
Q050	Q162	Q243	Q332	Q422	Q539	Q646	Q720	Q792
Q051	Q163	Q244	Q333	Q423	Q540	Q647	Q721	Q793
Q052	Q164	Q245	Q334	Q428	Q541	Q648	Q722	Q794
Q053	Q165	Q246	Q335	Q429	Q542	Q649	Q723	Q795
Q054	Q169	Q248	Q336	Q430	Q543	Q650	Q724	Q796
Q055	Q170	Q249	Q338	Q431	Q544	Q651	Q725	Q798
Q056	Q171	Q250	Q339	Q432	Q548	Q652	Q726	Q799
Q057	Q172	Q251	Q340	Q433	Q549	Q653	Q727	Q800
Q058	Q173	Q252	Q341	Q434	Q550	Q654	Q728	Q801
Q059	Q174	Q253	Q348	Q435	Q551	Q655	Q729	Q802
Q060	Q175	Q254	Q349	Q436	Q552	Q656	Q730	Q803
Q061	Q178	Q255	Q351	Q437	Q553	Q658	Q731	Q804
Q062	Q179	Q256	Q353	Q438	Q554	Q659	Q738	Q808
Q063	Q180	Q257	Q355	Q439	Q555	Q660	Q740	Q809
Q064	Q181	Q258	Q357	Q440	Q556	Q661	Q741	Q810
Q068	Q182	Q259	Q359	Q441	Q558	Q662	Q742	Q811
Q069	Q183	Q260	Q360	Q442	Q559	Q663	Q743	Q812
Q070	Q184	Q261	Q361	Q443	Q560	Q664	Q748	Q818
Q078	Q185	Q262	Q369	Q444	Q561	Q665	Q749	Q819
Q079	Q186	Q263	Q370	Q445	Q562	Q666	Q750	Q820
Q100	Q187	Q264	Q371	Q446	Q563	Q667	Q751	Q821
Q101	Q188	Q265	Q372	Q447	Q564	Q668	Q752	Q822
Q102	Q189	Q266	Q373	Q450	Q600	Q669	Q753	Q823
Q103	Q200	Q268	Q374	Q451	Q601	Q670	Q754	Q824
Q104	Q201	Q269	Q375	Q452	Q602	Q671	Q755	Q825
Q105	Q202	Q270	Q378	Q453	Q603	Q672	Q758	Q828
Q106	Q203	Q271	Q379	Q458	Q604	Q673	Q759	Q829
Q107	Q204	Q272	Q380	Q459	Q605	Q674	Q760	Q830
Q110	Q205	Q273	Q381	Q500	Q606	Q675	Q761	Q831
Q111	Q206	Q274	Q382	Q501	Q610	Q676	Q762	Q832
Q112	Q208	Q278	Q383	Q502	Q611	Q677	Q763	Q833
Q113	Q209	Q279	Q384	Q503	Q612	Q678	Q764	Q838
Q120	Q210	Q280	Q385	Q504	Q613	Q680	Q765	Q839

VALID CODES FOR MULTIPLE AND UNDERLYING CAUSE CODING

Q840	Q934	R060	R233	R457	R638	R836	R930	V099
Q841	Q935	R061	R234	R458	R64	R837	R931	V100
Q842	Q936	R062	R238	R460	R680	R838	R932	V101
Q843	Q937	R063	R250	R461	R681	R839	R933	V102
Q844	Q938	R064	R251	R462	R682	R840	R934	V103
Q845	Q939	R065	R252	R463	R683	R841	R935	V104
Q846	Q950	R066	R253	R464	R688	R842	R936	V105
Q848	Q951	R067	R258	R465	R700	R843	R937	V109
Q849	Q952	R068	R260	R466	R701	R844	R938	V110
Q850	Q953	R070	R261	R467	R71	R845	R940	V111
Q851	Q954	R071	R262	R468	R72	R846	R941	V112
Q858	Q955	R072	R268	R470	R730	R847	R942	V113
Q859	Q958	R073	R270	R471	R739	R848	R943	V114
Q860	Q959	R074	R278	R478	R740	R849	R944	V115
Q861	Q960	R090	R290	R480	R748	R850	R945	V119
Q862	Q961	R091	R291	R481	R749	R851	R946	V120
Q868	Q962	R092	R292	R482	R75	R852	R947	V121
Q870	Q963	R093	R293	R488	R760	R853	R948	V122
Q871	Q964	R098	R294	R490	R761	R854	R95	V123
Q872	Q968	R100	R298	R491	R762	R855	R960	V124
Q873	Q969	R101	R300	R492	R768	R856	R961	V125
Q874	Q970	R102	R301	R498	R769	R857	R98	V129
Q875	Q971	R103	R309	R500	R770	R858	R99	V130
Q878	Q972	R104	R31	R501	R771	R859	U010	V131
Q890	Q973	R11	R32	R509	R772	R860	U011	V132
Q891	Q978	R12	R33	R51	R778	R861	U012	V133
Q892	Q979	R13	R34	R520	R779	R862	U013	V134
Q893	Q980	R14	R35	R521	R780	R863	U014	V135
Q894	Q981	R15	R36	R522	R781	R864	U015	V139
Q897	Q982	R160	R390	R529	R782	R865	U016	V140
Q898	Q983	R161	R391	R53	R783	R866	U017	V141
Q899	Q984	R162	R392	R54	R784	R867	U018	V142
Q900	Q985	R17	R398	R55	R785	R868	U019	V143
Q901	Q986	R18	R400	R560	R786	R869	U02	V144
Q902	Q987	R190	R401	R568	R787	R870	U030	V145
Q909	Q988	R191	R402	R570	R788	R871	U039	V149
Q910	Q989	R192	R410	R571	R789	R872	V010	V150
Q911	Q990	R193	R411	R578	R790	R873	V011	V151
Q912	Q991	R194	R412	R579	R798	R874	V019	V152
Q913	Q992	R195	R413	R58	R799	R875	V020	V153
Q914	Q998	R196	R418	R590	R80	R876	V021	V154
Q915	Q999	R198	R42	R591	R81	R877	V029	V155
Q916	R000	R200	R430	R599	R820	R878	V030	V159
Q917	R001	R201	R431	R600	R821	R879	V031	V160
Q920	R002	R202	R432	R601	R822	R890	V039	V161
Q921	R008	R203	R438	R609	R823	R891	V040	V162
Q922	R010	R208	R440	R610	R824	R892	V041	V163
Q923	R011	R21	R441	R611	R825	R893	V049	V164
Q924	R012	R220	R442	R619	R826	R894	V050	V165
Q925	R02	R221	R443	R620	R827	R895	V051	V169
Q926	R030	R222	R448	R628	R828	R896	V059	V170
Q927	R031	R223	R450	R629	R829	R897	V060	V171
Q928	R040	R224	R451	R630	R830	R898	V061	V172
Q929	R041	R227	R452	R631	R831	R899	V069	V173
Q930	R042	R229	R453	R632	R832	R900	V090	V174
Q931	R048	R230	R454	R633	R833	R908	V091	V175
Q932	R049	R231	R455	R634	R834	R91	V092	V179
Q933	R05	R232	R456	R635	R835	R92	V093	V180

V181	V261	V332	V396	V461	V525	V590	V654	V719
V182	V262	V333	V398	V462	V526	V591	V655	V720
V183	V263	V334	V399	V463	V527	V592	V656	V721
V184	V264	V335	V400	V464	V529	V593	V657	V722
V185	V265	V336	V401	V465	V530	V594	V659	V723
V189	V269	V337	V402	V466	V531	V595	V660	V724
V190	V270	V339	V403	V467	V532	V596	V661	V725
V191	V271	V340	V404	V469	V533	V598	V662	V726
V192	V272	V341	V405	V470	V534	V599	V663	V727
V193	V273	V342	V406	V471	V535	V600	V664	V729
V194	V274	V343	V407	V472	V536	V601	V665	V730
V195	V275	V344	V409	V473	V537	V602	V666	V731
V196	V279	V345	V410	V474	V539	V603	V667	V732
V198	V280	V346	V411	V475	V540	V604	V669	V733
V199	V281	V347	V412	V476	V541	V605	V670	V734
V200	V282	V349	V413	V477	V542	V606	V671	V735
V201	V283	V350	V414	V479	V543	V607	V672	V736
V202	V284	V351	V415	V480	V544	V609	V673	V737
V203	V285	V352	V416	V481	V545	V610	V674	V739
V204	V289	V353	V417	V482	V546	V611	V675	V740
V205	V290	V354	V419	V483	V547	V612	V676	V741
V209	V291	V355	V420	V484	V549	V613	V677	V742
V210	V292	V356	V421	V485	V550	V614	V679	V743
V211	V293	V357	V422	V486	V551	V615	V680	V744
V212	V294	V359	V423	V487	V552	V616	V681	V745
V213	V295	V360	V424	V489	V553	V617	V682	V746
V214	V296	V361	V425	V490	V554	V619	V683	V747
V215	V298	V362	V426	V491	V555	V620	V684	V749
V219	V299	V363	V427	V492	V556	V621	V685	V750
V220	V300	V364	V429	V493	V557	V622	V686	V751
V221	V301	V365	V430	V494	V559	V623	V687	V752
V222	V302	V366	V431	V495	V560	V624	V689	V753
V223	V303	V367	V432	V496	V561	V625	V690	V754
V224	V304	V369	V433	V498	V562	V626	V691	V755
V225	V305	V370	V434	V499	V563	V627	V692	V756
V229	V306	V371	V435	V500	V564	V629	V693	V757
V230	V307	V372	V436	V501	V565	V630	V694	V759
V231	V309	V373	V437	V502	V566	V631	V695	V760
V232	V310	V374	V439	V503	V567	V632	V696	V761
V233	V311	V375	V440	V504	V569	V633	V698	V762
V234	V312	V376	V441	V505	V570	V634	V699	V763
V235	V313	V377	V442	V506	V571	V635	V700	V764
V239	V314	V379	V443	V507	V572	V636	V701	V765
V240	V315	V380	V444	V509	V573	V637	V702	V766
V241	V316	V381	V445	V510	V574	V639	V703	V767
V242	V317	V382	V446	V511	V575	V640	V704	V769
V243	V319	V383	V447	V512	V576	V641	V705	V770
V244	V320	V384	V449	V513	V577	V642	V706	V771
V245	V321	V385	V450	V514	V579	V643	V707	V772
V249	V322	V386	V451	V515	V580	V644	V709	V773
V250	V323	V387	V452	V516	V581	V645	V710	V774
V251	V324	V389	V453	V517	V582	V646	V711	V775
V252	V325	V390	V454	V519	V583	V647	V712	V776
V253	V326	V391	V455	V520	V584	V649	V713	V777
V254	V327	V392	V456	V521	V585	V650	V714	V779
V255	V329	V393	V457	V522	V586	V651	V715	V780
V259	V330	V394	V459	V523	V587	V652	V716	V781
V260	V331	V395	V460	V524	V589	V653	V717	V782

TABLE A
VALID CODES FOR MULTIPLE AND UNDERLYING CAUSE CODING

V783	V844	V910	V99	W60	X29	X89	Y353	Y446
V784	V845	V911	W00	W64	X30	X90	Y354	Y447
V785	V846	V912	W01	W65	X31	X91	Y355	Y449
V786	V847	V913	W02	W66	X32	X92	Y356	Y450
V787	V849	V914	W03	W67	X33	X93	Y357	Y451
V789	V850	V915	W04	W68	X34	X94	Y360	Y452
V790	V851	V916	W05	W69	X35	X95	Y361	Y453
V791	V852	V917	W06	W70	X36	X96	Y362	Y454
V792	V853	V918	W07	W73	X37	X97	Y363	Y455
V793	V854	V919	W08	W74	X38	X98	Y364	Y458
V794	V855	V920	W09	W75	X39	X99	Y365	Y459
V795	V856	V921	W10	W76	X40	Y00	Y366	Y460
V796	V857	V922	W11	W77	X41	Y01	Y367	Y461
V798	V859	V923	W12	W78	X42	Y02	Y368	Y462
V799	V860	V924	W13	W79	X43	Y03	Y369	Y463
V800	V861	V925	W14	W80	X44	Y04	Y400	Y464
V801	V862	V926	W15	W81	X45	Y05	Y401	Y465
V802	V863	V927	W16	W83	X46	Y060	Y402	Y466
V803	V864	V928	W17	W84	X47	Y061	Y403	Y467
V804	V865	V929	W18	W85	X48	Y062	Y404	Y468
V805	V866	V930	W19	W86	X49	Y068	Y405	Y470
V806	V867	V931	W20	W87	X50	Y069	Y406	Y471
V807	V869	V932	W21	W88	X51	Y070	Y407	Y472
V808	V870	V933	W22	W89	X52	Y071	Y408	Y473
V809	V871	V934	W23	W90	X53	Y072	Y409	Y474
V810	V872	V935	W24	W91	X54	Y073	Y410	Y475
V811	V873	V936	W25	W92	X57	Y078	Y411	Y478
V812	V874	V937	W26	W93	X58	Y079	Y412	Y479
V813	V875	V938	W27	W94	X59	Y08	Y413	Y480
V814	V876	V939	W28	W99	X60	Y09	Y414	Y481
V815	V877	V940	W29	X00	X61	Y10	Y415	Y482
V816	V878	V941	W30	X01	X62	Y11	Y418	Y483
V817	V879	V942	W31	X02	X63	Y12	Y419	Y484
V818	V880	V943	W32	X03	X64	Y13	Y420	Y485
V819	V881	V944	W33	X04	X65	Y14	Y421	Y490
V820	V882	V945	W34	X05	X66	Y15	Y422	Y491
V821	V883	V946	W35	X06	X67	Y16	Y423	Y492
V822	V884	V947	W36	X08	X68	Y17	Y424	Y493
V823	V885	V948	W37	X09	X69	Y18	Y425	Y494
V824	V886	V949	W38	X10	X70	Y19	Y426	Y495
V825	V887	V950	W39	X11	X71	Y20	Y427	Y496
V826	V888	V951	W40	X12	X72	Y21	Y428	Y497
V827	V889	V952	W41	X13	X73	Y22	Y429	Y498
V828	V890	V953	W42	X14	X74	Y23	Y430	Y499
V829	V891	V954	W43	X15	X75	Y24	Y431	Y500
V830	V892	V958	W44	X16	X76	Y25	Y432	Y501
V831	V893	V959	W45	X17	X77	Y26	Y433	Y502
V832	V899	V960	W49	X18	X78	Y27	Y434	Y508
V833	V900	V961	W50	X19	X79	Y28	Y435	Y509
V834	V901	V962	W51	X20	X80	Y29	Y436	Y510
V835	V902	V968	W52	X21	X81	Y30	Y438	Y511
V836	V903	V969	W53	X22	X82	Y31	Y439	Y512
V837	V904	V970	W54	X23	X83	Y32	Y440	Y513
V839	V905	V971	W55	X24	X84	Y33	Y441	Y514
V840	V906	V972	W56	X25	X85	Y34	Y442	Y515
V841	V907	V973	W57	X26	X86	Y350	Y443	Y516
V842	V908	V978	W58	X27	X87	Y351	Y444	Y517
V843	V909	V98	W59	X28	X88	Y352	Y445	Y518

Y519	Y579	Y650	Y798
Y520	Y580	Y651	Y800
Y521	Y581	Y652	Y801
Y522	Y582	Y653	Y802
Y523	Y583	Y654	Y803
Y524	Y584	Y655	Y808
Y525	Y585	Y658	Y810
Y526	Y586	Y66	Y811
Y527	Y588	Y69	Y812
Y528	Y589	Y700	Y813
Y529	Y590	Y701	Y818
Y530	Y591	Y702	Y820
Y531	Y592	Y703	Y821
Y532	Y593	Y708	Y822
Y533	Y598	Y710	Y823
Y534	Y599	Y711	Y828
Y535	Y600	Y712	Y830
Y536	Y601	Y713	Y831
Y537	Y602	Y718	Y832
Y538	Y603	Y720	Y833
Y539	Y604	Y721	Y834
Y540	Y605	Y722	Y835
Y541	Y606	Y723	Y836
Y542	Y607	Y728	Y838
Y543	Y608	Y730	Y839
Y544	Y609	Y731	Y840
Y545	Y610	Y732	Y841
Y546	Y611	Y733	Y842
Y547	Y612	Y738	Y843
Y548	Y613	Y740	Y844
Y549	Y614	Y741	Y845
Y550	Y615	Y742	Y846
Y551	Y616	Y743	Y847
Y552	Y617	Y748	Y848
Y553	Y618	Y750	Y849
Y554	Y619	Y751	Y850
Y555	Y620	Y752	Y859
Y556	Y621	Y753	Y86
Y557	Y622	Y758	Y870
Y560	Y623	Y760	Y871
Y561	Y624	Y761	Y872
Y562	Y625	Y762	Y880
Y563	Y626	Y763	Y881
Y564	Y628	Y768	Y882
Y565	Y629	Y770	Y883
Y566	Y630	Y771	Y890
Y567	Y631	Y772	Y891
Y568	Y632	Y773	Y892
Y569	Y633	Y778	Y899
Y570	Y634	Y780	
Y571	Y635	Y781	
Y572	Y636	Y782	
Y573	Y638	Y783	
Y574	Y639	Y788	
Y575	Y640	Y790	
Y576	Y641	Y791	
Y577	Y648	Y792	
Y578	Y649	Y793	

A1690	J9840	P740	S051	S141	S253	S343	S429	S530
E0390	K3190	P741	S052	S142	S254	S344	S430	S531
E890	K5500	P742	S053	S143	S255	S345	S431	S532
E891	K6310	P743	S054	S144	S257	S346	S432	S533
E892	K7200	P744	S055	S145	S258	S348	S433	S534
E893	K7210	P745	S056	S146	S259	S350	S434	S540
E894	K7290	P748	S057	S150	S260	S351	S435	S541
E895	K910	P749	S058	S151	S268	S352	S436	S542
E896	K911	Q2780	S059	S152	S269	S353	S437	S543
E898	K912	Q2820	S060	S153	S270	S354	S440	S547
E899	K913	Q2830	S061	S157	S271	S355	S441	S548
G1220	K914	R5800	S062	S158	S272	S357	S442	S549
G2000	K915	R97	S063	S159	S273	S358	S443	S550
G3090	K918	S000	S064	S16	S274	S359	S444	S551
G3500	K919	S001	S065	S170	S275	S360	S445	S552
G970	M1990	S002	S066	S178	S276	S361	S447	S557
G971	M960	S003	S067	S179	S277	S362	S448	S558
G972	M961	S004	S068	S18	S278	S363	S449	S559
G978	M962	S005	S069	S197	S279	S364	S450	S560
G979	M963	S007	S070	S198	S280	S365	S451	S561
H590	M964	S008	S071	S199	S281	S366	S452	S562
H598	M965	S009	S078	S200	S290	S367	S453	S563
H599	M966	S010	S079	S201	S297	S368	S457	S564
H950	M968	S011	S080	S202	S298	S369	S458	S565
H951	M969	S012	S081	S203	S299	S370	S459	S567
H958	N990	S013	S088	S204	S300	S371	S460	S568
H959	N991	S014	S089	S207	S301	S372	S461	S570
I4200	N992	S015	S090	S208	S302	S373	S462	S578
I4210	N993	S017	S091	S210	S307	S374	S463	S579
I4220	N994	S018	S092	S211	S308	S375	S467	S580
I4250	N995	S019	S097	S212	S309	S376	S468	S581
I4280	N998	S020	S098	S217	S310	S377	S469	S589
I4290	N999	S021	S099	S218	S311	S378	S47	S597
I5000	O080	S022	S100	S219	S312	S379	S480	S598
I5140	O081	S023	S101	S220	S313	S380	S481	S599
I5150	O082	S024	S107	S221	S314	S381	S489	S600
I6000	O083	S025	S108	S222	S315	S382	S497	S601
I6060	O084	S026	S109	S223	S317	S383	S498	S602
I6070	O085	S027	S110	S224	S318	S390	S499	S607
I6080	O086	S028	S111	S225	S320	S396	S500	S608
I6090	O087	S029	S112	S228	S321	S397	S501	S609
I970	O088	S030	S117	S229	S322	S398	S507	S610
I971	O089	S031	S118	S230	S323	S399	S508	S611
I972	P703	S032	S119	S231	S324	S400	S509	S617
I978	P704	S033	S120	S232	S325	S407	S510	S618
I979	P708	S034	S121	S233	S327	S408	S517	S619
J1010	P709	S035	S122	S234	S328	S409	S518	S620
J1110	P710	S040	S127	S235	S330	S410	S519	S621
J8410	P711	S041	S128	S240	S331	S411	S520	S622
J8490	P712	S042	S129	S241	S332	S417	S521	S623
J950	P713	S043	S130	S242	S333	S418	S522	S624
J951	P714	S044	S131	S243	S334	S420	S523	S625
J952	P718	S045	S132	S244	S335	S421	S524	S626
J953	P719	S046	S133	S245	S336	S422	S525	S627
J954	P720	S047	S134	S246	S337	S423	S526	S628
J955	P722	S048	S135	S250	S340	S424	S527	S630
J958	P728	S049	S136	S251	S341	S427	S528	S631
J959	P729	S050	S140	S252	S342	S428	S529	S632

S633	S727	S840	S941	T059	T179	T253	T327	T389
S634	S728	S841	S942	T062	T180	T254	T328	T390
S635	S729	S842	S943	T063	T181	T255	T329	T391
S636	S730	S847	S947	T064	T182	T256	T330	T392
S637	S731	S848	S948	T065	T183	T257	T331	T393
S640	S740	S849	S949	T07	T184	T260	T332	T394
S641	S741	S850	S950	T08	T185	T261	T333	T398
S642	S742	S851	S951	T090	T188	T262	T334	T399
S643	S747	S852	S952	T091	T189	T263	T335	T400
S644	S748	S853	S957	T092	T190	T264	T336	T401
S647	S749	S854	S958	T093	T191	T265	T337	T402
S648	S750	S855	S959	T094	T192	T266	T338	T403
S649	S751	S857	S960	T095	T193	T267	T339	T404
S650	S752	S858	S961	T096	T198	T268	T340	T405
S651	S757	S859	S962	T098	T199	T269	T341	T406
S652	S758	S860	S967	T099	T200	T270	T342	T407
S653	S759	S861	S968	T10	T201	T271	T343	T408
S654	S760	S862	S969	T110	T202	T272	T344	T409
S655	S761	S863	S970	T111	T203	T273	T345	T410
S657	S762	S867	S971	T112	T204	T274	T346	T411
S658	S763	S868	S978	T113	T205	T275	T347	T412
S659	S764	S869	S980	T114	T206	T276	T348	T413
S660	S767	S870	S981	T115	T207	T277	T349	T414
S661	S770	S878	S982	T116	T210	T280	T350	T415
S662	S771	S880	S983	T118	T211	T281	T351	T420
S663	S780	S881	S984	T119	T212	T282	T352	T421
S664	S781	S889	S997	T12	T213	T283	T353	T422
S665	S789	S897	S998	T130	T214	T284	T354	T423
S666	S797	S898	S999	T131	T215	T285	T355	T424
S667	S798	S899	T002	T132	T216	T286	T356	T425
S668	S799	S900	T003	T133	T217	T287	T357	T426
S669	S800	S901	T008	T134	T220	T288	T360	T427
S670	S801	S902	T009	T135	T221	T289	T361	T428
S678	S807	S903	T012	T136	T222	T300	T362	T430
S680	S808	S907	T013	T138	T223	T301	T363	T431
S681	S809	S908	T019	T139	T224	T302	T364	T432
S682	S810	S909	T021	T140	T225	T303	T365	T433
S683	S817	S910	T022	T141	T226	T304	T366	T434
S684	S818	S911	T023	T142	T227	T305	T367	T435
S688	S819	S912	T024	T143	T230	T306	T368	T436
S689	S820	S913	T025	T144	T231	T307	T369	T438
S697	S821	S917	T028	T145	T232	T310	T370	T439
S698	S822	S920	T029	T146	T233	T311	T371	T440
S699	S823	S921	T031	T147	T234	T312	T372	T441
S700	S824	S922	T032	T148	T235	T313	T373	T442
S701	S825	S923	T033	T149	T236	T314	T374	T443
S707	S826	S924	T038	T150	T237	T315	T375	T444
S708	S827	S925	T039	T151	T240	T316	T378	T445
S709	S828	S927	T041	T158	T241	T317	T379	T446
S710	S829	S929	T042	T159	T242	T318	T380	T447
S711	S830	S930	T043	T16	T243	T319	T381	T448
S717	S831	S931	T048	T170	T244	T320	T382	T449
S718	S832	S932	T049	T171	T245	T321	T383	T450
S720	S833	S933	T050	T172	T246	T322	T384	T451
S721	S834	S934	T052	T173	T247	T323	T385	T452
S722	S835	S935	T053	T174	T250	T324	T386	T453
S723	S836	S936	T055	T175	T251	T325	T387	T454
S724	S837	S940	T058	T178	T252	T326	T388	T455

T456	T520	T612	T741	T831	T908
T457	T521	T618	T742	T832	T909
T458	T522	T619	T743	T833	T910
T459	T523	T620	T748	T834	T911
T460	T524	T621	T749	T835	T912
T461	T528	T622	T750	T836	T913
T462	T529	T628	T751	T838	T914
T463	T530	T629	T752	T839	T915
T464	T531	T630	T753	T840	T918
T465	T532	T631	T754	T841	T919
T466	T533	T632	T758	T842	T920
T467	T534	T633	T780	T843	T921
T468	T535	T634	T781	T844	T922
T469	T536	T635	T782	T845	T923
T470	T537	T636	T783	T846	T924
T471	T539	T638	T784	T847	T925
T472	T540	T639	T788	T848	T926
T473	T541	T64	T789	T849	T928
T474	T542	T650	T790	T850	T929
T475	T543	T651	T791	T851	T930
T476	T549	T652	T792	T852	T931
T477	T55	T653	T793	T853	T932
T478	T560	T654	T794	T854	T933
T479	T561	T655	T795	T855	T934
T480	T562	T656	T796	T856	T935
T481	T563	T658	T797	T857	T936
T482	T564	T659	T798	T858	T938
T483	T565	T66	T799	T859	T939
T484	T566	T670	T800	T860	T940
T485	T567	T671	T801	T861	T941
T486	T568	T672	T802	T862	T950
T487	T569	T673	T803	T863	T951
T490	T570	T674	T804	T864	T952
T491	T571	T675	T805	T868	T953
T492	T572	T676	T806	T869	T954
T493	T573	T677	T808	T870	T958
T494	T578	T678	T809	T871	T959
T495	T579	T679	T810	T872	T96
T496	T58	T68	T811	T873	T97
T497	T590	T690	T812	T874	T980
T498	T591	T691	T813	T875	T981
T499	T592	T698	T814	T876	T982
T500	T593	T699	T815	T880	T983
T501	T594	T700	T816	T881	
T502	T595	T701	T817	T882	
T503	T596	T702	T818	T883	
T504	T597	T703	T819	T884	
T505	T598	T704	T820	T885	
T506	T599	T708	T821	T886	
T507	T600	T709	T822	T887	
T508	T601	T71	T823	T888	
T509	T602	T730	T824	T889	
T510	T603	T731	T825	T900	
T511	T604	T732	T826	T901	
T512	T608	T733	T827	T902	
T513	T609	T738	T828	T903	
T518	T610	T739	T829	T904	
T519	T611	T740	T830	T905	

Table C
Invalid Codes for Multiple and Underlying Cause Coding

A150	D77*	G59*	I52*	M73*	P95	Y905
A151	E35*	G63*	I650	M82*	Q350	Y906
A152	E90*	G73*	I651	M90*	Q352	Y907
A153	F00*	G94*	I652	N08*	Q354	Y908
A154	F02*	G99*	I653	N16*	Q358	Y909
A155	F700	H03*	I658	N22*	R69	Y910
A156	F701	H06*	I659	N29*	T000	Y911
A157	F708	H13*	I660	N33*	T001	Y912
A158	F709	H19*	I661	N37*	T006	Y913
A159	F710	H22*	I662	N51*	T010	Y919
A160	F711	H28*	I663	N74*	T011	Y95
A161	F718	H32*	I664	N77*	T016	Y96
B950	F719	H36*	I668	O800	T018	Y97
B951	F720	H42*	I669	O801	T020	Y98
B952	F721	H45*	I68*	O808	T026	
B953	F728	H48*	I79*	O809	T027	
B954	F729	H58*	I98*	O810	T030	
B955	F730	H62*	J17*	O811	T034	
B956	F731	H67*	J91*	O812	T040	
B957	F738	H75*	J99*	O813	T044	
B958	F739	H82*	K23*	O814	T047	
B960	F780	H94*	K67*	O815	T051	
B961	F781	I150	K77*	O820	T054	
B962	F788	I151	K87*	O821	T056	
B963	F789	I152	K93*	O822	T060	
B964	F790	I158	L14*	O828	T061	
B965	F791	I159	L45*	O829	T068	
B966	F798	I230	L54*	O830	T290	
B967	F799	I231	L62*	O831	T291	
B968	G01*	I232	L86*	O832	T292	
B970	G02*	I233	L99*	O833	T293	
B971	G05*	I234	M01*	O834	T294	
B972	G07*	I235	M03*	O838	T295	
B973	G13*	I236	M07*	O839	T296	
B974	G22*	I238	M09*	O840	T297	
B975	G26*	I240	M14*	O841	Y900	
B976	G32*	I32*	M36*	O842	Y901	
B977	G46*	I39*	M49*	O848	Y902	
B978	G53*	I41*	M63*	O849	Y903	
D63*	G55*	I43*	M68*	P75*	Y904	

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--- A000  ---          |    --- A012  ---      |    --- A031  ---
                       |       CONTINUED       |       CONTINUED
   A000                |    C000 -C97          |    Y842
   A009                |    R75                |
   B200 -B24           |    Y431 -Y434         |    --- A032  ---
   C000 -C97           |    Y632               |
   R75                 |    Y842               |    A032
   Y431 -Y434          |                       |    A039
   Y632                |    --- A013  ---       |    B200 -B24
   Y842                |                       |    C000 -C97
                       |    A013 -A014         |    R75
   --- A001  ---       |    B200 -B24          |    Y431 -Y434
                       |    C000 -C97          |    Y632
   A001 -A009          |    R75                |    Y842
   B200 -B24           |    Y431 -Y434         |
   C000 -C97           |    Y632               |    --- A033  ---
   R75                 |    Y842               |
   Y431 -Y434          |                       |    A033
   Y632                |    --- A014  ---       |    A039
   Y842                |                       |    B200 -B24
                       |    A014               |    C000 -C97
   --- A009  ---       |    B200 -B24          |    R75
                       |    C000 -C97          |    Y431 -Y434
   A009                |    R75                |    Y632
   B200 -B24           |    Y431 -Y434         |    Y842
   C000 -C97           |    Y632               |
   R75                 |    Y842               |    --- A038  ---
   Y431 -Y434          |                       |
   Y632                | --- A020 -A029  --- |    A038 -A039
   Y842                |                       |    B200 -B24
                       |    A020 -A029         |    C000 -C97
   --- A010  ---       |    B200 -B24          |    R75
                       |    C000 -C97          |    Y431 -Y434
   A010                |    R75                |    Y632
   A014                |    Y431 -Y434         |    Y842
   B200 -B24           |    Y632               |
   C000 -C97           |    Y842               |    --- A039  ---
   R75                 |                       |
   Y431 -Y434          |    --- A030  ---       |    A039
   Y632                |                       |    B200 -B24
   Y842                |    A030               |    C000 -C97
                       |    A039               |    R75
   --- A011  ---       |    B200 -B24          |    Y431 -Y434
                       |    C000 -C97          |    Y632
   A011                |    R75                |    Y842
   A014                |    Y431 -Y434         |
   B200 -B24           |    Y632               |    --- A040  ---
   C000 -C97           |    Y842               |
   R75                 |                       |    A040
   Y431 -Y434          |    --- A031  ---       |  M A415
   Y632                |                       |    B200 -B24
   Y842                |    A031               |    C000 -C97
                       |    A039               |    R75
   --- A012  ---       |    B200 -B24          |    Y431 -Y434
                       |    C000 -C97          |    Y632
   A012                |    R75                |    Y842
   A014                |    Y431 -Y434         |
   B200 -B24           |    Y632               |
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   --- A041  ---       |    --- A046  ---       |    --- A051  ---
                       |       CONTINUED        |       CONTINUED
     A041              |  M A400 -A418          |     A059
   M A415              |    B200 -B24           |     B200 -B24
     B200 -B24         |    C000 -C97           |     C000 -C97
     C000 -C97         |    R75                 |     R75
     R75               |    Y431 -Y434          |     Y431 -Y434
     Y431 -Y434        |    Y632               |     Y632
     Y632              |    Y842               |     Y842
     Y842              |                        |
                       |    --- A047  ---       |    --- A052  ---
   --- A042  ---       |                        |
                       |     A047              |     A052
     A042              |  M A400 -A418          |     A059
   M A415              |    B200 -B24           |     B200 -B24
     B200 -B24         |    C000 -C97           |     C000 -C97
     C000 -C97         |    R75                 |     R75
     R75               |    Y431 -Y434          |     Y431 -Y434
     Y431 -Y434        |    Y632               |     Y632
     Y632              |    Y842               |     Y842
     Y842              |                        |
                       |    --- A048  ---       |    --- A053  ---
   --- A043  ---       |                        |
                       |     A048              |     A053
     A043              |  M A400 -A418          |     A059
   M A415              |    B200 -B24           |     B200 -B24
     B200 -B24         |    C000 -C97           |     C000 -C97
     C000 -C97         |    R75                 |     R75
     R75               |    Y431 -Y434          |     Y431 -Y434
     Y431 -Y434        |    Y632               |     Y632
     Y632              |    Y842               |     Y842
     Y842              |                        |
                       |    --- A049  ---       |    --- A054  ---
   --- A044  ---       |                        |
                       |     A049              |     A054
     A044              |  M A400 -A418          |     A059
   M A415              |  M A480 -A488          |     B200 -B24
     B200 -B24         |    B200 -B24           |     C000 -C97
     C000 -C97         |    C000 -C97           |     R75
     R75               |    R75                 |     Y431 -Y434
     Y431 -Y434        |    Y431 -Y434          |     Y632
     Y632              |    Y632               |     Y842
     Y842              |    Y842               |
                       |                        |    --- A058  ---
   --- A045  ---       |    --- A050  ---       |
                       |                        |     A058 -A059
     A045              |     A050              |     B200 -B24
   M A400 -A418        |     A059              |     C000 -C97
     B200 -B24         |     B200 -B24         |     R75
     C000 -C97         |     C000 -C97         |     Y431 -Y434
     R75               |     R75               |     Y632
     Y431 -Y434        |     Y431 -Y434        |     Y842
     Y632              |     Y632               |
     Y842              |     Y842               |    --- A059  ---
                       |                        |
   --- A046  ---       |    --- A051  ---       |     A059
                       |                        |     B200 -B24
     A046              |     A051              |     C000 -C97
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   --- A059  ---      |    --- A073  ---      |    --- A083   ---
     CONTINUED        |      CONTINUED        |      CONTINUED
     R75              |      Y632             |      B200 -B24
     Y431 -Y434       |      Y842             |      C000 -C97
     Y632             |                       |      R75
     Y842             |    --- A078   ---     |      Y431 -Y434
                      |                       |      Y632
 --- A060 -A069  ---  |     A078 -A079        |      Y842
                      |     B200 -B24         |
     A060 -A069       |     C000 -C97         |    --- A084   ---
     B200 -B24        |     R75               |
     C000 -C97        |     Y431 -Y434        |     A084
     R75              |     Y632              |     B200 -B24
     Y431 -Y434       |     Y842              |     C000 -C97
     Y632             |                       |     R75
     Y842             |    --- A079   ---     |     Y431 -Y434
                      |                       |     Y632
   --- A070  ---      |     A079             |      Y842
                      |     B200 -B24         |
     A070             |     C000 -C97         |    --- A085   ---
     A079             |     R75               |
     B200 -B24        |     Y431 -Y434        |     A085
     C000 -C97        |     Y632              |     B200 -B24
     R75              |     Y842              |     C000 -C97
     Y431 -Y434       |                       |     R75
     Y632             |    --- A080   ---     |     Y431 -Y434
     Y842             |                       |     Y632
                      |     A080             |      Y842
   --- A071  ---      |     B200 -B24         |
                      |     C000 -C97         |    --- A09    ---
     A071             |     R75               |
     A079             |     Y431 -Y434        |     A069
     B200 -B24        |     Y632              |     A09
     C000 -C97        |     Y842              |     A229
     R75              |                       |     B200 -B24
     Y431 -Y434       |    --- A081   ---     |     C000 -C97
     Y632             |                       |     R75
     Y842             |     A081             |      Y431 -Y434
                      |     B200 -B24         |     Y632
   --- A072  ---      |     C000 -C97         |     Y842
                      |     R75               |
     A072             |     Y431 -Y434        |  --- A162 -A199   ---
     A079             |     Y632              |
     B200 -B24        |     Y842              |     A162 -A199
     C000 -C97        |                       |     A310 -A319
     R75              |    --- A082   ---     |     B200 -B24
     Y431 -Y434       |                       |     C000 -C97
     Y632             |     A082             |     R75
     Y842             |     B200 -B24         |     Y431 -Y434
                      |     C000 -C97         |     Y632
   --- A073  ---      |     R75               |     Y842
                      |     Y431 -Y434        |
     A073             |     Y632              |    --- A200   ---
     A079             |     Y842              |
     B200 -B24        |                       |     A200
     C000 -C97        |    --- A083   ---     |     A209
     R75              |                       |     B200 -B24
     Y431 -Y434       |     A083             |     C000 -C97
```

```
--- A200  ---       |   --- A208  ---       |   --- A217  ---
   CONTINUED        |      CONTINUED        |      CONTINUED
  R75               |     Y632              |     B200 -B24
  Y431 -Y434        |     Y842              |     C000 -C97
  Y632              |                       |     R75
  Y842              |   --- A209  ---       |     Y431 -Y434
                    |                       |     Y632
--- A201  ---       |     A209              |     Y842
                    |     B200 -B24         |
  A201              |     C000 -C97         |   --- A218  ---
  A209              |     R75               |
  B200 -B24         |     Y431 -Y434        |     A218
  C000 -C97         |     Y632              |     B200 -B24
  R75               |     Y842              |     C000 -C97
  Y431 -Y434        |                       |     R75
  Y632              |   --- A210  ---       |     Y431 -Y434
  Y842              |                       |     Y632
                    |     A210              |     Y842
--- A202  ---       |     B200 -B24         |
                    |     C000 -C97         |   --- A219  ---
  A202              |     R75               |
  A209              |     Y431 -Y434        |     A219
  B200 -B24         |     Y632              |     B200 -B24
  C000 -C97         |     Y842              |     C000 -C97
  R75               |                       |     R75
  Y431 -Y434        |   --- A211  ---       |     Y431 -Y434
  Y632              |                       |     Y632
  Y842              |     A211              |     Y842
                    |     B200 -B24         |
--- A203  ---       |     C000 -C97         | --- A220 -A229  ---
                    |     R75               |
  A203              |     Y431 -Y434        |     A220 -A229
  A209              |     Y632              |     B200 -B24
  B200 -B24         |     Y842              |     C000 -C97
  C000 -C97         |                       |     R75
  R75               |   --- A212  ---       |     Y431 -Y434
  Y431 -Y434        |                       |     Y632
  Y632              |     A212              |     Y842
  Y842              |     B200 -B24         |
                    |     C000 -C97         |   --- A230  ---
--- A207  ---       |     R75               |
                    |     Y431 -Y434        |     A230
  A207              |     Y632              |     A239
  A209              |     Y842              |     B200 -B24
  B200 -B24         |                       |     C000 -C97
  C000 -C97         |   --- A213  ---       |     R75
  R75               |                       |     Y431 -Y434
  Y431 -Y434        |     A213              |     Y632
  Y632              |     B200 -B24         |     Y842
  Y842              |     C000 -C97         |
                    |     R75               |   --- A231  ---
--- A208  ---       |     Y431 -Y434        |
                    |     Y632              |     A231
  A208 -A209        |     Y842              |     A239
  B200 -B24         |                       |     B200 -B24
  C000 -C97         |   --- A217  ---       |     C000 -C97
  R75               |                       |     R75
  Y431 -Y434        |     A217              |     Y431 -Y434
```

```
                              TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


   --- A231  ---      |    --- A241  ---      |    --- A251   ---
      CONTINUED       |                       |      CONTINUED
     Y632             |     A241              |     Y632
     Y842             |     B200 -B24         |     Y842
                      |     C000 -C97         |
   --- A232  ---      |     R75               |    --- A259  ---
                      |     Y431 -Y434        |
     A232             |     Y632              |     A259
     A239             |     Y842              |     B200 -B24
     B200 -B24        |                       |     C000 -C97
     C000 -C97        |    --- A242  ---      |     R75
     R75              |                       |     Y431 -Y434
     Y431 -Y434       |     A242              |     Y632
     Y632             |     B200 -B24         |     Y842
     Y842             |     C000 -C97         |
                      |     R75               |    --- A260  ---
   --- A233  ---      |     Y431 -Y434        |
                      |     Y632              |     A260
     A233             |     Y842              |     A269
     A239             |                       |     B200 -B24
     B200 -B24        |    --- A243  ---      |     C000 -C97
     C000 -C97        |                       |     R75
     R75              |     A243              |     Y431 -Y434
     Y431 -Y434       |     B200 -B24         |     Y632
     Y632             |     C000 -C97         |     Y842
     Y842             |     R75               |
                      |     Y431 -Y434        |    --- A267  ---
   --- A238  ---      |     Y632              |
                      |     Y842              |     A267
     A238 -A239       |                       |     A269
     B200 -B24        |    --- A244  ---      |     B200 -B24
     C000 -C97        |                       |     C000 -C97
     R75              |     A244              |     R75
     Y431 -Y434       |     B200 -B24         |     Y431 -Y434
     Y632             |     C000 -C97         |     Y632
     Y842             |     R75               |     Y842
                      |     Y431 -Y434        |
   --- A239  ---      |     Y632              |    --- A268  ---
                      |     Y842              |
     A239             |                       |     A268 -A269
     B200 -B24        |    --- A250  ---      |     B200 -B24
     C000 -C97        |                       |     C000 -C97
     R75              |     A250              |     R75
     Y431 -Y434       |     A259              |     Y431 -Y434
     Y632             |     B200 -B24         |     Y632
     Y842             |     C000 -C97         |     Y842
                      |     R75               |
   --- A240  ---      |     Y431 -Y434        |    --- A269  ---
                      |     Y632              |
     A240             |     Y842              |     A269
     B200 -B24        |                       |     B200 -B24
     C000 -C97        |    --- A251  ---      |     C000 -C97
     R75              |                       |     R75
     Y431 -Y434       |     A251 -A259        |     Y431 -Y434
     Y632             |     B200 -B24         |     Y632
     Y842             |     C000 -C97         |     Y842
                      |     R75               |
                      |     Y431 -Y434        |
```

```
  --- A270  ---      |    --- A282  ---      |    --- A303  ---
                     |       CONTINUED       |
   A270              |     Y431 -Y434        |     A303
   A279              |     Y632              |     A309
   B200 -B24         |     Y842              |     B200 -B24
   C000 -C97         |                       |     C000 -C97
   R75               |    --- A288  ---      |     R75
   Y431 -Y434        |                       |     Y431 -Y434
   Y632              |     A288 -A289        |     Y632
   Y842              |     B200 -B24         |     Y842
                     |     C000 -C97         |
  --- A278  ---      |     R75               |    --- A304  ---
                     |     Y431 -Y434        |
   A278 -A279        |     Y632              |     A304
   B200 -B24         |     Y842              |     A309
   C000 -C97         |                       |     B200 -B24
   R75               |    --- A289  ---      |     C000 -C97
   Y431 -Y434        |                       |     R75
   Y632              |     A289              |     Y431 -Y434
   Y842              |     B200 -B24         |     Y632
                     |     C000 -C97         |     Y842
  --- A279  ---      |     R75               |
                     |     Y431 -Y434        |    --- A305  ---
   A270 -A279        |     Y632              |
   B200 -B24         |     Y842              |     A305
   C000 -C97         |                       |     A309
   R75               |    --- A300  ---      |     B200 -B24
   Y431 -Y434        |                       |     C000 -C97
   Y632              |     A300              |     R75
   Y842              |     A309              |     Y431 -Y434
                     |     B200 -B24         |     Y632
  --- A280  ---      |     C000 -C97         |     Y842
                     |     R75               |
   A280              |     Y431 -Y434        |    --- A308  ---
   A289              |     Y632              |
   B200 -B24         |     Y842              |     A308 -A309
   C000 -C97         |                       |     B200 -B24
   R75               |    --- A301  ---      |     C000 -C97
   Y431 -Y434        |                       |     R75
   Y632              |     A301              |     Y431 -Y434
   Y842              |     A309              |     Y632
                     |     B200 -B24         |     Y842
  --- A281  ---      |     C000 -C97         |
                     |     R75               |    --- A309  ---
   A281              |     Y431 -Y434        |
   B200 -B24         |     Y632              |     A309
   C000 -C97         |     Y842              |     B200 -B24
   R75               |                       |     C000 -C97
   Y431 -Y434        |    --- A302  ---      |     R75
   Y632              |                       |     Y431 -Y434
   Y842              |     A302              |     Y632
                     |     A309              |     Y842
  --- A282  ---      |     B200 -B24         |
                     |     C000 -C97         |  --- A310 -A319  ---
   A282              |     R75               |
   B200 -B24         |     Y431 -Y434        |     A310 -A319
   C000 -C97         |     Y632              |     B200 -B24
   R75               |     Y842              |     C000 -C97
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

```
--- A310 -A319  --- |   --- A33    ---    |    --- A371   ---
      CONTINUED      |                     |
   R75              |    A33              |    A371
   Y431 -Y434       |    B200 -B24        |    A379
   Y632             |    C000 -C97        |    B200 -B24
   Y842             |    P000 -P969   *   |    C000 -C97
                    |    R75              |    R75
   --- A320  ---    |    Y431 -Y434       |    Y431 -Y434
                    |    Y632             |    Y632
   A320             |    Y842             |    Y842
   B200 -B24        |                     |
   C000 -C97        |    --- A34    ---    |    --- A378   ---
   R75              |                     |
   Y431 -Y434       |    A34              |    A378 -A379
   Y632             |    B200 -B24        |    B200 -B24
   Y842             |    C000 -C97        |    C000 -C97
                    |    O000 -O998   *   |    R75
   --- A321  ---    |    R75              |    Y431 -Y434
                    |    Y431 -Y434       |    Y632
   A321             |    Y632             |    Y842
   B200 -B24        |    Y842             |
   C000 -C97        |                     |    --- A379  ---
   R75              |    --- A35    ---    |
   Y431 -Y434       |                     |    A379
   Y632             |    A35              |    B200 -B24
   Y842             |    B200 -B24        |    C000 -C97
                    |    C000 -C97        |    R75
   --- A327  ---    |    F110 -F169       |    Y431 -Y434
                    |    F180 -F199       |    Y632
   A327             |    R02              |    Y842
   B200 -B24        |    R75              |
   C000 -C97        |    S000 -T983       |    --- A38    ---
   R75              |    V010 -X59     *  |
   Y431 -Y434       |    Y431 -Y434       |    A38
   Y632             |    Y632             |    B200 -B24
   Y842             |    Y842             |    C000 -C97
                    |                     |    R75
   --- A328  ---    | --- A360 -A369  --- |    Y431 -Y434
                    |                     |    Y632
   A328             |    A360 -A369       |    Y842
   B200 -B24        |    B200 -B24        |
   C000 -C97        |    C000 -C97        | --- A390 -A399   ---
   R75              |    R75              |
   Y431 -Y434       |    Y431 -Y434       |    A390 -A399
   Y632             |    Y632             |    B200 -B24
   Y842             |    Y842             |    C000 -C97
                    |                     |    R75
   --- A329  ---    |    --- A370  ---     |    Y431 -Y434
                    |                     |    Y632
   A329             |    A370             |    Y842
   B200 -B24        |    A379             |
   C000 -C97        |    B200 -B24        | --- A400 -A419   ---
   R75              |    C000 -C97        |
   Y431 -Y434       |    R75              |    A000 -R825
   Y632             |    Y431 -Y434       | M  R826
   Y842             |    Y632             |    R827 -R892
                    |    Y842             | M  R893
                    |                     |    R894 -R961
                    |                     |
```

```
--- A400 -A419  --- |    --- A449  ---    |    --- A488   ---
         CONTINUED      |                     |
      R98  -Y899         |      A449           |      A488
                         |      B200 -B24      |      B200 -B24
--- A420 -A429   --- |      C000 -C97      |      C000 -C97
                         |      R75            |      R75
                         |      Y431 -Y434     |      Y431 -Y434
      A420 -A429        |      Y632           |      Y632
      B200 -B24         |      Y842           |      Y842
      C000 -C97         |                     |
      R75               |                     |
      Y431 -Y434        | --- A46  -A480  --- | --- A490 -A499  ---
      Y632              |                     |
      Y842              |      A000 -R825     |      A000 -R825
                         |    M R826           |    M R826
--- A430 -A439   --- |      R827 -R892     |      R827 -R892
                         |    M R893           |    M R893
                         |      R894 -R961     |      R894 -R961
      A430 -A439        |      R98  -Y899     |      R98  -Y899
      B200 -B24         |                     |
      C000 -C97         |    --- A481  ---    |    --- A500  ---
      R75               |                     |
      Y431 -Y434        |      A481           |      A500
      Y632              |      B200 -B24      |      A539
      Y842              |      C000 -C97      |      B200 -B24
                         |      R75            |      C000 -C97
   --- A440  ---        |      Y431 -Y434     |      R75
                         |      Y632           |      Y431 -Y434
      A440              |      Y842           |      Y632
      A449              |                     |      Y842
      B200 -B24         |    --- A482  ---    |
      C000 -C97         |                     |    --- A501  ---
      R75               |      A482           |
      Y431 -Y434        |      B200 -B24      |      A501
      Y632              |      C000 -C97      |      A539
      Y842              |      R75            |      B200 -B24
                         |      Y431 -Y434     |      C000 -C97
   --- A441  ---        |      Y632           |      R75
                         |      Y842           |      Y431 -Y434
      A441              |                     |      Y632
      A449              |    --- A483  ---    |      Y842
      B200 -B24         |                     |
      C000 -C97         |      A483           |    --- A502  ---
      R75               |      B200 -B24      |
      Y431 -Y434        |      C000 -C97      |      A502
      Y632              |      R75            |      A539
      Y842              |      Y431 -Y434     |      B200 -B24
                         |      Y632           |      C000 -C97
   --- A448  ---        |      Y842           |      R75
                         |                     |      Y431 -Y434
      A448 -A449        |    --- A484  ---    |      Y632
      B200 -B24         |                     |      Y842
      C000 -C97         |      A484           |
      R75               |      B200 -B24      |    --- A503  ---
      Y431 -Y434        |      C000 -C97      |
      Y632              |      R75            |      A503
      Y842              |      Y431 -Y434     |      A539
                         |      Y632           |      B200 -B24
                       | |      Y842           |      C000 -C97
```

```
--- A503  ---      |    --- A509  ---      |    --- A514   ---
  CONTINUED        |      CONTINUED        |      CONTINUED
  R75              |      Y431 -Y434       |      Y632
  Y431 -Y434       |      Y632             |      Y842
  Y632             |      Y842             |
  Y842             |                       |    --- A515   ---
                   |    --- A510  ---      |
  --- A504  ---    |                       |      A515
                   |      A510             |      A539
  A504             |      A539             |      B200 -B24
  A539             |      B200 -B24        |      C000 -C97
  B200 -B24        |      C000 -C97        |      R75
  C000 -C97        |      R75              |      Y431 -Y434
  R75              |      Y431 -Y434       |      Y632
  Y431 -Y434       |      Y632             |      Y842
  Y632             |      Y842             |
  Y842             |                       |    --- A519   ---
                   |    --- A511  ---      |
  --- A505  ---    |                       |      A519
                   |      A511             |      A539
  A505             |      A539             |      B200 -B24
  A539             |      B200 -B24        |      C000 -C97
  B200 -B24        |      C000 -C97        |      R75
  C000 -C97        |      R75              |      Y431 -Y434
  R75              |      Y431 -Y434       |      Y632
  Y431 -Y434       |      Y632             |      Y842
  Y632             |      Y842             |
  Y842             |                       |    --- A520   ---
                   |    --- A512  ---      |
  --- A506  ---    |                       |      A520
                   |      A512             |      A539
  A506             |      A539             |      B200 -B24
  A539             |      B200 -B24        |      C000 -C97
  B200 -B24        |      C000 -C97        |      R75
  C000 -C97        |      R75              |      Y431 -Y434
  R75              |      Y431 -Y434       |      Y632
  Y431 -Y434       |      Y632             |      Y842
  Y632             |      Y842             |
  Y842             |                       |    --- A521   ---
                   |    --- A513  ---      |
  --- A507  ---    |                       |      A521
                   |      A513             |      A539
  A507             |      A539             |      B200 -B24
  A539             |      B200 -B24        |      C000 -C97
  B200 -B24        |      C000 -C97        |      R75
  C000 -C97        |      R75              |      Y431 -Y434
  R75              |      Y431 -Y434       |      Y632
  Y431 -Y434       |      Y632             |      Y842
  Y632             |      Y842             |
  Y842             |                       |    --- A522   ---
                   |    --- A514  ---      |
  --- A509  ---    |                       |      A522
                   |      A514             |      A539
  A509             |      A539             |      B200 -B24
  A539             |      B200 -B24        |      C000 -C97
  B200 -B24        |      C000 -C97        |      R75
  C000 -C97        |      R75              |      Y431 -Y434
  R75              |      Y431 -Y434       |      Y632
```

```
   --- A522  ---    | --- A530 -A539  --- |   --- A563   ---
     CONTINUED      |      CONTINUED      |
      Y842          |       Y842          |      A563
                    |                     |      A64
   --- A523  ---    | --- A540 -A549  --- |      B200 -B24
                    |                     |      C000 -C97
      A523          |      A540 -A549     |      R75
      A539          |      A64            |      Y431 -Y434
      B200 -B24     |      B200 -B24      |      Y632
      C000 -C97     |      C000 -C97      |      Y842
      R75           |      R75            |
      Y431 -Y434    |      Y431 -Y434     |   --- A564   ---
      Y632          |      Y632           |
      Y842          |      Y842           |      A564
                    |                     |      A64
   --- A527  ---    |    --- A55    ---   |      B200 -B24
                    |                     |      C000 -C97
 M A1690            |      A55            |      R75
    A527            |      B200 -B24      |      Y431 -Y434
    A539            |      C000 -C97      |      Y632
 M A669             |      R75            |      Y842
    B200 -B24       |      Y431 -Y434     |
    C000 -C97       |      Y632           |   --- A568   ---
    R75             |      Y842           |
    Y431 -Y434      |                     |      A568
    Y632            |    --- A560   ---   |      A64
    Y842            |                     |      B200 -B24
                    |      A560           |      C000 -C97
   --- A528   ---   |      A64            |      R75
                    |      B200 -B24      |      Y431 -Y434
      A528          |      C000 -C97      |      Y632
      A539          |      R75            |      Y842
      B200 -B24     |      Y431 -Y434     |
      C000 -C97     |      Y632           |   --- A57    ---
      R75           |      Y842           |
      Y431 -Y434    |                     |      A57
      Y632          |    --- A561   ---   |      A64
      Y842          |                     |      B200 -B24
                    |      A561           |      C000 -C97
   --- A529   ---   |      A64            |      R75
                    |      B200 -B24      |      Y431 -Y434
      A529          |      C000 -C97      |      Y632
      A539          |      R75            |      Y842
      B200 -B24     |      Y431 -Y434     |
      C000 -C97     |      Y632           |   --- A58    ---
      R75           |      Y842           |
      Y431 -Y434    |                     |      A58
      Y632          |    --- A562   ---   |      A64
      Y842          |                     |      B200 -B24
                    |      A562           |      C000 -C97
 --- A530 -A539  ---|      A64            |      R75
                    |      B200 -B24      |      Y431 -Y434
      A530 -A539    |      C000 -C97      |      Y632
      B200 -B24     |      R75            |      Y842
      C000 -C97     |      Y431 -Y434     |
      R75           |      Y632           | --- A590 -A599   ---
      Y431 -Y434    |      Y842           |
      Y632          |                     |      A590 -A599
```

```
--- A590 -A599  --- |    --- A65   ---     |    --- A664   ---
     CONTINUED       |      CONTINUED       |      CONTINUED
     B200 -B24       |      Y632            |      Y842
     C000 -C97       |      Y842            |
     R75             |                      |    --- A665   ---
     Y431 -Y434      |    --- A660   ---    |
     Y632            |                      |      A665
     Y842            |      A660            |      A669
                     |      A669            |      B200 -B24
--- A600 -A609  --- |      B200 -B24       |      C000 -C97
                     |      C000 -C97       |      R75
     A600 -A609      |      R75             |      Y431 -Y434
     B200 -B24       |      Y431 -Y434      |      Y632
     C000 -C97       |      Y632            |      Y842
     R75             |      Y842            |
     Y431 -Y434      |                      |    --- A666   ---
     Y632            |    --- A661   ---    |
     Y842            |                      |      A666
                     |      A661            |      A669
   --- A630   ---    |      A669            |      B200 -B24
                     |      B200 -B24       |      C000 -C97
     A509            |      C000 -C97       |      R75
   M A539            |      R75             |      Y431 -Y434
     A630            |      Y431 -Y434      |      Y632
     B200 -B24       |      Y632            |      Y842
     C000 -C97       |      Y842            |
     R75             |                      |    --- A667   ---
     Y431 -Y434      |    --- A662   ---    |
     Y632            |                      |      A667
     Y842            |      A662            |      A669
                     |      A669            |      B200 -B24
   --- A638   ---    |      B200 -B24       |      C000 -C97
                     |      C000 -C97       |      R75
     A638            |      R75             |      Y431 -Y434
     B200 -B24       |      Y431 -Y434      |      Y632
     C000 -C97       |      Y632            |      Y842
     R75             |      Y842            |
     Y431 -Y434      |                      |    --- A668   ---
     Y632            |    --- A663   ---    |
     Y842            |                      |      A668 -A669
                     |      A663            |      B200 -B24
   --- A64    ---    |      A669            |      C000 -C97
                     |      B200 -B24       |      R75
     A64             |      C000 -C97       |      Y431 -Y434
     B200 -B24       |      R75             |      Y632
     C000 -C97       |      Y431 -Y434      |      Y842
     R75             |      Y632            |
     Y431 -Y434      |      Y842            |    --- A669   ---
     Y632            |                      |
     Y842            |    --- A664   ---    |      A669
                     |                      |      B200 -B24
   --- A65    ---    |      A664            |      C000 -C97
                     |      A669            |      R75
     A65             |      B200 -B24       |      Y431 -Y434
     B200 -B24       |      C000 -C97       |      Y632
     C000 -C97       |      R75             |      Y842
     R75             |      Y431 -Y434      |
     Y431 -Y434      |      Y632            |
```

```
--- A670 -A679  --- |    --- A691  ---      |    --- A740   ---
                    |       CONTINUED       |
   A670 -A679       |    R894 -R961         |    A740
   B200 -B24        |    R98  -Y899         |    A749
   C000 -C97        |                       |    B200 -B24
   R75              |    --- A692  ---      |    C000 -C97
   Y431 -Y434       |                       |    R75
   Y632             |    A692               |    Y431 -Y434
   Y842             |    A699               |    Y632
                    |    B200 -B24          |    Y842
   --- A680  ---    |    C000 -C97          |
                    |    R75                |    --- A748   ---
   A680             |    Y431 -Y434         |
   A689             |    Y632               |    A748
   B200 -B24        |    Y842               |    B200 -B24
   C000 -C97        |                       |    C000 -C97
   R75              |    --- A698  ---      |    R75
   Y431 -Y434       |                       |    Y431 -Y434
   Y632             |    A698 -A699         |    Y632
   Y842             |    B200 -B24          |    Y842
                    |    C000 -C97          |
   --- A681  ---    |    R75                |    --- A749   ---
                    |    Y431 -Y434         |
   A681 -A689       |    Y632               |    A749
   B200 -B24        |    Y842               |    B200 -B24
   C000 -C97        |                       |    C000 -C97
   R75              |    --- A699  ---      |    R75
   Y431 -Y434       |                       |    Y431 -Y434
   Y632             |    A699               |    Y632
   Y842             |    B200 -B24          |    Y842
                    |    C000 -C97          |
   --- A689  ---    |    R75                |    --- A750   ---
                    |    Y431 -Y434         |
   A680 -A689       |    Y632               |    A750
   B200 -B24        |    Y842               |    A759
   C000 -C97        |                       |    B200 -B24
   R75              |    --- A70   ---      |    C000 -C97
   Y431 -Y434       |                       |    R75
   Y632             |    A70                |    Y431 -Y434
   Y842             |    B200 -B24          |    Y632
                    |    C000 -C97          |    Y842
   --- A690  ---    |    R75                |
                    |    Y431 -Y434         |    --- A751   ---
   A690             |    Y632               |
   A699             |    Y842               |    A751
   B200 -B24        |                       |    A759
   C000 -C97        | --- A710 -A719   --- |    B200 -B24
   R75              |                       |    C000 -C97
   Y431 -Y434       |    A710 -A719         |    R75
   Y632             |    B200 -B24          |    Y431 -Y434
   Y842             |    C000 -C97          |    Y632
                    |    R75                |    Y842
   --- A691  ---    |    Y431 -Y434         |
                    |    Y632               |    --- A752   ---
   A000 -R825       |    Y842               |
 M R826             |                       |    A752
   R827 -R892       |                       |    B200 -B24
 M R893             |                       |    C000 -C97
```

```
--- A752  ---      |    --- A772  ---      |   --- A791  ---
  CONTINUED        |      CONTINUED        |
 R75               |     Y842              |    A791
 Y431 -Y434        |                       |    A799
 Y632              |    --- A773  ---      |    B200 -B24
 Y842              |                       |    C000 -C97
                   |     A773              |    R75
--- A753  ---      |     A779              |    Y431 -Y434
                   |     B200 -B24         |    Y632
 A753 -A759        |     C000 -C97         |    Y842
 B200 -B24         |     R75               |
 C000 -C97         |     Y431 -Y434        |   --- A798  ---
 R75               |     Y632              |
 Y431 -Y434        |     Y842              |    A798 -A799
 Y632              |                       |    B200 -B24
 Y842              |    --- A778  ---      |    C000 -C97
                   |                       |    R75
--- A759  ---      |     A778 -A779        |    Y431 -Y434
                   |     B200 -B24         |    Y632
 A750 -A759        |     C000 -C97         |    Y842
 B200 -B24         |     R75               |
 C000 -C97         |     Y431 -Y434        |   --- A799  ---
 R75               |     Y632              |
 Y431 -Y434        |     Y842              |    A790 -A799
 Y632              |                       |    B200 -B24
 Y842              |    --- A779  ---      |    C000 -C97
                   |                       |    R75
--- A770  ---      |     A770 -A779        |    Y431 -Y434
                   |     B200 -B24         |    Y632
 A770              |     C000 -C97         |    Y842
 A779              |     R75               |
 B200 -B24         |     Y431 -Y434        |   --- A800  ---
 C000 -C97         |     Y632              |
 R75               |     Y842              |    A800
 Y431 -Y434        |                       |    B200 -B24
 Y632              |    --- A78   ---      |    C000 -C97
 Y842              |                       |    R75
                   |     A78               |    Y431 -Y434
--- A771  ---      |     B200 -B24         |    Y632
                   |     C000 -C97         |    Y842
 A771              |     R75               |
 A779              |     Y431 -Y434        |   --- A801  ---
 B200 -B24         |     Y632              |
 C000 -C97         |     Y842              |    A801
 R75               |                       |    B200 -B24
 Y431 -Y434        |    --- A790  ---      |    C000 -C97
 Y632              |                       |    R75
 Y842              |     A790              |    Y431 -Y434
                   |     A799              |    Y632
--- A772  ---      |     B200 -B24         |    Y842
                   |     C000 -C97         |
 A772              |     R75               |   --- A802  ---
 A779              |     Y431 -Y434        |
 B200 -B24         |     Y632              |    A802
 C000 -C97         |     Y842              |    B200 -B24
 R75               |                       |    C000 -C97
 Y431 -Y434        |                       |    R75
 Y632              |                       |    Y431 -Y434
```

```
--- A802 ---      |    --- A812 ---     |    --- A829 ---
  CONTINUED       |                     |      CONTINUED
  Y632            |     A812            |     Y632
  Y842            |     A819            |     Y842
                  |     B200 -B24       |
--- A803 ---      |     C000 -C97       |    --- A830 ---
                  |     R75             |
  A803            |     Y431 -Y434      |     A830
  B200 -B24       |     Y632            |     A839
  C000 -C97       |     Y842            |     B200 -B24
  R75             |                     |     C000 -C97
  Y431 -Y434      |    --- A818 ---     |     R75
  Y632            |                     |     Y431 -Y434
  Y842            |     A818 -A819      |     Y632
                  |     B200 -B24       |     Y842
--- A804 ---      |     C000 -C97       |
                  |     R75             |    --- A831 ---
  A804            |     Y431 -Y434      |
  B200 -B24       |     Y632            |     A831
  C000 -C97       |     Y842            |     A839
  R75             |                     |     B200 -B24
  Y431 -Y434      |    --- A819 ---     |     C000 -C97
  Y632            |                     |     R75
  Y842            |     A819            |     Y431 -Y434
                  |     B200 -B24       |     Y632
--- A809 ---      |     C000 -C97       |     Y842
                  |     R75             |
  A809            |     Y431 -Y434      |    --- A832 ---
  B200 -B24       |     Y632            |
  C000 -C97       |     Y842            |     A832
  R75             |                     |     A839
  Y431 -Y434      |    --- A820 ---     |     B200 -B24
  Y632            |                     |     C000 -C97
  Y842            |     A820            |     R75
                  |     B200 -B24       |     Y431 -Y434
--- A810 ---      |     C000 -C97       |     Y632
                  |     R75             |     Y842
  A810            |     Y431 -Y434      |
  A819            |     Y632            |    --- A833 ---
  B200 -B24       |     Y842            |
  C000 -C97       |                     |     A833
  R75             |    --- A821 ---     |     A839
  Y431 -Y434      |                     |     B200 -B24
  Y632            |     A821            |     C000 -C97
  Y842            |     B200 -B24       |     R75
                  |     C000 -C97       |     Y431 -Y434
--- A811 ---      |     R75             |     Y632
                  |     Y431 -Y434      |     Y842
  A811            |     Y632            |
  B200 -B24   *   |     Y842            |    --- A834 ---
  C000 -C97   *   |                     |
  R75         *   |    --- A829 ---     |     A834
  Y431 -Y434  *   |                     |     A839
  Y632        *   |     A829            |     B200 -B24
  Y842        *   |     B200 -B24       |     C000 -C97
                  |     C000 -C97       |     R75
                  |     R75             |     Y431 -Y434
                  |     Y431 -Y434      |     Y632
                  |
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

```
--- A834 ---    |    --- A841 ---    |    --- A852 ---
   CONTINUED    |                    |       CONTINUED
  Y842          |     A841           |     Y632
                |     A849           |     Y842
--- A835 ---    |     B200 -B24      |
                |     C000 -C97      |    --- A858 ---
  A835          |     R75            |
  A839          |     Y431 -Y434     |     A858
  B200 -B24     |     Y632           |     B200 -B24
  C000 -C97     |     Y842           |     C000 -C97
  R75           |                    |     R75
  Y431 -Y434    |    --- A848 ---    |     Y431 -Y434
  Y632          |                    |     Y632
  Y842          |     A848 -A849     |     Y842
                |     B200 -B24      |
--- A836 ---    |     C000 -C97      |    --- A86  ---
                |     R75            |
  A836          |     Y431 -Y434     |     A86
  A839          |     Y632           |     A923          *
  B200 -B24     |     Y842           |     B200 -B24
  C000 -C97     |                    |     C000 -C97
  R75           |    --- A849 ---    |     R75
  Y431 -Y434    |                    |     Y431 -Y434
  Y632          |     A840 -A849     |     Y632
  Y842          |     B200 -B24      |     Y842
                |     C000 -C97      |
--- A838 ---    |     R75            |    --- A870 ---
                |     Y431 -Y434     |
  A838 -A839    |     Y632           |     A870
  B200 -B24     |     Y842           |     A879
  C000 -C97     |                    |     B084 -B088
  R75           |    --- A850 ---    |     B200 -B24
  Y431 -Y434    |                    |     B303
  Y632          |     A850           |     B330 -B338
  Y842          |     B200 -B24      |     B341
                |     C000 -C97      |     C000 -C97
--- A839 ---    |     R75            |     R75
                |     Y431 -Y434     |     Y431 -Y434
  A830 -A839    |     Y632           |     Y632
  B200 -B24     |     Y842           |     Y842
  C000 -C97     |                    |
  R75           |    --- A851 ---    |    --- A871 ---
  Y431 -Y434    |                    |
  Y632          |     A851           |     A871
  Y842          |     B200 -B24      |     B200 -B24
                |     C000 -C97      |     C000 -C97
--- A840 ---    |     R75            |     R75
                |     Y431 -Y434     |     Y431 -Y434
  A840          |     Y632           |     Y632
  A849          |     Y842           |     Y842
  B200 -B24     |                    |
  C000 -C97     |    --- A852 ---    |    --- A872 ---
  R75           |                    |
  Y431 -Y434    |     A852           |     A872
  Y632          |     B200 -B24      |     B200 -B24
  Y842          |     C000 -C97      |     C000 -C97
                |     R75            |     R75
                |     Y431 -Y434     |     Y431 -Y434
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

```
--- A872  ---      |    --- A89   ---     |    --- A922  ---
  CONTINUED        |                      |      CONTINUED
  Y632             |    A89               |    C000 -C97
  Y842             |    A923          *   |    R75
                   |    B200 -B24         |    Y431 -Y434
--- A878  ---      |    C000 -C97         |    Y632
                   |    R75               |    Y842
  A080 -A085       |    Y431 -Y434        |
  A878             |    Y632              |    --- A923  ---
  B200 -B24        |    Y842              |
  C000 -C97        |                      |    A923
  R75              |    --- A90   ---     |    A929
  Y431 -Y434       |                      |    B200 -B24
  Y632             |    A90               |    C000 -C97
  Y842             |    B200 -B24         |    R75
                   |    C000 -C97         |    Y431 -Y434
--- A879  ---      |    R75               |    Y632
                   |    Y431 -Y434        |    Y842
  A080 -A085       |    Y632              |
  A879             |    Y842              |    --- A924  ---
  A923         *   |                      |
  B200 -B24        |    --- A91   ---     |    A924
  C000 -C97        |                      |    A929
  R75              |    A91               |    B200 -B24
  Y431 -Y434       |    B200 -B24         |    C000 -C97
  Y632             |    C000 -C97         |    R75
  Y842             |    R75               |    Y431 -Y434
                   |    Y431 -Y434        |    Y632
--- A880  ---      |    Y632              |    Y842
                   |    Y842              |
  A880             |                      |    --- A928  ---
  B200 -B24        |    --- A920  ---     |
  C000 -C97        |                      |    A928 -A929
  R75              |    A920              |    B200 -B24
  Y431 -Y434       |    A929              |    C000 -C97
  Y632             |    B200 -B24         |    R75
  Y842             |    C000 -C97         |    Y431 -Y434
                   |    R75               |    Y632
--- A881  ---      |    Y431 -Y434        |    Y842
                   |    Y632              |
  A881             |    Y842              |    --- A929  ---
  B200 -B24        |                      |
  C000 -C97        |    --- A921  ---     |    A920 -A929
  R75              |                      |    B200 -B24
  Y431 -Y434       |    A921              |    C000 -C97
  Y632             |    A929              |    R75
  Y842             |    B200 -B24         |    Y431 -Y434
                   |    C000 -C97         |    Y632
--- A888  ---      |    R75               |    Y842
                   |    Y431 -Y434        |
  A888             |    Y632              |    --- A930  ---
  B200 -B24        |    Y842              |
  C000 -C97        |                      |    A930
  R75              |    --- A922  ---     |    B200 -B24
  Y431 -Y434       |                      |    C000 -C97
  Y632             |    A922              |    R75
  Y842             |    A929              |    Y431 -Y434
                   |    B200 -B24         |    Y632
```

```
--- A930 ---        |    --- A951  ---     |    --- A969  ---
   CONTINUED        |       CONTINUED      |
   Y842             |     B200 -B24        |     A969
                    |     C000 -C97        |     B200 -B24
--- A931  ---       |     R75              |     C000 -C97
                    |     Y431 -Y434       |     R75
 A931               |     Y632             |     Y431 -Y434
 B200 -B24          |     Y842             |     Y632
 C000 -C97          |                      |     Y842
 R75                |    --- A959  ---      |
 Y431 -Y434         |                      |    --- A980  ---
 Y632               |     A950 -A959       |
 Y842               |     B200 -B24        |     A980
                    |     C000 -C97        |     B200 -B24
--- A932  ---       |     R75              |     C000 -C97
                    |     Y431 -Y434       |     R75
 A932               |     Y632             |     Y431 -Y434
 B200 -B24          |     Y842             |     Y632
 C000 -C97          |                      |     Y842
 R75                |    --- A960  ---      |
 Y431 -Y434         |                      |    --- A981  ---
 Y632               |     A960             |
 Y842               |     B200 -B24        |     A981
                    |     C000 -C97        |     B200 -B24
--- A938  ---       |     R75              |     C000 -C97
                    |     Y431 -Y434       |     R75
 A938               |     Y632             |     Y431 -Y434
 B200 -B24          |     Y842             |     Y632
 C000 -C97          |                      |     Y842
 R75                |    --- A961  ---      |
 Y431 -Y434         |                      |    --- A982  ---
 Y632               |     A961             |
 Y842               |     B200 -B24        |     A982
                    |     C000 -C97        |     B200 -B24
--- A94   ---       |     R75              |     C000 -C97
                    |     Y431 -Y434       |     R75
 A94                |     Y632             |     Y431 -Y434
 B200 -B24          |     Y842             |     Y632
 C000 -C97          |                      |     Y842
 R75                |    --- A962  ---      |
 Y431 -Y434         |                      |    --- A983  ---
 Y632               |     A962             |
 Y842               |     B200 -B24        |     A983
                    |     C000 -C97        |     B200 -B24
--- A950  ---       |     R75              |     C000 -C97
                    |     Y431 -Y434       |     R75
 A950               |     Y632             |     Y431 -Y434
 A959               |     Y842             |     Y632
 B200 -B24          |                      |     Y842
 C000 -C97          |    --- A968  ---      |
 R75                |                      |    --- A984  ---
 Y431 -Y434         |     A968             |
 Y632               |     B200 -B24        |     A984
 Y842               |     C000 -C97        |     B200 -B24
                    |     R75              |     C000 -C97
--- A951  ---       |     Y431 -Y434       |     R75
                    |     Y632             |     Y431 -Y434
 A951 -A959         |     Y842             |     Y632
```

```
                        TABLE D
       CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

     --- A984  ---     |     --- B011  ---     |   --- B020 -B029  ---
       CONTINUED       |                       |         CONTINUED
       Y842            |     A162 -A199        |       Y842
                       |     B011              |
     --- A985  ---     |     B200 -B24         |     --- B03   ---
                       |     C000 -C97         |
       A985            |     E100 -E149        |       B03
       B200 -B24       |     R75               |       B200 -B24
       C000 -C97       |     Y431 -Y434        |       C000 -C97
       R75             |     Y632              |       R75
       Y431 -Y434      |     Y842              |       Y431 -Y434
       Y632            |                       |       Y632
       Y842            |     --- B012  ---     |       Y842
                       |                       |
     --- A988  ---     |     A162 -A199        |     --- B04   ---
                       |     B012              |
       A988            |     B200 -B24         |       B03  -B04
       B200 -B24       |     C000 -C97         |       B200 -B24
       C000 -C97       |     E100 -E149        |       C000 -C97
       R75             |     R75               |       R75
       Y431 -Y434      |     Y431 -Y434        |       Y431 -Y434
       Y632            |     Y632              |       Y632
       Y842            |     Y842              |       Y842
                       |                       |
     --- A99   ---     |     --- B018  ---     |   --- B050 -B059  ---
                       |                       |
       A99             |     A162 -A199        |       B050 -B059
       B200 -B24       |     B018              |       B200 -B24
       C000 -C97       |     B200 -B24         |       C000 -C97
       R75             |     C000 -C97         |       R75
       Y431 -Y434      |     E100 -E149        |       Y431 -Y434
       Y632            |     R75               |       Y632
       Y842            |     Y431 -Y434        |       Y842
                       |     Y632              |
   --- B000 -B009  --- |     Y842              |   --- B060 -B069  ---
                       |                       |
       B000 -B009      |     --- B019  ---     |       B060 -B069
       B200 -B24       |                       |       B200 -B24
       C000 -C97       |     A162 -A199        |       C000 -C97
       R75             |     B019              |       R75
       Y431 -Y434      |     B200 -B24         |       Y431 -Y434
       Y632            |     C000 -C97         |       Y632
       Y842            |     E100 -E149        |       Y842
                       |     R75               |
     --- B010  ---     |     Y431 -Y434        |     --- B07   ---
                       |     Y632              |
       A162 -A199      |     Y842              |     M A1690
       B010            |                       |       B07
       B200 -B24       |   --- B020 -B029  --- |       B200 -B24
       C000 -C97       |                       |       C000 -C97
       E100 -E149      |     A162 -A199        |     M R238
       R75             |     B020 -B029        |       R75
       Y431 -Y434      |     B200 -B24         |       Y431 -Y434
       Y632            |     C000 -C97         |       Y632
       Y842            |     E100 -E149        |       Y842
                       |     R75               |
                       |     Y431 -Y434        |
                       |     Y632              |
                       |
```

```
--- B080  ---      |    --- B085  ---      |    --- B160  ---
                   |       CONTINUED       |       CONTINUED
   B080            |     Y842              |    M Y881
   B200 -B24       |                       |
   C000 -C97       |    --- B088  ---      |    --- B161  ---
   R75             |                       |
   Y431 -Y434      |     B088              |     B161
   Y632            |     B200 -B24         |     B199 -B24
   Y842            |     C000 -C97         |     C000 -C97
                   |     R75               |     R75
--- B081  ---      |     Y431 -Y434        |     Y431 -Y434
                   |     Y632              |     Y632
   B081            |     Y842              |     Y640 -Y649
   B200 -B24       |                       |     Y842
   C000 -C97       |    --- B09   ---      |    M Y881
   R75             |                       |
   Y431 -Y434      |     B09               |    --- B162  ---
   Y632            |     B200 -B24         |
   Y842            |     C000 -C97         |     B162
                   |     R75               |     B199 -B24
--- B082  ---      |     Y431 -Y434        |     C000 -C97
                   |     Y632              |     R75
   B082            |     Y842              |     Y431 -Y434
   B200 -B24       |                       |     Y632
   C000 -C97       |    --- B150  ---      |     Y640 -Y649
   R75             |                       |     Y842
   Y431 -Y434      |     B150              |    M Y881
   Y632            |     B199 -B24         |
   Y842            |     C000 -C97         |    --- B169  ---
                   |     R75               |
--- B083  ---      |     Y431 -Y434        |     B169
                   |     Y632              |     B199 -B24
   B083            |     Y640 -Y649        |     C000 -C97
   B200 -B24       |     Y842              |     R75
   C000 -C97       |    M Y881             |     Y431 -Y434
   R75             |                       |     Y632
   Y431 -Y434      |    --- B159  ---      |     Y640 -Y649
   Y632            |                       |     Y842
   Y842            |     B159              |    M Y881
                   |     B199 -B24         |
--- B084  ---      |     C000 -C97         |    --- B170  ---
                   |     R75               |
   B084            |     Y431 -Y434        |     B170
   B200 -B24       |     Y632              |     B199 -B24
   C000 -C97       |     Y640 -Y649        |     C000 -C97
   R75             |     Y842              |     R75
   Y431 -Y434      |    M Y881             |     Y431 -Y434
   Y632            |                       |     Y632
   Y842            |    --- B160  ---      |     Y640 -Y649
                   |                       |     Y842
--- B085  ---      |     B160              |    M Y881
                   |     B199 -B24         |
   B085            |     C000 -C97         |    --- B171  ---
   B200 -B24       |     R75               |
   C000 -C97       |     Y431 -Y434        |     B171
   R75             |     Y632              |     B199 -B24
   Y431 -Y434      |     Y640 -Y649        |     C000 -C97
   Y632            |     Y842              |     R75
```

```
    --- B171  ---      |     --- B182  ---      | --- B200 -B24    ---
       CONTINUED       |                        |
    Y431 -Y434         |     B182               |    B200 -B24
    Y632               |     B199 -B24          |    R75
    Y640 -Y649         |     C000 -C97          |
    Y842               |     R75                |     --- B250   ---
M   Y881               |     Y431 -Y434         |
                       |     Y632               |    B200 -B250
    --- B172  ---      |     Y640 -Y649         |    C000 -C97
                       |     Y842               |    R75
    B172               | M   Y881               |    Y431 -Y434
    B199 -B24          |                        |    Y632
    C000 -C97          |     --- B188  ---      |    Y842
    R75                |                        |
    Y431 -Y434         |     B188               |     --- B251   ---
    Y632               |     B199 -B24          |
    Y640 -Y649         |     C000 -C97          |    B200 -B24
    Y842               |     R75                |    B251
M   Y881               |     Y431 -Y434         |    C000 -C97
                       |     Y632               |    R75
    --- B178  ---      |     Y640 -Y649         |    Y431 -Y434
                       |     Y842               |    Y632
    B178               | M   Y881               |    Y842
    B199 -B24          |                        |
    C000 -C97          |     --- B189  ---      |    --- B252   ---
    R75                |                        |
    Y431 -Y434         |     B189               |    B200 -B24
    Y632               |     B199 -B24          |    B252
    Y640 -Y649         |     C000 -C97          |    C000 -C97
    Y842               |     R75                |    R75
M   Y881               |     Y431 -Y434         |    Y431 -Y434
                       |     Y632               |    Y632
    --- B180  ---      |     Y640 -Y649         |    Y842
                       |     Y842               |
    B180               | M   Y881               |    --- B258   ---
    B199 -B24          |                        |
    C000 -C97          |     --- B190  ---      |    B200 -B24
    R75                |                        |    B258
    Y431 -Y434         |     B190 -B24          |    C000 -C97
    Y632               |     C000 -C97          |    R75
    Y640 -Y649         |     R75                |    Y431 -Y434
    Y842               |     Y431 -Y434         |    Y632
M   Y881               |     Y632               |    Y842
                       |     Y640 -Y649         |
    --- B181  ---      |     Y842               |    --- B259   ---
                       | M   Y881               |
    B181               |                        |    B200 -B24
    B199 -B24          |     --- B199  ---      |    B259
    C000 -C97          |                        |    C000 -C97
    R75                |     B199 -B24          |    R75
    Y431 -Y434         |     B259               |    Y431 -Y434
    Y632               |     C000 -C97          |    Y632
    Y640 -Y649         |     R75                |    Y842
    Y842               |     Y431 -Y434         |
M   Y881               |     Y632               | --- B260 -B269   ---
                       |     Y640 -Y649         |
                       |     Y842               |    B200 -B24
                       | M   Y881               |    B260 -B269
                       |
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

```
--- B260 -B269  --- |    --- B301  ---    |    --- B330  ---
     CONTINUED       |                     |      CONTINUED
  C000 -C97          |   B200 -B24         |    R75
  R75                |   B301              |    Y431 -Y434
  Y431 -Y434         |   B309              |    Y632
  Y632               |   C000 -C97         |    Y842
  Y842               |   R75               |
                     |   Y431 -Y434        |    --- B331  ---
   --- B270  ---     |   Y632              |
                     |   Y842              |    B200 -B24
  B200 -B24          |                     |    B331
  B270               |    --- B302  ---    |    C000 -C97
  C000 -C97          |                     |    R75
  R75                |   B200 -B24         |    Y431 -Y434
  Y431 -Y434         |   B302              |    Y632
  Y632               |   B309              |    Y842
  Y842               |   C000 -C97         |
                     |   R75               |    --- B332  ---
   --- B271  ---     |   Y431 -Y434        |
                     |   Y632              |    B200 -B24
  B200 -B24          |   Y842              |    B332
  B271               |                     |    C000 -C97
  C000 -C97          |    --- B303  ---    |    R75
  R75                |                     |    Y431 -Y434
  Y431 -Y434         |   B200 -B24         |    Y632
  Y632               |   B303              |    Y842
  Y842               |   B309              |
                     |   C000 -C97         |    --- B333  ---
   --- B278  ---     |   R75               |
                     |   Y431 -Y434        |    B200 -B24
  B200 -B24          |   Y632              |    B333
  B278               |   Y842              |    C000 -C97
  C000 -C97          |                     |    R75
  R75                |    --- B308  ---    |    Y431 -Y434
  Y431 -Y434         |                     |    Y632
  Y632               |   B200 -B24         |    Y842
  Y842               |   B308 -B309        |
                     |   C000 -C97         |    --- B338  ---
   --- B279  ---     |   R75               |
                     |   Y431 -Y434        |    B200 -B24
  B200 -B24          |   Y632              |    B338
  B279               |   Y842              |    C000 -C97
  C000 -C97          |                     |    R75
  R75                |    --- B309  ---    |    Y431 -Y434
  Y431 -Y434         |                     |    Y632
  Y632               |   B200 -B24         |    Y842
  Y842               |   B300 -B309        |
                     |   C000 -C97         |    --- B340  ---
   --- B300  ---     |   R75               |
                     |   Y431 -Y434        |    B200 -B24
  B200 -B24          |   Y632              |    B340
  B300               |   Y842              |    C000 -C97
  B309               |                     |    R75
  C000 -C97          |    --- B330  ---    |    Y431 -Y434
  R75                |                     |    Y632
  Y431 -Y434         |   B200 -B24         |    Y842
  Y632               |   B330              |
  Y842               |   C000 -C97         |
```

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```
    --- B341  ---    |    --- B349  ---    |    --- B518  ---
                     |       CONTINUED     |       CONTINUED
    B200 -B24        |     Y842            |     R75
    B341             |                     |     Y431 -Y434
    C000 -C97        |  --- B350 -B49   ---|     Y632
    R75              |                     |     Y842
    Y431 -Y434       |                     |
    Y632             |     A000 -R825      |    --- B519  ---
    Y842             |   M R826            |
                     |     R827 -R892      |
                     |   M R893            |     B200 -B24
    --- B342  ---    |     R894 -R961      |     B510 -B519
                     |     R98  -Y899      |     C000 -C97
    B200 -B24        |                     |     R75
    B342             |     --- B500  ---   |     Y431 -Y434
    C000 -C97        |                     |     Y632
    R75              |                     |     Y842
    Y431 -Y434       |     B200 -B24       |
    Y632             |     B500            |    --- B520  ---
    Y842             |     C000 -C97       |
                     |     R75             |     B200 -B24
    --- B343  ---    |     Y431 -Y434      |     B520
                     |     Y632            |     C000 -C97
    B200 -B24        |     Y842            |     R75
    B343             |                     |     Y431 -Y434
    C000 -C97        |     --- B508  ---   |     Y632
    R75              |                     |     Y842
    Y431 -Y434       |     B200 -B24       |
    Y632             |     B508            |    --- B528  ---
    Y842             |     C000 -C97       |
                     |     R75             |     B200 -B24
    --- B344  ---    |     Y431 -Y434      |     B528
                     |     Y632            |     C000 -C97
    B200 -B24        |     Y842            |     R75
    B344             |                     |     Y431 -Y434
    C000 -C97        |     --- B509  ---   |     Y632
    R75              |                     |     Y842
    Y431 -Y434       |     B200 -B24       |
    Y632             |     B500 -B509      |    --- B529  ---
    Y842             |     C000 -C97       |
                     |     R75             |     B200 -B24
    --- B348  ---    |     Y431 -Y434      |     B520 -B529
                     |     Y632            |     C000 -C97
    B200 -B24        |     Y842            |     R75
    B348             |                     |     Y431 -Y434
    C000 -C97        |     --- B510  ---   |     Y632
    R75              |                     |     Y842
    Y431 -Y434       |     B200 -B24       |
    Y632             |     B510            |    --- B530  ---
    Y842             |     C000 -C97       |
                     |     R75             |     B200 -B24
    --- B349  ---    |     Y431 -Y434      |     B530
                     |     Y632            |     C000 -C97
    B200 -B24        |     Y842            |     R75
    B349             |                     |     Y431 -Y434
    C000 -C97        |     --- B518  ---   |     Y632
    R75              |                     |     Y842
    Y431 -Y434       |     B200 -B24       |
    Y632             |     B518            |
                     |     C000 -C97       |
```

```
  --- B531  ---    |   --- B552  ---    |   --- B571   ---

  B200 -B24        |    CONTINUED       |   B200 -B24
  B531             |   Y431 -Y434       |   B571
  C000 -C97        |   Y632             |   B575
  R75              |   Y842             |   C000 -C97
  Y431 -Y434       |                    |   R75
  Y632             |   --- B559  ---    |   Y431 -Y434
  Y842             |                    |   Y632
                   |   B200 -B24        |   Y842
  --- B538  ---    |   B550 -B559       |
                   |   C000 -C97        |   --- B572  ---
  B200 -B24        |   R75              |
  B530 -B538       |   Y431 -Y434       |   B200 -B24
  C000 -C97        |   Y632             |   B572
  R75              |   Y842             |   B575
  Y431 -Y434       |                    |   C000 -C97
  Y632             |   --- B560  ---    |   R75
  Y842             |                    |   Y431 -Y434
                   |   B200 -B24        |   Y632
  --- B54   ---    |   B560             |   Y842
                   |   B569             |
  B200 -B24        |   C000 -C97        |   --- B573  ---
  B500 -B54        |   R75              |
  C000 -C97        |   Y431 -Y434       |   B200 -B24
  R75              |   Y632             |   B573
  Y431 -Y434       |   Y842             |   B575
  Y632             |                    |   C000 -C97
  Y842             |   --- B561  ---    |   R75
                   |                    |   Y431 -Y434
  --- B550  ---    |   B200 -B24        |   Y632
                   |   B561 -B569       |   Y842
  B200 -B24        |   C000 -C97        |
  B550             |   R75              |   --- B574  ---
  B559             |   Y431 -Y434       |
  C000 -C97        |   Y632             |   B200 -B24
  R75              |   Y842             |   B574 -B575
  Y431 -Y434       |                    |   C000 -C97
  Y632             |   --- B569  ---    |   R75
  Y842             |                    |   Y431 -Y434
                   |   B200 -B24        |   Y632
  --- B551  ---    |   B560 -B569       |   Y842
                   |   C000 -C97        |
  B200 -B24        |   R75              |   --- B575  ---
  B551             |   Y431 -Y434       |
  B559             |   Y632             |   B200 -B24
  C000 -C97        |   Y842             |   B575
  R75              |                    |   C000 -C97
  Y431 -Y434       |   --- B570  ---    |   R75
  Y632             |                    |   Y431 -Y434
  Y842             |   B200 -B24        |   Y632
                   |   B570             |   Y842
  --- B552  ---    |   B575             |
                   |   C000 -C97        |  --- B580 -B589   ---
  B200 -B24        |   R75              |
  B552 -B559       |   Y431 -Y434       |   B200 -B24
  C000 -C97        |   Y632             |   B580 -B589
  R75              |   Y842             |   C000 -C97
```

```
--- B580 -B589  --- |    --- B608  ---     |    --- B658   ---
      CONTINUED      |      CONTINUED       |
     R75             |     Y842             |     B200 -B24
     Y431 -Y434      |                      |     B658 -B659
     Y632            |    --- B64    ---    |     C000 -C97
     Y842            |                      |     R75
                     |     B200 -B24        |     Y431 -Y434
   --- B59    ---    |     B64              |     Y632
                     |     C000 -C97        |     Y842
     B200 -B24       |     R75              |
     B59             |     Y431 -Y434       |    --- B659   ---
     C000 -C97       |     Y632             |
     R75             |     Y842             |     B200 -B24
     Y431 -Y434      |                      |     B650 -B659
     Y632            |    --- B650   ---    |     C000 -C97
     Y842            |                      |     R75
                     |     B200 -B24        |     Y431 -Y434
   --- B600   ---    |     B650             |     Y632
                     |     B659             |     Y842
     B200 -B24       |     C000 -C97        |
     B600            |     R75              |    --- B660   ---
     B64             |     Y431 -Y434       |
     C000 -C97       |     Y632             |     B200 -B24
     R75             |     Y842             |     B660
     Y431 -Y434      |                      |     B669
     Y632            |    --- B651   ---    |     C000 -C97
     Y842            |                      |     R75
                     |     B200 -B24        |     Y431 -Y434
   --- B601   ---    |     B651             |     Y632
                     |     B659             |     Y842
     B200 -B24       |     C000 -C97        |
     B601            |     R75              |    --- B661   ---
     B64             |     Y431 -Y434       |
     C000 -C97       |     Y632             |     B200 -B24
     R75             |     Y842             |     B661
     Y431 -Y434      |                      |     B669
     Y632            |    --- B652   ---    |     C000 -C97
     Y842            |                      |     R75
                     |     B200 -B24        |     Y431 -Y434
   --- B602   ---    |     B652             |     Y632
                     |     B659             |     Y842
     B200 -B24       |     C000 -C97        |
     B602            |     R75              |    --- B662   ---
     B64             |     Y431 -Y434       |
     C000 -C97       |     Y632             |     B200 -B24
     R75             |     Y842             |     B662
     Y431 -Y434      |                      |     B669
     Y632            |    --- B653   ---    |     C000 -C97
     Y842            |                      |     R75
                     |     B200 -B24        |     Y431 -Y434
   --- B608   ---    |     B653             |     Y632
                     |     B659             |     Y842
     B200 -B24       |     C000 -C97        |
     B608 -B64       |     R75              |    --- B663   ---
     C000 -C97       |     Y431 -Y434       |
     R75             |     Y632             |     B200 -B24
     Y431 -Y434      |     Y842             |     B663
     Y632            |                      |     B669
```

```
--- B663  ---     | --- B670 -B674  --- |   --- B689   ---
  CONTINUED       |     CONTINUED       |
 C000 -C97        |    Y632             |    B200 -B24
 R75              |    Y842             |    B689
 Y431 -Y434       |                     |    C000 -C97
 Y632             | --- B675 -B677  --- |    R75
 Y842             |                     |    Y431 -Y434
                  |    B200 -B24        |    Y632
 --- B664   ---   |    B675 -B677       |    Y842
                  |    B679             |
 B200 -B24        |    C000 -C97        |   --- B690   ---
 B664             |    R75              |
 B669             |    Y431 -Y434       |    B200 -B24
 C000 -C97        |    Y632             |    B690
 R75              |    Y842             |    B699
 Y431 -Y434       |                     |    C000 -C97
 Y632             |    --- B678   ---   |    R75
 Y842             |                     |    Y431 -Y434
                  |    B200 -B24        |    Y632
 --- B665   ---   |    B670             |    Y842
                  |    B674 -B675       |
 B200 -B24        |    B677 -B679       |   --- B691   ---
 B665             |    C000 -C97        |
 B669             |    R75              |    B200 -B24
 C000 -C97        |    Y431 -Y434       |    B691
 R75              |    Y632             |    B699
 Y431 -Y434       |    Y842             |    C000 -C97
 Y632             |                     |    R75
 Y842             |    --- B679   ---   |    Y431 -Y434
                  |                     |    Y632
 --- B668   ---   |    B200 -B24        |    Y842
                  |    B670 -B679       |
 B200 -B24        |    C000 -C97        |   --- B698   ---
 B668 -B669       |    R75              |
 C000 -C97        |    Y431 -Y434       |    B200 -B24
 R75              |    Y632             |    B698 -B699
 Y431 -Y434       |    Y842             |    C000 -C97
 Y632             |                     |    R75
 Y842             |    --- B680   ---   |    Y431 -Y434
                  |                     |    Y632
 --- B669   ---   |    B200 -B24        |    Y842
                  |    B680             |
 B200 -B24        |    B689             |   --- B699   ---
 B660 -B669       |    C000 -C97        |
 C000 -C97        |    R75              |    B200 -B24
 R75              |    Y431 -Y434       |    B699
 Y431 -Y434       |    Y632             |    C000 -C97
 Y632             |    Y842             |    R75
 Y842             |                     |    Y431 -Y434
                  |    --- B681   ---   |    Y632
--- B670 -B674   ---  |                 |    Y842
                  |    B200 -B24        |
 B200 -B24        |    B681 -B689       | --- B700 -B701   ---
 B670 -B674       |    C000 -C97        |
 B679             |    R75              |    B200 -B24
 C000 -C97        |    Y431 -Y434       |    B700 -B701
 R75              |    Y632             |    C000 -C97
 Y431 -Y434       |    Y842             |    R75
```

```
--- B700 -B701  --- |     --- B73    ---      |    --- B744  ---
      CONTINUED      |                         |       CONTINUED
      Y431 -Y434     |      B200 -B24          |       B749
      Y632           |      B73                |       C000 -C97
      Y842           |      C000 -C97          |       R75
                     |      R75                |       Y431 -Y434
   --- B710  ---     |      Y431 -Y434         |       Y632
                     |      Y632               |       Y842
      B200 -B24      |      Y842               |
      B710           |                         |    --- B748  ---
      B719           |     --- B740  ---       |
      C000 -C97      |                         |       B200 -B24
      R75            |      B200 -B24          |       B748 -B749
      Y431 -Y434     |      B740               |       C000 -C97
      Y632           |      B749               |       R75
      Y842           |      C000 -C97          |       Y431 -Y434
                     |      R75                |       Y632
   --- B711  ---     |      Y431 -Y434         |       Y842
                     |      Y632               |
      B200 -B24      |      Y842               |    --- B749  ---
      B711           |                         |
      B719           |     --- B741  ---       |       B200 -B24
      C000 -C97      |                         |       B740 -B749
      R75            |      B200 -B24          |       C000 -C97
      Y431 -Y434     |      B741               |       R75
      Y632           |      B749               |       Y431 -Y434
      Y842           |      C000 -C97          |       Y632
                     |      R75                |       Y842
   --- B718  ---     |      Y431 -Y434         |
                     |      Y632               |    --- B75    ---
      B200 -B24      |      Y842               |
      B718 -B719     |                         |       B200 -B24
      C000 -C97      |     --- B742  ---       |       B75
      R75            |                         |       C000 -C97
      Y431 -Y434     |      B200 -B24          |       R75
      Y632           |      B742               |       Y431 -Y434
      Y842           |      B749               |       Y632
                     |      C000 -C97          |       Y842
   --- B719  ---     |      R75                |
                     |      Y431 -Y434         |    --- B760  ---
      B200 -B24      |      Y632               |
      B710 -B719     |      Y842               |       B200 -B24
      C000 -C97      |                         |       B760
      R75            |     --- B743  ---       |       B769
      Y431 -Y434     |                         |       C000 -C97
      Y632           |      B200 -B24          |       R75
      Y842           |      B743               |       Y431 -Y434
                     |      B749               |       Y632
   --- B72    ---    |      C000 -C97          |       Y842
                     |      R75                |
      B200 -B24      |      Y431 -Y434         |    --- B761  ---
      B72            |      Y632               |
      C000 -C97      |      Y842               |       B200 -B24
      R75            |                         |       B761
      Y431 -Y434     |     --- B744  ---       |       B769
      Y632           |                         |       C000 -C97
      Y842           |      B200 -B24          |       R75
                     |      B744               |       Y431 -Y434
```

```
--- B761 ---     |     --- B780 ---     |     --- B80  ---
  CONTINUED      |                       |        CONTINUED
  Y632           |     B200 -B24         |     Y431 -Y434
  Y842           |     B780              |     Y632
                 |     B789              |     Y842
--- B768 ---     |     C000 -C97         |
                 |     R75               |     --- B810 ---
 B200 -B24       |     Y431 -Y434        |
 B768 -B769      |     Y632              |     B200 -B24
 C000 -C97       |     Y842              |     B810
 R75             |                       |     B820
 Y431 -Y434      |     --- B781 ---      |     C000 -C97
 Y632            |                       |     R75
 Y842            |     B200 -B24         |     Y431 -Y434
                 |     B781              |     Y632
--- B769 ---     |     B789              |     Y842
                 |     C000 -C97         |
 B200 -B24       |     R75               |     --- B811 ---
 B760 -B769      |     Y431 -Y434        |
 C000 -C97       |     Y632              |     B200 -B24
 R75             |     Y842              |     B811
 Y431 -Y434      |                       |     B820
 Y632            |     --- B787 ---      |     C000 -C97
 Y842            |                       |     R75
                 |     B200 -B24         |     Y431 -Y434
--- B770 ---     |     B787 -B789        |     Y632
                 |     C000 -C97         |     Y842
 B200 -B24       |     R75               |
 B770            |     Y431 -Y434        |     --- B812 ---
 B779            |     Y632              |
 C000 -C97       |     Y842              |     B200 -B24
 R75             |                       |     B812
 Y431 -Y434      |     --- B789 ---      |     B820
 Y632            |                       |     C000 -C97
 Y842            |     B200 -B24         |     R75
                 |     B789              |     Y431 -Y434
--- B778 ---     |     C000 -C97         |     Y632
                 |     R75               |     Y842
 B200 -B24       |     Y431 -Y434        |
 B778 -B779      |     Y632              |     --- B813 ---
 C000 -C97       |     Y842              |
 R75             |                       |     B200 -B24
 Y431 -Y434      |     --- B79  ---      |     B813
 Y632            |                       |     B820
 Y842            |     B200 -B24         |     C000 -C97
                 |     B79               |     R75
--- B779 ---     |     C000 -C97         |     Y431 -Y434
                 |     R75               |     Y632
 B200 -B24       |     Y431 -Y434        |     Y842
 B779            |     Y632              |
 C000 -C97       |     Y842              |     --- B814 ---
 R75             |                       |
 Y431 -Y434      |     --- B80  ---      |     B200 -B24
 Y632            |                       |     B814
 Y842            |     B200 -B24         |     B820
                 |     B80               |     C000 -C97
                 |     C000 -C97         |     R75
                 |     R75               |     Y431 -Y434
                 |
```

```
--- B814  ---      |   --- B832  ---     |   --- B850 -B854  ---
   CONTINUED       |                     |        CONTINUED
   Y632            |     B200 -B24       |     R75
   Y842            |     B832            |     Y431 -Y434
                   |     B839            |     Y632
--- B818  ---      |     C000 -C97       |     Y842
                   |     R75             |
   B200 -B24       |     Y431 -Y434      |    --- B86    ---
   B818 -B820      |     Y632            |
   C000 -C97       |     Y842            |     B200 -B24
   R75             |                     |     B86
   Y431 -Y434      |    --- B833  ---    |     C000 -C97
   Y632            |                     |     R75
   Y842            |     B200 -B24       |     Y431 -Y434
                   |     B833            |     Y632
--- B820  ---      |     B839            |     Y842
                   |     C000 -C97       |
   B200 -B24       |     R75             |    --- B870  ---
   B810 -B820      |     Y431 -Y434      |
   C000 -C97       |     Y632            |     B200 -B24
   R75             |     Y842            |     B870
   Y431 -Y434      |                     |     B879
   Y632            |    --- B834  ---    |     C000 -C97
   Y842            |                     |     R75
                   |     B200 -B24       |     Y431 -Y434
--- B829  ---      |     B834            |     Y632
                   |     B839            |     Y842
   B200 -B24       |     C000 -C97       |
   B829            |     R75             |    --- B871  ---
   C000 -C97       |     Y431 -Y434      |
   R75             |     Y632            |     B200 -B24
   Y431 -Y434      |     Y842            |     B871
   Y632            |                     |     B879
   Y842            |    --- B838  ---    |     C000 -C97
                   |                     |     R75
--- B830  ---      |     B200 -B24       |     Y431 -Y434
                   |     B838 -B839      |     Y632
   B200 -B24       |     C000 -C97       |     Y842
   B830            |     R75             |
   B839            |     Y431 -Y434      |    --- B872  ---
   C000 -C97       |     Y632            |
   R75             |     Y842            |     B200 -B24
   Y431 -Y434      |                     |     B872
   Y632            |    --- B839  ---    |     B879
   Y842            |                     |     C000 -C97
                   |     B200 -B24       |     R75
--- B831  ---      |     B830 -B839      |     Y431 -Y434
                   |     C000 -C97       |     Y632
   B200 -B24       |     R75             |     Y842
   B831            |     Y431 -Y434      |
   B839            |     Y632            |    --- B873  ---
   C000 -C97       |     Y842            |
   R75             |                     |     B200 -B24
   Y431 -Y434      | --- B850 -B854  --- |     B873
   Y632            |                     |     B879
   Y842            |     B200 -B24       |     C000 -C97
                   |     B850 -B854      |     R75
                   |     C000 -C97       |     Y431 -Y434
```

```
--- B873 ---       |    --- B882 ---       |    --- B901  ---
  CONTINUED         |                        |      CONTINUED
  Y632              |    B200 -B24           |      Y632
  Y842              |    B882                |      Y842
                     |    B889                |
--- B874  ---       |    C000 -C97           |    --- B902  ---
                     |    R75                 |
  B200 -B24         |    Y431 -Y434          |      B200 -B24
  B874              |    Y632                |      B902
  B879              |    Y842                |      C000 -C97
  C000 -C97         |                        |      R75
  R75               |    --- B888  ---       |      Y431 -Y434
  Y431 -Y434        |                        |      Y632
  Y632              |    B200 -B24           |      Y842
  Y842              |    B888 -B889          |
                     |    C000 -C97           |    --- B908  ---
--- B878  ---       |    R75                 |
                     |    Y431 -Y434          |      B200 -B24
  B200 -B24         |    Y632                |      B908
  B878 -B879        |    Y842                |      C000 -C97
  C000 -C97         |                        |      R75
  R75               |    --- B889  ---       |      Y431 -Y434
  Y431 -Y434        |                        |      Y632
  Y632              |    B200 -B24           |      Y842
  Y842              |    B880 -B889          |
                     |    C000 -C97           |    --- B909  ---
--- B879  ---       |    R75                 |
                     |    Y431 -Y434          |      B200 -B24
  B200 -B24         |    Y632                |      B909
  B870 -B879        |    Y842                |      C000 -C97
  C000 -C97         |                        |      R75
  R75               |    --- B89   ---       |      Y431 -Y434
  Y431 -Y434        |                        |      Y632
  Y632              |    B200 -B24           |      Y842
  Y842              |    B89                 |
                     |    C000 -C97           |    --- B91   ---
--- B880  ---       |    R75                 |
                     |    Y431 -Y434          |      B200 -B24
  B200 -B24         |    Y632                |      B91
  B880              |    Y842                |      C000 -C97
  B889              |                        |      R75
  C000 -C97         |    --- B900  ---       |      Y431 -Y434
  R75               |                        |      Y632
  Y431 -Y434        |    B200 -B24           |      Y842
  Y632              |    B900                |
  Y842              |    C000 -C97           |    --- B92   ---
                     |    R75                 |
--- B881  ---       |    Y431 -Y434          |      B200 -B24
                     |    Y632                |      B92
  B200 -B24         |    Y842                |      C000 -C97
  B881              |                        |      R75
  B889              |    --- B901  ---       |      Y431 -Y434
  C000 -C97         |                        |      Y632
  R75               |    B200 -B24           |      Y842
  Y431 -Y434        |    B901                |
  Y632              |    C000 -C97           |    --- B940  ---
  Y842              |    R75                 |
                     |    Y431 -Y434          |      B200 -B24
```

```
 --- B940  ---    |   --- C001  ---    |   --- C020   ---
   CONTINUED      |                    |     CONTINUED
   B940           |    B200 -B24       |    R75
   C000 -C97      |    C001            |
   R75            |    R75             |   --- C021   ---
   Y431 -Y434     |                    |
   Y632           |   --- C002  ---    |    B200 -B24
   Y842           |                    |    C021
                  |    B200 -B24       |    R75
 --- B941  ---    |    C002            |
                  |    R75             |   --- C022   ---
   B200 -B24      |                    |
   B941           |   --- C003  ---    |    B200 -B24
   C000 -C97      |                    |    C022
   R75            |    B200 -B24       |    R75
   Y431 -Y434     |    C003            |
   Y632           |    R75             |   --- C023   ---
   Y842           |                    |
                  |   --- C004  ---    |    B200 -B24
 --- B942  ---    |                    |    C023
                  |    B200 -B24       |    R75
   B200 -B24      |    C004            |
   B942           |    R75             |   --- C024   ---
   C000 -C97      |                    |
   R75            |   --- C005  ---    |    B200 -B24
   Y431 -Y434     |                    |    C024
   Y632           |    B200 -B24       |    R75
   Y842           |    C005            |
   Y881           |    R75             |   --- C028   ---
                  |                    |
 --- B948  ---    |   --- C006  ---    |    B200 -B24
                  |                    |    C028
M A000 -B942      |    B200 -B24       |    R75
   B948           |    C006            |
M B949 -R961      |    R75             |   --- C029   ---
M R98  -Y899      |                    |
                  |   --- C008  ---    |    B200 -B24
 --- B949  ---    |                    |    C029
                  |    B200 -B24       |    R75
M A000 -B948      |    C008            |
   B949           |    R75             |   --- C030   ---
M C000 -R961      |                    |
M R98  -Y899      |   --- C009  ---    |    B200 -B24
                  |                    |    C030
 --- B99   ---    |    B200 -B24       |    R75
                  |    C009            |
M A000 -B949   *  |    R75             |   --- C031   ---
   B99         *  |                    |
M C000 -R961   *  |   --- C01   ---    |    B200 -B24
M R98  -Y899   *  |                    |    C031
                  |    B200 -B24       |    R75
 --- C000  ---    |    C01             |
                  |    R75             |   --- C039   ---
   B200 -B24      |                    |
   C000           |   --- C020  ---    |    B200 -B24
   R75            |                    |    C039
                  |    B200 -B24       |    R75
                  |    C020            |
```

```
--- C040  ---    |    --- C060  ---    |    --- C090  ---
                 |       CONTINUED     |
 B200 -B24       |     R75             |     B200 -B24
 C040            |                     |     C090
 R75             |    --- C061  ---    |     R75
                 |                     |
--- C041  ---    |     B200 -B24       |    --- C091  ---
                 |     C061            |
 B200 -B24       |     R75             |     B200 -B24
 C041            |                     |     C091
 R75             |    --- C062  ---    |     R75
                 |                     |
--- C048  ---    |     B200 -B24       |    --- C098  ---
                 |     C062            |
 B200 -B24       |     R75             |     B200 -B24
 C048            |                     |     C098
 R75             |    --- C068  ---    |     R75
                 |                     |
--- C049  ---    |     B200 -B24       |    --- C099  ---
                 |     C068            |
 B200 -B24       |     R75             |     B200 -B24
 C049            |                     |     C099
 R75             |    --- C069  ---    |     R75
                 |                     |
--- C050  ---    |     B200 -B24       |    --- C100  ---
                 |     C069            |
 B200 -B24       |     R75             |     B200 -B24
 C050            |                     |     C100
 R75             |    --- C07   ---    |     R75
                 |                     |
--- C051  ---    |     B200 -B24       |    --- C101  ---
                 |     C07             |
 B200 -B24       |     R75             |     B200 -B24
 C051            |                     |     C101
 R75             |    --- C080  ---    |     R75
                 |                     |
--- C052  ---    |     B200 -B24       |    --- C102  ---
                 |     C080            |
 B200 -B24       |     R75             |     B200 -B24
 C052            |                     |     C102
 R75             |    --- C081  ---    |     R75
                 |                     |
--- C058  ---    |     B200 -B24       |    --- C103  ---
                 |     C081            |
 B200 -B24       |     R75             |     B200 -B24
 C058            |                     |     C103
 R75             |    --- C088  ---    |     R75
                 |                     |
--- C059  ---    |     B200 -B24       |    --- C104  ---
                 |     C088            |
 B200 -B24       |     R75             |     B200 -B24
 C059            |                     |     C104
 R75             |    --- C089  ---    |     R75
                 |                     |
--- C060  ---    |     B200 -B24       |    --- C108  ---
                 |     C089            |
 B200 -B24       |     R75             |     B200 -B24
 C060            |                     |     C108
```

```
                             TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

   --- C108  ---    |    --- C131  ---    |    --- C152  ---
     CONTINUED      |                     |      CONTINUED
    R75             |     B200 -B24       |     R75
                    |     C131            |
   --- C109  ---    |     R75             |    --- C153  ---
                    |                     |
    B200 -B24       |    --- C132  ---    |     B200 -B24
    C109            |                     |     C153
    R75             |     B200 -B24       |     R75
                    |     C132            |
   --- C110  ---    |     R75             |    --- C154  ---
                    |                     |
    B200 -B24       |    --- C138  ---    |     B200 -B24
    C110            |                     |     C154
    R75             |     B200 -B24       |     R75
                    |     C138            |
   --- C111  ---    |     R75             |    --- C155  ---
                    |                     |
    B200 -B24       |    --- C139  ---    |     B200 -B24
    C111            |                     |     C155
    R75             |     B200 -B24       |     R75
                    |     C139            |
   --- C112  ---    |     R75             |    --- C158  ---
                    |                     |
    B200 -B24       |    --- C140  ---    |     B200 -B24
    C112            |                     |     C158
    R75             |     B200 -B24       |     R75
                    |     C140            |
   --- C113  ---    |     R75             |    --- C159  ---
                    |                     |
    B200 -B24       |    --- C142  ---    |     B200 -B24
    C113            |                     |     C159
    R75             |     B200 -B24       |     R75
                    |     C142            |
   --- C118  ---    |     R75             |    --- C160  ---
                    |                     |
    B200 -B24       |    --- C148  ---    |     B200 -B24
    C118            |                     |     C160
    R75             |     B200 -B24       |     R75
                    |     C148            |
   --- C119  ---    |     R75             |    --- C161  ---
                    |                     |
    B200 -B24       |    --- C150  ---    |     B200 -B24
    C119            |                     |     C161
    R75             |     B200 -B24       |     R75
                    |     C150            |
   --- C12   ---    |     R75             |    --- C162  ---
                    |                     |
    B200 -B24       |    --- C151  ---    |     B200 -B24
    C12             |                     |     C162
    R75             |     B200 -B24       |     R75
                    |     C151            |
   --- C130  ---    |     R75             |    --- C163  ---
                    |                     |
    B200 -B24       |    --- C152  ---    |     B200 -B24
    C130            |                     |     C163
    R75             |     B200 -B24       |     R75
                    |     C152            |
```

```
--- C164  ---      |    --- C178  ---      |    --- C188  ---
                   |       CONTINUED       |
 B200 -B24         |     R75               |     B200 -B24
 C164              |                       |     C188
 R75               |    --- C179  ---      |     R75
                   |                       |
--- C165  ---      |     B200 -B24         |    --- C189  ---
                   |     C179              |
 B200 -B24         |     R75               |     B200 -B24
 C165              |                       |     C189
 R75               |    --- C180  ---      |     R75
                   |                       |
--- C166  ---      |     B200 -B24         |    --- C19   ---
                   |     C180              |
 B200 -B24         |     R75               |     B200 -B24
 C166              |                       |     C19
 R75               |    --- C181  ---      |     R75
                   |                       |
--- C168  ---      |     B200 -B24         |    --- C20   ---
                   |     C181              |
 B200 -B24         |     R75               |     B200 -B24
 C168              |                       |     C20
 R75               |    --- C182  ---      |     R75
                   |                       |
--- C169  ---      |     B200 -B24         |    --- C210  ---
                   |     C182              |
 B200 -B24         |     R75               |     B200 -B24
 C169              |                       |     C210
 R75               |    --- C183  ---      |     R75
                   |                       |
--- C170  ---      |     B200 -B24         |    --- C211  ---
                   |     C183              |
 B200 -B24         |     R75               |     B200 -B24
 C170              |                       |     C211
 R75               |    --- C184  ---      |     R75
                   |                       |
--- C171  ---      |     B200 -B24         |    --- C212  ---
                   |     C184              |
 B200 -B24         |     R75               |     B200 -B24
 C171              |                       |     C212
 R75               |    --- C185  ---      |     R75
                   |                       |
--- C172  ---      |     B200 -B24         |    --- C218  ---
                   |     C185              |
 B200 -B24         |     R75               |     B200 -B24
 C172              |                       |     C218
 R75               |    --- C186  ---      |     R75
                   |                       |
--- C173  ---      |     B200 -B24         |    --- C220  ---
                   |     C186              |
 B200 -B24         |     R75               |     B200 -B24
 C173              |                       |     C220
 R75               |    --- C187  ---      |     R75
                   |                       |
--- C178  ---      |     B200 -B24         |    --- C221  ---
                   |     C187              |
 B200 -B24         |     R75               |     B200 -B24
 C178              |                       |     C221
```

```
--- C221  ---       |    --- C249  ---       |    --- C260  ---
  CONTINUED         |                        |      CONTINUED
 R75                |     B200 -B24          |     R75
                    |     C249               |
                    |     R75                |
--- C222  ---       |                        |    --- C261  ---
                    |    --- C250  ---       |
 B200 -B24          |                        |     B200 -B24
 C222               |     B200 -B24          |     C261
 R75                |     C250               |     R75
                    |     R75                |
--- C223  ---       |                        |    --- C268  ---
                    |    --- C251  ---       |
 B200 -B24          |                        |     B200 -B24
 C223               |     B200 -B24          |     C268
 R75                |     C251               |     R75
                    |     R75                |
--- C224  ---       |                        |    --- C269  ---
                    |    --- C252  ---       |
 B200 -B24          |                        |     B200 -B24
 C224               |     B200 -B24          |     C269
 R75                |     C252               |     R75
                    |     R75                |
--- C227  ---       |                        |    --- C300  ---
                    |    --- C253  ---       |
 B200 -B24          |                        |     B200 -B24
 C227               |     B200 -B24          |     C300
 R75                |     C253               |     R75
                    |     R75                |
--- C229  ---       |                        |    --- C301  ---
                    |    --- C254  ---       |
 B200 -B24          |                        |     B200 -B24
 C229               |     B200 -B24          |     C301
 R75                |     C254               |     R75
                    |     R75                |
--- C23   ---       |                        |    --- C310  ---
                    |    --- C257  ---       |
 B200 -B24          |                        |     B200 -B24
 C23                |     B200 -B24          |     C310
 R75                |     C257               |     R75
                    |     R75                |
--- C240  ---       |                        |    --- C311  ---
                    |    --- C258  ---       |
 B200 -B24          |                        |     B200 -B24
 C240               |     B200 -B24          |     C311
 R75                |     C258               |     R75
                    |     R75                |
--- C241  ---       |                        |    --- C312  ---
                    |    --- C259  ---       |
 B200 -B24          |                        |     B200 -B24
 C241               |     B200 -B24          |     C312
 R75                |     C259               |     R75
                    |     R75                |
--- C248  ---       |                        |    --- C313  ---
                    |    --- C260  ---       |
 B200 -B24          |                        |     B200 -B24
 C248               |     B200 -B24          |     C313
 R75                |     C260               |     R75
                    |                        |
```

```
--- C318  ---     |   --- C340  ---     |   --- C383  ---
                  |      CONTINUED      |
 B200 -B24        |    R75              |    B200 -B24
 C318             |                     |    C383
 R75              |   --- C341  ---     |    R75
                  |                     |
--- C319  ---     |    B200 -B24        |   --- C384  ---
                  |    C341             |
 B200 -B24        |    R75              |    B200 -B24
 C319             |                     |    C384
 R75              |   --- C342  ---     |    R75
                  |                     |
--- C320  ---     |    B200 -B24        |   --- C388  ---
                  |    C342             |
 B200 -B24        |    R75              |    B200 -B24
 C320             |                     |    C388
 R75              |   --- C343  ---     |    R75
                  |                     |
--- C321  ---     |    B200 -B24        |   --- C390  ---
                  |    C343             |
 B200 -B24        |    R75              |    B200 -B24
 C321             |                     |    C390
 R75              |   --- C348  ---     |    R75
                  |                     |
--- C322  ---     |    B200 -B24        |   --- C398  ---
                  |    C348             |
 B200 -B24        |    R75              |    B200 -B24
 C322             |                     |    C398
 R75              |   --- C349  ---     |    R75
                  |                     |
--- C323  ---     |    B200 -B24        |   --- C399  ---
                  |    C349             |
 B200 -B24        |    R75              |    B200 -B24
 C323             |                     |    C399
 R75              |   --- C37   ---     |    R75
                  |                     |
--- C328  ---     |    B200 -B24        |   --- C400  ---
                  |    C37              |
 B200 -B24        |    R75              |    B200 -B24
 C328             |                     |    C400
 R75              |   --- C380  ---     |    R75
                  |                     |
--- C329  ---     |    B200 -B24        |   --- C401  ---
                  |    C380             |
 B200 -B24        |    R75              |    B200 -B24
 C329             |                     |    C401
 R75              |   --- C381  ---     |    R75
                  |                     |
--- C33   ---     |    B200 -B24        |   --- C402  ---
                  |    C381             |
 B200 -B24        |    R75              |    B200 -B24
 C33              |                     |    C402
 R75              |   --- C382  ---     |    R75
                  |                     |
--- C340  ---     |    B200 -B24        |   --- C403  ---
                  |    C382             |
 B200 -B24        |    R75              |    B200 -B24
 C340             |                     |    C403
```

```
--- C403 ---      |   --- C430 ---     |   --- C439 ---
  CONTINUED        |                    |     CONTINUED
 R75               |    B200 -B24       |    R75
                   |    C430            |
--- C408 ---      |    R75             |   --- C440 ---
                   |                    |
 B200 -B24         |   --- C431 ---     |    B200 -B24
 C408              |                    |    C440
 R75               |    B200 -B24       |    R75
                   |    C431            |
--- C409 ---      |    R75             |   --- C441 ---
                   |                    |
 B200 -B24         |   --- C432 ---     |    B200 -B24
 C409              |                    |    C441
 R75               |    B200 -B24       |    R75
                   |    C432            |
--- C410 ---      |    R75             |   --- C442 ---
                   |                    |
 B200 -B24         |   --- C433 ---     |    B200 -B24
 C410              |                    |    C442
 R75               |    B200 -B24       |    R75
                   |    C433            |
--- C411 ---      |    R75             |   --- C443 ---
                   |                    |
 B200 -B24         |   --- C434 ---     |    B200 -B24
 C411              |                    |    C443
 R75               |    B200 -B24       |    R75
                   |    C434            |
--- C412 ---      |    R75             |   --- C444 ---
                   |                    |
 B200 -B24         |   --- C435 ---     |    B200 -B24
 C412              |                    |    C444
 R75               |    B200 -B24       |    R75
                   |    C435            |
--- C413 ---      |    R75             |   --- C445 ---
                   |                    |
 B200 -B24         |   --- C436 ---     |    B200 -B24
 C413              |                    |    C445
 R75               |    B200 -B24       |    R75
                   |    C436            |
--- C414 ---      |    R75             |   --- C446 ---
                   |                    |
 B200 -B24         |   --- C437 ---     |    B200 -B24
 C414              |                    |    C446
 R75               |    B200 -B24       |    R75
                   |    C437            |
--- C418 ---      |    R75             |   --- C447 ---
                   |                    |
 B200 -B24         |   --- C438 ---     |    B200 -B24
 C418              |                    |    C447
 R75               |    B200 -B24       |    R75
                   |    C438            |
--- C419 ---      |    R75             |   --- C448 ---
                   |                    |
 B200 -B24         |   --- C439 ---     |    B200 -B24
 C419              |                    |    C448
 R75               |    B200 -B24       |    R75
                   |    C439            |
```

```
--- C449  ---       |     --- C463  ---       |     --- C476  ---
                    |       CONTINUED         |
 B200 -B24          |      R75                |      B200 -B24
 C449               |                         |      C476
 R75                |     --- C467  ---       |      R75
                    |                         |
--- C450  ---       |      B200 -B24          |     --- C478  ---
                    |      C467               |
 B200 -B24          |      R75                |      B200 -B24
 C450               |                         |      C478
 R75                |     --- C468  ---       |      R75
                    |                         |
--- C451  ---       |      B200 -B24          |     --- C479  ---
                    |      C468               |
 B200 -B24          |      R75                |      B200 -B24
 C451               |                         |      C479
 R75                |     --- C469  ---       |      R75
                    |                         |
--- C452  ---       |      B200 -B24          |     --- C480  ---
                    |      C469               |
 B200 -B24          |      R75                |      B200 -B24
 C452               |                         |      C480
 R75                |     --- C470  ---       |      R75
                    |                         |
--- C457  ---       |      B200 -B24          |     --- C481  ---
                    |      C470               |
 B200 -B24          |      R75                |      B200 -B24
 C457               |                         |      C481
 R75                |     --- C471  ---       |      R75
                    |                         |
--- C459  ---       |      B200 -B24          |     --- C482  ---
                    |      C471               |
 B200 -B24          |      R75                |      B200 -B24
 C459               |                         |      C482
 R75                |     --- C472  ---       |      R75
                    |                         |
--- C460  ---       |      B200 -B24          |     --- C488  ---
                    |      C472               |
 B200 -B24          |      R75                |      B200 -B24
 C460               |                         |      C488
 R75                |     --- C473  ---       |      R75
                    |                         |
--- C461  ---       |      B200 -B24          |     --- C490  ---
                    |      C473               |
 B200 -B24          |      R75                |      B200 -B24
 C461               |                         |      C490
 R75                |     --- C474  ---       |      R75
                    |                         |
--- C462  ---       |      B200 -B24          |     --- C491  ---
                    |      C474               |
 B200 -B24          |      R75                |      B200 -B24
 C462               |                         |      C491
 R75                |     --- C475  ---       |      R75
                    |                         |
--- C463  ---       |      B200 -B24          |     --- C492  ---
                    |      C475               |
 B200 -B24          |      R75                |      B200 -B24
 C463               |                         |      C492
```

```
--- C492  ---       |   --- C503  ---       |   --- C518  ---
   CONTINUED        |                       |      CONTINUED
 R75                |    B200 -B24          |    R75
                    |    C503               |
--- C493  ---       |    R75                |   --- C519  ---
                    |                       |
 B200 -B24          |   --- C504  ---       |    B200 -B24
 C493               |                       |    C519
 R75                |    B200 -B24          |    R75
                    |    C504               |
--- C494  ---       |    R75                |   --- C52   ---
                    |                       |
 B200 -B24          |   --- C505  ---       |    B200 -B24
 C494               |                       |    C52
 R75                |    B200 -B24          |    R75
                    |    C505               |
--- C495  ---       |    R75                |   --- C530  ---
                    |                       |
 B200 -B24          |   --- C506  ---       |    B200 -B24
 C495               |                       |    C530
 R75                |    B200 -B24          |    R75
                    |    C506               |
--- C496  ---       |    R75                |   --- C531  ---
                    |                       |
 B200 -B24          |   --- C508  ---       |    B200 -B24
 C496               |                       |    C531
 R75                |    B200 -B24          |    R75
                    |    C508               |
--- C498  ---       |    R75                |   --- C538  ---
                    |                       |
 B200 -B24          |   --- C509  ---       |    B200 -B24
 C498               |                       |    C538
 R75                |    B200 -B24          |    R75
                    |    C509               |
--- C499  ---       |    R75                |   --- C539  ---
                    |                       |
 B200 -B24          |   --- C510  ---       |    B200 -B24
 C499               |                       |    C539
 R75                |    B200 -B24          |    R75
                    |    C510               |
--- C500  ---       |    R75                |   --- C540  ---
                    |                       |
 B200 -B24          |   --- C511  ---       |    B200 -B24
 C500               |                       |    C540
 R75                |    B200 -B24          |    R75
                    |    C511               |
--- C501  ---       |    R75                |   --- C541  ---
                    |                       |
 B200 -B24          |   --- C512  ---       |    B200 -B24
 C501               |                       |    C541
 R75                |    B200 -B24          |    R75
                    |    C512               |
--- C502  ---       |    R75                |   --- C542  ---
                    |                       |
 B200 -B24          |   --- C518  ---       |    B200 -B24
 C502               |                       |    C542
 R75                |    B200 -B24          |    R75
                    |    C518               |
```

```
 --- C543  ---      |   --- C574  ---     |   --- C61   ---
                    |     CONTINUED       |
  B200 -B24         |    R75              |    B200 -B24
  C543              |                     |    C61
  R75               |   --- C577  ---     |    R75
                    |                     |
 --- C548  ---      |    B200 -B24        |   --- C620  ---
                    |    C577             |
  B200 -B24         |    R75              |    B200 -B24
  C548              |                     |    C620
  R75               |   --- C578  ---     |    R75
                    |                     |
 --- C549  ---      |    B200 -B24        |   --- C621  ---
                    |    C578             |
  B200 -B24         |    R75              |    B200 -B24
  C549              |                     |    C621
  R75               |   --- C579  ---     |    R75
                    |                     |
 --- C55   ---      |    B200 -B24        |   --- C629  ---
                    |    C579             |
  B200 -B24         |    R75              |    B200 -B24
  C55               |                     |    C629
  R75               |   --- C58   ---     |    R75
                    |                     |
 --- C56   ---      |    B200 -B24        |   --- C630  ---
                    |    C58              |
  B200 -B24         |    R75              |    B200 -B24
  C56               |                     |    C630
  R75               |   --- C600  ---     |    R75
                    |                     |
 --- C570  ---      |    B200 -B24        |   --- C631  ---
                    |    C600             |
  B200 -B24         |    R75              |    B200 -B24
  C570              |                     |    C631
  R75               |   --- C601  ---     |    R75
                    |                     |
 --- C571  ---      |    B200 -B24        |   --- C632  ---
                    |    C601             |
  B200 -B24         |    R75              |    B200 -B24
  C571              |                     |    C632
  R75               |   --- C602  ---     |    R75
                    |                     |
 --- C572  ---      |    B200 -B24        |   --- C637  ---
                    |    C602             |
  B200 -B24         |    R75              |    B200 -B24
  C572              |                     |    C637
  R75               |   --- C608  ---     |    R75
                    |                     |
 --- C573  ---      |    B200 -B24        |   --- C638  ---
                    |    C608             |
  B200 -B24         |    R75              |    B200 -B24
  C573              |                     |    C638
  R75               |   --- C609  ---     |    R75
                    |                     |
 --- C574  ---      |    B200 -B24        |   --- C639  ---
                    |    C609             |
  B200 -B24         |    R75              |    B200 -B24
  C574              |                     |    C639
```

```
--- C639 ---      |   --- C676  ---     |   --- C691  ---
   CONTINUED      |                     |      CONTINUED
 R75              |    B200 -B24        |    R75
                  |    C676             |
--- C64   ---     |    R75              |   --- C692  ---
                  |                     |
 B200 -B24        |   --- C677  ---     |    B200 -B24
 C64              |                     |    C692
 R75              |    B200 -B24        |    R75
                  |    C677             |
--- C65   ---     |    R75              |   --- C693  ---
                  |                     |
 B200 -B24        |   --- C678  ---     |    B200 -B24
 C65              |                     |    C693
 R75              |    B200 -B24        |    R75
                  |    C678             |
--- C66   ---     |    R75              |   --- C694  ---
                  |                     |
 B200 -B24        |   --- C679  ---     |    B200 -B24
 C66              |                     |    C694
 R75              |    B200 -B24        |    R75
                  |    C679             |
--- C670  ---     |    R75              |   --- C695  ---
                  |                     |
 B200 -B24        |   --- C680  ---     |    B200 -B24
 C670             |                     |    C695
 R75              |    B200 -B24        |    R75
                  |    C680             |
--- C671  ---     |    R75              |   --- C696  ---
                  |                     |
 B200 -B24        |   --- C681  ---     |    B200 -B24
 C671             |                     |    C696
 R75              |    B200 -B24        |    R75
                  |    C681             |
--- C672  ---     |    R75              |   --- C698  ---
                  |                     |
 B200 -B24        |   --- C688  ---     |    B200 -B24
 C672             |                     |    C698
 R75              |    B200 -B24        |    R75
                  |    C688             |
--- C673  ---     |    R75              |   --- C699  ---
                  |                     |
 B200 -B24        |   --- C689  ---     |    B200 -B24
 C673             |                     |    C699
 R75              |    B200 -B24        |    R75
                  |    C689             |
--- C674  ---     |    R75              |   --- C700  ---
                  |                     |
 B200 -B24        |   --- C690  ---     |    B200 -B24
 C674             |                     |    C700
 R75              |    B200 -B24        |    R75
                  |    C690             |
--- C675  ---     |    R75              |   --- C701  ---
                  |                     |
 B200 -B24        |   --- C691  ---     |    B200 -B24
 C675             |                     |    C701
 R75              |    B200 -B24        |    R75
                  |    C691             |
```

```
--- C709 ---         |   --- C718  ---      |   --- C73   ---
                     |       CONTINUED      |
  B200 -B24          |    R75               |     B200 -B24
  C709               |                      |     C73
  R75                |   --- C719  ---      |     R75
                     |                      |
--- C710  ---        |    B200 -B24         |   --- C740  ---
                     |    C719              |
  B200 -B24          |    R75               |     B200 -B24
  C710               |                      |     C740
  R75                |   --- C720  ---      |     R75
                     |                      |
--- C711  ---        |    B200 -B24         |   --- C741  ---
                     |    C720              |
  B200 -B24          |    R75               |     B200 -B24
  C711               |                      |     C741
  R75                |   --- C721  ---      |     R75
                     |                      |
--- C712  ---        |    B200 -B24         |   --- C749  ---
                     |    C721              |
  B200 -B24          |    R75               |     B200 -B24
  C712               |                      |     C749
  R75                |   --- C722  ---      |     R75
                     |                      |
--- C713  ---        |    B200 -B24         |   --- C750  ---
                     |    C722              |
  B200 -B24          |    R75               |     B200 -B24
  C713               |                      |     C750
  R75                |   --- C723  ---      |     R75
                     |                      |
--- C714  ---        |    B200 -B24         |   --- C751  ---
                     |    C723              |
  B200 -B24          |    R75               |     B200 -B24
  C714               |                      |     C751
  R75                |   --- C724  ---      |     R75
                     |                      |
--- C715  ---        |    B200 -B24         |   --- C752  ---
                     |    C724              |
  B200 -B24          |    R75               |     B200 -B24
  C715               |                      |     C752
  R75                |   --- C725  ---      |     R75
                     |                      |
--- C716  ---        |    B200 -B24         |   --- C753  ---
                     |    C725              |
  B200 -B24          |    R75               |     B200 -B24
  C716               |                      |     C753
  R75                |   --- C728  ---      |     R75
                     |                      |
--- C717  ---        |    B200 -B24         |   --- C754  ---
                     |    C728              |
  B200 -B24          |    R75               |     B200 -B24
  C717               |                      |     C754
  R75                |   --- C729  ---      |     R75
                     |                      |
--- C718  ---        |    B200 -B24         |   --- C755  ---
                     |    C729              |
  B200 -B24          |    R75               |     B200 -B24
  C718               |                      |     C755
```

```
--- C755  ---        |   --- C768  ---      |    --- C778  ---
   CONTINUED         |                      |       CONTINUED
 R75                 |    B200 -B24         |    C80  -C969
                     |    C768              |    R75
--- C758  ---        |    R75               |
                     |                      |    --- C779  ---
 B200 -B24           |   --- C770  ---      |
 C758                |                      |    B200 -B24
 R75                 |    B200 -B24         |    C000 -C768
                     |    C000 -C770        |    C779
--- C759  ---        |    C80  -C969        |    C80  -C969
                     |    R75               |    R75
 B200 -B24           |                      |
 C759                |   --- C771  ---      |    --- C780  ---
 R75                 |                      |
                     |    B200 -B24         |    B200 -B24
--- C760  ---        |    C000 -C768        |    C000 -C768
                     |    C771              |    C780
 B200 -B24           |    C80  -C969        |    C80  -C969
 C760                |    R75               |    R75
 R75                 |                      |
                     |   --- C772  ---      |    --- C781  ---
--- C761  ---        |                      |
                     |    B200 -B24         |    B200 -B24
 B200 -B24           |    C000 -C768        |    C000 -C768
 C761                |    C772              |    C781
 R75                 |    C80  -C969        |    C80  -C969
                     |    R75               |    R75
--- C762  ---        |                      |
                     |   --- C773  ---      |    --- C782  ---
 B200 -B24           |                      |
 C762                |    B200 -B24         |    B200 -B24
 R75                 |    C000 -C768        |    C000 -C768
                     |    C773              |    C782
--- C763  ---        |    C80  -C969        |    C80  -C969
                     |    R75               |    R75
 B200 -B24           |                      |
 C763                |   --- C774  ---      |    --- C783  ---
 R75                 |                      |
                     |    B200 -B24         |    B200 -B24
--- C764  ---        |    C000 -C768        |    C000 -C768
                     |    C774              |    C783
 B200 -B24           |    C80  -C969        |    C80  -C969
 C764                |    R75               |    R75
 R75                 |                      |
                     |   --- C775  ---      |    --- C784  ---
--- C765  ---        |                      |
                     |    B200 -B24         |    B200 -B24
 B200 -B24           |    C000 -C768        |    C000 -C768
 C765                |    C775              |    C784
 R75                 |    C80  -C969        |    C80  -C969
                     |    R75               |    R75
--- C767  ---        |                      |
                     |   --- C778  ---      |    --- C785  ---
 B200 -B24           |                      |
 C767                |    B200 -B24         |    B200 -B24
 R75                 |    C000 -C768        |    C000 -C768
                     |    C778              |    C785
```

```
  --- C785  ---      |    --- C793  ---     |    --- C925  ---
     CONTINUED       |      CONTINUED       |
     C80  -C969      |      C80  -C969      |     B200 -B24
     R75             |      R75             |     C810 -C969    *
                     |                      |     R75
  --- C786  ---      |    --- C794  ---     |
                     |                      |  --- C927 -C969  ---
     B200 -B24       |      B200 -B24       |
     C000 -C768      |      C000 -C768      |     B200 -B24
     C786            |      C794            |     C810 -C969
     C80  -C969      |      C80  -C969      |     R75
     R75             |      R75             |
                     |                      |    --- C97   ---
  --- C787  ---      |    --- C795  ---     |
                     |                      |     B200 -B24
     B200 -B24       |      B200 -B24       |     C97
     C000 -C768      |      C000 -C768      |     R75
     C787            |      C795            |
     C80  -C969      |      C80  -C969      |    --- D000  ---
     R75             |      R75             |
                     |                      |     D000
  --- C788  ---      |    --- C796  ---     |
                     |                      |    --- D001  ---
     B200 -B24       |      B200 -B24       |
     C000 -C768      |      C000 -C768      |     D001
     C788            |      C796            |
     C80  -C969      |      C80  -C969      |    --- D002  ---
     R75             |      R75             |
                     |                      |     D002
  --- C790  ---      |    --- C797  ---     |
                     |                      |    --- D010  ---
     B200 -B24       |      B200 -B24       |
     C000 -C768      |      C000 -C768      |     D010
     C790            |      C797            |
     C80  -C969      |      C80  -C969      |    --- D011  ---
     R75             |      R75             |
                     |                      |     D011
  --- C791  ---      |    --- C798  ---     |
                     |                      |    --- D012  ---
     B200 -B24       |      B200 -B24       |
     C000 -C768      |      C000 -C768      |     D012
     C791            |      C798 -C969      |
     C80  -C969      |      R75             |    --- D013  ---
     R75             |                      |
                     |    --- C80   ---     |     D013
  --- C792  ---      |                      |
                     |      B200 -B24       |    --- D014  ---
     B200 -B24       |      C000 -C768      |
     C000 -C768      |      C80  -C969      |     D014
     C792            |      R75             |
     C80  -C969      |                      |    --- D015  ---
     R75             | --- C810 -C924  ---  |
                     |                      |     D015
  --- C793  ---      |      B200 -B24       |
                     |      C810 -C969      |    --- D017  ---
     B200 -B24       |      R75             |
     C000 -C768      |                      |     D017
     C793            |                      |
```

```
--- D019  ---   |   --- D038  ---   |   --- D057  ---

    D019        |       D038        |       D057

--- D020  ---   |   --- D039  ---   |   --- D059  ---

    D020        |       D039        |       D059

--- D021  ---   |   --- D040  ---   |   --- D060  ---

    D021        |       D040        |       D060

--- D022  ---   |   --- D041  ---   |   --- D061  ---

    D022        |       D041        |       D061

--- D023  ---   |   --- D042  ---   |   --- D067  ---

    D023        |       D042        |       D067

--- D024  ---   |   --- D043  ---   |   --- D069  ---

    D024        |       D043        |       D069

--- D030  ---   |   --- D044  ---   |   --- D070  ---

    D030        |       D044        |       D070

--- D031  ---   |   --- D045  ---   |   --- D071  ---

    D031        |       D045        |       D071

--- D032  ---   |   --- D046  ---   |   --- D072  ---

    D032        |       D046        |       D072

--- D033  ---   |   --- D047  ---   |   --- D073  ---

    D033        |       D047        |       D073

--- D034  ---   |   --- D048  ---   |   --- D074  ---

    D034        |       D048        |       D074

--- D035  ---   |   --- D049  ---   |   --- D075  ---

    D035        |       D049        |       D075

--- D036  ---   |   --- D050  ---   |   --- D076  ---

    D036        |       D050        |       D076

--- D037  ---   |   --- D051  ---   |   --- D090  ---

    D037        |       D051        |       D090


        |                   |
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

--- D091 ---	--- D110 ---	--- D131 ---
D091	D110	M A539 D131
--- D092 ---	--- D117 ---	--- D132 ---
D092	D117	D132
--- D093 ---	--- D119 ---	--- D133 ---
D093	D119	D133
--- D097 ---	--- D120 ---	--- D134 ---
D097	D120	D134
--- D099 ---	--- D121 ---	--- D135 ---
D099	D121	D135
--- D100 ---	--- D122 ---	--- D136 ---
D100	D122	D136
--- D101 ---	--- D123 ---	--- D137 ---
D101	D123	D137
--- D102 ---	--- D124 ---	--- D139 ---
D102	D124	D139
--- D103 ---	--- D125 ---	--- D140 ---
D103	D125	D140
--- D104 ---	--- D126 ---	--- D141 ---
D104	D126	D141
--- D105 ---	--- D127 ---	--- D142 ---
D105	D127	D142
--- D106 ---	--- D128 ---	--- D143 ---
D106	D128	D143
--- D107 ---	--- D129 ---	--- D144 ---
D107	D129	D144
--- D109 ---	--- D130 ---	--- D150 ---
D109	D130	D150

```
--- D151 ---    |   --- D170 ---    |   --- D199 ---

   D151         |      D170         |      D199

--- D152 ---    |   --- D171 ---    |   --- D200 ---

   D152         |      D171         |      D200

--- D157 ---    |   --- D172 ---    |   --- D201 ---

   D157         |      D172         |      D201

--- D159 ---    |   --- D173 ---    |   --- D210 ---

   D159         |      D173         |      D210

--- D160 ---    |   --- D174 ---    |   --- D211 ---

   D160         |      D174         |      D211

--- D161 ---    |   --- D175 ---    |   --- D212 ---

   D161         |      D175         |      D212

--- D162 ---    |   --- D176 ---    |   --- D213 ---

   D162         |      D176         |      D213

--- D163 ---    |   --- D177 ---    |   --- D214 ---

   D163         |      D177         |      D214

--- D164 ---    |   --- D179 ---    |   --- D215 ---

   D164         |      D179         |      D215

--- D165 ---    |   --- D180 ---    |   --- D216 ---

   D165         |      B200 -B24    |      D216
                |      D180         |
--- D166 ---    |      R54          |   --- D219 ---
                |      R75          |
   D166         |                   |      D219
                |   --- D181 ---    |
--- D167 ---    |                   |   --- D220 ---
                |      D181         |
   D167         |                   |      D220
                |   --- D190 ---    |
--- D168 ---    |                   |   --- D221 ---
                |      D190         |
   D168         |                   |      D221
                |   --- D191 ---    |
--- D169 ---    |                   |   --- D222 ---
                |      D191         |
   D169         |                   |      D222
                |   --- D197 ---    |
                |                   |
                |      D197         |
```

```
--- D223  ---   |   --- D239  ---   |   --- D287  ---
    D223        |       D239        |       D287
--- D224  ---   |   --- D24   ---   |   --- D289  ---
    D224        |       D24         |       D289
--- D225  ---   |   --- D250  ---   |   --- D290  ---
    D225        |       D250        |       D290
--- D226  ---   |   --- D251  ---   |   --- D291  ---
    D226        |       D251        |       D291
--- D227  ---   |   --- D252  ---   |   --- D292  ---
    D227        |       D252        |       D292
--- D229  ---   |   --- D259  ---   |   --- D293  ---
    D229        |       D259        |       D293
--- D230  ---   |   --- D260  ---   |   --- D294  ---
    D230        |       D260        |       D294
--- D231  ---   |   --- D261  ---   |   --- D297  ---
    D231        |       D261        |       D297
--- D232  ---   |   --- D267  ---   |   --- D299  ---
    D232        |       D267        |       D299
--- D233  ---   |   --- D269  ---   |   --- D300  ---
    D233        |       D269        |       D300
--- D234  ---   |   --- D27   ---   |   --- D301  ---
    D234        |       D27         |       D301
--- D235  ---   |   --- D280  ---   |   --- D302  ---
    D235        |       D280        |       D302
--- D236  ---   |   --- D281  ---   |   --- D303  ---
    D236        |       D281        |       D303
--- D237  ---   |   --- D282  ---   |   --- D304  ---
    D237        |       D282        |       D304
                |                   |
                |                   |
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

--- D307 ---	--- D331 ---	--- D357 ---
D307	D331	D357
--- D309 ---	--- D332 ---	--- D358 ---
D309	D332	D358
--- D310 ---	--- D333 ---	--- D359 ---
D310	D333	D359
--- D311 ---	--- D334 ---	--- D360 ---
D311	D334	D360
--- D312 ---	--- D337 ---	--- D361 ---
D312	D337	D361
--- D313 ---	--- D339 ---	--- D367 ---
D313	D339	D367
--- D314 ---	--- D34 ---	--- D369 ---
D314	D34	D369
--- D315 ---	--- D350 ---	--- D370 ---
D315	D350	D370
--- D316 ---	--- D351 ---	--- D371 ---
D316	D351	D371
--- D319 ---	--- D352 ---	--- D372 ---
D319	D352	D372
--- D320 ---	--- D353 ---	--- D373 ---
D320	D353	D373
--- D321 ---	--- D354 ---	--- D374 ---
D321	D354	D374
--- D329 ---	--- D355 ---	--- D375 ---
D329	D355	D375
--- D330 ---	--- D356 ---	--- D376 ---
D330	D356	D376

```
--- D377 ---    |    --- D400 ---    |    --- D430 ---
                |                    |
    D377        |        D400        |        D430
                |                    |
--- D379 ---    |    --- D401 ---    |    --- D431 ---
                |                    |
    D379        |        D401        |        D431
                |                    |
--- D380 ---    |    --- D407 ---    |    --- D432 ---
                |                    |
    D380        |        D407        |        D432
                |                    |
--- D381 ---    |    --- D409 ---    |    --- D433 ---
                |                    |
    D381        |        D409        |        D433
                |                    |
--- D382 ---    |    --- D410 ---    |    --- D434 ---
                |                    |
    D382        |        D410        |        D434
                |                    |
--- D383 ---    |    --- D411 ---    |    --- D437 ---
                |                    |
    D383        |        D411        |        D437
                |                    |
--- D384 ---    |    --- D412 ---    |    --- D439 ---
                |                    |
    D384        |        D412        |        D439
                |                    |
--- D385 ---    |    --- D413 ---    |    --- D440 ---
                |                    |
    D385        |        D413        |        D440
                |                    |
--- D386 ---    |    --- D414 ---    |    --- D441 ---
                |                    |
    D386        |        D414        |        D441
                |                    |
--- D390 ---    |    --- D417 ---    |    --- D442 ---
                |                    |
    D390        |        D417        |        D442
                |                    |
--- D391 ---    |    --- D419 ---    |    --- D443 ---
                |                    |
    D391        |        D419        |        D443
                |                    |
--- D392 ---    |    --- D420 ---    |    --- D444 ---
                |                    |
    D392        |        D420        |        D444
                |                    |
--- D397 ---    |    --- D421 ---    |    --- D445 ---
                |                    |
    D397        |        D421        |        D445
                |                    |
--- D399 ---    |    --- D429 ---    |    --- D446 ---
                |                    |
    D399        |        D429        |        D446
                |                    |
                |                    |
                |                    |
```

```
 --- D447 ---       |    --- D469 ---     |    --- D486  ---

   D447              |  M C000 -C97        |      D486
                     |    D469             |
 --- D448 ---       |  M Y400 -Y599       |    --- D487  ---
                     |  M Y880             |
   D448              |                     |      D487
                     |    --- D470 ---     |
 --- D449 ---       |                     |    --- D489  ---
                     |      D470           |
   D449              |                     |      D489
                     |    --- D471 ---     |
 --- D45  ---       |                     |  --- D500 -D509  ---
                     |  M C000 -C969       |
   D45               |    D471             |    A000 -F509
                     |                     |    F530 -F59
 --- D460 ---       |    --- D472 ---     |    F99  -G98
                     |                     |    H650 -H839
 M C000 -C97         |      D472           |    I00  -J329
   D460              |                     |    J340 -J341
 M Y400 -Y599        |    --- D473 ---     |    J343 -J80
 M Y880              |                     |    J82  -J980
                     |      D473           |    J982 -K011
 --- D461  ---       |                     |    K040 -L309
                     |    --- D477 ---     |  M L400 -L449
 M C000 -C97         |                     |    L600 -L759
   D461              |      D477           |  M L80  -L989
 M Y400 -Y599        |                     |    M000 -M1990
 M Y880              |    --- D479 ---     |  M M220 -M259
                     |                     |    M300 -M359
 --- D462  ---       |      D479           |    N000 -N459
                     |                     |    N480 -N909
 M C000 -C97         |    --- D480 ---     |    N920 -N939
   D462              |                     |    N950 -N96
 M Y400 -Y599        |      D480           |    O000 -Q079
 M Y880              |                     |    Q200 -Q459
                     |    --- D481 ---     |    Q600 -Q649
 --- D463  ---       |                     |    Q750 -Q799
                     |      D481           |    Q850 -Q999
 M C000 -C97         |                     |    R02
   D463              |    --- D482 ---     |    R040 -R049
 M Y400 -Y599        |                     |    R11
 M Y880              |      D482           |    R13
                     |                     |    R160 -R161
 --- D464  ---       |    --- D483 ---     |    R31
                     |                     |    R400 -R402
 M C000 -C97         |      D483           |    R53  -R54
   D464              |                     |    R570 -R5800
 M Y400 -Y599        |    --- D484 ---     |    R620 -R630
 M Y880              |                     |    R633 -R634
                     |      D484           |    R71
 --- D467  ---       |                     |    R75
                     |    --- D485 ---     |  M R788
 M C000 -C97         |                     |    R823
   D467              |      D485           |
 M Y400 -Y599        |                     |    --- D510  ---
 M Y880              |                     |
                     |                     |    B200 -B24
```

```
   --- D510  ---    | --- D520 -D529  --- |   --- D550   ---
      CONTINUED     |      CONTINUED      |
      B650 -B839    |      T981           |      D550
      C160 -C169    |      T983           |      E740
   M  C788          |      X40  -X49      |
      D510          |      X60  -X69      |   --- D551   ---
      E530 -E539    |      X85  -X90      |
      R75           |      Y10  -Y19      |      D551
                    |      Y400 -Y601     |
   --- D511  ---    |      Y610 -Y611     |   --- D552   ---
                    |      Y620 -Y621     |
      B200 -B24     |      Y832 -Y833     |      D552
      D511          |   M  Y86  -Y872     |
      R75           |                     |   --- D553   ---
                    |    --- D530  ---    |
   --- D512  ---    |                     |      D553
                    |      B200 -B24      |
      B200 -B24     |      D530           |   --- D558   ---
      D512          |      R75            |
      R75           |                     |      D558
                    | --- D531 -D539  --- |
   --- D513  ---    |                     |   --- D559   ---
                    |      A000 -F509     |
      B200 -B24     |      F530 -F59      |      D559
      D513          |      F70  -F79      |
      R75           |      F982 -F983     |   --- D560   ---
                    |      F99  -G98      |
   --- D518  ---    |      H200 -H219     |      D560
                    |      H300 -H359     |
      B200 -B24     |      I00  -I899     |   --- D561   ---
      D518          |      I970 -J80      |
      R75           |      J82  -L689     |      D561
                    |      L710 -L719     |
   --- D519  ---    |      L740 -L852     |   --- D562   ---
                    |      L858 -M1990    |
      B200 -B24     |      M300 -M359     |      D562
      D519          |      M45  -M949     |
      R75           |      N000 -N459     |   --- D563   ---
                    |      N490 -N909     |
 --- D520 -D529 --- |      N920 -N96      |      D563
                    |      N980 -P969     |
      A000 -D489    |      Q200 -Q459     |   --- D564   ---
      D510 -D599    |      Q529           |
      D738 -D739    |      Q600 -Q649     |      D564
      E050 -E059    |      Q750 -Q799     |
      E40  -E899    |      Q860 -Q999     |   --- D568   ---
      F100 -F169    |      R02            |
      F180 -F199    |      R11            |      D568
      I340 -I38     |      R13            |
      K000 -K929    |      R190           |   --- D569   ---
      O000 -O998    |   M  R198          |
      R75           |      R53            |      D569
      R780          |      R620 -R64      |
   M  R826          |      R688           |   --- D570   ---
   M  R893          |      R75            |
      T360 -T659    |      S000 -Y899     |      D570
      T880 -T887    |                     |
      T96  -T97     |                     |
```

```
                          TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

    --- D571  ---     |    --- D591  ---     |    --- D593   ---
                      |        CONTINUED     |        CONTINUED
       D571           |     I776             |  M R893
                      |     J100 -J22        |  M S000 -Y899
    --- D572  ---     |     K700 -K769       |
                      |     M000 -M359       |    --- D594   ---
       D572           |     N000 -N399       |
                      |  M O000 -O998        |     A000 -D489
    --- D573  ---     |     P550 -P579       |     D594
                      |     Q200 -Q289       |     D65  -D699
       D573           |     R75              |     D760
                      |     R780             |     D800 -D899
    --- D578  ---     |     R823             |     E201
                      |  M R826             |     E280 -E289
       D578           |  M R893             |     E40  -E46
                      |  M S000 -Y899        |     E700 -E899
    --- D580  ---     |                      |     F100 -F169
                      |    --- D592   ---     |     F180 -F199
  M D571              |                      |     G000 -G09
     D580             |     D592             |     I00  -I519
                      |     T360 -T519       |     I776
    --- D581  ---     |     T880 -T887       |     J100 -J22
                      |     T96  -T97        |     K700 -K769
  M D571              |     X40  -X45        |     M000 -M359
     D581             |     X60  -X65        |     N000 -N399
                      |     X85              |  M O000 -O998
    --- D582  ---     |     Y10  -Y15        |     P550 -P579
                      |     Y400 -Y599       |     Q200 -Q289
       D582           |  M Y86  -Y872        |     R75
                      |     Y880             |     R780
    --- D588  ---     |                      |     R823
                      |    --- D593   ---     |  M R826
       D588           |                      |  M R893
                      |     A000 -D489       |  M S000 -Y899
    --- D589  ---     |     D593             |
                      |     D65  -D699       |    --- D595   ---
       D589           |     D760             |
       E740           |     D800 -D899       |     D595
                      |     E201             |     S000 -Y899
    --- D590  ---     |     E280 -E289       |
                      |     E40  -E46        |    --- D596   ---
       D590           |     E700 -E899       |
                      |     F100 -F169       |     D596
    --- D591  ---     |     F180 -F199       |     S000 -Y899
                      |     G000 -G09        |
     A000 -D489       |     I00  -I519       |    --- D598   ---
     D591             |     I776             |
     D65  -D699       |     J100 -J22        |     A000 -D489
     D760             |     K700 -K769       |     D598
     D800 -D899       |     M000 -M359       |     D65  -D699
     E201             |     N000 -N399       |     D760
     E280 -E289       |  M O000 -O998        |     D800 -D899
     E40  -E46        |     P550 -P579       |     E201
     E700 -E899       |     Q200 -Q289       |     E280 -E289
     F100 -F169       |     R75              |     E40  -E46
     F180 -F199       |     R780             |     E700 -E899
     G000 -G09        |     R823             |     F100 -F169
     I00  -I519       |  M R826             |     F180 -F199
```

```
   --- D598  ---      | --- D600 -D609  --- | --- D600 -D609   ---
     CONTINUED        |    CONTINUED        |    CONTINUED
     G000 -G09        |  M D510             |  M L590
     I00  -I519       |    D511 -D539       |  M L818
     I776             |  M D582             |    L946
     J100 -J22        |    D595 -D596       |    M021
     K700 -K769       |  M D599             |  M M023
     M000 -M359       |    D600 -D649       |    M101
     N000 -N399       |  M D70              |    M320 -M329
   M O000 -O998       |    D730             |    M352
     P550 -P579       |  M D731             |  M M485 -M488
     Q200 -Q289       |    D732 -D739       |  M M809
     R75              |    D751             |    M810 -M816
     R780             |  M D758             |  M M818
     R823             |  M D760             |    M819
   M R826             |    D860 -D891       |  M M858
   M R893             |  M D892             |  M M872
   M S000 -Y899       |    E030             |    N143
                      |  M E041             |    N341
   --- D599  ---      |    E060 -E070       |  M O000 -O998
                      |  M E071             |    R75
     A000 -D489       |    E078 -E079       |  M R771
     D599             |  M E230             |  M R897
     D65  -D699       |  M E538 -E539       |  M T360 -T659
     D760             |  M E740             |  M T814
     D800 -D899       |  M E750 -E753       |  M T818
     E201             |  M E755 -E756       |  M T96  -T97
     E280 -E289       |    E770             |  M V930 -V949
     E40  -E46        |  M E778             |    W88  -W91
     E700 -E899       |  M E782             |  M X32
     F100 -F169       |  M E798             |  M X40  -X49
     F180 -F199       |  M E880             |  M X60  -X69
     G000 -G09        |  M E890             |  M X85  -X90
     I00  -I519       |  M F132             |  M Y14  -Y19
     I776             |    F182             |    Y365 -Y367
     J100 -J22        |  M F192             |    Y400 -Y599
     K700 -K769       |  M G030             |    Y632 -Y633
     M000 -M359       |  M G038 -G040       |  M Y842
     N000 -N399       |  M G048             |  M Y848
   M O000 -O998       |    G361             |  M Y86  -Y883
     P550 -P579       |  M G92              |    Y891
     Q200 -Q289       |    G933             |
     R75              |  M G958             |   --- D610   ---
     R780             |  M I330             |
     R823             |  M I888             |    D610
   M R826             |  M J00              |
   M R893             |    J020             |   --- D611   ---
   M S000 -Y899       |    J030             |
                      |  M J040 -J042       |    D611
 --- D600 -D609   --- |  M J069             |  M F132
                      |    J65              |    F182
     A000 -C97        |  M J848 -J8490      |  M F192
     D150             |    K900 -K901       |    T360 -T509
   M D45              |  M K908             |  M T818
     D460 -D464       |  M K913             |  M T880 -T889
   M D470 -D471       |  M K918 -K919       |    T96
     D472             |    L081             |    X40  -X44
   M D473 -D479       |  M L448             |    X60  -X64
```

--- D611 ---	--- D618 ---	--- D618 ---
CONTINUED	CONTINUED	CONTINUED
X85	E060 -E070	M O230 -O264
Y10 -Y14	M E071	M O266 -O289
Y400 -Y599	E078 -E079	M O296
Y638 -Y639	M E230	M O300
M Y880 -Y883	M E538 -E539	M O309 -O310
	M E740	M O329
--- D612 ---	M E750 -E753	M O341 -O343
	M E755 -E756	M O345
D612	E770	M O364 -O365
T510 -T659	M E778	M O40 -O411
T814	M E782	M O419
T97	M E798	M O429
M V930 -V949	M E880	M O431 -O438
W88 -W91	M E890	M O441
M X32	M F132	M O459
X45 -X49	F182	M O468
X65 -X69	M F192	M O48 -O60
X86 -X90	M G030	M O623
Y15 -Y19	M G040	M O639
Y365 -Y367	M G048	M O720 -O721
Y632 -Y633	G361	M O759 -O868
M Y842	M G92	M O881 -O882
M Y848	G933	M O903
M Y86 -Y872	M G958	M O908
Y891	M I330	M O923
	M I888	M O95
--- D613 ---	M J00	M O980 -O998
	J020	R75
D613	J030	M R771
	M J040 -J042	M R897
--- D618 ---	M J069	
	J65	--- D619 ---
A000 -C97	M J848 -J8490	
D150	K900 -K901	A000 -C97
M D45	M K908	D150
D461 -D464	L081	M D45
M D470 -D471	M L448	D461 -D464
D472	M L590	M D469 -D471
M D473 -D479	M L818	D472
M D510	L946	M D473 -D479
D511 -D589	M021	M D510
M D592	M M023	D511 -D589
D595 -D596	M101	M D592
M D599	M320 -M329	D595 -D596
D600 -D649	M352	M D599
M D70	M M485 -M488	D600 -D649
D730 -D739	M810 -M816	M D70
M D748	M M818	D730 -D739
D751	M819	M D748
M D758	M M858	D751
M D760	M M872	M D758
D860 -D891	N143	D760 -D763
M D892	N341	D860 -D891
E030	M O000 -O11	M D892
M E034	M O121 -O16	E030
M E041	M O209	M E034

```
   --- D619  ---    |    --- D619  ---    |    --- D62   ---
     CONTINUED       |      CONTINUED       |      CONTINUED
 M E041              |     N390             |  M E790
   E060 -E070        |  M O000 -O11         |    E791 -E896
 M E071              |  M O121 -O16         |  M E898 -E899
   E078 -E079        |  M O209             |    F010 -F169
 M E230              |  M O230 -O264        |  M F170
 M E538 -E539        |  M O266 -O289        |    F173 -F339
 M E740              |  M O296             |  M F340 -F341
 M E750 -E753        |  M O300             |    F348 -F443
 M E755 -E756        |  M O309 -O310        |  M F444
   E770              |  M O329             |    F445
 M E778              |  M O341 -O343        |  M F446 -F459
 M E782              |  M O345             |    F480 -F481
 M E798              |  M O364 -O365        |  M F488
 M E880              |  M O40  -O411        |    F489 -F509
 M E890              |  M O419             |    F520 -F539
 M F132              |  M O429             |  M F54
   F182              |  M O431 -O438        |    F55
 M F192              |  M O441             |  M F602 -F603
 M G030              |  M O459             |    F609
 M G040              |  M O468             |    F620 -F621
 M G048              |  M O48  -O60         |    F629
   G361              |  M O623             |    F633
 M G92               |  M O639             |    F640 -F680
   G933              |  M O720 -O721        |  M F688
 M G958              |  M O759 -O868        |    F69  -F79
 M I330              |  M O881 -O882        |    F840 -F849
 M I888              |  M O903             |    F930
 M J00               |  M O908             |    F940
   J020              |  M O923             |    F981 -F983
   J030              |  M O95              |  M F99
 M J040 -J042        |  M O980 -O998        |    G000 -G031
 M J069              |    R75              |  M G038 -G039
   J65               |  M R771             |    G040 -G440
 M J848 -J8490       |  M R897             |    G448 -G474
 M K740 -K746        |  M T360 -T659        |  M G478
   K900 -K901        |    T810 -T889        |    G500 -G902
 M K908              |  M T96  -T97         |  M G903
   L081              |    T983             |    G908 -G969
 M L448              |  M V930 -V949        |  M G971
 M L590              |    W88  -W91         |    G98
 M L818              |  M X32              |    H026
   L946              |  M X40  -X49         |  M H111
   M021              |  M X60  -X69         |  M H160
 M M023              |  M X85  -X90         |    H161
   M101              |  M Y14  -Y19         |  M H162
   M320 -M329        |    Y365 -Y367        |    H163 -H164
   M352              |    Y400 -Y599        |  M H168
 M M485 -M488        |    Y632 -Y633        |    H169
   M810 -M816        |  M Y842             |  M H180
 M M818              |  M Y848             |    H200 -H219
   M819              |  M Y86  -Y883        |  M H278
 M M858              |    Y891             |    H300 -H352
 M M872              |                     |  M H353
   N143              |     --- D62   ---    |    H354 -H359
   N170 -N19         |                     |  M H404
   N341              |    A000 -E789        |  M H432
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

--- D62 ---	--- D62 ---	--- D62 ---
CONTINUED	CONTINUED	CONTINUED
H440 -H449	M N481 -N483	M R18
H520 -H547	N484 -N486	M R198
M H55	M N488	M R233 -R238
M H578	N490 -N909	M R252
H600 -H913	M N910	M R291
M H918 -H919	N920 -N96	M R293
H920 -H933	N980 -N989	M R298
M H938 -H939	N991 -N994	R31
H958 -I899	M N998	M R398
I970 -I972	O000 -P969	R410
M I978 -I979	M Q019	M R418
I99 -J181	M Q049	R441
M J182 -J348	Q200 -Q246	R457
J350 -J80	M Q248	R58 -R5800
J82 -J953	Q249 -Q380	M R609
J955	Q382 -Q453	M R628
M J958	M Q458	M R64
J980	Q459	M R682 -R683
J982 -J985	M Q503	R72
M J986	M Q524	R75
J988 -K912	M Q528	M R771
K914 -K915	Q529	M R798
M K918 -K919	M Q552	M R897
K920 -L689	M Q554	M S004 -S005
L710 -L719	M Q556	S010 -S017
M L720	Q559	M S018
L731 -L738	Q600 -Q639	S019
M L739	Q641 -Q649	S025
L740 -L852	M Q675	S032
L858 -M009	M Q678 -Q680	S050
M021 -M100	M Q688	S053 -S057
M102 -M121	M Q740 -Q741	M S058 -S059
M125 -M167	Q750 -Q755	M S070
M M169	M Q758	M S078
M170 -M1990	Q759 -Q762	S080 -S090
M M210	M Q764	S092
M M218	Q765 -Q799	M S099
M219	M Q828	S110 -S119
M242	Q850 -Q868	S150 -S159
M M247	M Q870 -Q871	S170 -S18
M257	Q872 -Q873	M S198
M M258	M Q874	S210 -S219
M300 -M359	Q875 -Q990	S250 -S281
M420 -M429	M Q991	S297
M M431	Q992 -Q999	S310 -S318
M432 -M436	R001	S350 -S383
M45 -M767	R008	S396 -S397
M M768	M R012 -R02	M S398 -S399
M769	R040 -R042	S410 -S418
M M770	M R048	S450 -S459
M771 -M896	R049	S47 -S489
M M898 -M899	M R065	S510 -S519
M910 -M949	R091	S550 -S559
M961	M R101	S570 -S589
M966	M R11	S610 -S619
N000 -N459	R162	S650 -S659

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  --- D62   ---     |    --- D641  ---     |    --- D641   ---
    CONTINUED       |                      |      CONTINUED
    S670 -S689      |  M A000 -C97         |  M L081
    S710 -S718      |  M D45               |  M L448
    S750 -S759      |  M D461              |  M L946
    S770 -S789      |  M D471              |  M M021
    S810 -S819      |  M D510 -D599        |  M M023
    S850 -S859      |    D640 -D643        |  M M101
    S870 -S889      |  M D648              |  M M352
    S950 -S959      |  M D731              |  M N143
    S970 -S984      |  M D748              |  M N188 -N19
    T012 -T019      |  M D758              |  M N341
    T041 -T059      |  M D860 -D869        |  M O980 -O981
    T063            |  M D892              |    R162
    T065            |  M E018 -E02         |  M R75
    T091            |  M E032 -E0390       |  M R780
    T096            |  M E050 -E059        |  M R826
    T111            |  M E230              |  M R893
    T114            |  M E531              |  M R897
    T116            |  M E539              |
    T131            |  M E798              |    --- D642   ---
    T134            |  M E800 -E802        |
    T136            |  M E831              |    D642
  M T140            |  M E880              |  M T560
    T141            |  M E890              |  M X49
    T145            |  M F100 -F102        |  M Y400 -Y599
    T147 -T148      |  M F109 -F112        |  M Y86
  M T629            |  M F119 -F122        |  M Y880
  M T659            |  M F130 -F132        |
  M T698            |  M F140 -F142        |    --- D643   ---
  M T708            |  M F150 -F152        |
  M T740 -T741      |  M F160 -F162        |  M A000 -C97
  M T743            |  M F180 -F182        |  M D45
    T748            |  M F190 -F192        |  M D461
  M T749            |  M F55               |  M D471
  M T752            |  M G030              |  M D510 -D599
    T781            |  M G040              |    D640 -D643
    T792            |  M G361              |  M D648
    T794            |  M G933              |  M D731
    T800 -T816      |  M I330              |  M D748
  M T818            |  M I423              |  M D758
    T819            |  M I729              |  M D860 -D869
    T828            |  M I888              |  M D892
  M T829            |  M J00               |  M E018 -E02
    T838            |  M J020              |  M E032 -E0390
  M T839            |  M J030              |  M E050 -E059
    T848            |  M J040 -J042        |  M E230
  M T849            |  M J069              |  M E531
  M T858 -T859      |  M J65               |  M E539
    T860 -T872      |    K700 -K703        |  M E798
    T880 -T881      |    K709              |  M E800 -E802
    T884            |  M K721              |  M E831
    T888 -T889      |    K730 -K746        |  M E880
    V010 -X89       |    K760              |  M E890
                    |  M K761              |  M F100 -F102
  --- D640  ---     |  M K766              |  M F109 -F112
                    |  M K769              |  M F119 -F122
    D640            |  M K908              |  M F130 -F132
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--- D643 ---		--- D648 ---		--- D648 ---
CONTINUED				CONTINUED
M F140 -F142		M A000 -D644		M R18 -R190
M F150 -F152		D648		M R193
M F160 -F162		M D649 -F170		M R198
M F180 -F182		M F173 -F509		M R233 -R238
M F190 -F192		M F520 -F55		M R252
M F55		M F602 -F603		M R291 -R298
M G030		M F609 -F629		M R31
M G040		M F633		M R398 -R410
M G361		M F640 -F680		M R418
M G933		M F688 -F79		M R441
M I330		M F840 -F849		M R457
M I423		M F930		M R500 -R509
M I729		M F940		M R53 -R54
M I888		M F981 -F983		M R570 -R599
M J00		M F99 -G440		M R609
M J020		M G448 -G98		M R620 -R64
M J030		M H026		M R683 -R749
M J040 -J042		M H111		R75
M J069		M H150 -H169		M R770 -R829
M J65		M H180		M R893
K700 -K703		M H200 -H219		M R897
K709		M H270 -H359		M R899
M K721		M H404		M S000 -Y899
K730 -K746		M H430 -H449		
K760		M H473		--- D649 ---
M K761		M H490 -L689		
M K766		M L710 -L719		A000 -E52
M K769		M L731 -L852		M E538
M K908		M L858 -M121		E54 -E643
M L081		M M125 -M1990		M E648
M L448		M M201		E649 -E673
M L946		M M218 -M219		M E678
M M021		M M242		E68 -E789
M M023		M M247		M E790
M M101		M M257 -M258		E791 -F169
M M352		M M300 -M359		M F170
M N143		M M420 -M429		F173 -F339
M N188 -N19		M M431 -M436		M F340 -F341
M N341		M M45 -M949		F348 -F443
M O980 -O981		M M961		M F444
R162		M M966 -M969		F445
M R75		M N000 -N219		M F446
M R780		M N250 -N393		F447 -F452
M R826		M N398 -N459		M F453 -F459
M R893		M N489 -N910		F480 -F481
M R897		M N920 -N96		M F488
M T560		M N980 -Q999		F489 -F501
M X49		M R001		M F502
M Y400 -Y599		M R008		F503 -F509
M Y86		M R012 -R042		F520 -F539
M Y880		M R049		M F54
		M R065		F55
--- D644 ---		M R090 -R092		M F602 -F603
		M R098 -R11		F609
D644		M R13		M F61
		M R160 -R162		F620 -F621

--- D649 ---	--- D649 ---	--- D649 ---
CONTINUED	CONTINUED	CONTINUED
F629	J984 -J985	M Q554
F633	M J986	M Q556
F640 -F680	K000 -L059	Q559
M F688	M L080	Q600 -Q605
F69 -F79	L081 -L689	M Q606
F840 -F849	L710 -L719	Q610 -Q639
F930	M L720	Q641 -Q649
F940	L731 -L738	M Q675
F981 -F983	M L739	M Q678 -Q680
M F99	L740 -L852	M Q688
G000 -G129	L858 -M121	M Q740 -Q741
M G20 -G2000	M125 -M167	Q750 -Q762
G210 -G440	M M169	M Q764
G448 -G459	M170 -M1990	Q765 -Q799
M G473	M M201	M Q828
G474	M M218 -M219	Q850 -Q868
M G478	M242	M Q870 -Q871
G500 -G98	M M247	Q872 -Q873
H026	M257	M Q874
M H111	M M258	Q875 -Q999
M H160	M300 -M359	R001
H161	M420 -M429	R008
M H162	M M431	M R012
H163 -H164	M432 -M436	R02
M H168	M45 -M769	R040 -R042
H169	M M770	R049
M H180	M771 -M896	M R065
H200 -H219	M M898	R091
M H278	M899 -M911	M R101
H300 -H314	M M912	M R104
M H318	M913 -M924	R11
H319 -H352	M M925	M R13
M H353	M926 -M949	R160 -R162
H354 -H359	M961	M R18
M H404	M966 -M969	M R198
M H432	N000 -N189	M R233 -R238
H440 -H449	M N19	M R252
H520 -H536	N200 -N219	M R291
M H538	N250 -N390	M R293
H539 -H547	N392	M R298
M H55	M N393	R31
M H578	N398 -N459	M R398
H590	M N488	R400 -R410
M H598 -H599	N490 -N909	M R418
H600 -H913	M N910	R441
M H918 -H919	N920 -N96	R457
H920 -I899	N980 -Q079	M R53
I970 -J181	Q200 -Q380	R570 -R578
M J182	Q382 -Q453	M R579
J188 -J343	M Q458	R58 -R5800
M J348	Q459	M R609
J350 -J80	M Q503	R620
M J81	M Q524	M R628
J82 -J959	M Q528	R629 -R630
J980	Q529	R633 -R634
J982	M Q552	R64

--- D649 ---	--- D65 ---	--- D65 ---
CONTINUED	CONTINUED	CONTINUED
R682	E896	M K289
M R683	M E898 -E899	K290 -K299
R71 -R72	G000 -G048	K313
R75	M G049 -G060	M K318 -K319
M R771	G061 -G09	K400 -K528
M R788	M G119	M K529
M R798	G361	K550 -K566
M R897	G373 -G374	M K567
S000 -T983	G450 -G452	K570 -K579
Y400 -Y599	G454 -G459	M K650 -K658
Y842	M G540	M K660 -K661
Y880 -Y883	M G92	K700 -K901
	G933	M K902
--- D65 ---	M G934	K903 -K909
	G936 -G937	K912 -K913
A000 -D489	M G938	K915
D550 -D581	M G951	M K918
M D582	M G958	K919 -K921
D588 -D589	M G961	M K922
D591	G970	L081
M D592	M G971 -G979	M L448
D595 -D596	H590 -H598	M L590
M D599	M H599	M L818
M D648	M H833	M L921
D65	I10 -I629	L946
D683 -D689	M I630	M020 -M022
D693 -D696	I631	M M023
M D720	M I632	M101
M D728	I633 -I677	M M219
M D731	M I678 -I679	M300 -M329
M D748	I690 -I829	M M352
M D758	M I868	M M628 *
D800 -D840	M I888	M M768
M D841	I970 -I971	M966 -M969
D848 -D869	I978 -I979	N000 -N019
D891	M J00	M N029
M D892	J020	N030 -N078
D898 -D899	J030	M N079
E100 -E138	M J040 -J042	N10 -N138
M E139 -E140	M J069	M N139
E141 -E149	J100 -J181	N140 -N209
E240 -E279	M J182	N250 -N289
E40	J188 -J22	N341
M E41	J40 -J418	M N40
E42 -E46	M J42	N410
E561	J430	M N411
E619	J440 -J449	N412 -N419
M E639	J65	M N428
E640	J690 -J698	N700 -N709
M E648	J80	N730 -N735
E649	J951 -J954	M N736
M E713	J958 -J959	N738 -N739
E835	M J980	M N818
E840 -E859	M K222	N832
M E871	M K229	N980 -N990
M E880	K250 -K287	N994 -N995

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    --- D65   ---      |    --- D683  ---      |    --- D683   ---
       CONTINUED       |       CONTINUED       |       CONTINUED
   M N998              |    M D588              |    M J00
     N999 -O431        |      D595 -D596        |      J020
   M O438              |    M D599              |      J030
     O439 -O998        |    M D648              |    M J040 -J042
   M P200 -P209        |    M D65               |    M J069
     P210 -P211        |      D683              |      J65
   M P219              |    M D688              |      J80
     P220              |      D693 -D696        |      J951 -J954
     P293              |    M D731              |    M J958
     P350 -P399        |    M D748              |      J959
     P53               |    M D758              |    M K221
     P60  -P613        |      D860 -D869        |      K250 -K277
   M P614              |      D891 -D892        |    M K279
     P615 -P619        |      E101              |      K280 -K287
     Q200 -Q246        |      E111              |    M K289
   M Q248              |      E121              |      K500 -K528
     Q249 -Q289        |      E131              |    M K529
   M Q792              |      E141              |      K550 -K559
     Q850              |    M E240              |    M K650 -K658
     R001              |      E241              |    M K660
     R008              |    M E242              |      K700 -K901
   M R012              |      E243 -E248        |    M K902
     R02               |    M E249              |      K903 -K909
     R162              |    M E349              |      K912 -K913
   M R291              |    M E46               |      K915
   M R31               |      E561              |    M K918
     R570 -R578        |      E619              |      K919
   M R579 -R5800       |    M E639              |      L081
   M R64               |    M E648              |    M L448
     R75               |      E649              |    M L590
   M R897              |    M E835              |    M L818
     S000 -Y899        |      E840 -E859        |      L946
                       |    M E880              |      M020 -M022
    --- D66   ---      |    M E898 -E899        |    M M023
                       |    M G030              |      M101
                       |    M G038 -G040        |      M300 -M316
     D66               |    M G048              |      M321 -M329
                       |      G361              |      M352
    --- D67   ---      |    M G92               |    M M768
                       |      G933              |      M966 -M969
                       |    M G958              |    M N009
     D67               |      G970              |    M N019
                       |    M G971 -G979        |    M N039 -N049
    --- D680  ---      |      H590 -H598        |      N143
                       |    M H599             |    M N188 -N19
                       |    M H833              |      N341
     D680              |      I269              |    M N818
                       |      I460              |      N980 -N990
    --- D681  ---      |    M I469              |      N995
                       |      I500 -I5000       |    M N998
                       |      I710 -I728        |      N999 -O431
     D681              |    M I729              |    M O438
                       |    M I770              |      O439 -O998
    --- D682  ---      |    M I888              |      P53
                       |    M I978              |      P60  -P613
     D682              |      I979              |    M P614
                       |
    --- D683  ---      |
                       |
     A000 -D489        |
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--- D683 ---	--- D684 ---	--- D684 ---
CONTINUED	CONTINUED	CONTINUED
P615 -P619	D800 -D840	J959
Q200 -Q202	M D841	M K221
M Q203	D848 -D869	K250 -K277
Q204 -Q210	D891 -D899	M K279
M Q211	E101	K280 -K287
Q212 -Q246	E111	M K289
M Q248	E121	K500 -K528
Q249	E131	M K529
M Q255	E141	K550 -K559
M Q289	M E240	M K650 -K658
Q850	E241	M K660
R162	M E242	K700 -K901
M R291	E243 -E248	M K902
R570 -R578	M E249	K903 -K909
M R579	M E349	K912 -K913
R75	M E46	K915 -K919
M R897	E561	M K922
S000 -S003	E619	L081
M S004 -S005	M E639	M L448
S007 -S359	M E648	M L590
M S360	E649	M L818
S361 -S831	M E835	L946
M S832	E841 -E859	M020 -M023
S833 -T141	M E880	M101
M T142	M E898 -E899	M M219
T143 -T658	M G030	M300 -M329
M T659	M G038 -G040	M352
T66 -T691	M G048	M M359
M T698	G361	M M768
T699 -T751	M G92	M966 -M969
M T752	G933	M N009
T753 -T780	M G936	M N019
M T781	G970	M N039
T782 -T959	M G971 -G979	N040 -N050
T97 -T980	H590 -H598	M N12
M T981	M H599	N143
T982 -T983	M H833	M N188 -N19
M V010 -Y899	M I269	N341
	I460	M N818
--- D684 ---	M I469	N980 -N990
	I500 -I5000	N995 -O431
A000 -D447	I700 -I728	M O438
M D448	M I729	O439 -O998
D449 -D45	M I770	P220
D470 -D489	M I888	P293
M D588	M I978	P53
D595 -D596	I979	P60 -P613
M D599	M J00	M P614
M D648	J020	P615 -P619
M D65	J030	Q200 -Q202
D683 -D684	M J040 -J042	M Q203
M D688	M J069	Q204 -Q210
D693 -D696	J65	M Q211
M D731	J80	Q212 -Q246
M D748	J951 -J954	M Q248
M D758	M J958	Q249

--- D684 ---	--- D688 ---	--- D688 ---
CONTINUED	CONTINUED	CONTINUED
M Q289	E141 -E149	J100 -J181
Q850	M E240 -E279	M J182
M R104	M E349	J188 -J22
R162	E40	J40 -J418
M R291	M E41	M J42
R570 -R578	E42 -E46	J430
M R579 -R5800	E560 -E640	J440 -J449
M R64	M E648	J65
R75	E649	J690 -J698
M R897	M E713	J80
S000 -S003	M E835	J951 -J954
M S004 -S005	E840 -E859	J958 -J959
S007 -S359	M E871	M J980
M S360	M E880	M K221 -K222
S361 -S831	E896	K250 -K287
M S832	M E898 -E899	M K289
S833 -T141	G000 -G040	K290 -K299
M T142	G042 -G049	K313
T143 -T658	M G060	M K318 -K319
M T659	G061 -G09	K400 -K528
T66 -T691	M G119	M K529
M T698	G361	K550 -K565
T699 -T751	G373 -G374	M K566
M T752	G450 -G452	K567 -K579
T753 -T780	G454 -G459	M K650 -K658
M T781	M G540	M K660 -K661
T782 -T959	M G92	K700 -K901
T97 -T980	G933	M K902
M T981	M G934	K903 -K909
T982 -T983	G936 -G937	K912 -K913
M V010 -Y899	M G938	K915
	M G951	M K918
--- D688 ---	M G958	K919 -K921
	M G961	M K922
A000 -D489	G970	L081
D550 -D581	M G971 -G979	M L448
M D582	H590 -H598	M L590
D588 -D589	M H599	M L818
M D592	M H833	L946
D595 -D596	I10 -I629	M020 -M023
M D599	M I630	M101
M D648	I631	M M219
M D65	M I632	M M300
D682 -D689	I633 -I677	M301 -M329
D693 -D696	M I678 -I679	M352
M D720	I690 -I829	M M359
M D728	M I868	M M768
M D731	M I888	M966 -M969
M D748	I970 -I971	N000 -N019
M D758	M I978	M N029
D800 -D840	I979	N030 -N138
M D841	M J00	M N139
D848 -D869	J020	N140 -N189
D891 -D899	J030	M N19
E100 -E138	M J040 -J042	N200 -N209
M E139 -E140	M J069	N250 -N289

--- D688 ---	--- D688 ---	--- D689 ---
CONTINUED	CONTINUED	CONTINUED
N341	M T752	G970
N392	T753 -T780	M G971 -G979
M N40 -N419	M T781	H590 -H598
M N428	T782 -T959	M H599
N700 -N709	T97 -T980	M H833
N730 -N735	M T981	I00 -I519
M N736	T982 -T983	I700 -I728
N738 -N739	M V010 -Y899	M I729
M N818		M I770
N980 -N990	--- D689 ---	I800 -I899
N995		M I978
M N998	A000 -D489	I979
N999 -O431	D550 -D581	M J00
M O438	M D582	J020
O439 -O998	D588 -D589	J030
M P200 -P209	M D592	M J040 -J042
P211	D595 -D596	M J069
M P219	M D599	J100 -J22
P220	D600 -D619	J40 -J418
P350 -P399	M D648	J430
P53	M D65	J440 -J449
P60 -P613	D683 -D684	J65
M P614	M D688	J690 -J698
P615 -P619	D689	J80
Q200 -Q202	D693 -D696	J951 -J954
M Q203	M D731	M J958
Q204 -Q246	M D748	J959
M Q248	M D758	J984
Q249 -Q289	D800 -D840	M K221
M Q792	M D841	K250 -K277
Q850	D848 -D869	M K279
R001	D891 -D899	K280 -K287
R008	E100 -E149 *	M K289
M R012	M E240	K500 -K528
M R104	E241	M K529
R162	M E242	K550 -K559
M R291	E243 -E248	M K650 -K658
M R31	M E249	M K660
R570 -R578	M E349	K700 -K901
M R579 -R5800	M E46	M K902
M R64	E561	K903 -K909
R75	E619	K912 -K913
M R897	M E639	K915 -K919
S000 -S003	M E648	M K922
M S004 -S005	E649	L081
S007 -S359	M E835	M L448
M S360	E841 -E859	M L590
S361 -S831	M E880	M L818
M S832	M E898 -E899	L946
S833 -T141	M G030	M020 -M023
M T142	M G038 -G040	M101
T143 -T658	M G048	M M219
M T659	G361	M300 -M329
T66 -T691	M G92	M352
M T698	G933	M M359
T699 -T751	M G936	M M768

```
   --- D689  ---    |    --- D689  ---    |    --- D690   ---
      CONTINUED      |       CONTINUED      |       CONTINUED
      M966 -M969     |    T982 -T983        |  M G038 -G039
  M N009             |  M V010 -Y899        |    G040
  M N019             |                      |    G042 -G049
  M N039             |     --- D690   ---   |  M G060
    N040 -N050       |                      |    G061 -G09
  M N12              |     A000 -C97        |    G312
    N143             |     D45  -D460       |    G361
  M N180 -N19        |     D462 -D469       |    G373 -G374
    N341             |  M D471             |  M G540
  M N818             |  M D510             |  M G92
    N980 -N990       |    D511 -D581        |    G933
    N995 -O431       |  M D582             |  M G958
  M O438             |    D588 -D618        |  M G961
    O439 -O998       |  M D619             |    I00  -I019
    P220             |  M D648             |  M I10
    P293             |    D65  -D692        |  M I308
    P53              |    D698 -D71         |    I330 -I339
    P60  -P613       |  M D720             |    I400 -I409
  M P614             |    D721             |  M I423
    P615 -P619       |  M D728             |  M I729
    Q200 -Q202       |    D729 -D759        |    I749
  M Q203             |    D860 -D869        |  M I770
    Q204 -Q210       |  M D892             |    I771 -I779
  M Q211             |  M E240             |    I872
    Q212 -Q246       |    E241             |  M I878
  M Q248             |  M E242             |    I879 -I889
    Q249             |    E243             |  M I898 -I899
  M Q289             |    E248             |  M I99  -J00
    Q850             |  M E249             |    J020
  M R104             |  M E301             |    J030
    R162             |    E54              |  M J040 -J042
  M R291             |    E569             |  M J069
    R570 -R578       |    E642             |    J65
  M R579 -R5800      |  M E648             |  M K658
  M R64              |  M E703             |  M K660
    R75              |  M E798             |    K700 -K769
  M R897             |    E850 -E859        |  M K908
    S000 -S003       |  M E871             |    L081
  M S004 -S005       |  M E880             |    L272
    S007 -S359       |  M F100             |  M L448
  M S360             |    F101 -F102        |    L573
    S361 -S831       |    F110 -F112        |    L80  -L819
  M S832             |    F119             |    L946
    S833 -T141       |  M F120             |  M L958
  M T142             |    F121 -F122        |    L959
    T143 -T658       |    F130 -F132        |    M021 -M023
  M T659             |  M F140             |    M050 -M089
    T66  -T691       |    F141 -F142        |    M101
  M T698             |  M F150             |    M120
    T699 -T751       |    F151 -F152        |  M M138
  M T752             |    F160 -F162        |  M M159
    T753 -T780       |  M F180 -F181        |  M M300
  M T781             |    F182             |    M301 -M352
    T782 -T959       |  M F190 -F191        |    M358
    T97  -T980       |    F192             |  M M359
  M T981             |    G000 -G032        |  M M898
```

--- D690 ---	--- D690 ---	--- D692 ---
CONTINUED	CONTINUED	CONTINUED
N000 -N078	M T659	M E871
M N079	T780 -T784	M E880
N10 -N189	T789	M F100
M N19	T806	F101 -F102
N200 -N219	M T818	M F110
N250 -N311	M T881	F111 -F112
M N312 -N319	M T885	F119
N320 -N390	T886 -T887	M F120
N392	T96 -T97	F121 -F122
N398 -N399	M T981	F132
M N719	X20 -X29	M F140
N897	X40 -X48	F141 -F142
N910 -N939	M X49	M F150
M N948	X60 -X69	F151 -F152
N950 -N959	Y10 -Y19	M F160
N991	Y400 -Y599	F161 -F162
M P070 -P073	M Y86	M F180 -F181
M P219	Y870	F182
M P221 -P289	Y872	M F190
M P546		F191 -F192
M Q458	--- D691 ---	F55
M Q680		G000 -G032
M Q740 -Q741	M C000 -C97	M G038 -G039
M Q758	D691	G040
M Q772		G042 -G048
Q775 -Q776	--- D692 ---	M G049 -G060
M Q778		G061 -G09
Q779 -Q783	A000 -C97	G312
M Q785	D45	G361
M Q788 -Q789	D461 -D464	G373 -G374
M Q791	M D471	M G540
M Q794 -Q795	M D510	M G92
Q796	D511 -D644	G933
M Q798	M D648	M G934
M Q808	D649 -D699	M G958
Q810 -Q819	M D731	M G961
M Q820	M D748	I00 -I019
Q821 -Q825	M D758	M I10
M Q828	D860 -D892	M I308
M Q848	M E240	I330 -I339
M Q872 -Q873	E241	I400 -I409
M Q878	M E242	M I423
M R104	E243 -E248	M I729
R162	M E249	I749
M R233	M E301	M I770
M R238	M E349	I771 -I779
M R291	E40	I872
R31	M E41	M I878
M R398	E42 -E519	I879
R72	M E52	M I888
R75	E531	I99
R780	M E538	M J00
M R826	E539 -E649	J020
M R893	M E703	J030
M R897	M E798	M J040 -J042
T360 -T658	E850 -E859	M J069

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  --- D692 ---    |    --- D692 ---    |    --- D692  ---
    CONTINUED     |      CONTINUED     |      CONTINUED
M J411 -J42       |     M101           |   M R104
M J440 -J448      |     M120           |     R162
  J65             |   M M138           |   M R233 -R238
M K658            |   M M159           |     R31
M K660            |   M M199 -M1990    |   M R398
  K700 -K742      |   M M300           |   M R64
M K743            |     M301 -M352     |   M R688
  K744 -K769      |     M358           |     R75
  K900 -K901      |   M M359           |   M R771
M K908            |   M M45            |   M R798
  L081            |     M830 -M835     |     R825 -R828
  L111 -L119      |   M M838           |   M R829
  L230 -L259      |     M839           |   M R897
  L272            |   M M898           |     T360 -T658
M L280            |     N000 -N078     |   M T659
M L293            |   M N079           |     T780 -T784
  L300            |     N10  -N219     |     T789
M L304            |     N250 -N311     |     T806
M L308            |   M N312 -N319     |   M T818
  L309            |     N320 -N390     |   M T881
M L448            |     N392           |   M T885
M L509            |     N398 -N399     |     T886 -T887
  L550 -L569      |   M N719           |     T96  -T97
  L571 -L573      |     N897           |   M T981
M L574            |     N910 -N938     |     X20  -X29
  L575 -L580      |   M N939           |     X40  -X48
M L581            |   M N948           |   M X49
  L589            |     N950 -N959     |     X60  -X69
M L590 -L598      |     N991           |     Y10  -Y19
  L599            |   M O980 -O981     |     Y400 -Y599
  L664            |   M P070 -P073     |   M Y86
M L720            |   M P219           |     Y870
M L738            |   M P221 -P289     |
  L80  -L819      |   M P546           |    --- D693  ---
M L82  -L83       |   M Q458           |
M L858 -L859      |   M Q680           |      D693
  L871            |   M Q740 -Q741     |
M L872            |   M Q758           |    --- D694  ---
  L878 -L879      |   M Q772           |
M L902            |     Q775 -Q776     |   M A33
  L903 -L905      |   M Q778           |   M B91
M L908 -L909      |     Q779 -Q783     |     D693 -D694
M L918            |   M Q785           |   M G450 -G452
M L921            |   M Q788 -Q789     |   M G454 -G459
  L922 -L923      |   M Q791           |   M G540
M L928            |   M Q794 -Q795     |   M G903
  L942            |     Q796           |   M G936
  L944            |   M Q798           |   M G938
  L946            |   M Q808           |   M G951
M L958            |     Q810 -Q819     |   M I10  -I879
  L959            |   M Q820           |   M I890 -I978
  L985 -L986      |     Q821 -Q825     |   M I99
M L988            |   M Q828           |   M K221
  L989            |   M Q848           |   M K250 -K289
  M021 -M023      |   M Q872 -Q874     |   M K658 -K661
  M050 -M089      |   M Q878           |   M K700 -K769
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  --- D694  ---      |    --- D695  ---      |    --- D695   ---
     CONTINUED       |       CONTINUED       |       CONTINUED
M K922               |  M E782               |  M I898
M L930 -L932         |  M E798               |    I899 -I972
M M300 -M319         |    E803               |  M I978
M P070 -P073         |  M E835               |    I99
M P219               |  M E871               |  M J00
M P221 -P289         |  M E880               |    J020
M P350 -P399         |  M E888               |    J030
M R001               |  M E890               |  M J040 -J042
M R008               |  M E898               |  M J069
M R012               |  M F100               |    J100 -J118
M R162               |    F101 -F102         |    J65
M R58  -R5800        |  M F110               |  M K658
M T752               |    F111 -F112         |  M K660 -K661
                     |    F119               |    K700 -K769
  --- D695  ---      |  M F120               |  M K908
                     |    F121 -F122         |    K920 -K921
   A000 -D447        |  M F130               |  M K922
M D448               |    F131 -F132         |    L081
   D449 -D509        |  M F140               |  M L448
M D510               |    F141 -F142         |  M L590
   D511 -D691        |  M F150               |  M L818
M D692               |    F151 -F152         |    L946
   D693 -D699        |  M F160               |    M021
   D730 -D752        |    F161 -F162         |    M023
M D758               |  M F180 -F181         |    M050 -M089
   D759 -D763        |    F182               |    M101
   D814              |  M F190 -F191         |    M120
   D820              |    F192               |  M M138
M D821               |    F55               |  M M159
   D840              |    G000 -G032         |  M M199 -M1990
M D841 -D848         |  M G038 -G039         |    M219
   D860 -D892        |    G040               |  M M300
   E000 -E009        |    G042 -G048         |    M301 -M329
   E018 -E02         |  M G049 -G060         |    M352
   E031 -E033        |    G061 -G09          |  M M898
M E034               |    G312               |    N000 -N078
   E035 -E0390       |    G361               |  M N079
   E055              |    G373 -G374         |    N10  -N219
M E059               |    G450 -G452         |    N250 -N311
M E071               |    G454 -G459         |  M N312 -N319
M E230               |  M G540               |    N320 -N390
M E349               |  M G903               |    N392
M E46                |  M G92                |    N398 -N399
M E538               |    G933               |    N980 -N989
   E539 -E54         |  M G936               |    N991
   E560 -E639        |  M G938               |    O360 -O369
   E642              |  M G951               |    O430 -O431
M E648               |  M G958               |  M O438
   E649              |  M G961               |    O439 -O469
M E713               |    I00  -I019         |  M O60
M E740               |    I10  -I629         |    O670 -O689
M E750               |  M I630               |    O700 -O719
M E752               |    I631               |    O908
   E753              |    I633 -I677         |  M O980 -O981
M E755 -E756         |  M I678 -I679         |  M P070 -P073
   E768 -E779        |    I690 -I891         |  M P219
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TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

--- D695 ---	--- D695 ---	--- D696 ---
CONTINUED	CONTINUED	CONTINUED
M P221 -P289	T808 -T809	D730 -D752
P350 -P399	M T818	M D758
P550 -P560	M T881	D759 -D763
P570	T882 -T883	D814
P610	M T885	D820
M P614	T886 -T888	M D821
M Q204 -Q205	M T889	D840
Q206	T950 -T97	M D841 -D848
M Q208	T981	D860 -D892
Q209	T983	E000 -E009
M Q210	M V010 -V99	E018
Q220 -Q246	W00 -W53	M E02
M Q248	M W54 -W56	E031 -E033
Q249	W57	M E034
M Q289	M W58 -W87	E035 -E0390
M Q758	W88 -W93	E055
Q775 -Q776	M W94 -X19	M E059
M Q778	X20 -X32	M E071
Q779 -Q783	M X34 -X39	M E230
M Q788 -Q789	X40 -X48	M E349
M Q798	M X49 -X59	M E46
M Q828	M X69 -Y369	M E538 -E539
Q850	Y400 -Y601	E54
R001	Y603	E560 -E639
R008	Y605	E642
M R012	Y610 -Y611	M E648
R161 -R162	Y613	E649
M R233	Y615	E700 -E702
M R291	Y617	M E703
R31	Y620 -Y621	E708 -E710
M R398	Y623	M E711
R58 -R5800	Y625	E712
R75	Y630 -Y633	M E713
M R771	Y640 -Y655	E720 -E729
R780	M Y658	M E740
M R788	Y66 -Y831	M E750
M R798	Y840	M E752
R825	Y842	E753
M R826	Y848 -Y849	M E755 -E756
R827 -R828	M Y850 -Y872	E768 -E779
M R829	Y880 -Y881	M E782
M R893	M Y890 -Y891	M E798
M R897	Y899	E803
M T200		M E835
T201 -T289	--- D696 ---	M E880
M T300		M E888
T301 -T329	A000 -C97	M E890
T360 -T658	D159	M E898
M T659	D180 -D181	M F100
T66 -T670	D45 -D464	F101 -F103
T68	D471 -D479	M F110
M T752	D500 -D509	F111 -F112
T780 -T783	M D510	F119
M T784	D511 -D691	M F120
T788 -T789	M D692	F121 -F122
T803 -T804	D693 -D699	F130 -F132

--- D696 ---	--- D696 ---	--- D696 ---
CONTINUED	CONTINUED	CONTINUED
F140 -F142	M K660 -K661	Q209
M F150	K700 -K742	M Q210
F151 -F152	M K743	Q220 -Q246
M F160	K744 -K769	M Q248
F161 -F162	M K908	Q249
M F180 -F181	K920 -K921	M Q289
F182	M K922	M Q758
M F190 -F191	L081	Q775 -Q776
F192	L272	M Q778
F55	M L448	Q779 -Q783
G000 -G032	M L590	M Q788 -Q789
M G038 -G039	M L818	M Q798
G040	L946	M Q828
G042 -G048	M021	R001
M G049 -G060	M023	R008
G061 -G09	M050 -M089	M R012
G312	M101	R161 -R162
G361	M120	M R233
G373 -G374	M M138	M R291
G450 -G452	M M159	R31
G454 -G459	M M199 -M1990	M R398
M G540	M219	R58 -R5800
M G903	M M300	R75
M G92	M301 -M329	M R771
G933	M M352	R780
M G936	M M898	M R788
M G938	N000 -N078	M R798
M G951	M N079	R825
M G958	N10 -N219	M R826
M G961	N250 -N311	R827 -R828
I00 -I019	M N312 -N319	M R829
I10 -I629	N320 -N390	M R893
M I630	N392	M R897
I631	N398 -N399	M T200
M I632	N980 -N989	T201 -T289
I633 -I677	N991	M T300
M I678 -I679	O430 -O431	T301 -T329
I690 -I891	M O438	T360 -T658
M I898	O439 -O469	M T659
I899 -I972	M O60	T66 -T670
M I978	O670 -O689	T68
I99	O700 -O719	M T752
M J00	O908	T780 -T783
J020	M O980 -O981	M T784
J030	P007 -P008	T788 -T789
M J040 -J042	M P070 -P073	T803 -T804
M J069	M P219	T808 -T809
J100 -J118	M P221 -P289	M T818
J65	P350 -P399	T860 -T869
J850 -J853	P550 -P560	M T881
K290 -K293	P570	T882 -T883
M K294	P610	M T885
K295 -K299	M P614	T886 -T888
M K529	M Q204 -Q205	M T889
M K650 -K658	Q206	T950 -T97
K659	M Q208	T981

--- D696 ---	--- D698 -D699 ---	--- D698 -D699 ---
CONTINUED		CONTINUED
T983	A000 -D509	M G478
M V899 -W52	M D510	M G518
W53 -W54	D511 -D691	M G540
M W55 -W87	M D692	M G589 -G600
W88 -W93	D693 -E009	M G608
M W94 -X20	E018 -E0390	G610 -G611
X21 -X32	M E041	G620 -G622
M X34 -X39	E050 -E300	M G629
X40 -X46	M E301	G701
M X47	E308 -E342	G800 -G900
X48	M E343	M G901
M X49 -X59	E344 -E46	G902
M X69 -Y09	E511 -E673	M G903
M Y14	M E678	G908 -G92
M Y20 -Y369	E68 -E702	G933
Y400	M E703	M G936
Y411	E708 -E789	G937
M Y423	M E790	M G938
Y427	E791 -E831	G939 -G950
Y430	M E832	M G951
Y443	E833 -F019	G952 -G959
Y449 -Y450	M F03	M G960
Y462	F051	G961
Y484	F100 -F115	M G968
Y575	F117 -F125	G969 -G98
M Y579	F127 -F145	H026
Y593	F148 -F155	M H180
M Y599	F157 -F165	H590 -H598
Y600 -Y601	F167 -F169	M H599 -H600
Y603	M F170	H601 -H913
Y605	F173 -F175	M H918 -H919
Y610 -Y611	F177 -F185	H920 -I629
Y613	F187 -F195	M I630
Y615	F197 -F199	M I632
Y617	M F453	I636
Y620 -Y621	M F458	M I638
Y623	M F505	I670 -I671
Y625	M F54	M I672
Y630 -Y633	F55	I673 -I675
M Y635	G000 -G09	M I676
Y640 -Y655	M G10	I677
M Y658	G110 -G121	M I678
Y66	M G122 -G1220	I679 -I698
M Y69	G128 -G129	I710 -I731
Y700 -Y831	M G20 -G2000	I770 -I779
M Y833	G210 -G239	I830 -I864
M Y836	M G240	M I868
Y840	G241 -G248	I880 -I889
M Y842	M G249	M I898 -I899
Y848	G250 -G255	I970 -I971
M Y850 -Y872	M G256	I978 -I979
Y880 -Y881	G258 -G319	M J00
M Y890	M G35 -G3500	J010 -J181
	G360 -G419	M J182
	M G473	J188 -J339
	G474	M J340

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                                  TABLE D
              CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

  --- D698 -D699  --- | --- D698 -D699  --- | --- D698 -D699  ---
        CONTINUED     |       CONTINUED     |       CONTINUED
      J341 -J343      |     N850 -N896      |     R54
  M   J348            | M   N898            |     R570 -R578
      J350 -J393      |     N899 -N906      | M   R579
  M   J398            | M   N907            |     R590 -R599
      J399 -J80       |     N908 -N909      | M   R609
      J82  -J90       | M   N939            | M   R628
  M   J920 -J929      |     N940 -N946      | M   R64
      J940 -J942      | M   N948            |     R72
  M   J948            |     N980 -N998      |     R75
      J949            |     O000 -P545      | M   R771
      J951 -J959      | M   P546            |     R780
  M   J980            |     P548 -P941      | M   R788
      J982 -J983      | M   P942            | M   R798
  M   J984            |     P948 -P969      | M   R826
      K20  -K660      | M   Q019            | M   R893
  M   K661            | M   Q049            | M   R897
      K668 -K915      |     Q200 -Q246      |     S000 -Y899
  M   K918            | M   Q248            |
      K920 -K929      |     Q249 -Q349      |   --- D70    ---
      L081            |     Q380            |
  M   L448            |     Q382 -Q453      | M   A000 -A329
  M   L590            | M   Q458            | M   A35  -B199
  M   L818            |     Q459            |     B200 -B24
  M   L88             | M   Q503            | M   B250 -C943
      L946            | M   Q524            |     C944 -C97
      M000 -M120      |     Q600 -Q605      |     D45
  M   M138            | M   Q606            | M   D460
  M   M159            |     Q610 -Q639      | M   D462 -D469
  M M M199 -M1990     |     Q641 -Q649      |     D470
  M   M219            | M   Q740            | M   D471
  M   M300            | M   Q792            |     D473 -D479
      M301 -M352      | M   Q798            | M   D500 -D619
      M358 -M359      | M   Q828            | M   D648
  M   M768            |     Q850 -Q868      |     D70
      M830 -M835      | M   Q870 -Q874      | M   D71  -D729
  M   M838            |     Q875            | M   D731
      M839            | M   Q878            | M   D748
  M   M850            |     Q890 -Q990      | M   D752 -D759
  M   M890            | M   Q991            | M   D800
      N000 -N189      |     Q992 -Q999      | M   D810 -D813
  M   N19             |     R001            | M   D815 -D819
      N200 -N219      |     R008            | M   D821 -D839
      N250 -N390      | M   R012 -R02       | M   D860 -D869
      N392            |     R030            |     D891
  M   N393            |     R091            | M   D892
      N398 -N459      | M   R101            | M   E230
  M   N488            |     R104            | M   E349 -E649
      N490 -N509      | M   R11             | M   E703
      N700 -N711      |     R162            | M   E798
  M   N719            | M   R18             | M   E880
      N72  -N765      | M   R198            | M   F100 -F102
  M   N766            | M   R233            | M   F110 -F112
      N768 -N837      | M   R291            | M   F119 -F122
  M   N838 -N839      | M   R298            | M   F130 -F132
      N840 -N843      |     R31             | M   F140 -F142
  M   N848            | M   R398            | M   F150 -F152
```

--- D70 --- CONTINUED	--- D70 --- CONTINUED	--- D721 --- CONTINUED
M F160 -F162	R72	M F109 -F112
M F170 -F172	R75	M F119 -F122
M F180 -F182	M R897	M F129 -F132
M F190 -F192	M S360	M F139 -F142
M F500 -F502	M T360 -T789	M F149 -F152
M F55	M T818	M F159 -F162
M G030	M T885	M F169 -F172
M G040	M T950 -T97	M F179 -F182
M G048	M T981	M F189 -F192
M G312	M T983	M F199
M G361	M W88 -W91	M F55
M G92	M X32	M G030
M G933	M X40 -X50	M G040 -G048
M G958	M X53	M G312
M H111	M X60 -X69	M G361
M I888	M X85 -X90	M G92
M I899	M Y10 -Y19	M G933
M J00	M Y360 -Y599	M G958
M J020	M Y86	M H600
M J030	M Y871 -Y872	M I514
M J040 -J042	M Y891	M I898
M J069 -J129		M J00
M J200 -J22	--- D71 ---	M J020
M J40 -J418		M J030
M J65	A162	M J040 -J042
M K570 -K579	A164	M J069
M K700 -K703	A169	M J300 -J304
M K709	D71	M J340
M K721	J65	M J450 -J46
M K730 -K746		M J65
M K760 -K761	--- D720 ---	M J82
M K766		M K122 -K130
M K769	D720	M K510 -K519
M K908		M K908
M L081	--- D721 ---	M L00 -L989
M L448		M M021
M L818	M A000 -D489	M M023
M L946	M D510 -D589	M M050 -M089
M M021 -M023	M D648	M M101
M M050 -M089	M D692	M M120
M M101	D721	M M138
M M120	M D760 -D763	M M159
M M138	M D860 -D869	M M199 -M1990
M M159	M E230	M M300 -M359
M M199 -M1990	M E271 -E278	M N143
M M320 -M352	M E703	M N341
M M358 -M359	M E713	M O980 -O981
M M830 -M839	M E768 -E769	M Q200 -Q249
M N143	M E771 -E779	M Q289
M N341	M E798	M Q458
M O980 -O981	M E803	M Q800 -Q828
Q850	M E832	M Q848
M R162	M E888	M Q871
M R418	M E896 -E898	M R02
M R53	M F100 -F102	M R234 -R238
M R64	M F107	M R683

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   --- D721  ---      | --- D728 -D729  --- | --- D728 -D729   ---
     CONTINUED        |     CONTINUED       |     CONTINUED
     R75              |   M G10             |     J980 -J985
   M R897             |     G110 -G129      |     J988 -J989
   M T360 -T66        |   M G20   -G2000    |     K040 -K069
   M T698             |     G210 -G239      |     K090 -K137
   M T783 -T789       |   M G240            |     K20   -K221
   M T818             |     G241 -G248      |   M K222
   M T885             |   M G249            |     K223 -K224
   M T887             |     G250 -G259      |   M K225
   M T96  -T981       |   M G300 -G310      |     K226 -K228
   M W88  -W91        |     G311            |   M K229
   M X32              |   M G318            |     K250 -K277
   M X40  -X49        |     G319            |   M K279
   M X60  -X67        |   M G35   -G3500    |     K280 -K287
   M X85  -X90        |     G360            |   M K289
   M Y10  -Y19        |   M G361            |     K290 -K293
   M Y400 -Y599       |     G368 -G440      |   M K294
   M Y632 -Y633       |     G442            |     K295 -K299
   M Y842             |     G448            |     K350 -K401
   M Y859 -Y872       |     G453            |     K403 -K404
   M Y891             |   M G473            |     K410 -K411
                      |     G474            |     K413 -K414
 --- D728 -D729  ---  |   M G478 -G479      |     K420 -K421
                      |   M G589            |     K430 -K431
                      |     G610            |     K440 -K441
     A000 -D65        |   M G629            |     K450 -K451
     D690 -D691       |     G92             |   M K460
   M D692             |     G933            |     K461
     D693 -D729       |     G958            |     K500 -K579
   M D731             |   M G960            |   M K604
   M D748             |     G970 -G979      |     K610 -K614
   M D758             |     H026            |   M K908
     D760 -D899       |   M H111            |     K913
     E050 -E059       |   M H180            |   M K918
     E100 -E149       |   M H590            |     K919 -K921
   M E301             |     H600 -H832      |   M K922
     E40   -E702      |   M H833            |     K928
   M E703             |     H838 -I029      |   M K929
     E708 -E791       |     I300 -I309      |     L00   -L059
   M E798             |     I330 -I339      |   M L080
     E799 -E899       |     I400 -I409      |     L081 -L109
     F100 -F115       |   M I423            |     L120 -L449
     F117 -F125       |   M I630            |     L510 -L569
     F127 -F135       |   M I632            |     L578 -L599
     F137 -F145       |   M I678 -I679      |     L661
     F147 -F155       |   M I729            |     L710 -L719
     F157 -F165       |   M I888            |   M L818
     F167 -F175       |   M I898            |     L858
     F177 -F185       |   M I978 -I979      |     L88   -L89
     F187 -F195       |     J00   -J181     |     L920
     F197 -F199       |   M J182            |   M L921
     G000 -G009       |     J188 -J709      |     L928 -L932
   M G030             |     J82   -J860     |     L945 -L946
     G031 -G032       |   M J869            |     L951 -L958
   M G038 -G040       |     J90   -J929     |     L97   -L984
     G041 -G042       |     J940 -J949      |     L988
   M G048             |     J954 -J959      |     M000 -M1990
     G049 -G09        |                     |
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--- D728 -D729  ---  | --- D728 -D729  ---  | --- D728 -D729   ---
      CONTINUED       |       CONTINUED      |       CONTINUED
      M247           |    M R53             |       T131
   M  M300           |      R570 -R578      |       T134 -T142
      M311 -M316     |    M R579            |       T145
      M320 -M359     |      R58  -R599      |       T147 -T149
      M420 -M429     |      R630            |    M  T200
   M  M431 -M432     |    M R64             |       T201 -T289
   M  M45            |      R682            |    M  T300
      M460 -M478     |      R701            |       T301 -T658
   M  M479 -M480     |      R72             |    M  T659
      M481 -M485     |    M R739            |       T66  -T691
   M  M488 -M489     |      R740 -R75       |    M  T698
      M500 -M531     |      R770 -R780      |       T700 -T751
   M  M538           |      R787 -R788      |    M  T752
   M  M540 -M543     |    M R789            |       T753 -Y899
   M  M768           |      R790           |
      M800 -M849     |    M R798            | --- D730 -D739   ---
   M  M850           |      R799           |
      M851 -M858     |    M R826            |       A000 -D470
   M  M890           |    M R893            |    M  D471
   M  M898 -M899     |    M R897            |       D472 -F058
      M910 -M949     |    M S004            |    M  F059
      M966 -M969     |      S010 -S029      |       F060 -F169
      N000 -N189     |      S032           |    M  F170
   M  N19            |    M S050            |       F173 -F445
      N200 -N219     |      S052 -S057      |    M  F446
      N250 -N390     |    M S058 -S059      |       F447 -F454
      N392           |      S060 -S099      |    M  F458
      N398 -N399     |      S110 -S129      |       F459 -F509
      N700 -N809     |      S150 -S199      |       F520 -F530
      N820 -N829     |      S210 -S229      |    M  F54
   M  N888           |      S250 -S299      |       F55
      N897           |      S310 -S328      |       F603
   M  N908           |      S350 -S399      |       F633
      N910           |      S410 -S429      |       F640 -F79
      N920 -N939     |      S450 -S499      |       F930
   M  N948           |      S510 -S529      |       F940
      N950 -N959     |      S550 -S599      |       F981 -F983
      N980 -P941     |      S610 -S628      |       F99  -G239
   M  P942           |      S650 -S699      |    M  G240
      P948 -P969     |      S710 -S729      |       G241 -G248
   M  Q000 -Q999     |      S750 -S799      |    M  G249
      R02            |      S810 -S829      |       G250 -G440
      R040 -R041     |      S850 -S899      |       G442
   M  R065           |    M S909            |       G448 -G459
      R091           |      S910 -S925      |    M  G473
      R100 -R104     |      S929           |       G474
   M  R11            |      S950 -S999      |    M  G478
      R160 -R162     |      T012 -T022      |       G540
      R18  -R190     |      T024           |    M  G549
      R193           |    M T028            |       G64
   M  R198           |      T041 -T059      |       G710 -G729
   M  R233           |      T063 -T08       |       G903
   M  R291           |      T091           |       G92
   M  R298           |      T095 -T10       |       G933
      R31            |      T111           |       G936 -G938
   M  R418           |      T114 -T12       |       G951
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--- D730 -D739  --- | --- D730 -D739  --- | --- D730 -D739  ---
       CONTINUED     |      CONTINUED      |      CONTINUED
       G958          |     N398 -N459      |     R410
       G960          |     N488           |     R418
       G970 -G979     |     N490 -N910      |     R457
       H026          |     N920 -N96       |     R500 -R509
       H111          |     N980 -N989      |     R54
       H150 -H159     |     N991 -N994      |     R58  -R599
   M   H160          |     N998           |     R620 -R638
       H161          |     O000 -P285      |  M  R64
   M   H162          |  M  P288           |     R682
       H163 -H164     |     P290 -P545      |  M  R683 -R688
   M   H168          |  M  P546           |     R700 -R75
       H169          |     P548 -P941      |     R770 -R788
   M   H180          |  M  P942           |  M  R789
       H200 -H219     |     P948 -P949      |     R790 -R825
       H270 -H352     |  M  P960           |  M  R826
   M   H353          |     P961 -P969      |     R827 -R829
       H354 -H358     |  M  Q019           |  M  R893
   M   H404          |  M  Q049           |  M  R897
       H430 -H536     |     Q200 -Q379      |  M  R899
   M   H538          |     Q382 -Q459      |     S000 -S831
       H539 -I899     |  M  Q503           |  M  S832
       I970 -J181     |  M  Q524           |     S833 -Y899
   M   J182          |     Q600 -Q605      |
       J188 -J80      |  M  Q606           |   --- D740   ---
       J82  -J959     |     Q610 -Q639      |
       J980          |     Q641 -Q649      |     D740
       J982 -L059     |  M  Q678 -Q680      |
   M   L080          |     Q688           |   --- D748   ---
       L081 -L689     |  M  Q740 -Q741      |
       L710 -L719     |     Q750 -Q755      |     A000 -D470
   M   L720          |  M  Q758           |  M  D471
       L731 -L738     |     Q759 -Q762      |     D472 -F058
   M   L739          |  M  Q764           |  M  F059
       L740 -L852     |     Q765 -Q868      |     F060 -F169
       L858 -M1990    |  M  Q870           |  M  F170
   M   M201          |     Q871 -Q990      |     F173 -F445
   M   M219          |  M  Q991           |  M  F446
       M242          |     Q992 -Q999      |     F447 -F454
   M   M247          |     R001           |  M  F458
       M300 -M359     |     R008           |     F459 -F509
       M420 -M429     |     R012 -R031      |     F520 -F530
   M   M431          |  M  R065           |  M  F54
       M432          |     R091           |     F55
       M45  -M769     |  M  R098           |     F603
   M   M770          |     R101 -R104      |     F633
       M771 -M849     |  M  R11            |     F640 -F79
   M   M850          |     R160 -R162      |     F930
       M851          |     R18  -R190      |     F940
   M   M898 -M899     |     R193           |     F981 -F983
       M910 -M949     |  M  R198           |     F99  -G239
       M961          |  M  R233 -R238      |  M  G240
       M966 -M969     |     R252           |     G241 -G248
       M998          |  M  R291           |  M  G249
       N000 -N219     |     R292 -R293      |     G250 -G440
       N250 -N392     |  M  R298           |     G442
   M   N393          |     R31            |     G448 -G459
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--- D748 ---	--- D748 ---	--- D748 ---
CONTINUED	CONTINUED	CONTINUED
M G473	M M770	M R291
G474	M771 -M849	R292 -R293
M G478	M M850	M R298
G540	M851	R31
M G549	M M898 -M899	R410
G64	M910 -M949	R418
G710 -G729	M961	R457
G903	M966 -M969	R500 -R509
G92	M998	R54
G933	N000 -N219	R58 -R599
G936 -G938	N250 -N392	R620 -R638
G951	M N393	M R64
G958	N398 -N459	R682
G960	N488	M R683 -R688
G970 -G979	N490 -N910	R700 -R75
H026	N920 -N96	R770 -R788
H111	N980 -N989	M R789
H150 -H159	N991 -N994	R790 -R825
M H160	N998	M R826
H161	O000 -P059	R827 -R829
M H162	M Q019	M R893
H163 -H164	M Q049	M R897
M H168	Q200 -Q379	M R899
H169	Q382 -Q459	S000 -S831
M H180	M Q503	M S832
H200 -H219	M Q524	S833 -Y899
H270 -H352	Q600 -Q605	
M H353	M Q606	--- D749 ---
H354 -H358	Q610 -Q639	
M H404	Q641 -Q649	A000 -D470
H430 -H536	M Q678 -Q680	M D471
M H538	Q688	D472 -F058
H539 -I899	M Q740 -Q741	M F059
I970 -J181	Q750 -Q755	F060 -F169
M J182	M Q758	M F170
J188 -J80	Q759 -Q762	F173 -F445
J82 -J959	M Q764	M F446
J980	Q765 -Q868	F447 -F454
J982 -L059	M Q870	M F458
M L080	Q871 -Q990	F459 -F509
L081 -L689	M Q991	F520 -F530
L710 -L719	Q992 -Q999	M F54
M L720	R001	F55
L731 -L738	R008	F603
M L739	R012 -R031	F633
L740 -L852	M R065	F640 -F79
L858 -M1990	R091	F930
M M201	M R098	F940
M M219	R101 -R104	F981 -F983
M242	M R11	F99 -G239
M M247	R160 -R162	M G240
M300 -M359	R18 -R190	G241 -G248
M420 -M429	R193	M G249
M M431	M R198	G250 -G440
M432	M R233 -R238	G442
M45 -M769	R252	G448 -G459

--- D749 --- CONTINUED	--- D749 --- CONTINUED	--- D749 --- CONTINUED
M G473	M M770	M R291
G474	M771 -M849	R292 -R293
M G478	M M850	M R298
G540	M851	R31
M G549	M M898 -M899	R410
G64	M910 -M949	R418
G710 -G729	M961	R457
G903	M966 -M969	R500 -R509
G92	M998	R54
G933	N000 -N219	R58 -R599
G936 -G938	N250 -N392	R620 -R638
G951	M N393	M R64
G958	N398 -N459	R682
G960	N488	M R683 -R688
G970 -G979	N490 -N910	R700 -R75
H026	N920 -N96	R770 -R788
H111	N980 -N989	M R789
H150 -H159	N991 -N994	R790 -R825
M H160	N998	M R826
H161	O000 -P059	R827 -R829
M H162	M Q019	M R893
H163 -H164	M Q049	M R897
M H168	Q200 -Q379	M R899
H169	Q382 -Q459	S000 -S831
M H180	M Q503	M S832
H200 -H219	M Q524	S833 -Y369
H270 -H352	Q600 -Q605	Y600 -Y899
M H353	M Q606	
H354 -H358	Q610 -Q639	--- D750 ---
M H404	Q641 -Q649	
H430 -H536	M Q678 -Q680	D750
M H538	Q688	
H539 -I899	M Q740 -Q741	--- D751 ---
I970 -J181	Q750 -Q755	
M J182	M Q758	A000 -D489
J188 -J80	Q759 -Q762	D510 -D619
J82 -J959	M Q764	D751
J980	Q765 -Q868	D760 -E149
J982 -L059	M Q870	E240 -E279
M L080	Q871 -Q990	E65 -E678
L081 -L689	M Q991	E890
L710 -L719	Q992 -Q999	E896 -E899
M L720	R001	F100 -F199
L731 -L738	R008	F55
M L739	R012 -R031	G000 -G419
L740 -L852	M R065	G450 -G459
L858 -M1990	R091	G600 -G979
M M201	M R098	I00 -J989
M M219	R101 -R104	K20 -L00
M242	M R11	L100 -L139
M M247	R160 -R162	L230 -L309
M300 -M359	R18 -R190	L500 -L599
M420 -M429	R193	L710 -L719
M M431	M R198	L930 -L932
M432	M R233 -R238	L950 -L959
M45 -M769	R252	M000 -M1990

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   --- D751  ---       | --- D760 -D761  --- |   --- D807   ---
        CONTINUED      |                     |
     M300 -M359        |     D760 -D763      |     D807
     M420 -M549        |                     |
     M800 -M949        |   --- D762  ---     | --- D808 -D809  ---
     M960 -M969        |                     |
     N000 -N399        |     B200 -B24       |     B200 -B24
     N700 -N768        |     D760 -D763      |     C000 -D447
     N980              |     R75             |   M D448
     N990 -Q999        |                     |     D449 -D45
     R030              |   --- D763  ---     |     D470
     R040 -R049        |                     |   M D471
   M R090 -R098        |     D760 -D763      |     D473 -D489
     R160 -R162        |                     |     D800 -D809
     R31               |   --- D800  ---     |     D814
     R58  -R5800       |                     |     D820 -D821
     R730 -R739        |     D800            |     D840 -D841
     R75               |                     |   M D848
     R780              | --- D801 -D806  --- |     D890
   M R826              |                     |     I890
   M R893              |     B200 -B24       |     K500 -K519
     S000 -Y899        |     C000 -D447      |     L100
                       |   M D448            |   M L101
 --- D752 -D759  ---   |     D449 -D45       |     L102 -L109
                       |     D470            |     L120
     A000 -F509        |   M D471            |     L123 -L129
     F530 -F59         |     D473 -D489      |     N000 -N019
     F900 -F939        |     D800 -D809      |     N030 -N059
     F982 -F983        |     D814            |     N070 -N078
     F99  -G419        |     D820 -D821      |   M N079
     G450 -G459        |     D840 -D841      |     N10  -N12
     G600 -G979        |   M D848            |   M N136
   M H000 -H599        |     D890            |     N140 -N142
     H600 -H839        |     I890            |     N144 -N19
     H930 -I899        |     K500 -K519      |     N250 -N279
     I970 -J80         |     L100            |   M N280
     J82  -L599        |   M L101            |   M N288 -N289
     L80  -M1990       |     L102 -L109      |     Q850
     M300 -N450        |     L120            |     R75
     N490 -N909        |     L123 -L129      |     T451
     N920 -N96         |     N000 -N019      |   M Y422
     N980 -Q998        |     N030 -N059      |     Y431 -Y434
     R02  -R030        |     N070 -N078      |
     R040 -R049        |   M N079            |   --- D810   ---
   M R090 -R098        |     N10  -N12       |
     R160 -R162        |   M N136            |     B200 -B24
     R31               |     N140 -N142      |     D810
     R54               |     N144 -N19       |     R75
     R58  -R599        |     N250 -N279      |
     R620 -R638        |   M N280            |   --- D811   ---
     R730 -R739        |   M N288 -N289      |
     R75               |     Q850            |     B200 -B24
     R780              |     R75             |     D811
   M R826              |     T451            |     R75
   M R893              |   M Y422            |
     S000 -Y899        |     Y431 -Y434      |   --- D812   ---
                       |                     |
                       |                     |     B200 -B24
```

```
                              TABLE D
         CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

      --- D812  ---     |     --- D822  ---     |     --- D839  ---
        CONTINUED       |                       |       CONTINUED
         D812           |      B200 -B24        |        R75
         R75            |      D822             |
                        |      R75              |     --- D840  ---
      --- D813  ---     |                       |
                        |     --- D823  ---     |
    M B200 -B24         |                       |      B200 -B24
      D813              |      B200 -B24        |      C000 -C97
    M R75               |      D823             |      D840
                        |      R75              |      R75
      --- D814  ---     |                       |
                        |     --- D824  ---     |     --- D841  ---
    M B200 -B24         |                       |
      D814              |      B200 -B24        |      B200 -B24
    M R75               |      D824             |      C000 -C97
                        |      R75              |      D841
      --- D815  ---     |                       |    M E880
                        |     --- D828  ---     |    M N170 -N19     *
    M B200 -B24         |                       |    M Q600 -Q649    *
      D815              |      B200 -B24        |      R75
    M R75               |      D828             |      Y400 -Y599
                        |      R75              |
      --- D816  ---     |                       |     --- D848  ---
                        |     --- D829  ---     |
      B200 -B24         |                       |      B200 -B24
      D816              |      B200 -B24        |      C000 -C97
      R75               |      D829             |    M D800
                        |      R75              |      D801 -D809
      --- D817  ---     |                       |      D814
                        |     --- D830  ---     |      D820
      B200 -B24         |                       |    M D821
      D817              |      B200 -B24        |      D840
      R75               |      D830             |    M D841
                        |      R75              |      D848
      --- D818  ---     |                       |      I890
                        |     --- D831  ---     |      K500 -K519
      B200 -B24         |                       |      L100
      D818              |      B200 -B24        |    M L101
      R75               |      D831             |      L102 -L109
                        |      R75              |      L120
      --- D819  ---     |                       |      L123 -L129
                        |     --- D832  ---     |      N000 -N019
      B200 -B24         |                       |      N030 -N059
      D819              |      B200 -B24        |      N070 -N078
      R75               |      D832             |    M N079
                        |      R75              |      N10  -N12
      --- D820  ---     |                       |    M N136
                        |     --- D838  ---     |      N140 -N142
      B200 -B24         |                       |      N144 -N19
      D820              |      B200 -B24        |      N250 -N279
      R75               |      D838             |    M N280
                        |      R75              |    M N288 -N289
      --- D821  ---     |                       |      R75
                        |     --- D839  ---     |      T451
      B200 -B24         |                       |    M Y422
      D821              |      B200 -B24        |      Y431 -Y434
      R75               |      D839             |    M Y578
```

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                             TABLE D
         CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


     --- D849 ---      |     --- D890  ---      |     --- D890  ---
                       |                        |          CONTINUED
       B200 -B24       |   M A481               |   M K628
       C000 -C97       |   M B052               |   M K650
     M D800            |   M B080               |   M K660
       D801 -D809      |     B200 -B24          |   M K700 -K913
       D814            |   M B780               |   M K915 -K922
       D820            |   M B832               |   M L00
     M D821            |   M B89                |   M L100 -L109
       D840            |   M B99   -C97         |   M L120
     M D841            |   M D150               |   M L123 -L129
       D848 -D849      |   M D448               |   M L211
       E40   -E649     |   M D460 -D469         |   M L26
       I890            |   M D471 -D472         |   M L304
       K500 -K519      |   M D500 -D849         |   M L538
       L100            |     D890               |   M L920
     M L101            |   M D891 -E899         |   M L951
       L102 -L109      |   M G000 -G311         |   M M020
       L120            |   M G318 -G360         |   M M022
       L123 -L129      |   M G368 -G440         |   M M050 -M120
       M480            |   M G448 -G452         |   M M138
       N000 -N019      |   M G454 -G459         |   M M159
       N030 -N059      |   M G473               |   M M199 -M1990
       N070 -N078      |   M G478               |   M M300 -M351
     M N079            |   M G518               |   M M358 -M359
       N10  -N12       |   M G540               |   M M431 -M432
     M N136            |   M G589 -G932         |   M M462
       N140 -N142      |   M G934 -G98          |   M M629
       N144 -N19       |   M H026               |   M M830 -M839
       N250 -N279      |   M H111               |   M M850
     M N280            |   M H180               |   M M860 -M869
     M N288 -N289      |   M H590 -H599         |   M M871 -M879
       R75             |   M I200 -I259         |   M M890
       T451            |   M I330               |   M M898
       Y400 -Y599      |   M I423               |   M M948
                       |   M I461               |   M M966 -M969
     --- D860  ---     |   M I509 -I698         |   M N000 -N340
                       |   M I729               |   M N342 -N390
                       |   M I770 -I779         |   M N392
       D860            |   M I880 -I890         |   M N398 -N399
                       |   M I898 -I899         |   M N980 -N991
 --- D861 -D862  --- | |   M I970 -I971         |   M N995 -N999
                       |   M I978 -I979         |   M P288
       D860 -D869      |   M J029               |   M P942
                       |   M J039               |   M Q380
     --- D863  ---     |   M J050               |   M Q384 -Q388
                       |   M J100 -J47          |   M Q675
       D863            |   M J670 -J709         |   M Q678 -Q680
                       |   M J81                |   M Q740 -Q741
     --- D868  ---     |     J850 -J929         |   M Q750 -Q762
                       |   M J940 -J949         |   M Q764 -Q799
       D868            |   M J954 -J959         |   M Q828
                       |   M J980               |   M Q870
     --- D869  ---     |   M J984               |   M Q872 -Q873
                       |   M K223               |   M Q878
       D869            |   M K250 -K289         |   M R091
                       |   M K510 -K519         |   M R104
                       |   M K560 -K599         |   M R162
                       |
```

--- D890 ---	--- D891 ---	--- D891 ---
CONTINUED	CONTINUED	CONTINUED
M R198	M I330	M M898
M R233	M I423	M M948
M R238	M I461	M M966 -M969
M R291	M I509 -I698	M N000 -N340
M R298	M I729	M N342 -N390
M R31	M I770 -I779	M N392
M R398	M I880 -I890	M N398 -N399
M R609	M I898 -I899	M N980 -N991
M R628	M I970 -I971	M N995 -N999
M R64	M I978 -I979	M P288
M R72	M J029	M P942
R75	M J039	M Q380
M R771	M J050	M Q384 -Q388
M R798	M J100 -J47	M Q675
M R897	M J670 -J709	M Q678 -Q680
M S360	M J81	M Q740 -Q741
M T200 -T207	J850 -J929	M Q750 -Q762
M T260 -T269	M J940 -J949	M Q764 -Q799
M T360 -T889	M J954 -J959	M Q828
M T96	M J980	M Q870
M Y400 -Y599	M J984	M Q872 -Q873
M Y880	M K223	M Q878
	M K250 -K289	M R091
--- D891 ---	M K510 -K519	M R104
	M K560 -K599	M R162
M A481	M K628	M R198
M B052	M K650	M R233
M B080	M K660	M R238
M B200 -B24	M K700 -K913	M R291
M B780	M K915 -K922	M R298
M B832	M L00	M R31
M B89	M L100 -L109	M R398
M B99 -C97	M L120	M R609
M D150	M L123 -L129	M R628
M D448	M L211	M R64
M D460 -D469	M L26	M R72
M D471 -D472	M L304	M R75
M D500 -D849	M L538	M R771
D890 -D891	M L920	M R798
M D892 -E899	M L951	M R897
M G000 -G311	M M020	M S360
M G318 -G360	M M022	M T200 -T207
M G368 -G440	M M050 -M120	M T260 -T269
M G448 -G452	M M138	M T360 -T889
M G454 -G459	M M159	M T96
M G473	M M199 -M1990	M Y400 -Y599
M G478	M M300 -M351	M Y880
M G518	M M358 -M359	
M G540	M M431 -M432	--- D892 ---
M G589 -G932	M M462	
M G934 -G98	M M629	M A481
M H026	M M830 -M839	M B052
M H111	M M850	M B080
M H180	M M860 -M869	B200 -B24
M H590 -H599	M M871 -M879	M B780
M I200 -I259	M M890	M B832

--- D892 ---	--- D892 ---	--- D892 ---
CONTINUED	CONTINUED	CONTINUED
M B89	M K915 -K922	M R298
M B99 -C97	M L00	M R31
M D150	M L100 -L109	M R398
M D448	M L120	M R609
M D460 -D469	M L123 -L129	M R628
M D471 -D472	M L211	M R64
M D500 -D849	M L26	M R72
D890	M L304	R75
M D891	M L538	M R771
D892	M L920	M R798
M D898 -E899	M L951	M R897
M G000 -G311	M M020	M S360
M G318 -G360	M M022	M T200 -T207
M G368 -G440	M M050 -M120	M T260 -T269
M G448 -G452	M M138	M T360 -T889
M G454 -G459	M M159	M T96
M G473	M M199 -M1990	M Y400 -Y599
M G478	M M300 -M351	M Y880
M G518	M M358 -M359	
M G540	M M431 -M432	--- D898 ---
M G589 -G932	M M462	
M G934 -G98	M M629	B200 -B24
M H026	M M830 -M839	C000 -C97
M H111	M M850	M D800
M H180	M M860 -M869	D801 -D809
M H590 -H599	M M871 -M879	D814
M I200 -I259	M M890	D820
M I330	M M898	M D821
M I423	M M948	D840
M I461	M M966 -M969	M D841 -D848
M I509 -I698	M N000 -N340	D898
M I729	M N342 -N390	I890
M I770 -I779	M N392	K500 -K519
M I880 -I890	M N398 -N399	L100
M I898 -I899	M N980 -N991	M L101
M I970 -I971	M N995 -N999	L102 -L109
M I978 -I979	M P288	L120
M J029	M P942	L123 -L129
M J039	M Q380	N000 -N019
M J050	M Q384 -Q388	M N029
M J100 -J47	M Q675	N030 -N059
M J670 -J709	M Q678 -Q680	N070 -N078
M J81	M Q740 -Q741	M N079
J850 -J929	M Q750 -Q762	N10 -N12
M J940 -J949	M Q764 -Q799	M N136
M J954 -J959	M Q828	N140 -N142
M J980	M Q870	N144 -N189
M J984	M Q872 -Q873	M N19
M K223	M Q878	N250 -N279
M K250 -K289	M R091	M N280
M K510 -K519	M R104	M N288 -N289
M K560 -K599	M R162	R75
M K628	M R198	M T451
M K650	M R233	M Y422
M K660	M R238	M Y431 -Y434
M K700 -K913	M R291	

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   --- D899 ---      |    --- E009 ---      |    --- E012 ---
                     |       CONTINUED      |       CONTINUED
    B200 -B24        |  M P040 -P049        |  M D093
    C000 -C97        |  M Q892              |    D34
  M D800             |                      |    D440
    D801 -D809       |     --- E010 ---     |  M D472
    D814             |                      |  M D477
    D820             |    A1690             |  M D760 -D899
  M D821             |  M A188              |    E012
    D840             |    B650 -B839        |  M E58  -E899
  M D841 -D848       |  M B908              |    M100 -M109
    D898 -D899       |    B909              |
    I890             |  M B948              |    --- E018 ---
    K500 -K519       |    C73               |
    L100             |  M C798              |    E018
  M L101             |    C880 -C883        |    E618
    L102 -L109       |  M D093              |
    L120             |    D34               |    --- E02  ---
    L123 -L129       |    D440              |
    N000 -N019       |  M D472              |    E02
  M N029             |  M D477              |    E618
    N030 -N059       |  M D760 -D899        |
    N070 -N078       |    E010              |    --- E030 ---
  M N079             |  M E58  -E899        |
    N10  -N12        |    M100 -M109        |    E030
  M N136             |                      |  M E071
    N140 -N142       |     --- E011 ---     |    E618
    N144 -N189       |                      |
  M N19              |    A1690             |    --- E031 ---
    N250 -N279       |  M A188              |
  M N280             |    B650 -B839        |    E031
  M N288 -N289       |  M B908              |  M P040 -P049
    R75              |    B909              |  M Q892
  M T451             |  M B948              |
  M Y422             |    C73               |    --- E032 ---
  M Y431 -Y434       |  M C798              |
                     |    C880 -C883        |    E032
   --- E000 ---      |  M D093              |    T880 -T887
                     |    D34               |    Y400 -Y599
    E000             |    D440              |    Y880
  M P040 -P049       |  M D472              |
  M Q892             |  M D477              |    --- E033 ---
                     |  M D760 -D899        |
   --- E001 ---      |    E011              |    A1690
                     |  M E58  -E899        |  M A188
    E001             |    M100 -M109        |  M A500 -A539
  M P040 -P049       |                      |  M B200 -B24
  M Q892             |     --- E012 ---     |  M B268
                     |                      |    B269
   --- E002 ---      |    A1690             |  M B650 -B839
                     |  M A188              |  M B908
    E002             |    B650 -B839        |    B909
  M P040 -P049       |  M B908              |  M B948
  M Q892             |    B909              |    D860 -D869
                     |  M B948              |    E033
   --- E009 ---      |    C73               |    J00  -J189
                     |  M C798              |    J950 -J959
    E009             |    C880 -C883        |    J980 -J989
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   --- E033  ---      |    --- E041  ---     |    --- E048  ---
      CONTINUED       |                      |       CONTINUED
    M R75             |      A1690           |  M D760 -D899
                      |    M A188            |      E048
--- E034 -E0390 ---   |      B650 -B839      |  M E58  -E899
                      |    M B908            |      M100 -M109
    M A188            |      B909            |
    M A500 -A539      |    M B948            |    --- E049  ---
      B650 -B679      |      C73             |
    M B908            |    M C798            |      A1690
    M B948            |      C880 -C883      |    M A188
      C73             |    M D093            |      B650 -B839
      C751            |      D34             |    M B908
    M C798            |      D440            |      B909
    M D093            |    M D472            |    M B948
      D34             |    M D477            |      C73
      D440            |    M D760 -D899      |    M C798
      D443            |      E041           |      C880 -C883
      E000 -E079      |    M E58  -E899      |    M D093
      E220 -E237      |      M100 -M109      |      D34
      E40  -E46       |                      |      D440
      E58  -E649      |    --- E042  ---     |    M D472
      E890            |                      |    M D477
      M340 -M342      |      A1690           |    M D760 -D899
      T66             |    M A188            |      E049
    M T981            |      B650 -B839      |    M E58  -E899
    M T983            |    M B908            |      M100 -M109
    M Y400 -Y599      |      B909            |
      Y632            |    M B948            |    --- E050  ---
      Y830 -Y839      |      C73             |
      Y842            |    M C798            |      E050
      Y880            |      C880 -C883      |
    M Y881            |    M D093            |    --- E051  ---
    M Y883            |      D34             |
                      |      D440            |      A1690
    --- E040  ---     |    M D472            |    M A188
                      |    M D477            |      B650 -B839
      A1690           |    M D760 -D899      |    M B908
    M A188            |      E042           |      B909
      B650 -B839      |    M E58  -E899      |    M B948
    M B908            |      M100 -M109      |      C56
      B909            |                      |      C58
    M B948            |    --- E048  ---     |      C620 -C629
      C73             |                      |      C73
    M C798            |      A1690           |      C751
      C880 -C883      |    M A188            |      C796
    M D093            |      B650 -B839      |    M C798
      D34             |    M B908            |      C880 -C883
      D440            |      B909            |      D073
    M D472            |    M B948            |      D076
    M D477            |      C73             |    M D093
    M D760 -D899      |    M C798            |      D27
      E040            |      C880 -C883      |      D292
    M E58  -E899      |    M D093            |      D34
      M100 -M109      |      D34             |      D391 -D392
                      |      D440            |      D401
                      |    M D472            |      D440
                      |    M D477            |      D443
                      |                      |
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    --- E051  ---      |     --- E053  ---      |     --- E055   ---
       CONTINUED       |        CONTINUED       |
  M D472               |   M C798               |     A1690
  M D477               |     C880  -C883        |   M A188
  M D760  -D899        |     D073               |     B650  -B839
    E051               |     D076               |   M B908
    E060               |   M D093               |     B909
  M E58   -E899        |     D27                |   M B948
    M100  -M109        |     D292               |     C56
                       |     D34                |     C58
    --- E052  ---      |     D391  -D392        |     C620  -C629
                       |     D401               |     C73
                       |     D440               |     C751
    A1690              |     D443               |     C796
  M A188               |   M D472               |   M C798
    B650  -B839        |   M D477               |     C880  -C883
  M B908               |   M D760  -D899        |     D073
    B909               |     E053               |     D076
  M B948               |     E060               |   M D093
    C56                |   M E58   -E899        |     D27
    C58                |     M100  -M109        |     D292
    C620  -C629        |                        |     D34
    C73                |     --- E054   ---     |     D391  -D392
    C751               |                        |     D401
    C796               |                        |     D440
  M C798               |     A1690              |     D443
    C880  -C883        |   M A188               |   M D472
    D073               |     B650  -B839        |   M D477
    D076               |   M B908               |   M D760  -D899
  M D093               |     B909               |     E055
    D27                |   M B948               |     E060
    D292               |     C56                |   M E58   -E899
    D34                |     C58                |     M100  -M109
    D391  -D392        |     C620  -C629        |
    D401               |     C73                |     --- E058   ---
    D440               |     C751               |
    D443               |     C796               |
  M D472               |   M C798               |     E000  -E059
  M D477               |     C880  -C883        |     T381
  M D760  -D899        |     D073               |     T96
    E052               |     D076               |     X44
    E060               |   M D093               |     X64
  M E58   -E899        |     D27                |     Y14
    M100  -M109        |     D292               |     Y421
                       |     D34                |     Y880
    --- E053  ---      |     D391  -D392        |
                       |     D401               |     --- E059   ---
                       |     D440               |
    A1690              |     D443               |
  M A188               |   M D472               |     A1690
    B650  -B839        |   M D477               |   M A188
  M B908               |   M D760  -D899        |     B650  -B839
    B909               |     E054               |   M B908
  M B948               |     E060               |     B909
    C56                |   M E58   -E899        |   M B948
    C58                |     M100  -M109        |     C56
    C620  -C629        |                        |     C58
    C73                |                        |     C620  -C629
    C751               |                        |     C73
    C796               |                        |     C751
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   --- E059  ---      |    --- E064  ---      |    --- E069  ---
     CONTINUED        |                       |      CONTINUED
     C796             |      E064             |      D34
 M C798              |      T360 -T509        |      D440
   C880 -C883        |      T880 -T887        |      D443
   D073              |      T96              |      E000 -E079
   D076              |  M T983               |      J00  -J189
 M D093              |      X40  -X44         |      J950 -J959
   D27               |      X60  -X64         |      J980 -J989
   D292              |      X85              |  M R75
   D34               |      Y10  -Y14         |      T880 -T887
   D391 -D392        |      Y400 -Y599        |  M Y400 -Y599
   D401              |  M Y86  -Y872          |      Y880
   D440              |      Y880             |
   D443              |                       |    --- E070  ---
 M D472              |    --- E065  ---      |
 M D477              |                       |      E070
 M D760 -D899        |      A1690            |
   E059 -E060        |  M A188               |    --- E071  ---
 M E58  -E899        |  M A500 -A539         |
   M100 -M109        |  M B200 -B24          |      E071
                     |  M B268               |
 --- E060 -E062  --- |  M B268               |    --- E078 -E079  ---
                     |    B269              |
     A1690           |    B650 -B839        |  M A188
 M A188              |      B86              |  M A500 -A539
 M A500 -A539        |  M B908               |  M B268
 M B200 -B24         |      B909             |    B269
 M B268              |  M B948               |    B650 -B839
   B269              |    C73               |    B86
   B650 -B839        |    C751              |  M B908
   B86               |  M C798               |  M B948
 M B908              |  M D093               |    C73
   B909              |    D34               |    C751
 M B948              |    D440              |  M C798
   C73               |    D443              |  M D093
   C751              |    E060 -E069        |    D34
 M C798              |      J00  -J189       |    D440
 M D093              |      J950 -J959       |    D443
   D34               |      J980 -J989       |    E000 -E079
   D440              |  M R75                |    E220 -E237
   D443              |                       |    E40  -E46
   E060 -E069        |    --- E069  ---     |    E58  -E68
   J00  -J189        |                       |    E890
   J950 -J959        |      A1690            |    J00  -J189
   J980 -J989        |  M A188               |    J950 -J959
 M R75               |  M A500 -A539         |    J980 -J989
                     |  M B200 -B24          |    M340 -M342
   --- E063  ---     |  M B268               |  M Q892
                     |    B269              |    T880 -T887
 M A1690             |    B650 -B839        |  M Y400 -Y599
 M B200 -B24         |    B86               |    Y880
   E063              |  M B908               |
 M Q870 -Q998        |    B909              |  --- E100 -E149   ---
 M R75               |  M B948               |
                     |    C73               |    C250 -C259
                     |    C751              |  M C788
                     |  M C798               |  M D017
                     |    D093              |
```

```
--- E100 -E149  --- |     --- E15   ---     |     --- E161   ---
      CONTINUED      |        CONTINUED      |        CONTINUED
      D136 -D137     |   M X60  -X64         |   M R75
   M D377            |   M X85               |   M T360 -T382
      E100 -E149     |   M Y10  -Y14         |      T383
      E160 -E169     |   M Y400 -Y422        |   M T384 -T509
      E40  -E46      |      Y423             |   M X40  -X44
      E831           |   M Y424 -Y599        |   M X60  -X64
      K85  -K869     |   M Y86  -Y880        |   M X85
   M T385         *  |                       |   M Y10  -Y14
   M T387         *  |     --- E160   ---     |   M Y400 -Y422
   M T96          *  |                       |      Y423
   M T983            |      E160             |   M Y424 -Y599
   M X44          *  |   M T360 -T382        |   M Y86  -Y880
   M X64          *  |      T383             |
   M Y14          *  |   M T384 -T509        |     --- E162   ---
   M Y425         *  |   M X40  -X44         |
   M Y427         *  |   M X60  -X64         |   M A000 -E161
   M Y880            |   M X85               |      E162
                     |   M Y10  -Y14         |   M E163 -E899
    --- E15   ---    |   M Y400 -Y422        |   M F100 -F189
                     |      Y423             |   M G000 -G459
   M A000 -E149      |   M Y424 -Y599        |   M G473
      E15            |   M Y86  -Y880        |   M G600 -G98
   M E160 -E899      |                       |   M H650 -H749
   M F100 -F189      |     --- E161   ---     |   M H950 -J989
   M G000 -G459      |                       |   M K20  -K929
   M G473            |   M A000 -E160        |   M L530 -L539
   M G600 -G98       |      E161             |   M M000 -M1990
   M H650 -H749      |   M E162 -E899        |   M M300 -M359
   M H950 -J989      |   M F100 -F189        |   M M420 -M429
   M K20  -K929      |   M G000 -G459        |   M M45  -M469
   M M000 -M1990     |   M G473              |   M M860 -M949
   M M300 -M359      |   M G600 -G98         |   M N000 -N459
   M M420 -M429      |   M H650 -H749        |   M N47  -N959
   M M45  -M469      |   M H950 -J989        |   M O000 -P049
   M M860 -M949      |   M K20  -K929        |      P051 -P059
   M N000 -N459      |   M M000 -M1990       |   M P080 -P969
   M N47  -N959      |   M M300 -M359        |      Q000 -Q079
   M O000 -P049      |   M M420 -M429        |      Q200 -Q649
      P051 -P059     |   M M45  -M469        |      Q750 -Q799
   M P080 -P969      |   M M860 -M949        |      Q850 -Q999
      Q000 -Q079     |   M N000 -N459        |   M R000 -R02
      Q200 -Q649     |   M N47  -N959        |   M R098
      Q750 -Q799     |   M O000 -P049        |   M R11  -R198
      Q850 -Q999     |      P051 -P059       |   M R300 -R398
   M R000 -R02       |   M P080 -P969        |   M R570 -R579
   M R098            |      Q000 -Q079       |   M R590 -R599
   M R11  -R198      |      Q200 -Q649       |   M R620 -R64
   M R300 -R398      |      Q750 -Q799       |   M R75
   M R570 -R579      |      Q850 -Q999       |   M T360 -T382
   M R590 -R599      |   M R000 -R02         |      T383
   M R620 -R64       |   M R098             |   M T384 -T509
   M R75             |   M R11  -R198        |   M X40  -X44
   M T360 -T382      |   M R300 -R398        |   M X60  -X64
      T383           |   M R570 -R579        |   M X85
   M T384 -T509      |   M R590 -R599        |   M Y10  -Y14
   M X40  -X44       |   M R620 -R64         |   M Y400 -Y422
```

--- E162 ---	--- E164 -E168 ---	--- E208 -E209 ---
CONTINUED	CONTINUED	
Y423	D136	M B650 -B839
M Y424 -Y599	M D377	C73 -C759
M Y86 -Y880	D448	C797
	D472	M C798
--- E163 ---	D477	D093
	D760	D34 -D359
A000 -A085	D763	D440 -D449
M A183	D890 -E279	D683
A187	E310 -E329	D688
M A188	E349	D690 -D691
M A500 -A539	M E40 -E46	D760 -D763
B150 -B199	E700 -E899	D841
B370 -B49	K85 -K869	E000 -E279
B650 -B839	Q380 -Q459	E310 -E329
M B908	M S000 -Y899	E349
M B948		M E40 -E46
C250 -C259	--- E169 ---	E710 -E713
M C788		E750 -E807
C880 -C883	A000 -A085	E840 -E859
M D017	M A183	E880 -E899
D136	A187	J384
M D377	M A188	J390 -J398
D448	M A500 -A539	T383
D472	B150 -B24	T880 -T887
D477	B370 -B49	T983
D760	B650 -B839	Y423
D763	M B908	Y442 -Y443
D890 -E279	M B948	Y836
E310 -E329	C250 -C259	Y880
E349	M C788	
M E40 -E46	C880 -C883	--- E210 -E213 ---
E700 -E899	M D017	
K85 -K869	D136	M A180
Q380 -Q459	M D377	A187
T880 -T887	D448	M A188
T983	D472	M B650 -B839
M Y400 -Y599	D477	M B902 -B908
Y836	D760	C250 -C259
Y880	D763	C64 -C689
	D890 -E279	C750 -C752
--- E164 -E168 ---	E310 -E329	M C788
	E349	C790 -C791
A000 -A085	M E40 -E46	M C798
M A183	E700 -E899	M C900 -C902
A187	K85 -K869	M D017
M A188	Q380 -Q459	D090 -D091
M A500 -A539	R75	D093
B150 -B199	M S000 -Y899	D136 -D137
B370 -B49		D300 -D309
B650 -B839	--- E200 ---	D351 -D353
M B908		D410 -D419
M B948	E200	D442 -D444
C250 -C259		E130 -E139
M C788	--- E201 ---	E15 -E215
C880 -C883		E240 -E259
M D017	E201	E270 -E279

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--- E210 -E213  --- | --- E220 -E221  --- |    --- E222   ---
       CONTINUED     |                     |         CONTINUED
       E892          |   M B200 -B24       |         D132
       M880 -M889    |     C170            |         D136
       N000 -N399    |     C250 -C259      |         D143
       Q600 -Q649    |     C340 -C37       |         D150
       Q770 -Q789    |     C700 -C729      |         D320 -D339
    M  Q798          |     C780            |      M  D372
                     |   M C784            |      M  D377
--- E214 -E215  --- |   M C788            |      M  D381
                     |     C793 -C794      |         D384
    M  A180          |   M C798            |         D420 -D439
       A187          |   M D014            |         E018 -E0390
    M  A188          |   M D017            |         E100 -E149
    M  B650 -B839    |     D022            |         E220 -E237
    M  B902 -B908    |   M D093            |         E800 -E802
       C250 -C259    |     D132            |         E870 -E878
       C64  -C689    |     D136            |         G000 -G09
       C750 -C752    |     D143            |         G230 -G239
    M  C788          |     D150            |         G255
       C790 -C791    |     D320 -D339      |         G310 -G459
    M  C798          |   M D372            |         G474
    M  C900 -C902    |   M D377            |         G510 -G529
    M  D017          |   M D381            |         G580 -G589
       D090 -D091    |     D384            |         G610 -G619
       D093          |     D420 -D439      |         I600 -I698
       D136 -D137    |     E220 -E237      |         J100 -J189
       D300 -D309    |     E893           |         Q000 -Q079
       D351 -D353    |     R75             |         R75
       D410 -D419    |                     |      M  S000 -Y899
       D442 -D444    |    --- E222   ---    |
       D683          |                     | --- E228 -E229   ---
       D688          |     A169 -A179      |
       D690 -D699    |     A190 -A199      |    M  B200 -B24
       D760 -D763    |     A390 -A394      |       C170
       D841          |   M A398            |       C250 -C259
       E000 -E279    |     A399            |       C340 -C37
       E310 -E329    |     A800 -A89       |       C700 -C729
       E349          |   M B200 -B24       |       C780
    M  E40  -E46     |     B270 -B279      |    M  C784
       E710 -E713    |     B900            |    M  C788
       E750 -E807    |   M B908            |       C793 -C794
       E840 -E859    |     B909 -B91       |    M  C798
       E880 -E899    |     B941            |    M  D014
       J384          |   M B948            |    M  D017
       J390 -J398    |     C170            |       D022
       M880 -M889    |     C250 -C259      |    M  D093
       N000 -N399    |     C340 -C37       |       D132
       Q600 -Q649    |     C700 -C729      |       D136
       Q770 -Q789    |     C780            |       D143
    M  Q798          |   M C784            |       D150
       T880 -T887    |   M C788            |       D320 -D339
       T983          |     C793 -C794      |    M  D372
    M  Y400 -Y599    |   M C798            |    M  D377
    M  Y880          |   M D014            |    M  D381
                     |   M D017            |       D384
                     |     D022            |       D420 -D439
                     |   M D093            |       E220 -E237
                     |
```

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                           TABLE D
           CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


--- E228 -E229  --- |     --- E231   ---     |     --- E233   ---
        CONTINUED       |        CONTINUED       |        CONTINUED
        E893            |     Y10  -Y14          |        D136
        R75             |     Y400 -Y599         |        D143
                        |   M Y86  -Y872         |        D150
    --- E230   ---      |     Y880               |        D320 -D339
                        |                        |   M D372
        A170 -A179      |     --- E232   ---     |   M D377
        A500 -A539      |                        |   M D381
   M B200 -B24          |     A169 -A179         |        D384
   M B350 -B49          |     A390 -A399         |        D420 -D439
     B900               |   M A500 -A539         |        E018 -E0390
   M B948               |     A810 -A89          |        E100 -E149
     C700 -C729         |     B003 -B004         |        E220 -E237
     C751 -C753         |     B020 -B022         |        E800 -E802
     C793 -C794         |     B060               |        E870 -E878
   M C798               |   M B200 -B24          |        G000 -G09
     C80                |     B900               |        G230 -G239
   M D093               |     B941               |        G255
     D320 -D339         |   M B948               |        G310 -G459
     D351 -D353         |     C700 -C729         |        G474
     D420 -D439         |     C751 -C753         |        G510 -G529
     D442 -D444         |     C793 -C794         |        G580 -G589
     D760 -D763         |   M C798               |        G610 -G619
     D860 -D869         |     C80                |        G930 -G939
     E220 -E237         |   M D093               |        I600 -I698
     E713               |     D320 -D339         |        J100 -J189
     E760 -E779         |     D351 -D353         |        Q000 -Q079
     E891               |     D420 -D439         |        R75
     G000 -G09          |     D442 -D444         |   M S000 -Y899
     G931               |     D760 -D763         |
   M I728               |     D860 -D869         | --- E236 -E237   ---
     M313               |     E220 -E237         |
   M Q860 -Q999         |     E713               |        A169 -A179
     R75                |     E760 -E779         |        A390 -A399
     S010 -S099         |     E891               |   M A500 -A539
     S150 -S159         |     G000 -G09          |     A810 -A89
   M T200 -T207         |     G931               |     B003 -B004
     T260 -T269         |   M I728               |     B020 -B022
     T880 -T887         |     M313               |     B060
     T900 -T910         |   M Q860 -Q999         |   M B200 -B24
     T950               |     R75                |     B900
   M T958               |     S010 -S099         |     B941
     T983               |     S150 -S159         |   M B948
   M V010 -Y899         |   M T200 -T207         |     C700 -C729
                        |     T260 -T269         |     C751 -C753
    --- E231   ---      |     T880 -T887         |     C793 -C794
                        |     T900 -T910         |   M C798
                        |     T950               |     C80
   M B200 -B24          |   M T958               |   M D093
     E231               |     T983               |     D320 -D339
     R75                |   M V010 -Y899         |     D351 -D353
     T360 -T509         |                        |     D420 -D439
     T880 -T887         |     --- E233   ---     |     D442 -D444
     T96                |                        |     D760 -D763
   M T983               |   M B200 -B24          |     D860 -D869
     X40  -X44          |     C710 -C719         |     E220 -E237
     X60  -X64          |     D132               |     E713
     X85                |                        |
```

```
--- E236 -E237  --- | --- E240 -E241  --- |   --- E243   ---
      CONTINUED      |      CONTINUED      |      CONTINUED
      E760 -E779     |   M T983            |      T880 -T887
      E891           |   M X44             |    M T96
      G000 -G09      |   M X64             |    M T983
      G931           |   M Y14             |    M X44
    M I728           |   M Y420 -Y429      |    M X64
      M313           |   M Y86  -Y880      |    M Y14
    M Q860 -Q999      |                     |    M Y420 -Y429
      R75            |    --- E242  ---     |    M Y86  -Y880
      S010 -S099     |                     |
      S150 -S159     |      E242           |    --- E244   ---
    M T200 -T207     |      T360 -T509     |
      T260 -T269     |      T880 -T887     |      E244
      T880 -T887     |      T96            |    M E52
      T900 -T910     |      T983           |      F100 -F109
      T950           |      X40  -X44      |    M G312
    M T958           |      X60  -X64      |      G405
      T983           |      X85           |      G621
    M V010 -Y899     |      Y10  -Y14      |      G721
                     |      Y400 -Y599     |      I426
--- E240 -E241  --- |      Y86  -Y880     |      K700 -K709
                     |                     |      K860
      C250 -C259     |    --- E243  ---     |      L278
    M C341 -C349     |                     |      T506
      C37            |      C250 -C259     |      T510 -T519
      C56            |    M C341 -C349     |      T97
      C620 -C629     |      C37            |    M X44
      C740 -C749     |      C56            |      X45
      C751 -C752     |      C620 -C629     |      X65
      C780           |      C740 -C749     |      X85
    M C788           |      C751 -C752     |      Y15
      C796 -C797     |      C780           |    M Y86  -Y872
    M C798           |    M C788           |
    M D017           |      C796 -C797     |    --- E248   ---
      D022           |    M C798           |
    M D073           |    M D017           |      C250 -C259
    M D076           |      D022           |    M C341 -C349
    M D093           |    M D073           |      C37
      D136 -D137     |    M D076           |      C56
      D143           |    M D093           |      C620 -C629
      D150           |      D136 -D137     |      C740 -C749
      D27            |      D143           |      C751 -C752
      D292           |      D150           |      C780
      D350           |      D27            |    M C788
      D352 -D353     |      D292           |      C796 -C797
    M D377           |      D350           |    M C798
    M D381           |      D352 -D353     |    M D017
      D384           |    M D377           |      D022
      D391           |    M D381           |    M D073
      D401           |      D384           |    M D076
      D441           |      D391           |    M D093
      D443 -D444     |      D401           |      D136 -D137
      E240 -E279     |      D441           |      D143
      E896           |      D443 -D444     |      D150
    M T380 -T389     |      E240 -E279     |      D27
      T880 -T887     |      E896           |      D292
    M T96            |    M T380 -T389     |      D350
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```
  --- E248  ---     |    --- E249  ---     |    --- E259   ---
    CONTINUED       |      CONTINUED       |      CONTINUED
    D352 -D353      |   M T380 -T389       |   M Y10   -Y14
M D377              |     T880 -T887       |   M Y400 -Y599
M D381              |   M T96              |   M Y86   -Y880
    D384            |   M T983             |
    D391            |   M X44              |    --- E260   ---
    D401            |   M X64              |
    D441            |   M Y14              |     C740 -C749
    D443 -D444      |   M Y420 -Y429       |     C797
    E240 -E279      |   M Y86   -Y880      |   M D093
    E896            |                      |     D350
M T380 -T389        |    --- E250   ---    |     D441
    T880 -T887      |                      |     E250
M T96               |      E250            |     E260
M T983              |                      |     E278
M X44               |    --- E258   ---    |
M X64               |                      |    --- E261 -E269   ---
M Y14               |   M C510 -C639       |
M Y420 -Y429        |   M C740 -C749       |   M A220 -A229
M Y86   -Y880       |   M C796 -C798       |   M B500 -B54
                    |   M D060 -D076       |   M B560 -B575
  --- E249   ---    |   M D093             |     C740 -C749
                    |   M D260 -D299       |     C797
    B200 -B24       |   M D350             |   M D093
    C250 -C259      |   M D390 -D409       |     D350
M C341 -C349        |   M D441             |     D441
    C37             |     E258             |     D448 -D449
    C56             |   M T360 -T509       |   M D840 -D849
    C620 -C629      |   M T880 -T887       |   M E000 -E249
    C740 -C749      |   M T96              |     E250 -E269
    C751 -C752      |   M T983             |   M E270 -E46
    C780            |   M X40   -X44       |   M E511 -E519
M C788              |   M X60   -X64       |   M E660 -E669
    C796 -C797      |   M X85              |   M E713
M C798              |   M Y10   -Y14       |   M E86
M D017              |   M Y400 -Y599       |   M E871
    D022            |   M Y86   -Y880      |   M E880
M D073              |                      |   M E890
M D076              |    --- E259   ---    |   M E892
M D093              |                      |   M E895 -E899
    D136 -D137      |   M C510 -C639       |   M I10   -I139
    D143            |   M C740 -C749       |   M I500 -I509
    D150            |   M C796 -C798       |   M I701
    D27             |   M D060 -D076       |   M I778
    D292            |   M D093             |   M K700 -K709
    D350            |   M D260 -D299       |   M K721 -K7210
    D352 -D353      |   M D350             |   M K730 -K746
M D377              |   M D390 -D409       |   M K85
M D381              |   M D441             |   M N000 -N399
    D384            |     E259             |   M T360 -T659
    D391            |   M T360 -T509       |   M T783
    D401            |   M T880 -T887       |   M T880 -T889
    D441            |   M T96              |   M T96   -T97
    D443 -D444      |   M T983             |   M T983
    E240 -E279      |   M X40   -X40       |   M X40   -X49
    E896            |   M X60   -X64       |   M X60   -X69
    R75             |   M X85              |   M X85   -X90
```

--- E261 -E269 ---	--- E272 ---	--- E274 -E279 ---
CONTINUED	CONTINUED	CONTINUED
M Y10 -Y19	H160 -H169	H600 -H839
M Y400 -Y599	H440 -H441	I00 -I029
M Y86 -Y880	H600 -H839	I090
	I00 -I029	I098 -I10
--- E270 ---	I090	M I110 -I289
	I098 -I10	I300 -I409
A178	M I110 -I289	I600 -I709
C340 -C349	I300 -I409	M I710 -I729
C56	I600 -I709	I740 -I779
C620 -C629	M I710 -I729	M I99
C700 -C729	I740 -I779	J00 -J219
C740 -C749	M I99	J300 -J329
C780	J00 -J219	J350
C793 -C794	J300 -J329	J36 -J387
C796 -C797	J350	J40 -J47
M C798	J36 -J387	K20 -M1990
C80	J40 -J47	M300 -M359
M C97	K20 -M1990	M860 -M869
D022	M300 -M359	N020 -N029
M D073	M860 -M869	N130 -N139
M D076	N020 -N029	N340 -N459
M D093	N130 -N139	N61
D143	N340 -N459	N700 -N809
D27	N61	N990 -N999
D292	N700 -N809	P000 -Q079
D320 -D339	N990 -N999	Q200 -Q649
D350	P000 -Q079	Q850 -Q999
M D381	Q200 -Q649	R75
D391	Q850 -Q999	S000 -Y899
D401	R75	
D420 -D439	S000 -Y899	--- E280 -E281 ---
D441		
E000 -E279	--- E273 ---	C500 -C689
E320 -E329		C73 -C751
E713	E273	C790 -C791
E750 -E756	T360 -T509	C796 -C797
E890 -E891	T880 -T889	M C798
E896	T96	C80
G119	M T983	M C97
G20 -G219	X40 -X44	D050 -D091
G300 -G379	X60 -X64	D093
G910 -G919	X85	D24 -D309
G937	Y10 -Y14	D34 -D352
	Y400 -Y599	D390 -D419
--- E271 ---	M Y86 -Y872	D440 -D443
	Y880	D760 -D763
A1690		D860 -D869
E271	--- E274 -E279 ---	E050 -E059
		E062
--- E272 ---	A000 -F169	E065
	F180 -F509	E100 -E149
A000 -F169	F530 -F59	E220 -E289
F180 -F509	F70 -F79	E320 -E329
F530 -F59	F99 -G98	E713
F70 -F79	H160 -H169	E768 -E769
F99 -G98	H440 -H441	E771 -E779

```
--- E280 -E281  --- |    --- E283  ---    | --- E288 -E289   ---
      CONTINUED      |      CONTINUED      |       CONTINUED
      E803           | M  I728             |      T360 -T659
      E888           |    M313             |      T880 -T887
      E893 -E894     |    Q860 -Q999       |      T96  -T97
      E896 -E898     |    S000 -S099       |      T983
      F500 -F502     |    T200 -T207       |      X40  -X49
M     F508           |    T360 -T659       |      X60  -X69
      M050 -M080     |    T880 -T887       |      X85  -X90
      N030 -N039     |    T900 -T909       |      Y10  -Y19
      N110 -N119     | M  T950             |      Y400 -Y599
      N180 -N189     |    T96  -T97        |      Y836
      N26            | M  T983 -Y899       | M    Y86  -Y872
      N700 -N768     |                     |      Y880
      N840 -N849     | --- E288 -E289  --- |
      Q200 -Q249     |                     | --- E290 -E299   ---
      Q500 -Q529     |    C500 -C689       |
      Q898 -Q899     |    C73  -C751       |      A1690
      Q960 -Q969     |    C790 -C791       |      A183
      Q999           |    C796 -C797       |      A230 -A239
      T360 -T659     | M  C798             |      A300 -A309
      T880 -T887     |    C80              | M    A500 -A549
      T96  -T97      | M  C97              |      B260
      T983           |    D050 -D091       |      B269
      X40  -X49      |    D093             |      B901
      X60  -X69      |    D24  -D309       | M    B908
      X85  -X90      |    D34  -D352       |      B909
      Y10  -Y19      |    D390 -D419       | M    B948
      Y400 -Y599     |    D440 -D443       |      C61  -C689
      Y836           |    D760 -D763       |      C700 -C729
M     Y86  -Y872     |    D860 -D869       |      C740 -C749
      Y880           |    E050 -E059       |      C751
                     |    E062             |      C753
    --- E282  ---    |    E065             |      C790 -C791
                     |    E100 -E149       |      C793 -C794
      E282           |    E220 -E289       |      C797
                     |    E320 -E329       | M    C798
    --- E283  ---    |    E713             |      C80
                     |    E768 -E769       | M    C97
      C690 -C729     |    E771 -E779       |      D075 -D091
      C740 -C749     |    E803             | M    D093
      C793 -C794     |    E888             |      D290 -D309
      C797           |    E893 -E894       |      D320 -D339
M     C798           |    E896 -E898       |      D350
      D320 -D339     |    F500 -F502       |      D352
      D420 -D439     | M  F508             |      D354
      D760 -D763     |    M050 -M080       |      D400 -D439
      E000 -E149     |    N030 -N039       |      D441
      E220 -E279     |    N110 -N119       |      D443
      E283           |    N180 -N189       |      D445
      E713           |    N26              |      D860 -D869
      E768 -E769     |    N700 -N768       |      E220 -E279
      E771 -E779     |    N840 -N849       |      E290 -E299
      E803           |    Q200 -Q249       |      E320 -E329
      E888           |    Q500 -Q529       |      E713
      E896 -E898     |    Q898 -Q899       |      E840 -E849
      G000 -G09      |    Q960 -Q969       |      E893
      G931           |    Q999            | M    E896
```

```
--- E290 -E299  --- |    --- E301  ---    |    --- E309   ---
      CONTINUED      |      CONTINUED      |
      G09            |    D320 -D339       |    C700 -C729
      G711           |    D350            |    C740 -C749
      N450 -N459     |    D352            |    C751
      Q351 -Q379     |    D354            |    C753
      Q530 -Q564     |    D391            |    C793 -C794
      Q770 -Q789     |    D420 -D439      |    C797
      Q860 -Q999     |    D441 -D443      |  M C798
                     |    D445           |    C80
   --- E300   ---    |    E000 -E0390     |  M C97
                     |    E229           |  M D093
                     |    E250           |    D320 -D339
      C700 -C729     |    E301           |    D350
      C740 -C749     |    G000 -G09       |    D352
      C751           |    G370 -G379      |    D354
      C753           |    G910 -G919      |    D391
      C793 -C794     |    N830           |    D420 -D439
      C797           |    Q500 -Q564      |    D441
    M C798           |  M Q870 -Q959      |    D443 -D445
      C80            |    Q960 -Q999      |    E000 -E0390
    M C97            |                     |    E100 -E149
    M D093           |    --- E308   ---   |    E309
      D320 -D339     |                     |    E840 -E849
      D350           |    C700 -C729       |    G000 -G09
      D352           |    C740 -C749       |    G370 -G379
      D354           |    C751            |    G910 -G919
      D391           |    C753            |    N030 -N059
      D420 -D439     |    C793 -C794       |    N070 -N079
      D441           |    C797            |    N110 -N119
      D443 -D445     |  M C798            |    N180 -N189
      E000 -E0390    |    C80             |    Q500 -Q564
      E100 -E149     |  M C97             |  M Q870 -Q959
      E300           |  M D093            |    Q960 -Q999
      E840 -E849     |    D320 -D339       |
      G000 -G09      |    D350            |    --- E310   ---
      G370 -G379     |    D352            |
      G910 -G919     |    D354            |    B200 -B24
      N030 -N059     |    D391            |    E310
      N070 -N079     |    D420 -D439       |    R75
      N110 -N119     |    D441            |
      N180 -N189     |    D443 -D445       |    --- E311   ---
      Q500 -Q564     |    E000 -E0390      |
    M Q870 -Q959     |    E100 -E149       |  M B650 -B659
      Q960 -Q999     |    E308            |    C73  -C759
                     |    E840 -E849       |    C797
   --- E301   ---    |    G000 -G09        |  M C798
                     |    G370 -G379       |    C80
                     |    G910 -G919       |  M C97
      C222           |    N030 -N059       |    D093
      C700 -C729     |    N070 -N079       |    D34  -D359
      C740 -C749     |    N110 -N119       |    D440 -D449
      C751           |    N180 -N189       |  M E000 -E310
      C753           |    Q500 -Q564       |    E311
      C793 -C794     |  M Q870 -Q959       |  M E318 -E899
      C797           |    Q960 -Q999       |
    M C798           |                     |
      C80            |                     |
    M C97            |                     |
    M D093           |                     |
```

```
    --- E318  ---      |     --- E328  ---      |      --- E340   ---
                       |       CONTINUED        |        CONTINUED
  M B650 -B659         |   M D000 -D489         |    M D093
    C73  -C759         |     D800 -E349         |      D120 -D139
    C797               |     G700 -G709         |      D27
  M C798               |     M350 -M359         |      D34
    C80                |   M Q892               |      D371 -D386
  M C97                |   M T360 -T659         |      D391
    D093               |   M T880 -T887         |      D440
    D34  -D359         |   M T96  -T97          |      E340
    D440 -D449         |   M T983               |
  M E000 -E311         |   M X40  -X49          |      --- E341   ---
    E318               |   M X60  -X69          |
  M E319 -E899         |   M X85  -X90          |      C150 -C399
                       |   M Y10  -Y19          |      C56
    --- E319  ---      |   M Y400 -Y599         |      C73
                       |   M Y86  -Y880         |      C780 -C788
    B200 -B24          |                        |      C796
  M B650 -B659         |      --- E329  ---     |    M C798
    C73  -C759         |                        |      C80
    C797               |     A162 -A179         |    M C97
  M C798               |     A800 -A89          |      D001 -D024
    C80                |     B200 -B24          |    M D073
  M C97                |     B650 -B839         |    M D093
    D093               |     B900               |      D120 -D139
    D34  -D359         |     B909               |      D27
    D440 -D449         |     B941               |      D34
  M E000 -E318         |   M B948               |      D371 -D386
    E319               |     C000 -C97          |      D391
  M E320 -E899         |   M D000 -D489         |      D440
    R75                |     D800 -E349         |      E341
                       |     G700 -G709         |
  --- E320 -E321  ---  |     M350 -M359         |      --- E342   ---
                       |   M Q892               |
    A162 -A179         |     R75                |      C64  -C65
    A800 -A89          |   M T360 -T659         |      C73  -C749
    B650 -B839         |   M T880 -T887         |      C790
    B900               |   M T96  -T97          |      C797
    B909               |   M T983               |    M C798
    B941               |   M X40  -X49          |    M D091
  M B948               |   M X60  -X69          |    M D093
    C000 -C97          |   M X85  -X90          |      D300 -D301
  M D000 -D489         |   M Y10  -Y19          |      D34  -D350
    D800 -E349         |   M Y400 -Y599         |      D410 -D411
    G700 -G709         |   M Y86  -Y880         |      D440 -D441
    M350 -M359         |                        |      E342
  M Q892               |      --- E340  ---     |
                       |                        |      --- E343   ---
    --- E328  ---      |     C150 -C399         |
                       |     C56                |      E343
    A162 -A179         |     C73                |
    A800 -A89          |     C780 -C788         |      --- E344   ---
    B650 -B839         |     C796               |
    B900               |   M C798               |      E344
    B909               |     C80                |
    B941               |   M C97                |      --- E345   ---
  M B948               |     D001 -D024         |
    C000 -C97          |   M D073               |      E345
```

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   --- E348  ---      |    --- E41   ---      | --- E42  -E43   ---
                      |       CONTINUED       |       CONTINUED
M B650 -B659          |    M300 -N399         |    T065 -T08
  C73  -C759          |    N410 -N459         |    T091 -T099
  C797                |    N700 -N768         |    T141
M C798                |    O000 -Q079         |    T148 -T149
  C80                 |    Q200 -Q824         |    T170 -T217
M C97                 |    Q850 -Q999         |    T270 -T329
  D093                |    R54                |    T360 -T659
  D34  -D359          |    R75                |    T800 -T889
  D440 -D449          |    S010 -S099         |    V010 -Y899
M E000 -E345          |    S110 -S199         |
  E348                |    S210 -S299         | --- E440 -E45    ---
M E349 -E899          |    S310 -S399         |
                      |    T019 -T021         |    B200 -D489
   --- E349  ---      |    T029               |    E40  -E46
                      |    T041               |    F03
  B200 -B24           |    T058               |    F100 -F199
M B650 -B659          |    T065 -T08          |    F320 -F329
  C73  -C759          |    T091 -T099         |    F500 -F509
  C797                |    T141               |    F982
M C798                |    T148 -T149         |    I672
  C80                 |    T170 -T217         |    I698
M C97                 |    T270 -T329         |    J100 -J189
  D093                |    T360 -T659         |    J380 -J399
  D34  -D359          |    T800 -T889         |    K700 -K719
  D440 -D449          |    V010 -Y899         |    K740 -K746
M E000 -E348          |                       |    K761
  E349                | --- E42  -E43    ---  |    K900 -K919
M E40  -E899          |                       |    M000 -M1990
  R75                 |    B200 -D489         |    P920 -P929
                      |    E40  -E46          |    R54
   --- E40   ---      |    F03                |    R630
                      |    F100 -F199         |    R633 -R634
  B200 -B24           |    F320 -F329         |    R64
  E40                 |    F500 -F509         |    R75
  M000 -M1990         |    F982               |    S010 -S099
  R75                 |    I672               |    S110 -S199
                      |    I698               |    S210 -S299
   --- E41   ---      |    K700 -K719         |    S310 -S399
                      |    K740 -K746         |    T019 -T021
  A000 -E649          |    K761               |    T029
  E670 -F509          |    K900 -K919         |    T041
  F530 -F539          |    M000 -M1990        |    T058
  F680 -F73           |    P920 -P929         |    T065 -T08
  F920               |    R54                |    T091 -T099
  F982 -F983          |    R630               |    T141
  F989 -G98           |    R633 -R634         |    T148 -T149
  I00  -J80           |    R64                |    T170 -T217
  J82  -J989          |    R75                |    T270 -T329
  K040 -K069          |    S010 -S099         |    T360 -T659
  K080 -K929          |    S110 -S199         |    T800 -T889
  L100 -L129          |    S210 -S299         |    V010 -Y899
  L510 -L539          |    S310 -S399         |
  L89                 |    T019 -T021         |    --- E46    ---
  L97                 |    T029               |
  L984                |    T041               |    A000 -E649
  M000 -M1990         |    T058               |    E670 -F509
```

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--- E46  ---         |    --- E501  ---        |    --- E508   ---
   CONTINUED          |                         |
 F530 -F539           |     B200 -C97           |     B200 -C97
 F608 -F609           |     E501                |     E508 -E509
 F680 -F73            |     E509                |     E641
 F920                 |     E641                |     R75
 F982 -F983           |     R75                 |
 F989 -G98            |                         |    --- E509   ---
 I00  -J80            |    --- E502  ---        |
 J82  -J989           |                         |     B200 -C97
 K020 -K029           |     B200 -C97           |     E500 -E509
 K040 -K069           |     E502                |     E641
 K080 -K929           |     E509                |     R75
 L100 -L129           |     E641                |
 L510 -L539           |     R75                 |  --- E511 -E519   ---
 L89                  |                         |
 L97                  |    --- E503  ---        |     A000 -D489
 L984                 |                         |     E050 -E059
 M000 -M1990          |     B200 -C97           |     E100 -E149
 M300 -N459           |     E503                |     E200 -E209
 N700 -N768           |     E509                |     E232
 O000 -Q079           |     E641                |     E340
 Q200 -Q824           |     R75                 |     E40  -E649
 Q850 -Q999           |                         |     E700 -E807
 R11                  |    --- E504  ---        |     E831
 R13                  |                         |     E840 -E859
 R54                  |     B200 -C97           |     E880 -E899
 R600 -R609           |     E504                |     F100 -F199
 R630                 |     E509                |     F201 -F202
 R633 -R634           |     E641                |     F232
 R75                  |     R75                 |     F250 -F259
 S010 -S099           |                         |     F453
 S110 -S199           |    --- E505  ---        |     F54
 S210 -S299           |                         |     K250 -K319
 S310 -S399           |     B200 -C97           |     K500 -K529
 T019 -T021           |     E505                |     K560 -K605
 T029                 |     E509                |     K622 -K624
 T041                 |     E641                |     K630 -K639
 T058                 |     R75                 |     K700 -K769
 T065 -T08            |                         |     K820
 T091 -T099           |    --- E506  ---        |     K868
 T141                 |                         |     K900 -K929
 T148 -T149           |     B200 -C97           |     M000 -M1990
 T170 -T217           |     E506                |     M300 -M329
 T270 -T329           |     E509                |     M340 -M349
 T360 -T659           |     E641                |     N251
 T800 -T889           |     R75                 |     O240 -O249
 V010 -Y899           |                         |     P700 -P702
                      |    --- E507  ---        |     Q184 -Q185
 --- E500  ---        |                         |     Q380 -Q459
                      |     B200 -C97           |     Q900 -Q999
                      |     E507                |     R730
  B200 -C97           |     E509                |     R75
  E500                |     E641                |     R81
  E509                |     R75                 |   M S000 -Y899
  E641                |                         |
  R75                 |                         |
                      |                         |
```

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   --- E52   ---      | --- E538 -E539  --- |   --- E550   ---
                      |      CONTINUED      |      CONTINUED
     A000 -D489       |    F250 -F259       |   R54
     E050 -E059       |    F453             |   R58  -R5800
     E100 -E149       |    F54              |   R630
     E200 -E209       |    K250 -K929       |   R633 -R634
     E232             |    M000 -M1990      |   R64
     E340             |    M300 -M329       |   R75
     E40  -E46        |    M340 -M349       |   S000 -T983
     E52              |    N251             |   Y400 -Y599
     E638 -E639       |    O240 -O249       |   Y880
   M E648             |    P700 -P702       |
     E649             |    Q184 -Q185       |   --- E559   ---
     E720             |    Q380 -Q459       |
     F100 -F199       |    Q900 -Q999       |     A000 -D899
     F453             |    R730             |     E050 -E059
     F54              |    R75              |     E062
     K20  -K929       |    R81              |     E100 -E149
     Q184 -Q185       |  M S000 -Y899       |   M E168
     Q380 -Q459       |                     |     E200 -E215
     Q900 -Q999       |    --- E54    ---   |     E240 -E899
     R730             |                     |     F03
     R75              |      B200 -B24      |     F100 -F199
     R81              |      E54            |     F201 -F202
   M S000 -Y899       |      E642           |     F232
                      |      R75            |     F250 -F259
   --- E530   ---     |                     |     F453
                      |    --- E550   ---   |     F500 -F509
     B200 -B24        |                     |     F54
     E530             |      A000 -D899     |     F982
     E539             |      E050 -E059     |     I00  -I099
   M E648             |      E062           |     I311
     R75              |      E100 -E149     |     I500 -I509
                      |    M E168           |     I890 -I899
   --- E531   ---     |      E200 -E899     |     K20  -K929
                      |      F03            |     L940
     B200 -B24        |      F100 -F199     |     M300 -M349
     E531             |      F201 -F202     |     N000 -N399
     E539             |      F232           |     O000 -P969
   M E648             |      F250 -F259     |     Q184 -Q185
     R75              |      F453           |     Q380 -Q459
                      |      F500 -F509     |     Q820
 --- E538 -E539   --- |      F54            |     Q900 -Q999
                      |      F982           |     R11
     A000 -D489       |      I00  -I099     |     R54
     E050 -E059       |      I311           |     R58  -R5800
     E100 -E149       |      I500 -I509     |     R630
     E200 -E209       |      I890 -I899     |     R633 -R634
     E232             |      K20  -K929     |     R64
     E340             |      L940           |     R75
     E40  -E649       |      M300 -M349     |     S000 -T983
     E700 -E807       |      N000 -N399     |     Y400 -Y599
     E831             |      O000 -P969     |     Y880
     E840 -E859       |      Q184 -Q185     |
     E880 -E899       |      Q380 -Q459     |   --- E560   ---
     F100 -F199       |      Q820           |
     F201 -F202       |      Q900 -Q999     |     A000 -C97
     F232             |      R11            |     E40  -E46
```

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   --- E560  ---      | --- E568 -E569  --- |    --- E58    ---
      CONTINUED       |      CONTINUED      |       CONTINUED
      E560            |      N410 -N459     |      T200 -T329
      E640            |      N700 -N768     |      T360 -T509
      E648 -E649      |      O000 -Q079     |      T797
      E786            |      Q200 -Q824     |      T818
      E840 -E849      |      Q850 -Q999     |      T950 -T96
      K710            |      R54            |      Y400 -Y599
      K831            |      R630           |      Y880
      K900 -K909      |      R633 -R634     |
      O25             |      R64            |    --- E59    ---
      P004            |      R75            |
      P050 -P052      |      S000 -T983     |      A000 -C97
      Q445            |      Y400 -Y599     |      E40  -E46
      R54             |      Y880           |      E59
      R75             |                     |      E640
      T730            |    --- E58    ---   |      E648 -E649
      Y530 -Y539      |                     |      E786
      Y880            |      A000 -C97      |      E840 -E849
                      |      D140 -D141     |      K710
   --- E561   ---     |      D66  -D689     |      K831
                      |      D891          |      K900 -K909
      A000 -C97       |      E000 -E756     |      O25
      E40  -E46       |      E770 -E789     |      P004
      E561            |      E835           |      P050 -P052
      E640            |      E839           |      Q445
      E648 -E649      |      E880 -E888     |      R54
      E840 -E849      |      F100 -F109     |      R75
      K20  -K929      |      G000 -G419     |      T730
      O25             |      G450 -G459     |      Y530 -Y539
      P004            |      G600 -G98      |      Y880
      P050 -P052      |      I600 -I698     |
      Q390 -Q459      |      I868           |    --- E60    ---
      R54             |      J00  -J989     |
      R75             |      K223           |      A000 -C97
      T730            |      K250 -K289     |      D140 -D141
      Y530 -Y539      |      K440 -K449     |      D66  -D689
      Y880            |      K560 -K599     |      D891
                      |      K700 -K929     |      E000 -E756
   --- E568 -E569  ---|      M050 -M119     |      E770 -E789
                      |      M300 -M359     |      E832
      A000 -E649      |      M45            |      E839
      E670 -F509      |      N000 -N399     |      E880 -E888
      F530 -F539      |      O290           |      F100 -F109
      F680 -F72       |      O740           |      G000 -G419
      F920            |      O890           |      G450 -G459
      F982 -F983      |      P220           |      G600 -G98
      F989 -G98       |      P230 -P251     |      I600 -I698
      I00  -J80       |      P280 -P281     |      I868
      J82  -J989      |      P350           |      J00  -J989
      K040 -K069      |      Q750 -Q791     |      K223
      K080 -K929      |      Q998 -Q999     |      K250 -K289
      L100 -L129      |      R061           |      K440 -K449
      L510 -L539      |      R091 -R092     |      K560 -K599
      L89             |      R54            |      K700 -K929
      L97             |      R75            |      M050 -M119
      L984            |      R790           |      M300 -M359
      M300 -N399      |      S270 -S272     |      M45
```

--- E60 ---	--- E610 ---	--- E611 -E613 ---
CONTINUED	CONTINUED	CONTINUED
N000 -N399	P280 -P281	T200 -T329
O290	P350	T360 -T509
O740	Q750 -Q799	T797
O890	Q998 -Q999	T818
P220	R061	T950 -T96
P230 -P251	R091 -R092	Y400 -Y599
P280 -P281	R54	Y880
P350	R75	
Q750 -Q799	R790	--- E614 -E616 ---
Q998 -Q999	S270 -S272	
R061	T200 -T329	A000 -C97
R091 -R092	T360 -T509	D140 -D141
R54	T797	D66 -D689
R75	T818	D891
R790	T950 -T96	E000 -E756
S270 -S272	Y400 -Y599	E770 -E889
T200 -T329	Y880	F100 -F109
T360 -T509		G000 -G419
T797	--- E611 -E613 ---	G450 -G459
T818		G600 -G98
T950 -T96		I600 -I698
Y400 -Y599	A000 -C97	I868
Y880	D140 -D141	J00 -J989
	D66 -D689	K223
--- E610 ---	D891	K250 -K289
	E000 -E889	K440 -K449
A000 -C97	F100 -F109	K560 -K599
D140 -D141	G000 -G419	K700 -K929
D66 -D689	G450 -G459	M050 -M119
D891	G600 -G98	M300 -M359
E000 -E756	I600 -I698	M45
E770 -E789	I868	N000 -N399
E830	J00 -J989	O290
E839	K223	O740
E880 -E888	K250 -K289	O890
F100 -F109	K440 -K449	P220
G000 -G419	K560 -K599	P230 -P251
G450 -G459	K700 -K929	P280 -P281
G600 -G98	M050 -M119	P350
I600 -I698	M300 -M359	Q750 -Q799
I868	M45	Q998 -Q999
J00 -J989	N000 -N399	R061
K223	O290	R091 -R092
K250 -K289	O740	R54
K440 -K449	O890	R75
K560 -K599	P220	R790
K700 -K929	P230 -P251	S270 -S272
M050 -M119	P280 -P281	T200 -T329
M300 -M359	P350	T360 -T509
M45	Q750 -Q799	T797
N000 -N399	Q998 -Q999	T818
O290	R061	T950 -T96
O740	R091 -R092	Y400 -Y599
O890	R54	Y880
P220	R75	
P230 -P251	R790	
	S270 -S272	

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                              TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


--- E617 -E619  --- |     --- E630  ---      |     --- E639  ---
                    |         CONTINUED      |        CONTINUED
     A000 -E649     |     M793               |     F920
     E670 -F509     |     N000 -N399         |     F982 -F983
     F530 -F539     |     Q750 -Q799         |     F989 -G98
     F680 -F72      |     Q998 -Q999         |     I00  -I979
     F920           |     R54                |     J40  -J80
     F982 -F983     |     R75                |     J82  -J989
     F989 -G98      |     T200 -T329         |     K020 -K029
     I00  -I979     |     T360 -T509         |     L100 -L129
     J40  -J80      |     T66                |     L510 -L539
     J82  -J989     |     T780 -T789         |     L97
     K020 -K029     |     T800 -T889         |     L984
     K040 -K069     |     T950 -T96          |     M300 -N459
     K080 -K929     |     T981               |     N700 -N768
     L100 -L129     |     T983               |     O000 -Q079
     L510 -L539     |     Y400 -Y599         |     Q200 -Q824
     L97            |     Y880               |     Q850 -Q999
     L984           |                        |     R11
     M300 -N459     | --- E631 -E638  --- |     R13
     N700 -N768     |                        |     R54
     O000 -Q079     |     A000 -E649         |     R600 -R609
     Q200 -Q824     |     E670 -F509         |     R630
     Q850 -Q999     |     F530 -F539         |     R633 -R634
     R11            |     F680 -F72          |     R75
     R13            |     F920               |     S010 -S099
     R54            |     F982 -F983         |     S110 -S199
     R600 -R609     |     F989 -G98          |     S210 -S299
     R630           |     I00  -I979         |     S310 -S399
     R633 -R634     |     J40  -J80          |     T019 -T021
     R75            |     J82  -J989         |     T029
     S000 -T983     |     K020 -K029         |     T041
     Y400 -Y599     |     L100 -L129         |     T058
     Y880           |     L510 -L539         |     T065 -T08
                    |     L97                |     T091 -T099
   --- E630  ---    |     L984               |     T141
                    |     M300 -N459         |     T148 -T149
                    |     N700 -N768         |     T170 -T217
     A000 -E899     |     O000 -Q079         |     T270 -T329
     G000 -G419     |     Q200 -Q824         |     T360 -T659
     G450 -G459     |     Q850 -Q999         |     T800 -T889
     G600 -G839     |     R11                |     V010 -Y899
     G903           |     R13                |
     G930 -G98      |     R54                |     --- E640  ---
     I600 -I698     |     R600 -R609         |
     J200 -J47      |     R630               |     B200 -B24
     J680 -J709     |     R633 -R634         |     E40  -E46
     K223           |     R75                |     E640
     K250 -K289     |     S000 -T983         |     F989 -G98
     K560 -K599     |     Y400 -Y599         |   M K520
     K700 -K929     |     Y880               |     R75
     L871           |                        |   M Y842
     L932           |     --- E639  ---      |   M Y883
     M050 -M120     |                        |
     M242           |     A000 -E649         |     --- E641  ---
     M300 -M359     |     E670 -F509         |
     M470 -M471     |     F530 -F539         |     B200 -B24
     M500           |     F680 -F72          |     E500 -E509
     M510           |                        |
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```
  --- E641  ---     |    --- E65   ---     |    --- E671   ---
     CONTINUED      |       CONTINUED      |       CONTINUED
      E641          |     E240 -E249       |      R632
 M K520             |     E280 -E299       |  M T452
   R75              |     E630             |  M Y577
 M Y842             |     E65  -E789       |  M Y880
 M Y883             |     E880 -E882       |
                    |     E890 -E891       |    --- E672   ---
  --- E642  ---     |     E894 -E899       |
                    |     P722             |      E672
   B200 -B24        |  M Q897 -Q898        |      R632
   E54              |  M Q998              |  M T452
   E642             |    Q999              |  M Y577
 M K520             |    R632              |  M Y880
   R75              |                      |
 M Y842             |    --- E660   ---     |    --- E673   ---
 M Y883             |                      |
                    |     E660             |      E673
  --- E643  ---     |     F504             |      R632
                    |     R632             |      T452
   B200 -B24        |                      |      Y577
   E550 -E559       |    --- E661   ---     |  M Y880
   E643             |                      |
 M K520             |     E661             |    --- E678   ---
   R75              |                      |
 M Y842             | --- E662 -E669  --- |      E678
 M Y883             |                      |      R632
                    |     C254             |  M T452
  --- E648  ---     |     C788             |  M Y577
                    |     D017             |  M Y880
   B200 -B24        |     D137             |
   E511 -E539       |  M D377              |    --- E68   ---
   E560 -E638       |     E000 -E0390      |
   E648             |     E15  -E169       |      E670 -E68
 M K520             |     E240 -E249       |      R632
   R75              |     E280 -E299       |
 M Y842             |     E630             |    --- E700   ---
 M Y883             |     E65  -E789       |
                    |     E880 -E882       |      E700
  --- E649  ---     |     E890 -E891       |      E709
                    |     E894 -E899       |      E729
   B200 -B24        |     P722             |  M Q998
   E639             |  M Q897 -Q898        |    Q999
   E649             |  M Q998              |
 M K520             |    Q999              |    --- E701   ---
   R75              |    R632              |
 M Y842             |                      |      E701
 M Y883             |    --- E670   ---     |      E709
                    |                      |      E729
  --- E65   ---     |     E670             |  M Q998
                    |     R632             |    Q999
   C254             |  M T452              |
   C788             |  M Y577              |    --- E702   ---
   D017             |  M Y880              |
   D137             |                      |      E702
 M D377             |    --- E671   ---     |      E709
   E000 -E0390      |                      |      E729
   E15  -E169       |     E671             |  M Q998
```

```
  --- E702  ---     |    --- E721  ---    |    --- E731   ---
     CONTINUED       |       CONTINUED     |
     Q999            |       E729          |       E730 -E749
                     |     M E742          |       K500
  --- E703  ---      |     M K700 -K769    |       K508 -K511
                     |     M Q998          |       K519 -K529
     E703            |       Q999          |       K570
     E709            |                     |       K574
     E729            |    --- E722  ---     |       K580 -K589
   M Q998            |                     |     M K590 -K599
     Q999            |       E722          |       K630
                     |       E729          |       K633
  --- E709  ---      |       Q610 -Q619    |       K639
                     |     M Q998          |       K900 -K902
     E700 -E729      |       Q999          |       K912
   M Q998            |                     |     M N200 -N209
     Q999            |    --- E723  ---     |
                     |                     |   --- E738 -E739   ---
  --- E710  ---      |       E723          |
                     |       E729          |       E730 -E749
     E709 -E710      |     M Q998          |     M K590 -K599
     E712            |       Q999          |     M N200 -N209
     E729            |                     |
   M Q998            |    --- E724  ---     |   --- E740 -E748   ---
     Q999            |                     |
                     |       E724          |       E730 -E749
  --- E711  ---      |       E729          |     M K590 -K599
                     |     M Q998          |     M N200 -N209
     E709            |       Q999          |     M Q998
     E711 -E712      |                     |       Q999
     E729            |    --- E725  ---     |
   M Q998            |                     |    --- E749   ---
     Q999            |       E725          |
                     |       E729          |       B200 -B24
  --- E712  ---      |     M Q998          |       E730 -E749
                     |       Q999          |     M K590 -K599
     E710 -E712      |                     |     M N200 -N209
   M F100 -F199   *  |    --- E728  ---     |     M Q998
   M Q998            |                     |       Q999
     Q999            |       E728 -E729    |       R75
                     |     M Q998          |
  --- E713  ---      |       Q999          |    --- E750   ---
                     |                     |
     E713            |    --- E729  ---     |     M A000 -E749
   M Q998            |                     |       E750
     Q999            |     M D500 -D649    |     M E751 -E899
                     |       E700 -E729    |     M G000 -G419
  --- E720  ---      |     M Q998          |     M G450 -G459
                     |       Q999          |     M G600 -G839
     C900            |                     |     M G903
     E700 -E729      |    --- E730  ---     |     M G930 -G98
     E740 -E742      |                     |     M I600 -I698
   M Q998            |       E730          |     M J200 -J47
     Q999            |     M Q998          |     M J680 -J709
                     |       Q999          |     M J850 -J949
  --- E721  ---      |                     |     M K223
                     |                     |     M K250 -K289
     E721            |                     |     M K560 -K599
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   --- E750  ---      |    --- E751  ---      |    --- E753  ---
      CONTINUED       |       CONTINUED       |
 M K700 -K929         |     Q999              |   M A000 -E752
 M L871               |     R75               |       E753
 M L932               |   M T200 -T329        |   M E754 -E899
 M M050 -M120         |   M T360 -T509        |   M G000 -G419
 M M242               |   M T66               |   M G450 -G459
 M M300 -M359         |   M T780 -T789        |   M G600 -G839
 M M470 -M471         |   M T800 -T889        |   M G903
 M M500               |   M T950 -T96         |   M G930 -G98
 M M510               |   M T981              |   M I600 -I698
 M M793               |   M T983              |   M J200 -J47
 M N000 -N399         |   M Y400 -Y599        |   M J680 -J709
 M Q750 -Q799         |   M Y880              |   M J850 -J949
 M Q998               |                       |   M K223
    Q999              |    --- E752  ---       |   M K250 -K289
    R75               |                       |   M K560 -K599
 M T200 -T329         |   M A000 -E751        |   M K700 -K929
 M T360 -T509         |       E752            |   M L871
 M T66                |   M E753 -E899        |   M L932
 M T780 -T789         |   M G000 -G419        |   M M050 -M120
 M T800 -T889         |   M G450 -G459        |   M M242
 M T950 -T96          |   M G600 -G839        |   M M300 -M359
 M T981               |   M G903              |   M M470 -M471
 M T983               |   M G930 -G98         |   M M500
 M Y400 -Y599         |   M I600 -I698        |   M M510
 M Y880               |   M J200 -J47         |   M M793
                      |   M J680 -J709        |   M N000 -N399
    --- E751  ---     |   M J850 -J949        |   M Q750 -Q799
                      |   M K223              |   M Q998
 M A000 -E750         |   M K250 -K289        |      Q999
     E751             |   M K560 -K599        |      R75
 M E752 -E899         |   M K700 -K929        |   M T200 -T329
 M G000 -G419         |   M L871              |   M T360 -T509
 M G450 -G459         |   M L932              |   M T66
 M G600 -G839         |   M M050 -M120        |   M T780 -T789
 M G903               |   M M242              |   M T800 -T889
 M G930 -G98          |   M M300 -M359        |   M T950 -T96
 M I600 -I698         |   M M470 -M471        |   M T981
 M J200 -J47          |   M M500              |   M T983
 M J680 -J709         |   M M510              |   M Y400 -Y599
 M J850 -J949         |   M M793              |   M Y880
 M K223               |   M N000 -N399        |
 M K250 -K289         |   M Q750 -Q799        |    --- E754  ---
 M K560 -K599         |   M Q998              |
 M K700 -K929         |      Q999             |       E754
 M L871               |      R75              |   M Q750 -Q799
 M L932               |   M T200 -T329        |   M Q998
 M M050 -M120         |   M T360 -T509        |      Q999
 M M242               |   M T66               |
 M M300 -M359         |   M T780 -T789        |    --- E755  ---
 M M470 -M471         |   M T800 -T889        |
 M M500               |   M T950 -T96         |   M A000 -E754
 M M510               |   M T981              |       E755
 M M793               |   M T983              |   M E756 -E899
 M N000 -N399         |   M Y400 -Y599        |   M G000 -G419
 M Q750 -Q799         |   M Y880              |   M G450 -G459
 M Q998               |                       |   M G600 -G839
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                              TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


     --- E755 ---      |     --- E756 ---      |     --- E769  ---
        CONTINUED      |        CONTINUED      |        CONTINUED
   M G903              |   M M242              |     I600 -I709
   M G930 -G98         |   M M300 -M359        |     I776
   M I600 -I698        |   M M470 -M471        |     J00  -J329
   M J200 -J47         |   M M500              |     J36  -J989
   M J680 -J709        |   M M510              |     K20  -K919
   M J850 -J949        |   M M793              |     N000 -N289
   M K223              |   M N000 -N399        |     P000 -Q999
   M K250 -K289        |   M Q750 -Q799        |     R630
   M K560 -K599        |   M Q998              |     R633 -R634
   M K700 -K929        |     Q999              |     R75
   M L871              |     R75               |     S000 -Y899
   M L932              |   M T200 -T329        |
   M M050 -M120        |   M T360 -T509        |     --- E770  ---
   M M242              |   M T66               |
   M M300 -M359        |   M T780 -T789        |
   M M470 -M471        |   M T950 -T96         |   M A000 -E769
   M M500              |   M T981              |     E770
   M M510              |   M T983              |   M E771 -E899
   M M793              |   M Y400 -Y599        |   M G000 -G419
   M N000 -N399        |   M Y880              |   M G450 -G459
   M Q750 -Q799        |                       |   M G600 -G839
   M Q998              |                       |   M G903
     Q999              |     --- E760 ---      |   M G930 -G98
     R75               |                       |   M I600 -I698
   M T200 -T329        |     E760              |   M J200 -J47
   M T360 -T509        |   M Q998              |   M J680 -J709
   M T66               |     Q999              |   M J850 -J949
   M T780 -T789        |                       |   M K223
   M T800 -T889        |     --- E761 ---      |   M K250 -K289
   M T950 -T96         |                       |   M K560 -K599
   M T981              |     E761              |   M K700 -K929
   M T983              |   M Q998              |   M L871
   M Y400 -Y599        |     Q999              |   M L932
   M Y880              |                       |   M M050 -M120
                       |     --- E762 ---      |   M M242
                       |                       |   M M300 -M359
     --- E756 ---      |     E762              |   M M470 -M471
                       |   M Q998              |   M M500
                       |     Q999              |   M M510
   M A000 -E749        |                       |   M M793
     E750 -E756        |     --- E763 ---      |   M N000 -N399
   M E760 -E899        |                       |   M Q750 -Q799
   M G000 -G419        |     E763              |   M Q998
   M G450 -G459        |   M Q998              |     Q999
   M G600 -G839        |     Q999              |     R75
   M G903              |                       |   M T200 -T329
   M G930 -G98         |     --- E768 ---      |   M T360 -T509
   M I600 -I698        |                       |   M T66
   M J200 -J47         |     E760 -E769        |   M T780 -T789
   M J680 -J709        |                       |   M T800 -T889
   M J850 -J949        |     --- E769 ---      |   M T950 -T96
   M K223              |                       |   M T981
   M K250 -K289        |     A162 -D489        |   M T983
   M K560 -K599        |     E000 -F199        |   M Y400 -Y599
   M K700 -K929        |     F320 -F439        |   M Y880
   M L871              |     I10  -I259        |
   M L932              |     I440 -I469        |
   M M050 -M120        |                       |

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   --- E771  ---    |    --- E778  ---    |    --- E779  ---
                    |      CONTINUED      |      CONTINUED
M A000 -E770        | M K250 -K289        | M Q750 -Q799
    E771            | M K560 -K599        | M Q998
M E778 -E899        | M K700 -K929        |   Q999
M G000 -G419        | M L871              |   R75
M G450 -G459        | M L932              | M T200 -T329
M G600 -G839        | M M050 -M120        | M T360 -T509
M G903              | M M242              | M T66
M G930 -G98         | M M300 -M359        | M T780 -T789
M I600 -I698        | M M470 -M471        | M T800 -T889
M J200 -J47         | M M500              | M T950 -T96
M J680 -J709        | M M510              | M T981
M J850 -J949        | M M793              | M T983
M K223              | M N000 -N399        | M Y400 -Y599
M K250 -K289        | M Q750 -Q799        | M Y880
M K560 -K599        | M Q998              |
M K700 -K929        |   Q999              |
M L871              |   R75               |    --- E780  ---
M L932              | M T200 -T329        |
M M050 -M120        | M T360 -T509        | M A000 -E779
M M242              | M T66               |     E780
M M300 -M359        | M T780 -T789        | M E781 -E899
M M470 -M471        | M T800 -T889        | M G000 -G419
M M500              | M T950 -T96         | M G450 -G459
M M510              | M T981              | M G600 -G839
M M793              | M T983              | M G903
M N000 -N399        | M Y400 -Y599        | M G930 -G98
M Q750 -Q799        | M Y880              | M I600 -I698
M Q998              |                     | M J200 -J47
  Q999              |                     | M J680 -J709
  R75               |    --- E779  ---    | M J850 -J949
M T200 -T329        |                     | M K223
M T360 -T509        | M A000 -E769        | M K250 -K289
M T66               |     E770 -E779      | M K560 -K599
M T780 -T789        | M E780 -E899        | M K700 -K929
M T800 -T889        | M G000 -G419        | M L871
M T950 -T96         | M G450 -G459        | M L932
M T981              | M G600 -G839        | M M050 -M120
M T983              | M G903              | M M242
M Y400 -Y599        | M G930 -G98         | M M300 -M359
M Y880              | M I600 -I698        | M M470 -M471
                    | M J200 -J47         | M M500
   --- E778  ---    | M J680 -J709        | M M510
                    | M J850 -J949        | M M793
                    | M K223              | M N000 -N399
M A000 -E771        | M K250 -K289        | M Q750 -Q799
    E778            | M K560 -K599        | M Q998
M E779 -E899        | M K700 -K929        |   Q999
M G000 -G419        | M L871              |   R75
M G450 -G459        | M L932              | M T200 -T329
M G600 -G839        | M M050 -M120        | M T360 -T509
M G903              | M M242              | M T66
M G930 -G98         | M M300 -M359        | M T780 -T789
M I600 -I698        | M M470 -M471        |   T800 -T889
M J200 -J47         | M M500              | M T950 -T96
M J680 -J709        | M M510              | M T981
M J850 -J949        | M M793              | M T983
M K223              | M N000 -N399        | M Y400 -Y599
```

--- E780 ---	--- E782 ---	--- E783 ---
CONTINUED	CONTINUED	CONTINUED
M Y880	M J200 -J47	M M500
	M J680 -J709	M M510
--- E781 ---	M J850 -J949	M M793
	M K223	M N000 -N399
M A000 -E780	M K250 -K289	M Q750 -Q799
E781	M K560 -K599	M Q998
M E782 -E899	M K700 -K929	Q999
M G000 -G419	M L871	R75
M G450 -G459	M L932	M T200 -T329
M G600 -G839	M M050 -M120	M T360 -T509
M G903	M M242	M T66
M G930 -G98	M M300 -M359	M T780 -T789
M I600 -I698	M M470 -M471	T800 -T889
M J200 -J47	M M500	M T950 -T96
M J680 -J709	M M510	M T981
M J850 -J949	M M793	M T983
M K223	M N000 -N399	M Y400 -Y599
M K250 -K289	M Q750 -Q799	M Y880
M K560 -K599	M Q998	
M K700 -K929	Q999	--- E784 ---
M L871	R75	
M L932	M T200 -T329	M A000 -E783
M M050 -M120	M T360 -T509	E784
M M242	M T66	M E785 -E899
M M300 -M359	M T780 -T789	M G000 -G419
M M470 -M471	T800 -T889	M G450 -G459
M M500	M T950 -T96	M G600 -G839
M M510	M T981	M G903
M M793	M T983	M G930 -G98
M N000 -N399	M Y400 -Y599	M I600 -I698
M Q750 -Q799	M Y880	M J200 -J47
M Q998		M J680 -J709
Q999	--- E783 ---	M J850 -J949
R75		M K223
M T200 -T329	M A000 -E782	M K250 -K289
M T360 -T509	E783	M K560 -K599
M T66	M E784 -E899	M K700 -K929
M T780 -T789	M G000 -G419	M L871
T800 -T889	M G450 -G459	M L932
M T950 -T96	M G600 -G839	M M050 -M120
M T981	M G903	M M242
M T983	M G930 -G98	M M300 -M359
M Y400 -Y599	M I600 -I698	M M470 -M471
M Y880	M J200 -J47	M M500
	M J680 -J709	M M510
--- E782 ---	M J850 -J949	M M793
	M K223	M N000 -N399
M A000 -E781	M K250 -K289	M Q750 -Q799
E782	M K560 -K599	M Q998
M E783 -E899	M K700 -K929	Q999
M G000 -G419	M L871	R75
M G450 -G459	M L932	M T200 -T329
M G600 -G839	M M050 -M120	M T360 -T509
M G903	M M242	M T66
M G930 -G98	M M300 -M359	M T780 -T789
M I600 -I698	M M470 -M471	T800 -T889

--- E784 ---	--- E786 ---	--- E788 ---
CONTINUED	CONTINUED	CONTINUED
M T950 -T96	M G600 -G839	M M050 -M120
M T981	M G903	M M242
M T983	M G930 -G98	M M300 -M359
M Y400 -Y599	M I600 -I698	M M470 -M471
M Y880	M J200 -J47	M M500
	M J680 -J709	M M510
--- E785 ---	M J850 -J949	M M793
	M K223	M N000 -N399
M A000 -E784	M K250 -K289	M Q750 -Q799
E785	M K560 -K599	M Q998
M E786 -E899	M K700 -K929	Q999
M G000 -G419	M L871	R75
M G450 -G459	M L932	M T200 -T329
M G600 -G839	M M050 -M120	M T360 -T509
M G903	M M242	M T66
M G930 -G98	M M300 -M359	M T780 -T789
M I600 -I698	M M470 -M471	T800 -T889
M J200 -J47	M M500	M T950 -T96
M J680 -J709	M M510	M T981
M J850 -J949	M M793	M T983
M K223	M N000 -N399	M Y400 -Y599
M K250 -K289	M Q750 -Q799	M Y880
M K560 -K599	M Q998	
M K700 -K929	Q999	--- E789 ---
M L871	R75	
M L932	M T200 -T329	M A000 -E779
M M050 -M120	M T360 -T509	E780 -E789
M M242	M T66	M E790 -E899
M M300 -M359	M T780 -T789	M G000 -G419
M M470 -M471	T800 -T889	M G450 -G459
M M500	M T950 -T96	M G600 -G839
M M510	M T981	M G903
M M793	M T983	M G930 -G98
M N000 -N399	M Y400 -Y599	M I600 -I698
M Q750 -Q799	M Y880	M J200 -J47
M Q998		M J680 -J709
Q999	--- E788 ---	M J850 -J949
R75		M K223
M T200 -T329	M A000 -E786	M K250 -K289
M T360 -T509	E788	M K560 -K599
M T66	M E789 -E899	M K700 -K929
M T780 -T789	M G000 -G419	M L871
T800 -T889	M G450 -G459	M L932
M T950 -T96	M G600 -G839	M M050 -M120
M T981	M G903	M M242
M T983	M G930 -G98	M M300 -M359
M Y400 -Y599	M I600 -I698	M M470 -M471
M Y880	M J200 -J47	M M500
	M J680 -J709	M M510
--- E786 ---	M J850 -J949	M M793
	M K223	M N000 -N399
M A000 -E785	M K250 -K289	M Q750 -Q799
E786	M K560 -K599	M Q998
M E788 -E899	M K700 -K929	Q999
M G000 -G419	M L871	R75
M G450 -G459	M L932	M T200 -T329

--- E789 ---	--- E801 ---	--- E804 ---
CONTINUED		CONTINUED
M T360 -T509	M C229	M Y652
M T66	M C787	M Y655
M T780 -T789	M D015	
T800 -T889	M D134	--- E805 ---
M T950 -T96	M D376	
M T981	E800 -E801	M E804
M T983	M F100 -F199	E805
M Y400 -Y599	M K700 -K719	M E806 -E807
M Y880	M K730 -K746	M Q998
	M M320 -M329	Q999
--- E790 ---	M Q998	
	Q999	--- E806 -E807 ---
A000 -R825	M Y400 -Y599	
M R826		M B150 -B199
R827 -R892	--- E802 ---	M B948
M R893		M C620 -C629
R894 -R961	M C229	M C787
R98 -T983	M C787	M C798
	M D015	M D015
--- E791 ---	M D134	M D134
	M D376	M D376
E791	E800 -E802	M D401
M Q998	M F100 -F199	E803 -E807
Q999	M K700 -K719	M F100 -F109
	M K730 -K746	M K720 -K769
--- E798 ---	M M320 -M329	K800 -K839
	M Q998	M Q440 -Q447
E798	Q999	M Q998
M Q998		Q999
Q999	--- E803 ---	M T360 -T509
		M Y400 -Y600
--- E799 ---	E800 -E807	M Y610
	E840 -E859	M Y620
M E790 -E798		M Y652
E799	--- E804 ---	M Y655
M Q998		
Q999	M B150 -B199	--- E830 ---
	M B948	
--- E800 ---	M C229	M A000 -C97
	M C620 -C629	M D140 -D141
M C229	M C787	M D66 -D689
M C787	M C798	M D891
M D015	M D015	M E000 -E756
M D134	M D134	M E770 -E789
M D376	M D376	E830
E800	M D401	E839
M F100 -F199	E803 -E807	M E880 -E888
M K700 -K719	M F100 -F109	M F100 -F109
M K730 -K746	M K720 -K769	M G000 -G419
M M320 -M329	K800 -K839	M G450 -G459
M Q998	M Q440 -Q447	M G600 -G98
Q999	M Q998 -Q999	M I600 -I698
M Y400 -Y599	M T360 -T509	M I868
	M Y400 -Y600	M J00 -J989
	M Y610	M K223
	M Y620	M K250 -K289

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   --- E830 ---      |    --- E831 ---     |    --- E832  ---
     CONTINUED       |      CONTINUED      |      CONTINUED
 M K440 -K449        |  M O290             |  M Q750 -Q799
 M K560 -K599        |  M O740             |  M Q998
 M K700 -K929        |  M O890             |    Q999
 M M050 -M119        |  M P220             |  M R061
 M M300 -M359        |  M P230 -P251       |  M R091 -R092
 M M45               |  M P280 -P281       |  M R75
 M N000 -N399        |  M P350             |    R790
 M O290              |  M Q750 -Q799       |  M S270 -S272
 M O740              |  M Q998             |  M T200 -T329
 M O890              |    Q999             |  M T360 -T509
 M P220              |  M R061             |  M T797
 M P230 -P251        |  M R091 -R092       |  M T818
 M P280 -P281        |  M R75              |  M T950 -T96
 M P350              |    R790             |  M Y400 -Y599
 M Q750 -Q799        |  M S270 -S272       |
 M Q998              |  M T200 -T329       |     --- E833  ---
   Q999              |  M T360 -T509       |
 M R061              |  M T797             |
 M R091 -R092        |  M T818             |  M A000 -C97
 M R75               |  M T950 -T96        |  M D140 -D141
   R790              |  M Y400 -Y599       |  M D66  -D689
 M S270 -S272        |                     |  M D891
 M T200 -T329        |     --- E832  ---   |  M E000 -E756
 M T360 -T509        |                     |  M E770 -E789
 M T797              |  M A000 -C97        |    E833
 M T818              |  M D140 -D141       |    E839
 M T950 -T96         |  M D66  -D689       |  M E880 -E888
 M Y400 -Y599        |  M D891             |  M F100 -F109
                     |  M E000 -E756       |  M G000 -G419
   --- E831 ---      |  M E770 -E789       |  M G450 -G459
                     |    E832             |  M G600 -G98
                     |    E839             |  M I600 -I698
 M A000 -C97         |  M E880 -E888       |  M I868
 M D140 -D141        |  M F100 -F109       |  M J00  -J989
 M D66  -D689        |  M G000 -G419       |  M K223
 M D891              |  M G450 -G459       |  M K250 -K289
 M E000 -E756        |  M G600 -G98        |  M K440 -K449
 M E770 -E789        |  M I600 -I698       |  M K560 -K599
   E831              |  M I868             |  M K700 -K929
   E839              |  M J00  -J989       |  M M050 -M119
 M E880 -E888        |  M K223             |  M M300 -M359
 M F100 -F109        |  M K250 -K289       |  M M45
 M G000 -G419        |  M K440 -K449       |  M N000 -N399
 M G450 -G459        |  M K560 -K599       |  M O290
 M G600 -G98         |  M K700 -K929       |  M O740
 M I600 -I698        |  M M050 -M119       |  M O890
 M I868              |  M M300 -M359       |  M P220
 M J00  -J989        |  M M45              |  M P230 -P251
 M K223              |  M N000 -N399       |  M P280 -P281
 M K250 -K289        |  M O290             |  M P350
 M K440 -K449        |  M O740             |  M Q750 -Q791
 M K560 -K599        |  M O890             |  M Q998
 M K700 -K929        |  M P220             |    Q999
 M M050 -M119        |  M P230 -P251       |  M R061
 M M300 -M359        |  M P280 -P281       |  M R091 -R092
 M M45               |  M P350             |  M R75
 M N000 -N399        |                     |    R790
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--- E833 ---	--- E835 ---	--- E838 ---
CONTINUED		CONTINUED
M S270 -S272	M A000 -C97	M E770 -E789
M T200 -T329	M D140 -D141	E838 -E839
M T360 -T509	D377	M E880 -E888
M T797	M D66 -D689	M F100 -F109
M T818	M D891	M G000 -G419
M T950 -T96	M E000 -E756	M G450 -G459
M Y400 -Y599	M E770 -E789	M G600 -G98
	E835	M I600 -I698
--- E834 ---	E839	M I868
	E86	M J00 -J989
	M E880 -E888	M K223
M A000 -C97	M F100 -F109	M K250 -K289
M D140 -D141	M G000 -G419	M K440 -K449
M D66 -D689	M G450 -G459	M K560 -K599
M D891	M G600 -G98	M K700 -K929
M E000 -E756	M I600 -I698	M M050 -M119
M E770 -E789	M I868	M M300 -M359
E834	M J00 -J989	M M45
E839	M K223	M N000 -N399
M E880 -E888	M K250 -K289	M O290
M F100 -F109	M K440 -K449	M O740
M G000 -G419	M K560 -K599	M O890
M G450 -G459	M K700 -K929	M P220
M G600 -G98	M M050 -M119	M P230 -P251
M I600 -I698	M M300 -M359	M P280 -P281
M I868	M M45	M P350
M J00 -J989	M N000 -N399	M Q750 -Q791
M K223	M O290	M Q998
M K250 -K289	M O740	Q999
M K440 -K449	M O890	M R061
M K560 -K599	M P220	M R091 -R092
M K700 -K929	M P230 -P251	M R75
M M050 -M119	M P280 -P281	R790
M M300 -M359	M P350	M S270 -S272
M M45	M Q750 -Q791	M T200 -T329
M N000 -N399	M Q998	M T360 -T96
M O290	Q999	M Y400 -Y599
M O740	M R061	
M O890	M R091 -R092	--- E839 ---
M P220	M R75	
M P230 -P251	R790	
M P280 -P281	M S270 -S272	M A000 -C97
M P350	M T200 -T329	M D140 -D141
M Q750 -Q791	M T360 -T509	M D66 -D689
M Q998	M T797	M D891
Q999	M T818	M E000 -E756
M R061	M T950 -T96	M E770 -E789
M R091 -R092	M Y400 -Y599	E830 -E839
M R75		M E880 -E888
R790	--- E838 ---	M F100 -F109
M S270 -S272		M G000 -G419
M T200 -T329		M G450 -G459
M T360 -T509	M A000 -C97	M G600 -G98
M T797	M D140 -D141	M I600 -I698
M T818	M D66 -D689	M I868
M T950 -T96	M D891	M J00 -J989
M Y400 -Y599	M E000 -E756	M K223

--- E839 ---		--- E850 ---		--- E859 ---
CONTINUED				CONTINUED
M K250 -K289		E850		J47 -J869
M K440 -K449		E852		K500 -K529
M K560 -K599		E859		L89
M K700 -K929		M Q998		M050 -M089
M M050 -M119		Q999		M45
M M300 -M359				M860 -M869
M M45		--- E851 ---		N000 -N399
M N000 -N399				R54
M O290		E851 -E852		R75
M O740		E859		
M O890		M Q998		--- E86 ---
M P220		Q999		
M P230 -P251				A000 -R825
M P280 -P281		--- E852 ---		M R826
M P350				R827 -R892
M Q750 -Q791		E850 -E852		M R893
M Q998		E854		R894 -R961
Q999		M E858		R98 -Y899
M R061		E859		
M R091 -R092		M Q998		--- E870 ---
M R75		Q999		
R790				A000 -A085
M S270 -S272		--- E853 ---		A183
M T200 -T329				A187
M T360 -T509		A000 -D489		M A200 -B09
M T797		E850 -E859		B200 -B24
M T818		J47 -J869		B251 -B259
M T950 -T96		K500 -K529		B263
M Y400 -Y599		L89		B330 -B349
		M050 -M089		B370
--- E840 ---		M45		M B378 -B99
		M860 -M869		C000 -D899
E840		N000 -N399		E100 -E169
E849		R54		E222
M Q998		R75		E232
Q999		Y841		E240 -E279
		M Y883		E340 -E342
--- E841 ---				E40 -E649
		--- E854 -E858 ---		E86 -E878
E841				F100 -F199
E849		M A000 -D489		F70 -F79
M Q998		E850 -E859		H600 -J989 *
Q999		M J47 -J869		K20 -Q999
		M K500 -K529		R02
--- E848 ---		M L89		R11
		M M050 -M089		R18
E848 -E849		M M45		R75
M Q998		M M860 -M869		R790 -R799
Q999		M N000 -N399		S000 -Y899
		R54		
--- E849 ---		R75		--- E871 ---
E840 -E849		--- E859 ---		A000 -C97
M Q998				D500 -D899
Q999		A000 -D489		E100 -E169
		E850 -E859		E222

```
     --- E871  ---        |   --- E875 -E876  --- |     --- E880   ---
       CONTINUED          |       CONTINUED       |       CONTINUED
       E232               |       H600 -J989      |    M I330
       E240 -E279         |       K20  -Q999      |    M I510 -I698
       E340 -E342         |       R02             |    M I890 -I899
       E870 -E878         |       R060 -R064      |    M I970 -I972
       F100 -F199         |       R068            |    M J100 -J709
       F609               |       R11             |    M J850 -J959
       F70  -F79          |       R18             |    M K223
       G000 -G09          |       R64             |    M K250 -K289
       H600 -J989         |       R75             |    M K510 -K519
       K20  -Q999         |       R790 -R799      |    M K560 -K599
       R02                |       S000 -Y899      |    M K700 -K929
       R11                |                       |    M L030 -L039
       R18                |     --- E877  ---      |    M L100 -L129
       R75                |                       |    M L530 -L539
       R790 -R799         |       A000 -F03       |    M M053
       S000 -Y899         |       F060 -F209      |    M M300 -M359
                          |       F341            |    M M860 -M869
     --- E872  ---        |       F489 -F500      |    M Q386 -Q388
                          |       F55             |    M Q750 -Q799
       A000 -R825    *    |       F70  -F79       |    M Q820
     M R826          *    |       G000 -G09       |      R75
       R827 -R892    *    |       H600 -J989      |    M T200 -T207
     M R893          *    |       K20  -Q999      |    M T260 -T269
       R894 -R961    *    |       R02             |    M T780 -T789
       R98  -Y899    *    |       R060 -R064      |    M T800 -T889
                          |       R068            |    M T950
   --- E873 -E874   ---   |       R090 -R098      |    M T981
                          |       R18             |    M T983
       A000 -F03          |       R570 -R579      |    M Y400 -Y599
       F060 -F199         |       R64             |    M Y880
       F341               |       R75             |
       F489 -F500         |       R790 -R799      |     --- E881   ---
       F55                |       S000 -Y899      |
       F70  -F79          |                       |    M A000 -E880
       G000 -G09          |     --- E878  ---      |      E881
       H600 -I899         |                       |    M E882 -E899
       I970 -J989         |       A000 -R825      |    M G000 -G419
       K20  -Q999         |     M R826            |    M G450 -G459
       R02                |       R827 -R892      |    M G600 -G839
       R060 -R064         |     M R893            |    M G903
       R068               |       R894 -R961      |    M G930 -G98
       R090 -R098         |       R98  -Y899      |    M I600 -I698
       R11                |                       |    M J200 -J47
       R18                |     --- E880  ---      |    M J680 -J709
       R570 -R579         |                       |    M J850 -J949
       R64                |     M A000 -C97       |    M K223
       R75                |     M D093            |    M K250 -K289
       R790 -R799         |     M D150            |    M K560 -K599
       S000 -Y899         |     M D384            |    M K700 -K929
                          |     M D500 -E878      |    M L871
   --- E875 -E876   ---   |       E880            |    M L932
                          |     M E881 -E889      |    M M050 -M120
       A000 -F03          |     M G000 -G419      |    M M242
       F100 -F199         |     M G450 -G459      |    M M300 -M359
       F70  -F79          |     M G600 -G98       |    M M470 -M471
       G000 -G09          |     M I210 -I259      |    M M500
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--- E881 ---	--- E882 ---	--- E890 ---
CONTINUED	CONTINUED	CONTINUED
M M510	M T983	Y600 -Y849
M M793	M Y400 -Y599	Y881
M N000 -N399	M Y880	Y883
M Q750 -Q799		
M Q998	--- E888 ---	--- E891 ---
Q999		
R75	M A000 -D489	E891
M T200 -T329	M E000 -E882	Y600 -Y849
M T360 -T509	E888	Y881
M T66	M E889 -F199	Y883
M T780 -T789	M F320 -F439	
M T800 -T889	M I10 -I259	--- E892 ---
M T950 -T96	M I440 -I469	
M T981	M I600 -I709	E892
M T983	M I776	Y600 -Y849
M Y400 -Y599	M J00 -J329	Y881
M Y880	M J36 -J989	Y883
	M K20 -K919	
--- E882 ---	M N000 -N289	--- E893 ---
	M P000 -Q999	
M A000 -E881	M R630	E893
E882	M R633 -R634	Y600 -Y849
M E888 -E899	R75	Y881
M G000 -G419	M S000 -Y899	Y883
M G450 -G459		
M G600 -G839	--- E889 ---	--- E894 ---
M G903		
M G930 -G98	A000 -D489	E894
M I600 -I698	D750 -D759	Y600 -Y849
M J200 -J47	E000 -F199	Y881
M J680 -J709	F320 -F439	Y883
M K223	G300 -G3090 *	
M K250 -K289	I10 -I259	--- E895 ---
M K560 -K599	I440 -I469	
M K700 -K929	I600 -I709	E895
M L871	I776	Y600 -Y849
M L932	J00 -J329	Y881
M M050 -M120	J36 -J989	Y883
M M242	K20 -K919	
M M300 -M359	L00 -L089	--- E896 ---
M M470 -M471	L200 -L309	
M M500	L89	E896
M M510	L950 -L97	Y600 -Y849
M M793	L984	Y881
M N000 -N399	N000 -N289	Y883
M Q750 -Q799	P000 -Q999	
M Q998	R628 *	--- E898 ---
Q999	R630	
R75	R633 -R634	E898
M T200 -T329	R64	Y600 -Y849
M T360 -T509	R75	Y881
M T66	S000 -Y899	Y883
M T780 -T789		
M T800 -T889	--- E890 ---	--- E899 ---
M T950 -T96		
M T981	E890	E899

--- E899 ---	--- F010 -F019 ---	--- F03 ---
CONTINUED	CONTINUED	CONTINUED
Y600 -Y849	R500 -R509	T012 -T029
Y881	R54	T041 -T08
Y883	R560 -R5800	T091
	R600 -R609	T093 -T10
--- F010 -F019 ---	R75	T111
	R780 -R825	T113 -T12
A000 -F03	M R826	T131
F069	R827 -R829	T133 -T139
F100 -F199	M R893	T141 -T142
G000 -G419	R900 -R91	T144 -T329
G450 -G459	R930	T340 -T349
G474	R934	T351 -T889
G600	R938	T901 -T903
G602	R942	M T904
G608	S000 -Y899	T905
G800 -G969		M T908
M H000 -H959	--- F03 ---	T909
I00 -J989		M T910
L020 -L039	A000 -G98	T911 -T915
L930 -L932	I00 -J989	M T918
M000 -M1990	K20 -L109	T919 -T922
M300 -M359	L120 -L449	T924 -T926
M M800 -M809	L510 -L599	M T928
M810 -M819	L710 -L719	T929 -T932
M M830 -M843	L88	T934 -T936
M844	L920	M T938
M M848 -M851	L928 -L932	T939
M852 -M853	L951	M T940 -T953
M M854 -M855	L980 -L981	T954
M856	M000 -N459	M T958 -T959
M M858 -M873	N490 -N809	T96 -Y899
M878	N990 -N992	
M M879 -M889	N994 -Q999	--- F04 ---
M890	R54	
M M891 -M939	R75	A000 -D591
M940	S010 -S029	M D592
M M941 -M949	S040 -S050	D593 -D610
N000 -N399	S052 -S099	M D611
N430 -N434	S110 -S129	D612 -E243
N450 -N459	S140 -S199	E248 -E519
N47 -N489	S210 -S229	M E52
N600 -N959	S240 -S299	E530 -F09
N990 -N999	S310 -S328	F200 -G311
P000 -Q379	S340 -S399	G318 -G619
Q500 -Q649	S410 -S429	M G620
Q770 -Q789	S440 -S499	M G622
Q850 -Q999	S510 -S529	G628 -G720
R001	S540 -S599	G722 -G98
R008	S610 -S628	I00 -I4250
R012 -R030	S640 -S699	I427 -J989
R040 -R049	S710 -S729	K20 -K291
R060 -R068	S740 -S799	K293 -K669
R090 -R098	S810 -S829	K710 -K85
R300 -R31	S840 -S899	K861 -L109
R33 -R34	S910 -S929	L129 -L449
R392	S940 -S999	L510 -L599

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

--- F04 ---	--- F04 ---	--- F051 ---
CONTINUED	CONTINUED	
L710 -L719	M T910	F03
L88	T911 -T915	F051
L920	M T918	F100 -F199
M L928 -L932	T919 -T922	G311
L951	T924 -T926	R54
L980 -L981	M T928	T360 -T659
M000 -N459	T929 -T932	X40 -X49
N490 -N809	T934 -T936	X60 -X69
N990 -N992	M T938	X85 -X90
N994 -Q999	T939	Y10 -Y19
R54	M T940 -T953	
R75	T954	--- F058 ---
S010 -S029	M T958 -T959	
S040 -S050	T96 -X40	A000 -B99
S052 -S099	X43 -X44	E000 -F069
S110 -S129	X46 -Y449	F09 -F349
S140 -S199	Y451 -Y468	F840 -F849
S210 -S229	Y480 -Y485	G000 -G09
S240 -S299	Y500 -Y899	H600 -H709
S310 -S328		I00 -I019
S340 -S399	--- F050 ---	J100 -J189
S410 -S429		J300 -J329
S440 -S499	A000 -B99	J340 -J341
S510 -S529	E000 -F069	J348 -J350
S540 -S599	F09 -F349	J36 -J371
S610 -S628	F840 -F849	J385 -J392
S640 -S699	G000 -G09	J40 -J42
S710 -S729	H600 -H709	N000 -N10
S740 -S799	I00 -I019	N12
S810 -S829	J100 -J189	N136
S840 -S899	J300 -J329	N140 -N159
S910 -S929	J340 -J341	M N288
S940 -S999	J348 -J350	N300 -N309
T012 -T029	J36 -J371	N340 -N343
T041 -T08	J385 -J392	N351
T091	J40 -J42	N410 -N419
T093 -T10	N000 -N10	N450 -N459
T111	N12	N61
T113 -T12	N136	N700 -N809
T131	N140 -N159	R75
T133 -T139	M N288	T360 -T659
T141 -T142	N300 -N309	X40 -X49
T144 -T329	N340 -N343	X60 -X69
T340 -T349	N351	X85 -X90
T351 -T399	N410 -N419	Y10 -Y19
T410 -T422	N450 -N459	
T425 -T426	N61	--- F059 ---
M T427	N700 -N809	
T428	R75	A000 -B99
T440 -T509	T360 -T659	E000 -F069
T520 -T889	X40 -X49	F09 -F349
T901 -T903	X60 -X69	F449
M T904	X85 -X90	F840 -F849
T905	Y10 -Y19	G000 -G09
M T908		G300 -G419
T909		H600 -H709

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   --- F059 ---    |    --- F060 ---    |    --- F065  ---
     CONTINUED     |      CONTINUED     |      CONTINUED
     I00  -I019    |      R060 -R065    |      L951
     J100 -J189    |    M R068         |      L980 -L981
     J300 -J329    |      R090 -R091    |      M000 -N459
     J340 -J341    |      R291         |      N490 -N809
     J348 -J350    |      R54          |      N990 -N992
     J36  -J371    |      R600 -R609    |      N994 -Q999
     J385 -J392    |      R75          |      R02
     J40  -J42     |      S000 -T509    |      R042 -R048
     N000 -N10     |      T520 -X44     |      R060 -R065
     N12           |      X46  -Y899    |    M R068
     N136          |                   |      R090 -R091
     N140 -N159    |  --- F061 -F064  ---|      R291
   M N288          |                   |      R54
     N300 -N309    |      A000 -G98     |      R600 -R609
     N340 -N343    |      H600 -H709    |      R75
     N351          |      H720 -H739    |      S000 -Y899
     N410 -N419    |      I00  -J989    |
     N450 -N459    |      K20  -L109    |     --- F066  ---
     N61           |      L120 -L449    |
     N700 -N809    |      L510 -L599    |      A000 -G98
     R75           |      L710 -L719    |      H600 -H709
     S017 -S019    |      L88          |      H720 -H739
     S060 -S069    |      L920         |      I00  -J989
     T360 -T659    |      L928 -L932    |      K20  -L109
     T905          |      L951         |      L120 -L449
     X40  -X49     |      L980 -L981    |      L510 -L599
     X60  -X69     |      M000 -N459    |      L710 -L719
     X85  -X90     |      N490 -N809    |      L88
     Y10  -Y19     |      N990 -N992    |      L920
                   |      N994 -Q999    |      L928 -L932
    --- F060  ---  |      R02          |      L951
                   |      R042 -R048    |      L980 -L981
     A000 -E519    |      R060 -R065    |      M000 -N459
   M E52           |    M R068         |      N490 -N809
     E530 -F079    |      R090 -R091    |      N990 -N992
     F110 -G620    |      R291         |      N994 -Q999
     G622 -G98     |      R54          |      R02
     H600 -H709    |      R600 -R609    |      R042 -R048
     H720 -H739    |      R75          |      R060 -R065
     I00  -J989    |      S000 -Y899    |    M R068
     K20  -K669    |                   |      R090 -R091
     K710 -L109    |     --- F065  ---  |      R291
     L120 -L449    |                   |      R54
     L510 -L599    |      A000 -E899    |      R600 -R609
     L710 -L719    |      F065         |      R75
     L88           |      G000 -G98     |      S000 -Y899
     L920          |      H600 -H709    |
     L928 -L932    |      H720 -H739    |     --- F068  ---
     L951          |      I00  -J989    |
     L980 -L981    |      K20  -L109    |      A000 -E899
     M000 -N459    |      L120 -L449    |      F068
     N490 -N809    |      L510 -L599    |      G000 -G98
     N990 -N992    |      L710 -L719    |      H600 -H709
     N994 -Q999    |      L88          |      H720 -H739
     R02           |      L920         |      I00  -J989
     R042 -R048    |      L928 -L932    |      K20  -L109
```

--- F068 ---	--- F069 ---	--- F070 ---
CONTINUED	CONTINUED	CONTINUED
L120 -L449	M T064	S840 -S899
L510 -L599	T07 -T08	S910 -S929
L710 -L719	T093 -T094	S940 -S999
L88	T140 -T149	T012 -T029
L920	T200 -T207	T041 -T08
L928 -L932	T340 -T341	T091
L951	T350 -T352	T093 -T10
L980 -L981	T66 -T68	T111
M000 -N459	T698 -T758	T113 -T12
N490 -N809	T790 -T799	T131
N990 -N992	T900 -T911	T133 -T139
N994 -Q999	T913	T141 -T142
R02	T918 -T919	T144 -T329
R042 -R048	T940 -T950	T340 -T349
R060 -R065	T958 -T959	T351 -T889
M R068	T981 -T982	T901 -T922
R090 -R091	V010 -Y872	T924 -T932
R291		T934 -Y899
R54	--- F070 ---	
R600 -R609		--- F071 ---
R75	A000 -E899	
	F070	A000 -A418
--- F069 ---	G000 -G98	M A419
	I00 -J989	A420 -F489
A000 -G98	K20 -L109	F530 -F629
H600 -H709	L120 -L449	F633 -F638
H720 -H739	L510 -L599	F680 -F79
I00 -J989	L710 -L719	F803
K20 -L109	L88	F840 -G419
L120 -L449	L920	G600 -H010
L510 -L599	L928 -L932	H018 -H019
L710 -L719	L951	H043 -H044
L88	L980 -L981	H050 -H051
L920	M000 -N459	H058
L928 -L932	N490 -N809	H150 -H151
L951	N990 -Q999	H200 -H209
L980 -L981	R54	H213
M000 -N459	R75	H300 -H309
N490 -N809	S010 -S029	H331
N990 -N992	S040 -S050	H353
N994 -Q999	S052 -S099	H440 -H441
R02	S110 -S129	H600 -H739
R042 -R048	S140 -S199	H950 -J80
R060 -R065	S210 -S229	J82 -J989
M R068	S240 -S299	K040 -K069
R090 -R091	S310 -S328	K091 -K099
R291	S340 -S399	K102 -K116
R54	S410 -S429	K120 -K122
R600 -R609	S440 -S499	K140
R75	S510 -S529	K20 -L419
S000 -S199	S540 -S599	M340 -N433
T019	S610 -S628	N700 -N889
M T028	S640 -S699	O000 -Q999
T029	S710 -S729	R02
T049	S740 -S799	R75
M T062	S810 -S829	R788

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    --- F071  ---      | --- F078 -F079  --- |    --- F09    ---
       CONTINUED       |      CONTINUED      |      CONTINUED
       S000 -Y899      |    R600 -R609       |    T144 -T329
                       |    R75              |    T340 -T349
    --- F072  ---      |  M S000 -Y899       |    T351 -T889
                       |                     |    T901 -T903
       F072            |    --- F09    ---   |  M T904
       S000 -S199      |                     |    T905
       T019            |    A000 -E899       |  M T908
  M    T028            |    F09              |    T909
       T029            |    G000 -G98        |  M T910
       T049            |    I00  -J989       |    T911 -T915
  M    T062            |    K20  -L109       |  M T918
  M    T064            |    L120 -L449       |    T919 -T922
       T07  -T08       |    L510 -L599       |    T924 -T926
       T093 -T094      |    L710 -L719       |  M T928
       T140 -T149      |    L88              |    T929 -T932
       T200 -T207      |    L920             |    T934 -T936
       T340 -T341      |    L928 -L932       |  M T938
       T350 -T352      |    L951             |    T939
       T66  -T68       |    L980 -L981       |  M T940 -T953
       T698 -T758      |    M000 -N459       |    T954
       T790 -T799      |    N490 -N809       |  M T958 -T959
       T900 -T911      |    N950 -N959    *  |    T96  -Y899
       T913            |    N990 -N992       |
       T918 -T919      |    N994 -Q999       | --- F100 -F101  ---
       T940 -T950      |    R54              |
       T958 -T959      |    R75              |    F100 -F109
       T981 -T982      |    S010 -S029       |
       V010 -Y872      |    S040 -S050       |    --- F102  ---
                       |    S052 -S099       |
  --- F078 -F079  ---  |    S110 -S129       |
                       |    S140 -S199       |    F102
       A000 -F328      |    S210 -S229       | --- F103 -F109  ---
       F339 -F489      |    S240 -S299       |
       F530 -F639      |    S310 -S328       |    F100 -F109
       F680 -F69       |    S340 -S399       |
       F99  -G98       |    S410 -S429       |    --- F110  ---
       H600 -H709      |    S440 -S499       |
       H720 -H739      |    S510 -S529       |    F110 -F119
       I00  -I309      |    S540 -S599       |    F190 -F199
       I340 -I38       |    S610 -S628       |    Y450
       I420 -J80       |    S640 -S699       |
       J82  -J989      |    S710 -S729       |    --- F111  ---
       K7290           |    S740 -S799       |
       M300 -M359      |    S810 -S829       |    F111
       N000 -N399      |    S840 -S899       |    F191
       N990 -N992      |    S910 -S929       |    Y450
       N994 -N999      |    S940 -S999       |
       Q000 -Q079      |    T012 -T029       |    --- F112  ---
       Q851            |    T041 -T08        |
       R02             |    T091             |    F112
       R042 -R048      |    T093 -T10        |    F192
       R060 -R065      |    T111             |    Y450
  M    R068            |    T113 -T12        |
       R090 -R091      |    T131             |    --- F113  ---
       R291            |    T133 -T139       |
       R54             |    T141 -T142       |    F110 -F119
```

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     --- F113  ---      |     --- F131  ---      |      --- F145  ---
       CONTINUED        |                        |        CONTINUED
      F190 -F199        |      F131              |      M Y483
      Y450              |      F191              |
                        |      Y470 -Y479        |  --- F148 -F149  ---
     --- F115  ---      |                        |
                        |     --- F132  ---      |      F140 -F149
      F110 -F119        |                        |      F190 -F199
      F190 -F199        |      F132              |      M Y483
      Y450              |      F192              |
                        |      Y470 -Y479        |     --- F150  ---
 --- F118 -F119  ---    |                        |
                        |     --- F133  ---      |      F150 -F159
      F110 -F119        |                        |      F190 -F199
      F190 -F199        |      F130 -F139        |      Y500 -Y509
      Y450              |      F190 -F199        |
                        |      Y470 -Y479        |     --- F151  ---
     --- F120  ---      |                        |
                        |     --- F135  ---      |      F151
      F120 -F129        |                        |      F191
      F190 -F199        |      F130 -F139        |      Y500 -Y509
      Y496              |      F190 -F199        |
                        |      Y470 -Y479        |     --- F152  ---
     --- F121  ---      |                        |
                        | --- F138 -F139  ---    |      F152
      F121              |                        |      F192
      F191              |      F130 -F139        |      Y500 -Y509
      Y496              |      F190 -F199        |
                        |      Y470 -Y479        |     --- F153  ---
     --- F122  ---      |                        |
                        |     --- F140  ---      |      F150 -F159
      F122              |                        |      F190 -F199
      F192              |      F140 -F149        |      Y500 -Y509
      Y496              |      F190 -F199        |
                        |    M Y483              |     --- F155  ---
     --- F123  ---      |                        |
                        |     --- F141  ---      |      F150 -F159
      F120 -F129        |                        |      F190 -F199
      F190 -F199        |      F141              |      Y500 -Y509
      Y496              |      F191              |
                        |    M Y483              | --- F158 -F159  ---
     --- F125  ---      |                        |
                        |     --- F142  ---      |      F150 -F159
      F120 -F129        |                        |      F190 -F199
      F190 -F199        |      F142              |      Y500 -Y509
      Y496              |      F192              |
                        |    M Y483              |     --- F160  ---
 --- F128 -F129  ---    |                        |
                        |     --- F143  ---      |      F160 -F169
      F120 -F129        |                        |      F190 -F199
      F190 -F199        |      F140 -F149        |      Y496
      Y496              |      F190 -F199        |
                        |    M Y483              |     --- F161  ---
     --- F130  ---      |                        |
                        |     --- F145  ---      |      F161
      F130 -F139        |                        |      F191
      F190 -F199        |      F140 -F149        |      Y496
      Y470 -Y479        |      F190 -F199        |
```

```
   --- F162  ---      |    --- F191  ---     |    --- F194   ---
                      |      CONTINUED       |
     F162             |  M F102              |    M F102
     F192             |    F111              |      F194
     Y496             |    F121              |
                      |    F131              |    --- F195   ---
   --- F163  ---      |    F141              |
                      |    F151              |    M F102
   F160 -F169         |    F161              |      F103
   F190 -F199         |    F171              |      F105
     Y496             |    F181              |      F108 -F109
                      |    F191              |      F113
   --- F165  ---      |                      |      F115
                      |    --- F192  ---     |      F118 -F119
   F160 -F169         |                      |      F123
   F190 -F199         |    F102              |      F125
     Y496             |    F112              |      F128 -F129
                      |    F122              |      F135
--- F168 -F169  ---   |    F132              |      F138 -F139
                      |    F142              |      F143
   F160 -F169         |    F152              |      F145
   F190 -F199         |    F162              |      F148 -F149
     Y496             |    F172              |      F153
                      |    F182              |      F155
   --- F170  ---      |    F192              |      F158 -F159
                      |                      |      F163
   F170 -F179         |    --- F193  ---     |      F165
                      |                      |      F168 -F169
   --- F171  ---      |  M F102              |      F173
                      |    F103              |      F175
   F171 -F179         |    F105              |      F178 -F179
                      |    F108 -F109        |      F183
   --- F172  ---      |    F113              |      F185
                      |    F115              |      F188 -F199
     F172             |    F118 -F119        |      Y400 -Y599
     F192             |    F123              |
                      |    F125              |    --- F196   ---
   --- F173  ---      |    F128 -F129        |
                      |    F135              |    M F102
     F173             |    F138 -F139        |      F196
   F177 -F179         |    F143              |
                      |    F145              |    --- F197   ---
   --- F175  ---      |    F148 -F149        |
                      |    F153              |    M F102
     F175             |    F155              |      F197
   F177 -F179         |    F158 -F159        |
                      |    F163              |  --- F198 -F199   ---
--- F178 -F179  ---   |    F165              |
                      |    F168 -F169        |    M F102
   F177 -F179         |    F173              |      F103
                      |    F175              |      F105
   --- F190  ---      |    F178 -F179        |      F108 -F109
                      |    F183              |      F113
   F100 -F199         |    F185              |      F115
                      |    F188 -F199        |      F118 -F119
   --- F191  ---      |    Y400 -Y599        |      F123
                      |                      |      F125
     F101             |                      |      F128 -F129
```

```
--- F198 -F199 --- | --- F228 -F229 --- |   --- F29    ---
       CONTINUED    |       CONTINUED     |       CONTINUED
       F135         |       R54           |    L510 -L599
       F138 -F139   |                     |    L710 -L719
       F143         |    --- F230   ---   |    L88
       F145         |                     |    L920
       F148 -F149   |       F230          |    L928 -L932
       F153         |                     |    L951
       F155         |    --- F231   ---   |    L980 -L981
       F158 -F159   |                     |    M000 -N459
       F163         |       F231          |    N490 -N809
       F165         |                     |    N990 -N992
       F168 -F169   |    --- F232   ---   |    N994 -Q999
       F173         |                     |    R75
       F175         |       F232          |    S010 -S029
       F178 -F179   |                     |    S040 -S050
       F183         |    --- F233   ---   |    S052 -S099
       F185         |                     |    S110 -S129
       F188 -F199   |       F233          |    S140 -S199
       Y400 -Y599   |    M R54            |    S210 -S229
                    |                     |    S240 -S299
--- F200 -F202 --- |    --- F238   ---   |    S310 -S328
                    |                     |    S340 -S399
       F200 -F209   |       F238          |    S410 -S429
                    |                     |    S440 -S499
    --- F203   ---  |    --- F239   ---   |    S510 -S529
                    |                     |    S540 -S599
       F200 -F209   |       F239          |    S610 -S628
       R54          |       F449          |    S640 -S699
                    |                     |    S710 -S729
--- F204 -F209 --- |    --- F24    ---   |    S740 -S799
                    |                     |    S810 -S829
       F200 -F209   |       F220 -F229    |    S840 -S899
                    |       F24           |    S910 -S929
    --- F21    ---  |                     |    S940 -S999
                    | --- F250 -F259  --- |    T012 -T029
       F21          |                     |    T041 -T08
                    |       F250 -F259    |    T091
    --- F220   ---  |                     |    T093 -T10
                    |    --- F28    ---   |    T111
       F100 -F109   |                     |    T113 -T12
    M F119          |    M F119           |    T131
    M F129          |    M F129           |    T133 -T139
    M F139          |    M F139           |    T141 -T142
    M F149          |    M F149           |    T144 -T329
    M F159          |    M F159           |    T340 -T349
    M F169          |    M F169           |    T351 -T889
    M F179          |    M F179           |    T901 -T903
    M F189          |    M F189           |  M T904
    M F199          |    M F199           |    T905
       F209         |       F28           |  M T908
       F220 -F229   |                     |    T909
       R54          |    --- F29    ---   |  M T910
                    |                     |    T911 -T915
--- F228 -F229 --- |       A000 -G98     |  M T918
                    |       I00  -J989    |    T919 -T922
       F100 -F109   |       K20  -L109    |    T924 -T926
       F220 -F229   |       L120 -L449    |  M T928
```

```
                             TABLE D
             CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


    --- F29  ---      |    --- F320  ---     |    --- F329  ---
       CONTINUED      |       CONTINUED      |
       T929 -T932     |  M S000 -T983        |     A000 -G98
       T934 -T936     |                      |     I00  -J989
    M T938            |     --- F321  ---     |     K20  -L109
       T939           |                      |     L120 -L449
    M T940 -T953      |     E160 -E162       |     L510 -L599
       T954           |     E891            |     L710 -L719
    M T958 -T959      |     F010 -F069       |     L88
       T96  -Y899     |     F09              |     L920
                      |  M F100 -F199        |     L928 -L932
  --- F300 -F308  --- |     F200 -F319       |     L951
                      |     F321             |     L980 -L981
       E160 -E162     |     F330 -F339       |     M000 -N459
       E891           |  M R54              |     N490 -N809
       F010 -F069     |  M S000 -T983        |     N990 -N992
       F09            |                      |     N994 -Q999
    M F100 -F199      |     --- F322  ---     |     R54
       F200 -F319     |                      |     R75
       F330 -F339     |     E160 -E162       |     S010 -S029
    M R54             |     E891             |     S040 -S050
    M S000 -T983      |     F010 -F069       |     S052 -S099
                      |     F09              |     S110 -S129
     --- F309  ---     |  M F100 -F199        |     S140 -S199
                      |     F200 -F319       |     S210 -S229
       E160 -E162     |     F322             |     S240 -S299
       E891           |     F330 -F339       |     S310 -S328
       F010 -F069     |  M R54               |     S340 -S399
       F09            |  M S000 -T983        |     S410 -S429
    M F100 -F199      |                      |     S440 -S499
       F200 -F319     |     --- F323  ---     |     S510 -S529
       F330 -F339     |                      |     S540 -S599
       F449           |     E160 -E162       |     S610 -S628
    M R54             |     E891             |     S640 -S699
    M S000 -T983      |     F010 -F069       |     S710 -S729
                      |     F09              |     S740 -S799
  --- F310 -F319  --- |  M F100 -F199        |     S810 -S829
                      |     F200 -F319       |     S840 -S899
       E160 -E162     |     F323             |     S910 -S929
       E891           |     F330 -F339       |     S940 -S999
       F010 -F069     |  M R54               |     T012 -T029
       F09            |  M S000 -T983        |     T041 -T08
    M F100 -F199      |                      |     T091
       F200 -F319     |     --- F328  ---     |     T093 -T10
       F330 -F339     |                      |     T111
    M R54             |     E160 -E162       |     T113 -T12
    M S000 -T983      |     E891             |     T131
                      |     F010 -F069       |     T133 -T139
     --- F320  ---     |     F09              |     T141 -T142
                      |  M F100 -F199        |     T144 -T329
       E160 -E162     |     F200 -F319       |     T340 -T349
       E891           |     F328             |     T351 -T889
       F010 -F069     |     F330 -F339       |     T901 -T903
       F09            |  M R54               |  M T904
    M F100 -F199      |  M S000 -T983        |     T905
       F200 -F320     |                      |  M T908
       F330 -F339     |                      |     T909
    M R54             |                      |  M T910
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  --- F329 ---      |    --- F341 ---      |    --- F348  ---
     CONTINUED      |       CONTINUED      |       CONTINUED
     T911 -T915     |     S310 -S328       |   M R54
  M T918            |     S340 -S399       |   M S000 -T983
     T919 -T922     |     S410 -S429       |
     T924 -T926     |     S440 -S499       |     --- F349  ---
  M T928            |     S510 -S529       |
     T929 -T932     |     S540 -S599       |     E160 -E162
     T934 -T936     |     S610 -S628       |     E891
  M T938            |     S640 -S699       |     F010 -F069
     T939           |     S710 -S729       |     F09
  M T940 -T953      |     S740 -S799       |   M F100 -F199
     T954           |     S810 -S829       |     F200 -F319
  M T958 -T959      |     S840 -S899       |     F330 -F339
     T96  -Y899     |     S910 -S929       |     F349
                    |     S940 -S999       |   M R54
  --- F330 -F339 ---|     T012 -T029       |   M S000 -T983
                    |     T041 -T08        |
     E160 -E162     |     T091            |     --- F380  ---
     E891           |     T093 -T10        |
     F010 -F069     |     T111            |     E160 -E162
     F09            |     T113 -T12        |     E891
  M F100 -F199      |     T131            |     F010 -F069
     F200 -F319     |     T133 -T139       |     F09
     F330 -F339     |     T141 -T142       |   M F100 -F199
  M R54             |     T144 -T329       |     F200 -F319
  M S000 -T983      |     T340 -T349       |     F330 -F339
                    |     T351 -T889       |     F380
    --- F340  ---   |     T901 -T903       |   M R54
                    |   M T904            |   M S000 -T983
                    |     T905           |
     F340           |   M T908            |     --- F381  ---
                    |     T909           |
    --- F341  ---   |   M T910            |     E160 -E162
                    |     T911 -T915       |     E891
     A000 -G98      |   M T918            |     F010 -F069
     I00  -J989     |     T919 -T922       |     F09
     K20  -L109     |     T924 -T926       |   M F100 -F199
     L120 -L449     |   M T928            |     F200 -F319
     L510 -L599     |     T929 -T932       |     F330 -F339
     L710 -L719     |     T934 -T936       |     F381
     L88            |   M T938            |   M R54
     L920           |     T939           |   M S000 -T983
     L928 -L932     |   M T940 -T953      |
     L951           |     T954           |     --- F388  ---
     L980 -L981     |   M T958 -T959      |
     M000 -N459     |     T96  -Y899      |     E160 -E162
     N490 -N809     |                     |     E891
     N990 -N992     |    --- F348  ---    |     F010 -F069
     N994 -Q999     |                     |     F09
     R54            |     E160 -E162      |   M F100 -F199
     R75            |     E891            |     F200 -F319
     S010 -S029     |     F010 -F069      |     F330 -F339
     S040 -S050     |     F09            |     F388
     S052 -S099     |   M F100 -F199      |   M R54
     S110 -S129     |     F200 -F319      |   M S000 -T983
     S140 -S199     |     F330 -F339      |
     S210 -S229     |     F348            |
     S240 -S299     |                     |
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     --- F39  ---      |    --- F419  ---     |    --- F431  ---
                       |       CONTINUED      |
      E160 -E162       |     F123 -F130       |      F431
      E891             |     F133 -F150       |      S000 -Y899
      F010 -F069       |     F153 -F160       |
      F09              |     F163 -F169       |    --- F432  ---
  M F100 -F199         |     F179 -F180       |
      F200 -F319       |     F183 -F190       |      F432
      F330 -F339       |     F193 -F349       |      S000 -Y899
      F39              |     F400 -F429       |
  M R54                |     F440 -F449       |  --- F438 -F439  ---
  M S000 -T983         |     F452             |
                       |     F480 -F489       |      A000 -G98
                       |     F840 -F849       |      I00  -J989
  --- F400 -F409  ---  |                      |      K20  -L109
                       |  --- F420 -F429  ---  |      L120 -L449
      F010 -F069       |                      |      L510 -L569
      F09  -F100       |                      |      L580 -L599
      F103 -F110       |     F010 -F069       |      L710 -L719
      F113 -F120       |     F09  -F100       |      L88
      F123 -F130       |     F103 -F110       |      L920
      F133 -F150       |     F113 -F120       |      L928 -L932
      F153 -F160       |     F123 -F130       |      L945 -L949
      F163 -F169       |     F133 -F150       |      L951
      F180             |     F153 -F160       |      L980 -L981
      F183 -F190       |     F163 -F169       |  M L982 -L984
      F193 -F328       |     F180             |  M L988 -L989
      F330 -F349       |     F183 -F190       |      M000 -N459
      F400 -F429       |     F193 -F328       |      N490 -N809
      F440 -F449       |     F330 -F349       |      N990 -N992
      F452             |     F400 -F429       |      N994 -Q999
      F480 -F489       |     F440 -F449       |      R75
      F840 -F849       |     F452             |      S000 -Y899
                       |     F480 -F489       |
  --- F410 -F418  ---  |     F840 -F849       |  --- F440 -F449  ---
                       |                      |
      F010 -F069       |    --- F430  ---      |      F010 -F069
      F09  -F100       |                      |      F09  -F100
      F103 -F110       |     A000 -G98        |      F103 -F110
      F113 -F120       |     I00  -J989       |      F113 -F120
      F123 -F130       |     K20  -L109       |      F123 -F130
      F133 -F150       |     L120 -L449       |      F133 -F150
      F153 -F160       |     L510 -L569       |      F153 -F160
      F163 -F169       |     L580 -L599       |      F163 -F169
      F180             |     L710 -L719       |      F180
      F183 -F190       |     L88             |      F183 -F190
      F193 -F349       |     L920            |      F193 -F328
      F400 -F429       |     L928 -L932       |      F330 -F349
      F440 -F449       |     L945 -L949       |      F400 -F429
      F452             |     L951            |      F440 -F449
      F480 -F489       |     L980 -L981       |      F452
      F840 -F849       |   M L982 -L984       |      F480 -F489
                       |   M L988 -L989       |      F840 -F849
      --- F419  ---    |     M000 -N459       |
                       |     N490 -N809       |  --- F450 -F459  ---
      F010 -F069       |     N990 -N992       |
      F09  -F100       |     N994 -Q999       |      A000 -G98
      F103 -F110       |     R75             |      I00  -J989
      F113 -F120       |     S000 -Y899       |
```

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                              TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


--- F450 -F459  --- | --- F450 -F459  --- | --- F481 -F488  ---
      CONTINUED      |       CONTINUED      |       CONTINUED
   K20  -L109        |    T919 -T922        |    F480 -F489
   L120 -L449        |    T924 -T926        |    F840 -F849
   L510 -L599        |  M T928              |
   L710 -L719        |    T929 -T932        |    --- F489  ---
   L88               |    T934 -T936        |
   L920              |  M T938              |    F010 -F069
   L928 -L932        |    T939              |    F09  -F100
   L951              |  M T940 -T953        |    F103 -F110
   L980 -L981        |    T954              |    F113 -F120
   M000 -N459        |  M T958 -T959        |    F123 -F130
   N490 -N809        |    T96  -Y899        |    F133 -F150
   N990 -N992        |                      |    F153 -F160
   N994 -Q999        |    --- F480  ---     |    F163 -F169
   R54               |                      |    F180
   R75               |    A000 -G98         |    F183 -F190
   S010 -S029        |    H600 -H709        |    F193 -F328
   S040 -S050        |    H720 -H739        |    F330 -F349
   S052 -S099        |    I00  -J989        |    F400 -F429
   S110 -S129        |    K20  -L109        |    F440 -F449
   S140 -S199        |    L120 -L449        |    F452
   S210 -S229        |    L510 -L599        |    F480 -F489
   S240 -S299        |    L710 -L719        |    F840 -F849
   S310 -S328        |    L88               |    R54
   S340 -S399        |    L920              |
   S410 -S429        |    L928              |    --- F500  ---
   S440 -S499        |    L951              |
   S510 -S529        |    L980 -L981        |  M C000 -D489
   S540 -S599        |    M000 -N459        |    E280 -E289
   S610 -S628        |    N600 -N959        |    E894
   S640 -S699        |    N990 -Q079        |    F010 -F03
   S710 -S729        |    Q200 -Q349        |    F067
   S740 -S799        |    Q410 -Q649        |  M F068 -F069
   S810 -S829        |    Q900 -R825        |    F079 -F109
   S840 -S899        |  M R826             |    F111 -F112
   S910 -S929        |    R827 -R892        |    F121 -F122
   S940 -S999        |  M R893             |    F131 -F132
   T012 -T029        |    R894 -R961        |    F141 -F142
   T041 -T08         |    R98  -T983        |    F151 -F152
   T091             |                       |    F161 -F162
   T093 -T10         | --- F481 -F488  --- |    F170 -F179
   T111             |                       |    F181 -F182
   T113 -T12         |    F010 -F069        |    F191 -F192
   T131             |    F09  -F100         |    F200 -F319
   T133 -T139        |    F103 -F110        |    F329 -F429
   T141 -T142        |    F113 -F120        |    F440 -F449
   T144 -T329        |    F123 -F130        |    F480 -F500
   T340 -T349        |    F133 -F150        |    F520 -F524
   T351 -T889        |    F153 -F160        |    F526 -F529
   T901 -T903        |    F163 -F169        |    F55
 M T904             |    F180               |    F600 -F629
   T905             |    F183 -F190         |    F640 -F688
 M T908             |    F193 -F328         |  M F69
   T909             |    F330 -F349         |    F99
 M T910             |    F400 -F429         |    I600 -I698
   T911 -T915        |    F440 -F449        |
 M T918             |    F452               |
                              D-128   (10-04)
```

```
--- F501 -F505  --- | --- F501 -F505  --- |  --- F508   ---
                    |       CONTINUED     |     CONTINUED
      A000 -G98     |     T911 -T915      |    T012 -T029
      I00  -J989    |   M T918            |    T041 -T08
      K20  -L109    |     T919 -T922      |    T091
      L120 -L449    |     T924 -T926      |    T093 -T10
      L510 -L599    |   M T928            |    T111
      L710 -L719    |     T929 -T932      |    T113 -T12
      L88           |     T934 -T936      |    T131
      L920          |   M T938            |    T133 -T139
      L928 -L932    |     T939            |    T141 -T142
      L945 -L949    |   M T940 -T953      |    T144 -T329
      L951          |     T954            |    T340 -T349
      L980 -L981    |   M T958 -T959      |    T351 -T889
      M000 -N459    |     T96  -Y899      |    T901 -T903
      N490 -N809    |                     |  M T904
      N990 -N992    |                     |    T905
      N994 -Q999    |     --- F508  ---   |  M T908
      R75           |                     |    T909
      S010 -S029    |     A000 -G98       |  M T910
      S040 -S050    |     I00  -J989      |    T911 -T915
      S052 -S099    |     K20  -L109      |  M T918
      S110 -S129    |     L120 -L449      |    T919 -T922
      S140 -S199    |     L510 -L599      |    T924 -T926
      S210 -S229    |     L710 -L719      |  M T928
      S240 -S299    |     L88             |    T929 -T932
      S310 -S328    |     L920            |    T934 -T936
      S340 -S399    |     L928 -L932      |  M T938
      S410 -S429    |     L945 -L949      |    T939
      S440 -S499    |     L951            |  M T940 -T953
      S510 -S529    |     L980 -L981      |    T954
      S540 -S599    |     M000 -N459      |  M T958 -T959
      S610 -S628    |     N490 -N809      |    T96  -Y899
      S640 -S699    |     N990 -N992      |
      S710 -S729    |     N994 -Q999      |    --- F509  ---
      S740 -S799    |     R628            |
      S810 -S829    |     R64             |    A000 -G98
      S840 -S899    |     R75             |    I00  -J989
      S910 -S929    |     S010 -S029      |    K20  -L109
      S940 -S999    |     S040 -S050      |    L120 -L449
      T012 -T029    |     S052 -S099      |    L510 -L599
      T041 -T08     |     S110 -S129      |    L710 -L719
      T091          |     S140 -S199      |    L88
      T093 -T10     |     S210 -S229      |    L920
      T111          |     S240 -S299      |    L928 -L932
      T113 -T12     |     S310 -S328      |    L945 -L949
      T131          |     S340 -S399      |    L951
      T133 -T139    |     S410 -S429      |    L980 -L981
      T141 -T142    |     S440 -S499      |    M000 -N459
      T144 -T329    |     S510 -S529      |    N490 -N809
      T340 -T349    |     S540 -S599      |    N990 -N992
      T351 -T889    |     S610 -S628      |    N994 -Q999
      T901 -T903    |     S640 -S699      |    R75
    M T904          |     S710 -S729      |    S010 -S029
      T905          |     S740 -S799      |    S040 -S050
    M T908          |     S810 -S829      |    S052 -S099
      T909          |     S840 -S899      |    S110 -S129
    M T910          |     S910 -S929      |    S140 -S199
                    |     S940 -S999      |
```

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   --- F509  ---      |    --- F522  ---     |      --- F531   ---
     CONTINUED        |                      |         CONTINUED
    S210 -S229        |     F522             |       R75
    S240 -S299        |                      |
    S310 -S328        |    --- F523  ---     |      --- F55   ---
    S340 -S399        |                      |
    S410 -S429        |     F523             |       F55
    S440 -S499        |                      |     M Y400 -Y599
    S510 -S529        |    --- F524  ---     |
    S540 -S599        |                      |      --- F601  ---
    S610 -S628        |     F524             |
    S640 -S699        |                      |       F601
    S710 -S729        |    --- F526  ---     |
    S740 -S799        |                      |      --- F602  ---
    S810 -S829        |     F526             |
    S840 -S899        |                      |       F602
    S910 -S929        |    --- F527  ---     |
    S940 -S999        |                      |      --- F603  ---
    T012 -T029        |     F527             |
    T041 -T08         |                      |       F603
    T091              |    --- F528  ---     |
    T093 -T10         |                      |      --- F604  ---
    T111              |     F528             |
    T113 -T12         |                      |       F604
    T131              |    --- F529  ---     |
    T133 -T139        |                      |      --- F605  ---
    T141 -T142        |     F529             |
    T144 -T329        |                      |       F605
    T340 -T349        |    --- F531  ---     |
    T351 -T889        |                      |      --- F606  ---
    T901 -T903        |     A000 -B99        |
  M T904              |     E000 -F069       |       F606
    T905              |     F09              |
  M T908              |     F200 -F349       |      --- F607  ---
    T909              |     F531             |
  M T910              |     F840 -F849       |       F607
    T911 -T915        |     G000 -G09        |
  M T918              |     H600 -H709       |      --- F608  ---
    T919 -T922        |     I00  -I019       |
    T924 -T926        |     J100 -J189       |       F608
  M T928              |     J300 -J329       |
    T929 -T932        |     J340 -J341       |      --- F609  ---
    T934 -T936        |     J348 -J350       |
  M T938              |     J36  -J371       |       F609
    T939              |     J385 -J392       |
  M T940 -T953        |     J40  -J42        |      --- F61   ---
    T954              |     N000 -N10        |
  M T958 -T959        |     N12              |       F61
    T96  -Y899        |     N136             |
                      |     N140 -N159       |      --- F620  ---
   --- F520  ---      |   M N288             |
                      |     N300 -N309       |       F620
     F520             |     N340 -N343       |
                      |     N351             |      --- F621  ---
   --- F521  ---      |     N410 -N419       |
                      |     N450 -N459       |       F621
     F521             |     N61              |
                      |     N700 -N809       |
```

--- F628 ---	--- F651 ---	--- F70 ---
F628	F651	CONTINUED A278 -A279
		A390 -A399
--- F629 ---	--- F652 ---	A500 -A509
		A521 -A523
F629	F652	A529 -A539
		A800 -A819
--- F630 ---	--- F653 ---	A830 -A89
		A91 -A924
F630	F653	M A928 -A929
		A930 -A932
--- F631 ---	--- F654 ---	M A938
		A94
F631	F654	A980 -A984
		M A988
--- F632 ---	--- F655 ---	B010 -B019
		B03
F632	F655	B050 -B069
		B580 -B589
--- F633 ---	--- F656 ---	B900
		B902
F633	F656	B91
		B940 -B941
--- F638 ---	--- F658 ---	B948 -B949
		C410
F638	F658	C412
		C431 -C434
--- F639 ---	--- F659 ---	C441 -C444
		C700 -C759
F639	F659	C793 -C794
		C80 -C902
--- F640 ---	--- F680 ---	D330 -D359
		D420 -D449
F640	F010 -F069	E030 -E0390
	F09	E160 -E162
--- F641 ---	F109 -F319	E700 -E891
	F330 -F349	F102
F641	F400 -F429	F112
	F440 -F449	F122
--- F642 ---	F452	F132
	F480 -F489	F142
F642	F680	F152
	F840 -F849	F162
--- F648 ---		F172
		F182
F648	--- F688 ---	F192
		F70 -F79
--- F649 ---	F688	G000 -G09
		G20 -G219
F649	--- F69 ---	G300 -G319
		G360 -G419
--- F650 ---	F69	G800 -G809
		G930 -G939
F650	--- F70 ---	I600 -I698
		J118
	A170 -A179	P020 -P039
	M A180	P100 -P129
	A185 -A186	

```
    --- F70   ---      |    --- F71   ---      |   --- F72  -F73    ---
       CONTINUED       |       CONTINUED       |        CONTINUED
      P200 -P509       |      D420 -D449       |      A830 -A89
      P520 -P529       |      E030 -E0390      |      A91  -A924
      P550 -P560       |      E160 -E162       |    M A928 -A929
      P570             |      E700 -E891       |      A930 -A932
      P700 -P749       |      F102             |    M A938
      Q000 -Q079       |      F112             |      A94
      Q670 -Q674       |      F122             |      A980 -A984
      Q900 -Q999       |      F132             |    M A988
      R400 -R402       |      F142             |      B010 -B019
      R440 -R448       |      F152             |      B03
      R500 -R509       |      F162             |      B050 -B069
      R55  -R568       |      F172             |      B580 -B589
      S020 -S029       |      F182             |      B900
      S060 -S079       |      F192             |      B902
      T360 -T670       |      F70  -F79        |      B91
      T703             |      G000 -G09        |      B940 -B941
      T96  -T97        |      G20  -G219       |      B948 -B949
      X40  -X49        |      G300 -G319       |      C410
      Y400 -Y599       |      G360 -G419       |      C412
                       |      G800 -G809       |      C431 -C434
    ---  F71   ---     |      G930 -G939       |      C441 -C444
                       |      I600 -I698       |      C700 -C759
      A170 -A179       |      J118             |      C793 -C794
    M A180             |      P020 -P039       |      C80  -C902
      A185 -A186       |      P100 -P129       |      D330 -D359
      A278 -A279       |      P200 -P509       |      D420 -D449
      A390 -A399       |      P520 -P529       |      E030 -E0390
      A500 -A509       |      P550 -P560       |      E160 -E162
      A521 -A523       |      P570             |      E700 -E891
      A529 -A539       |      P700 -P749       |      F102
      A800 -A819       |      Q000 -Q079       |      F112
      A830 -A89        |      Q670 -Q674       |      F122
      A91  -A924       |      Q900 -Q999       |      F132
    M A928 -A929       |      R400 -R402       |      F142
      A930 -A932       |      R440 -R448       |      F152
    M A938             |      R500 -R509       |      F162
      A94              |      R54  -R568       |      F172
      A980 -A984       |      S020 -S029       |      F182
    M A988             |      S060 -S079       |      F192
      B010 -B019       |      T360 -T670       |      F70  -F79
      B03              |      T703             |      G000 -G09
      B050 -B069       |      T96  -T97        |      G20  -G219
      B580 -B589       |      X40  -X49        |      G300 -G319
      B900             |      Y400 -Y599       |      G360 -G419
      B902             |                       |      G800 -G809
      B91              | --- F72  -F73    --- |      G930 -G939
      B940 -B941       |                       |      I600 -I698
      B948 -B949       |                       |      J118
      C410             |      A170 -A179       |      P020 -P039
      C412             |    M A180             |      P100 -P129
      C431 -C434       |      A185 -A186       |      P200 -P509
      C441 -C444       |      A278 -A279       |      P520 -P529
      C700 -C759       |      A390 -A399       |      P550 -P560
      C793 -C794       |      A500 -A509       |      P570
      C80  -C902       |      A521 -A523       |      P700 -P749
      D330 -D359       |      A529 -A539       |      Q000 -Q079
                       |      A800 -A819       |
```

```
--- F72  -F73   --- |    --- F78   ---    |    --- F79    ---
     CONTINUED       |      CONTINUED      |      CONTINUED
   Q670 -Q674        |    F122             |    A980 -A984
   Q900 -Q999        |    F132             |  M A988
   R400 -R402        |    F142             |    B010 -B019
   R440 -R448        |    F152             |    B03
   R500 -R509        |    F162             |    B050 -B069
   R55  -R568        |    F172             |    B580 -B589
   S020 -S029        |    F182             |    B900
   S060 -S079        |    F192             |    B902
   T360 -T670        |    F70  -F79        |    B91
   T703              |    G000 -G09        |    B940 -B941
   T96  -T97         |    G20  -G219       |    B948 -B949
   X40  -X49         |    G300 -G319       |    C410
   Y400 -Y599        |    G360 -G419       |    C412
                     |    G800 -G809       |    C431 -C434
   --- F78   ---     |    G930 -G939       |    C441 -C444
                     |    I600 -I698       |    C700 -C759
   A170 -A179        |    J118             |    C793 -C794
 M A180              |    P000 -P039       |    C80  -C902
   A185 -A186        |    P100 -P129       |    D330 -D359
   A278 -A279        |    P159 -P509       |    D420 -D449
   A390 -A399        |    P520 -P529       |    E030 -E0390
   A500 -A509        |    P550 -P560       |    E160 -E162
   A521 -A523        |    P570             |    E700 -E891
   A529 -A539        |    P700 -P749       |    F102
   A800 -A819        |    Q000 -Q079       |    F112
   A830 -A89         |    Q670 -Q674       |    F122
   A91  -A924        |    Q900 -Q999       |    F132
 M A928 -A929        |    R400 -R402       |    F142
   A930 -A932        |    R440 -R448       |    F152
 M A938              |    R500 -R509       |    F162
   A94               |    R54  -R568       |    F172
   A980 -A984        |    S020 -S029       |    F182
 M A988              |    S060 -S079       |    F192
   B010 -B019        |    T360 -T670       |    F70  -F79
   B03               |    T703             |    G000 -G09
   B050 -B069        |    T96  -T97        |    G20  -G219
   B580 -B589        |    X40  -X49        |    G300 -G319
   B900              |    Y400 -Y599       |    G360 -G419
   B902              |                     |    G800 -G809
   B91               |    --- F79   ---    |    G930 -G939
   B940 -B941        |                     |    I600 -I698
   B948 -B949        |    A170 -A179       |    J118
   C410              |  M A180             |    P000 -P039
   C412              |    A185 -A186       |    P100 -P129
   C431 -C434        |    A278 -A279       |    P159 -P509
   C441 -C444        |    A390 -A399       |    P520 -P529
   C700 -C759        |    A500 -A509       |    P550 -P560
   C793 -C794        |    A521 -A523       |    P570
   C80  -C902        |    A529 -A539       |    P700 -P749
   D330 -D359        |    A800 -A819       |    Q000 -Q079
   D420 -D449        |    A830 -A89        |    Q670 -Q674
   E030 -E0390       |    A91  -A924       |    Q900 -Q999
   E160 -E162        |  M A928 -A929       |    R400 -R402
   E700 -E891        |    A930 -A932       |    R440 -R448
   F102              |  M A938             |    R500 -R509
   F112              |    A94              |    R55  -R568
```

```
    --- F79   ---      |    --- F82    ---     |    --- F843  ---
      CONTINUED        |      CONTINUED        |      CONTINUED
    S020 -S029         |    F182               |    G903
    S060 -S079         |    F192               |    G910 -G939
    T360 -T670         |    F70  -F79          |    Q000 -Q079
    T703               |    F82                |
    T96  -T97          |    G000 -G09          |  --- F848 -F849   ---
    X40  -X49          |    G20  -G219         |
    Y400 -Y599         |    G300 -G319         |    F840 -F849
                       |    G360 -G419         |
    --- F82   ---      |    G800 -G809         |    --- F89   ---
                       |    G930 -G939         |
    A170 -A179         |    I600 -I698         |    E45  -E46
  M A180               |    J118               |    F89
    A185 -A186         |    P020 -P039         |
    A278 -A279         |    P100 -P129         |    --- F910   ---
    A390 -A399         |    P200 -P509         |
    A500 -A509         |    P520 -P529         |    F910
    A521 -A523         |    P550 -P560         |
    A529 -A539         |    P570               |    --- F911   ---
    A800 -A819         |    P700 -P749         |
    A830 -A89          |    Q000 -Q079         |    F911
    A91  -A924         |    Q670 -Q674         |
  M A928 -A929         |    Q900 -Q999         |    --- F912   ---
    A930 -A932         |    R400 -R402         |
  M A938               |    R440 -R448         |    F912
    A94                |    R500 -R509         |
    A980 -A984         |    R55  -R568         |    --- F913   ---
  M A988               |    S020 -S029         |
    B010 -B019         |    S060 -S079         |    F913
    B03                |    T360 -T670         |
    B050 -B069         |    T703               |    --- F918   ---
    B580 -B589         |    T96  -T97          |
    B900               |    X40  -X49          |    F918
    B902               |    Y400 -Y599         |
    B91                |                       |    --- F919   ---
    B940 -B941         |    --- F840   ---      |
    B948 -B949         |                       |    F919
    C410               |    F840               |
    C412               |                       |    --- F920   ---
    C431 -C434         |    --- F841   ---      |
    C441 -C444         |                       |    F920
    C700 -C759         |    F840 -F849         |
    C793 -C794         |                       |    --- F928   ---
    C80  -C902         |    --- F843   ---      |
    D330 -D359         |                       |    F928
    D420 -D449         |    A800 -A809         |
    E030 -E0390        |    B010 -B019         |    --- F929   ---
    E160 -E162         |    B050 -B052         |
    E700 -E891         |    B059 -B060         |    F929
    F102               |    B069               |
    F112               |    E15  -E162         |    --- F930   ---
    F122               |  M E750 -E756         |
    F132               |    E891               |    F930
    F142               |    F840 -F849         |
    F152               |    G000 -G119         |    --- F931   ---
    F162               |    G230 -G419         |
    F172               |    G800 -G809         |    F931
```

--- F932 ---	--- F982 -F983 ---	--- F989 ---
	CONTINUED	
F932	S110 -S129	E889
	S140 -S199	F988 -F989
--- F933 ---	S210 -S229	G809
	S240 -S299	M I00 -I698
F933	S310 -S328	
	S340 -S399	--- F99 ---
--- F938 ---	S410 -S429	
	S440 -S499	A000 -G98
F938	S510 -S529	I00 -J989
	S540 -S599	K20 -L109
--- F939 ---	S610 -S628	L120 -L449
	S640 -S699	L510 -L599
F939	S710 -S729	L710 -L719
	S740 -S799	L88
--- F940 ---	S810 -S829	L920
	S840 -S899	L928 -L932
F940	S910 -S929	L951
	S940 -S999	L980 -L981
--- F941 ---	T012 -T029	M000 -N459
	T041 -T08	N490 -N809
F941	T091	N990 -N992
	T093 -T10	N994 -Q999
--- F942 ---	T111	R75
	T113 -T12	S010 -S029
F942	T131	S040 -S050
	T133 -T139	S052 -S099
--- F948 ---	T141 -T142	S110 -S129
	T144 -T329	S140 -S199
F948	T340 -T349	S210 -S229
	T351 -T889	S240 -S299
--- F949 ---	T901 -T903	S310 -S328
	M T904	S340 -S399
F949	T905	S410 -S429
	M T908	S440 -S499
--- F982 -F983 ---	T909	S510 -S529
	M T910	S540 -S599
A000 -G98	T911 -T915	S610 -S628
I00 -J989	M T918	S640 -S699
K20 -L109	T919 -T922	S710 -S729
L120 -L449	T924 -T926	S740 -S799
L510 -L599	M T928	S810 -S829
L710 -L719	T929 -T932	S840 -S899
L88	T934 -T936	S910 -S929
L920	M T938	S940 -S999
L928 -L932	T939	T012 -T029
L951	M T940 -T953	T041 -T08
L980 -L981	T954	T091
M000 -N459	M T958 -T959	T093 -T10
N490 -N809	T96 -Y899	T111
N990 -N992		T113 -T12
N994 -Q999	--- F988 ---	T131
R54		T133 -T139
R75	E889	T141 -T142
S010 -S029	F988	T144 -T329
S040 -S050	G809	T340 -T349
S052 -S099	M I00 -I698	T351 -T889

--- F99 ---	--- G000 -G040 ---	--- G060 -G062 ---
CONTINUED	CONTINUED	CONTINUED
T901 -T903	R788	D420 -D439
M T904	S000 -Y899	D45 -D479
T905		D482
M T908	--- G041 ---	D489
T909		E750 -E756
M T910	M A000 -B99	G000 -G09
T911 -T915	G041	H000 -H010
M T918	R75	H600 -H739
T919 -T922		I300 -I309
T924 -T926	--- G042 -G049 ---	I330 -I339
M T928		I400 -I409
T929 -T932	A000 -A418	I600 -I698
T934 -T936	M A419	I720
M T938	A420 -F489	J00 -J80
T939	F530 -F629	J82 -J989
M T940 -T953	F633 -F638	K040 -K056
T954	F680 -F79	K102 -K103
M T958 -T959	F803	K20 -K229
T96 -Y899	F840 -G419	L021 -L022
	G600 -H010	L032
--- G000 -G040 ---	H018 -H019	M L038
	H043 -H044	L040
A000 -A418	H050 -H051	M300 -M319
M A419	H058	M860 -M894
A420 -F489	H150 -H151	P350 -P399
F530 -F629	H200 -H209	Q000 -Q159
F633 -F638	H213	Q200 -Q289
F680 -F79	H300 -H309	Q674
F803	H331	Q750 -Q769
F840 -G419	H353	R75
G600 -H010	H440 -H441	S010 -S299
H018 -H019	H600 -H739	T800 -T909
H043 -H044	H950 -J80	M T910 -T919
H050 -H051	J82 -J989	V010 -Y899
H058	K040 -K069	
H150 -H151	K091 -K099	--- G08 ---
H200 -H209	K102 -K116	
H213	K120 -K122	A000 -A418
H300 -H309	K140	M A419
H331	K20 -L419	A420 -F489
H353	M340 -N433	F530 -F629
H440 -H441	N700 -N889	F633 -F638
H600 -H739	O000 -Q999	F680 -F79
H950 -J80	R02	F803
J82 -J989	R75	F840 -G419
K040 -K069	R788	G600 -H010
K091 -K099	S000 -Y899	H018 -H019
K102 -K116		H043 -H044
K120 -K122	--- G060 -G062 ---	H050 -H051
K140		H058
K20 -L419	A000 -A014	H150 -H151
M340 -N433	A060 -A069	H200 -H209
N700 -N889	A169 -A179	H213
O000 -Q999	M A180	H300 -H309
R02	A200 -C97	H331
R75	D320 -D339	H353

--- G08 ---	--- G09 ---	--- G122 -G1220 ---
CONTINUED	CONTINUED	CONTINUED
H440 -H441	M S010 -S299	M C700
H600 -H739	M T800 -T919	M C715
H950 -J80	M V010 -Y899	M C717
J82 -J989		M C719
K040 -K069	--- G10 ---	M C793
K091 -K099		M C798
K102 -K116	G10	M D320
K120 -K122		M D330 -D332
K140	--- G110 ---	M D361
K20 -L419		M D420
M340 -N433	G110	M D430 -D432
N700 -N889		M D482
O000 -Q999	--- G111 ---	G122 -G1220
R02		M G20 -G219
R75	G111	M G35 -G379
R788		M G800 -G809
S000 -Y899	--- G112 ---	M I600 -I698
--- G09 ---	G110 -G119	--- G128 ---
	G312 -G319	
M A000 -A014		G128
M A060 -A069	--- G113 ---	
M A169 -A180		--- G129 ---
M A200 -C97	G110 -G119	
M D320 -D339	G312 -G319	G129
M D420 -D439	Y400 -Y599	
M D45 -D479		--- G20 -G2000 ---
M D482	--- G114 ---	
M D489		M A170 -A179
M E750 -E756	G114	M A504 -A539
M G000 -G08		M A810 -A819
G09	--- G118 ---	M A830 -A89
M H000 -H010		M B900
M H600 -H739	G118	M B902
M I300 -I309		M B91
M I330 -I339	--- G119 ---	M B941
M I400 -I409		M B949
M I600 -I698	M A810	M G000 -G062
M I720	M F100 -F109	M G09
M J00 -J80	G119	G20 -G2000
M J82 -J989		M I672 -I673
M K040 -K056	--- G120 ---	M I698
M K102 -K103		I700 -I708
M K20 -K229	G120	M I709
M L021 -L022		M I950 -I959
M L032	--- G121 ---	M S017 -Y899
M L038		
M L040	G121	--- G210 ---
M M300 -M319		
M M860 -M894	--- G122 -G1220 ---	G210
M P350 -P399		T428
M Q000 -Q159	M A521	T433 -T435
M Q200 -Q289	M A539	T983
M Q674	M A810 -A819	X41
M Q750 -Q769	M B900 -B949	X61
R75	M C471	M X85

```
                            TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


   --- G210  ---      |     --- G213  ---      |    --- G218 -G219  ---
      CONTINUED       |        CONTINUED       |        CONTINUED
      Y11             |   M B574               |       Y20  -Y369
      Y467            |     B582               |       Y600 -Y849
      Y493 -Y495      |     B602               |   M Y850 -Y872
   M Y86  -Y872       |     B75                |       Y881 -Y899
      Y880            |     B889 -B89          |
                      |     B941               |      --- G230   ---
    --- G211  ---     |     B948               |
                      |     B99                |
      G211            |     G040               |        G230
      T360 -T427      |     G042 -G049         |
      T430 -T432      |     G213               |      --- G231   ---
      T436 -T509      |   M G370               |
      X40             |   M G375               |        G231
      X42  -X44       |   M G92                |
      X60             |   M H664               |      --- G232   ---
      X62  -X64       |   M J108               |
   M X85              |   M J118               |        G232
      Y10             |     M321               |
      Y12  -Y14       |     P371               |      --- G238   ---
      Y400 -Y466      |     T560               |
      Y468 -Y492      |                        |        B200 -B24
      Y496 -Y599      |  --- G218 -G219  ---   |        G238
   M Y86  -Y872       |                        |        R75
      Y880            |     A170 -A179         |
                      |     A504 -A539         |      --- G239   ---
    --- G212  ---     |     A810 -A819         |
                      |     A870 -A89          |        B200 -B24
      G212            |     B003               |        G239
      T510 -T659      |     B010               |        R75
      T97             |     B021 -B022         |
      X45  -X49       |     B051               |      --- G240   ---
      X65  -X69       |     B060               |
      X86  -X90       |     B200 -B24          |        G240
      Y15  -Y19       |     B261               |        T360 -T659
   M Y86  -Y872       |     B375               |        X40  -X49
                      |     B900               |        X60  -Y19
    --- G213  ---     |     B902               |
                      |     B91                |      --- G241   ---
   M A178             |     B941               |
   M A321             |     B949               |        G241
   M A398             |     G000 -G039         |
   M A428             |     G041 -G09          |      --- G242   ---
   M A504             |     G20  -G2000        |
   M A521             |     G218 -G219         |        G242
      A809 -A811      |     I672 -I673         |
      A830 -A86       |     I698               |      --- G243   ---
      A872            |     I709               |
      A922            |     I950 -I959         |        G243
      B004            |     R75                |        Y400 -Y599
      B011            |     S000 -T357         |
      B020            |     T66  -T876         |      --- G244   ---
      B050            |     T900 -T982         |
   M B060             |   M T983               |        G244
      B262            |     X50  -X59          |      M Y490 -Y499
   M B451             |     X70  -X84          |
      B560 -B569      |     X91  -Y09          |
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    --- G245  ---       |    --- G259  ---       |    --- G318  ---
                        |      CONTINUED         |      CONTINUED
      G245              |    R894 -R961          |    B582
      Y400 -Y599        |    R98  -Y899          |    B602
                        |                        |    B690
--- G248 -G250  ---     |    --- G300  ---       |    B900
                        |                        |    B941
      A000 -R825        |    G300                |    C000 -D489
    M R826              |                        |    E000 -F199
      R827 -R892        |    --- G301  ---       |    F500
    M R893              |                        |    G000 -G318
      R894 -R961        |    G301                |    G35  -G98
      R98  -Y899        |                        |    I10  -I259
                        |    --- G308  ---       |    I600 -I709
    --- G251  ---       |                        |    J100 -J118
                        |    G308                |    M300 -M359
      G251              |                        |    O000 -P965
      Y400 -Y599        | --- G309 -G3090 ---    |    Q000 -Q079
                        |                        |    Q271 -Q289
--- G252 -G253  ---     |    G309 -G3090         |    Q890 -Q999
                        |  M R54                 |    R090 -R092
      A000 -R825        |                        |    R54
    M R826              |    --- G310  ---       |    R75
      R827 -R892        |                        |    S000 -Y899
    M R893              |    B200 -B24           |
      R894 -R961        |    G310                |    --- G319  ---
      R98  -Y899        |    R75                 |
                        |                        |    A000 -A014
    --- G254  ---       |    --- G311  ---       |  M A021 -A028
                        |                        |  M A1690
      G254              |    G311                |    A170 -A179
      Y400 -Y599        |                        |    A200 -A211
                        |    --- G312  ---       |    A217 -A220
    --- G255  ---       |                        |    A227 -A309
                        |    F100 -F109          |    A321 -A419
      B200 -B24         |    G312                |    A422 -A429
    M F449              |    T510 -T519          |    A431 -A99
      G255              |                        |    B003 -B004
      I00  -I099        |    --- G318  ---       |    B010 -B011
      R75               |                        |    B050 -B051
      Y400 -Y599        |    A000 -A014          |    B068
                        |  M A021 -A028          |    B200 -B24
    --- G256  ---       |  M A1690               |    B261 -B262
                        |    A170 -A179          |    B451
      G256              |    A200 -A211          |    B574
      Y400 -Y599        |    A217 -A220          |    B582
                        |    A227 -A309          |    B602
    --- G258  ---       |    A321 -A419          |    B690
                        |    A422 -A429          |    B900
      G258              |    A431 -A99           |    B941
      Y400 -Y599        |    B003 -B004          |    C000 -D489
                        |    B010 -B011          |    E000 -F199
    --- G259  ---       |    B050 -B051          |    F500
                        |    B068                |    G000 -G312
      A000 -R825        |    B200 -B24           |    G319 -G98
    M R826              |    B261 -B262          |    I10  -I259
      R827 -R892        |    B451               |    I600 -I709
    M R893              |    B574                |    J100 -J118
```

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   --- G319  ---      | --- G360 -G379  --- | --- G400 -G405  ---
      CONTINUED       |       CONTINUED     |       CONTINUED
      M300 -M359      |    D320 -D339       |    G443 -G479
      O000 -P965      |    D420 -D439       |    G800 -G809
      Q000 -Q079      |    G35  -G379       |    G900 -G98
      Q271 -Q289      |    G900 -G909       |    I600 -I698
      Q890 -Q999      |    R54              |  M J108
      R090 -R092      |    R75              |    P000 -P965
      R54             |                     |    Q000 -Q079
      R75             | --- G400 -G405  --- |    Q278 -Q289
      S000 -Y899      |                     |    Q750 -Q759
                      |    A170 -A179       |    Q900 -Q999
--- G35  -G3500 ---   |    A321             |    R75
                      |    A35              |    S017 -S029
                      |    A390             |    S040 -S049
  M A500              |  M A398             |    S060 -S099
    A501 -A502        |    A504             |    S120 -S199
    A504              |  M A514             |    S220 -S246
    A506 -A523        |    A521 -A523       |  M T07  -T08
    A528 -A539        |    A539             |    T093 -T094
    G35  -G3500       |  M A548             |    T141 -T149
                      |    A680 -A99        |    T360 -T913
--- G360 -G379  ---   |    B003 -B004       |    T918 -T919
                      |    B010 -B011       |    T96  -Y899
                      |    B050 -B051       |
    A179              |    B060             | --- G406 -G407  ---
    A321              |    B200 -B24        |
  M A328              |  M B258             |
  M A398              |    B261 -B262       |    A170 -A179
    A399              |    B330 -B349       |    A321
  M A500              |    B375             |    A35
    A501 -A502        |    B384             |    A390
    A504              |    B431             |  M A398
    A506 -A523        |    B451             |    A504
    A528 -A539        |    B457             |  M A514
  M A548              |    B461             |    A521 -A523
    A549              |    B500 -B64        |    A539
    A810 -A819        |    B690             |  M A548
    A830 -A99         |    B900             |    A680 -A99
    B003 -B004        |    B91  -B99        |    B003 -B004
    B020 -B021        |    C700 -C729       |    B010 -B011
    B050 -B051        |    C793 -C794       |    B050 -B051
    B060              |    C810 -C97        |    B060
    B200 -B24         |  M D180 -D181       |    B200 -B24
    B261 -B262        |    D320 -D339       |  M B258
    B375              |    D369             |    B261 -B262
    B384              |    D420 -D439       |    B330 -B349
    B431              |    D489             |    B375
    B451              |    E15  -E169       |    B384
    B500              |    E220 -E249       |    B431
    B574              |    E511 -E539       |    B451
    B582              |  M E648             |    B457
    B602              |    E649             |    B461
    B690              |    E720 -E899       |    B500 -B64
    B900              |    F019 -F03        |    B690
    B941              |    F050 -F059       |    B900
  M B948              |    F068 -F109       |    B91  -B99
    B949              |    G000 -G419       |    C700 -C729
    C710 -C729        |                     |    C793 -C794
    C793 -C794        |                     |
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--- G406 -G407  --- |    --- G408  ---    |    --- G409  ---
      CONTINUED      |      CONTINUED      |
      C810 -C97      |      B060           |      A170 -A179
  M   D180 -D181     |      B200 -B24      |      A321
      D320 -D339     |  M   B258          |      A35
      D369           |      B261 -B262     |      A390
      D420 -D439     |      B330 -B349     |  M   A398
      D489           |      B375           |      A504
      E15  -E169     |      B384           |  M   A514
      E220 -E249     |      B431           |      A521 -A523
      E511 -E539     |      B451           |      A539
  M   E648           |      B457           |  M   A548
      E649           |      B461           |      A680 -A99
      E720 -E899     |      B500 -B64      |      B003 -B004
      F019 -F03      |      B690           |      B010 -B011
      F050 -F059     |      B900           |      B050 -B051
      F068 -F169   * |      B91  -B99      |      B060
      F180 -F199   * |      C700 -C729     |      B200 -B24
      G000 -G419     |      C793 -C794     |  M   B258
      G443 -G479     |      C810 -C97      |      B261 -B262
      G800 -G809     |  M   D180 -D181     |      B330 -B349
      G900 -G98      |      D320 -D339     |      B375
      I600 -I698     |      D369           |      B384
  M   J108           |      D420 -D439     |      B431
      P000 -P965     |      D489           |      B451
      Q000 -Q079     |      E15  -E169     |      B457
      Q278 -Q289     |      E220 -E249     |      B461
      Q750 -Q759     |      E511 -E539     |      B500 -B64
      Q900 -Q999     |  M   E648          |      B690
      R75            |      E649           |      B900
      S017 -S029     |      E720 -E899     |      B91  -B99
      S040 -S049     |      F019 -F03      |      C700 -C729
      S060 -S099     |      F050 -F059     |      C793 -C794
      S120 -S199     |      F068 -F109     |      C810 -C97
      S220 -S246     |      G000 -G419     |  M   D180 -D181
  M   T07  -T08      |      G443 -G479     |      D320 -D339
      T093 -T094     |      G800 -G809     |      D369
      T141 -T149     |      G900 -G98      |      D420 -D439
      T360 -T913     |      I600 -I698     |      D489
      T918 -T919     |  M   J108          |      E15  -E169
      T96  -Y899     |      P000 -P965     |      E220 -E249
                     |      Q000 -Q079     |      E511 -E539
   --- G408  ---     |      Q278 -Q289     |  M   E648
                     |      Q750 -Q759     |      E649
                     |      Q900 -Q999     |      E720 -E899
      A170 -A179     |      R75            |      F019 -F03
      A321           |      S017 -S029     |      F050 -F059
      A35            |      S040 -S049     |      F068 -F169   *
      A390           |      S060 -S099     |      F180 -F199   *
  M   A398           |      S120 -S199     |      G000 -G419
      A504           |      S220 -S246     |      G443 -G479
  M   A514           |  M   T07  -T08      |      G800 -G809
      A521 -A523     |      T093 -T094     |      G900 -G98
      A539           |      T141 -T149     |      I600 -I698
  M   A548           |      T360 -T913     |  M   J108
      A680 -A99      |      T918 -T919     |      P000 -P965
      B003 -B004     |      T96  -Y899     |      Q000 -Q079
      B010 -B011     |                     |      Q278 -Q289
      B050 -B051     |                     |
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

--- G409 ---	--- G410 -G419 ---	--- G444 ---
CONTINUED	CONTINUED	
Q750 -Q759	E511 -E539	G444
Q900 -Q999	M E648	T360 -T509
M R54	E649	T96
R75	E720 -E899	Y400 -Y599
S017 -S029	F019 -F03	
S040 -S049	F050 -F059	--- G448 ---
S060 -S099	F068 -F109	
S120 -S199	G000 -G419	A000 -R825
S220 -S246	G443 -G479	M R826
M T07 -T08	G800 -G809	R827 -R892
T093 -T094	G900 -G98	M R893
T141 -T149	I600 -I698	R894 -R961
T360 -T913	M J108	R98 -Y899
T918 -T919	P000 -P965	
T96 -Y899	Q000 -Q079	--- G450 -G452 ---
	Q278 -Q289	
--- G410 -G419 ---	Q750 -Q759	A000 -A09
	Q900 -Q999	A170 -A180
A170 -A179	R75	A199 -E899
A321	S017 -S029	F019 -F03
A35	S040 -S049	F069
A390	S060 -S099	F100 -F199
M A398	S120 -S199	G000 -G419
A504	S220 -S246	G450 -G459
M A514	M T07 -T08	G474
A521 -A523	T093 -T094	G600
M A548	T141 -T149	G602
A680 -A99	T360 -T913	G608
B003 -B004	T918 -T919	G800 -G809
B010 -B011	T96 -Y899	M G810 -G839
B050 -B051		G900 -G969
B060	--- G430 -G440 ---	M H000 -H959
B200 -B24		I00 -I029
M B258	G430 -G459	I090
B261 -B262		I092 -I139
B330 -B349	--- G441 ---	I400 -I899
B375		I970 -J80
B384	A000 -R825	J82 -J980
B431	M R826	J982 -J989
B451	R827 -R892	L020 -L039
B457	M R893	M000 -M1990
B461	R894 -R961	M320 -M359
B500 -B64	R98 -Y899	M810 -M819
B690		M844
B900	--- G442 ---	M852 -M853
B91 -B99		M856
C700 -C729	F430 -F439	M878
C793 -C794	G442	M890
C810 -C97		M940
M D180 -D181	--- G443 ---	N000 -N399
D320 -D339		N430 -N434
D369	F072	N450 -N459
D420 -D439	G443	N47 -N489
D489	S000 -Y899	N600 -N959
E15 -E169		N990 -N999
E220 -E249		P000 -P049

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--- G450 -G452  --- | --- G458 -G459  --- | --- G470 -G473  ---
      CONTINUED      |       CONTINUED      |       CONTINUED
      P100 -Q379     |    I090              |    M R893
      Q500 -Q649     |    I092 -I139        |      R894 -R961
      Q850 -Q999     |    I400 -I899        |      R98  -Y899
      R02  -R030     |    I970 -J80         |
      R040 -R049     |    J82  -J980        |     --- G474  ---
      R060 -R068     |    J982 -J989        |
      R090           |    L020 -L039        |       G474
      R092           |    M000 -M1990       |
      R098           |    M320 -M359        | --- G478 -G479  ---
      R31            |    M810 -M819        |
      R33  -R34      |    M844              |      A000 -R825
      R392           |    M852 -M853        |    M R826
      R500 -R509     |    M856              |      R827 -R892
      R54            |    M878              |    M R893
      R560 -R5800    |    M890              |      R894 -R961
      R600 -R609     |    M940              |      R98  -Y899
      R75            |    N000 -N399        |
      R780           |    N430 -N434        |     --- G500  ---
      R788           |    N450 -N459        |
      R790           |    N47  -N489        |       A539
      R80  -R825     |    N600 -N959        |       B001
    M R826           |    N990 -N999        |       B009
      R827 -R829     |    P000 -P049        |       B029
    M R893           |    P100 -Q379        |       B200 -B24
      R900 -R91      |    Q500 -Q649        |       G500
      R930           |    Q850 -Q999        |       I600 -I698
      S000 -Y899     |    R02  -R030        |       R75
                     |    R040 -R049        |
--- G453 -G454  --- |    R060 -R068        |     --- G501  ---
                     |    R090              |
      A000 -R825     |    R092              |       A022
    M R826           |    R098              |       A066
      R827 -R892     |    R31               |       A170 -A179
    M R893           |    R33  -R34         |     M A180
      R894 -R961     |    R392              |     M A188
      R98  -Y899     |    R500 -R509        |       A321
                     |    R54              |     M A328
--- G458 -G459  --- |    R560 -R5800       |       A329
                     |    R600 -R609        |       A390
      A000 -A09      |    R75               |     M A398
      A170 -A180     |    R780              |       A399
      A199 -E899     |    R788              |     M A500 -A539
      F019 -F03      |    R790              |       A544
      F069           |    R80  -R825        |       A548
      F100 -F199     |  M R826             |     M A800 -B09
      G000 -G419     |    R827 -R829        |     M B200 -B24
      G450 -G459     |  M R893             |     M B258
      G474           |    R900 -R91         |       B259
      G600           |    R930             |       B261 -B262
      G602           |    S000 -Y899        |     M B333 -B349
      G608           |                      |       B375
      G800 -G809     | --- G470 -G473  --- |       B384
    M G810 -G839     |                      |       B451
      G900 -G969     |      A000 -R825      |       B461
    M H000 -H959     |    M R826            |       B500
      I00  -I029     |      R827 -R892      |       B574
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--- G501 ---	--- G508 ---	--- G508 ---
CONTINUED	CONTINUED	CONTINUED
B582	A390	M P910 -P919
M B672	M A398	M P940 -P949
B690	A399	Q000 -Q189
B832	M A500 -A539	Q670 -Q999
B89 -B900	A544	R270 -R298
M B902	A548	R75
M B91 -B940	M A800 -B09	M S000 -Y899
B941	M B200 -B24	
M B948	M B258	--- G509 ---
B949	B259	
M C000 -C97	B261 -B262	A022
M D100 -D489	M B333 -B349	A066
M D868 -D869	B375	A170 -A179
M E713	B384	M A180
E750 -E752	B451	M A188
E754 -E755	B461	A321
E830	B500	M A328
E871	B574	A329
M G000 -G500	B582	A390
G501	M B672	M A398
M G508 -G98	B690	A399
I10	B832	M A500 -A539
M I600 -I709	B89 -B900	A544
M I748 -I749	M B902	A548
M J108	M B91 -B940	M A800 -B09
M J118	B941	M B200 -B24
M L946	M B948	M B258
M M430 -M549	B949	B259
M M960 -M969	M C000 -C97	B261 -B262
M N000 -N399	M D100 -D489	M B333 -B349
M N990 -N999	M D868 -D869	B375
M O100 -O16	M E713	B384
M O290 -O299	E750 -E752	B451
M O740 -O749	E754 -E755	B461
M O85 -O998	E830	B500
P049	E871	B574
P100 -P159	M G000 -G500	B582
M P350 -P399	G501 -G508	M B672
M P910 -P919	M G509 -G98	B690
M P940 -P949	I10	B832
Q000 -Q189	M I600 -I709	B89 -B900
Q670 -Q999	M I748 -I749	M B902
R270 -R298	M J108	M B91 -B940
R75	M J118	B941
M S000 -Y899	M L946	M B948
	M M430 -M549	B949
--- G508 ---	M M960 -M969	M C000 -C97
	M N000 -N399	M D100 -D489
	M N990 -N999	M D868 -D869
A022	M O100 -O16	M E713
A066	M O290 -O299	E750 -E752
A170 -A179	M O740 -O749	E754 -E755
M A180	M O85 -O998	E830
M A188	P049	E871
A321	P100 -P159	M G000 -G500
M A328	M P350 -P399	G501
A329		

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   --- G509 ---      |      --- G510 ---      |      --- G511  ---
      CONTINUED      |         CONTINUED      |         CONTINUED
 M G508               |        B582            |    M A328
   G509               |    M B672            |      A329
 M G510 -G98          |        B690            |      A390
   I10                |        B832            |    M A398
 M I600 -I709         |        B89  -B900      |      A399
 M I748 -I749         |    M B902            |    M A500 -A539
 M J108               |    M B91  -B940       |      A544
 M J118               |        B941            |      A548
 M L946               |    M B948            |    M A800 -B09
 M M430 -M549         |        B949            |    M B200 -B24
 M M960 -M969         |    M C000 -C97        |    M B258
 M N000 -N399         |    M D100 -D489       |      B259
 M N990 -N999         |    M D868 -D869       |      B261 -B262
 M O100 -O16          |    M E713            |    M B333 -B349
 M O290 -O299         |      E750 -E752       |      B375
 M O740 -O749         |      E754 -E755       |      B384
 M O85  -O998         |      E830            |      B451
   P049               |      E871            |      B461
   P100 -P159         |    M G000 -G500       |      B500
 M P350 -P399         |      G501            |      B574
 M P910 -P919         |    M G508 -G509       |      B582
 M P940 -P949         |      G510            |    M B672
   Q000 -Q189         |    M G511 -G98        |      B690
   Q670 -Q999         |      I10             |      B832
   R270 -R298         |    M I600 -I709       |      B89  -B900
   R75                |    M I748 -I749       |    M B902
 M S000 -Y899         |    M J108            |    M B91  -B940
                     |    M J118            |      B941
   --- G510  ---     |    M L946            |    M B948
                     |    M M430 -M549       |      B949
   A022               |    M M960 -M969       |    M C000 -C97
   A066               |    M N000 -N399       |    M D100 -D489
   A170 -A179         |    M N990 -N999       |    M D868 -D869
 M A180               |    M O100 -O16        |    M E713
 M A188               |    M O290 -O299       |      E750 -E752
   A321               |    M O740 -O749       |      E754 -E755
 M A328               |    M O85  -O998       |      E830
   A329               |      P049            |      E871
   A390               |      P100 -P159       |    M G000 -G500
 M A398               |    M P350 -P399       |      G501
   A399               |    M P910 -P919       |    M G508 -G510
 M A500 -A539         |    M P940 -P949       |      G511
   A544               |      Q000 -Q189       |    M G512 -G98
   A548               |      Q670 -Q999       |      I10
 M A800 -B09          |      R270 -R298       |    M I600 -I709
 M B200 -B24          |      R75             |    M I748 -I749
 M B258               |    M S000 -Y899       |    M J108
   B259               |                      |    M J118
   B261 -B262         |      --- G511  ---    |    M L946
 M B333 -B349         |                      |    M M430 -M549
   B375               |      A022            |    M M960 -M969
   B384               |      A066            |    M N000 -N399
   B451               |      A170 -A179       |    M N990 -N999
   B461               |    M A180            |    M O100 -O16
   B500               |    M A188            |    M O290 -O299
   B574               |      A321            |    M O740 -O749
```

--- G511 ---	--- G512 ---	--- G513 ---
CONTINUED	CONTINUED	CONTINUED
M O85 -O998	E830	B451
P049	E871	B461
P100 -P159	M G000 -G500	B500
M P350 -P399	G501	B574
M P910 -P919	M G508 -G511	B582
M P940 -P949	G512	M B672
Q000 -Q189	M G513 -G98	B690
Q670 -Q999	I10	B832
R270 -R298	M I600 -I709	B89 -B900
R75	M I748 -I749	M B902
M S000 -Y899	M J108	M B91 -B940
	M J118	B941
--- G512 ---	M L946	M B948
	M M430 -M549	B949
A022	M M960 -M969	M C000 -C97
A066	M N000 -N399	M D100 -D489
A170 -A179	M N990 -N999	M D868 -D869
M A180	M O100 -O16	M E713
M A188	M O290 -O299	E750 -E752
A321	M O740 -O749	E754 -E755
M A328	M O85 -O998	E830
A329	P049	E871
A390	P100 -P159	M G000 -G500
M A398	M P350 -P399	G501
A399	M P910 -P919	M G508 -G512
M A500 -A539	M P940 -P949	G513
A544	Q000 -Q189	M G514 -G98
A548	Q670 -Q999	I10
M A800 -B09	R270 -R298	M I600 -I709
M B200 -B24	R75	M I748 -I749
M B258	M S000 -Y899	M J108
B259		M J118
B261 -B262	--- G513 ---	M L946
M B333 -B349		M M430 -M549
B375	A022	M M960 -M969
B384	A066	M N000 -N399
B451	A170 -A179	M N990 -N999
B461	M A180	M O100 -O16
B500	M A188	M O290 -O299
B574	A321	M O740 -O749
B582	M A328	M O85 -O998
M B672	A329	P049
B690	A390	P100 -P159
B832	M A398	M P350 -P399
B89 -B900	A399	M P910 -P919
M B902	M A500 -A539	M P940 -P949
M B91 -B940	A544	Q000 -Q189
B941	A548	Q670 -Q999
M B948	M A800 -B09	R270 -R298
B949	M B200 -B24	R75
M C000 -C97	M B258	M S000 -Y899
M D100 -D489	B259	
M D868 -D869	B261 -B262	--- G514 ---
M E713	M B333 -B349	
E750 -E752	B375	A022
E754 -E755	B384	A066

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  --- G514 ---     |    --- G514 ---     |    --- G518  ---
    CONTINUED      |      CONTINUED      |      CONTINUED
    A170 -A179     |  M N990 -N999       |  M D868 -D869
M A180             |  M O100 -O16        |  M E713
M A188             |  M O290 -O299       |    E750 -E752
  A321             |  M O740 -O749       |    E754 -E755
M A328             |  M O85  -O998       |    E830
  A329             |    P049             |    E871
  A390             |    P100 -P159       |  M G000 -G500
M A398             |  M P350 -P399       |    G501
  A399             |  M P910 -P919       |  M G508 -G514
M A500 -A539       |  M P940 -P949       |    G518
  A544             |    Q000 -Q189       |  M G519 -G98
  A548             |    Q670 -Q999       |    I10
M A800 -B09        |    R270 -R298       |  M I600 -I709
M B200 -B24        |    R75              |  M I748 -I749
M B258             |  M S000 -Y899       |  M J108
  B259             |                     |  M J118
  B261 -B262       |    --- G518  ---    |  M L946
M B333 -B349       |                     |  M M430 -M549
  B375             |                     |  M M960 -M969
  B384             |    A022             |  M N000 -N399
  B451             |    A066             |  M N990 -N999
  B461             |    A170 -A179       |  M O100 -O16
  B500             |  M A180             |  M O290 -O299
  B574             |  M A188             |  M O740 -O749
  B582             |    A321             |  M O85  -O998
M B672             |  M A328             |    P049
  B690             |    A329             |    P100 -P159
  B832             |    A390             |  M P350 -P399
  B89  -B900       |  M A398             |  M P910 -P919
M B902             |    A399             |  M P940 -P949
M B91  -B940       |  M A500 -A539       |    Q000 -Q189
  B941             |    A544             |    Q670 -Q999
M B948             |    A548             |    R270 -R298
  B949             |  M A800 -B09        |    R75
M C000 -C97        |  M B200 -B24        |  M S000 -Y899
M D100 -D489       |  M B258             |
M D868 -D869       |    B259             |    --- G519  ---
M E713             |    B261 -B262       |
  E750 -E752       |  M B333 -B349       |
  E754 -E755       |    B375             |    A022
  E830             |    B384             |    A066
  E871             |    B451             |    A170 -A179
M G000 -G500       |    B461             |  M A180
  G501             |    B500             |  M A188
M G508 -G513       |    B574             |    A321
  G514             |    B582             |  M A328
M G518 -G98        |  M B672             |    A329
  I10              |    B690             |    A390
M I600 -I709       |    B832             |  M A398
M I748 -I749       |    B89  -B900       |    A399
M J108             |  M B902             |  M A500 -A539
M J118             |  M B91  -B940       |    A544
M L946             |    B941             |    A548
M M430 -M549       |  M B948             |  M A800 -B09
M M960 -M969       |    B949             |  M B200 -B24
M N000 -N399       |  M C000 -C97        |  M B258
                   |  M D100 -D489       |    B259
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--- G519 ---       |    --- G520 ---       |    --- G540  ---
    CONTINUED      |                       |
    B261 -B262     |      A539             |      A010 -A014
M   B333 -B349     |      B200 -B24        |      A33  -A369
    B375           |      G520             |      B050 -B069
    B384           |      I600 -I698       |      B200 -B24
    B451           |      R75              |      B333
    B461           |                       |      C300 -C399
    B500           |    --- G521 ---       |      C450
    B574           |                       |      C780 -C783
    B582           |      A539             |      C80
M   B672           |      B200 -B24        |      D020 -D024
    B690           |      G521             |      D140 -D159
    B832           |      I600 -I698       |      D190 -D199
    B89  -B900     |      R75              |      D380 -D386
M   B902           |                       |      G122 -G1220
M   B91  -B940     |    --- G522 ---       |      G540
    B941           |                       |      G600 -G64
M   B948           |      A539             |      R75
    B949           |      B200 -B24        |  M   S000 -Y899
M   C000 -C97      |      G522             |
M   D100 -D489     |      I600 -I698       |    --- G541  ---
M   D868 -D869     |      R75              |
M   E713           |                       |      A010 -A014
    E750 -E752     |    --- G523 ---       |      A33  -A369
    E754 -E755     |                       |      B050 -B069
    E830           |      A539             |      B200 -B24
    E871           |      B200 -B24        |      B333
M   G000 -G500     |      G523             |      C300 -C399
    G501           |      I600 -I698       |      C450
M   G508 -G518     |      R75              |      C780 -C783
    G519           |                       |      C80
M   G520 -G98      |    --- G527 ---       |      D020 -D024
    I10            |                       |      D140 -D159
M   I600 -I709     |      A539             |      D190 -D199
M   I748 -I749     |      B200 -B24        |      D380 -D386
M   J108           |      D869             |      G122 -G1220
M   J118           |      G527             |      G541
M   L946           |      I600 -I698       |      G600 -G64
M   M430 -M549     |      R75              |      R75
M   M960 -M969     |                       |  M   S000 -Y899
M   N000 -N399     |    --- G528 ---       |
M   N990 -N999     |                       |    --- G542  ---
M   O100 -O16      |      A539             |
M   O290 -O299     |      B200 -B24        |      A010 -A014
M   O740 -O749     |      G528             |      A33  -A369
M   O85  -O998     |      I600 -I698       |      B050 -B069
    P049           |      R75              |      B200 -B24
    P100 -P159     |                       |      B333
M   P350 -P399     |    --- G529 ---       |      C300 -C399
M   P910 -P919     |                       |      C450
M   P940 -P949     |      A539             |      C780 -C783
    Q000 -Q189     |      B200 -B24        |      C80
    Q670 -Q999     |      G529             |      D020 -D024
    R270 -R298     |      I600 -I698       |      D140 -D159
    R75            |      R75              |      D190 -D199
M   S000 -Y899     |                       |      D380 -D386
                   |                       |      G122 -G1220
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   --- G542 ---     |    --- G545 ---     |    --- G548  ---
     CONTINUED       |      CONTINUED       |
     G542            |     C780 -C783      |     A010 -A014
     G600 -G64       |     C80             |     A33  -A369
     R75             |     D020 -D024      |     B050 -B069
   M S000 -Y899      |     D140 -D159      |     B200 -B24
                     |     D190 -D199      |     B333
    --- G543  ---    |     D380 -D386      |     C300 -C399
                     |     G122 -G1220     |     C450
     A010 -A014      |     G545            |     C780 -C783
     A33  -A369      |     G600 -G64       |     C80
     B050 -B069      |     R75             |     D020 -D024
     B200 -B24       |   M S000 -Y899      |     D140 -D159
     B333            |                     |     D190 -D199
     C300 -C399      |    --- G546  ---     |     D380 -D386
     C450            |                     |     G122 -G1220
     C780 -C783      |     A010 -A014      |     G548
     C80             |     A33  -A369      |     G600 -G64
     D020 -D024      |     B050 -B069      |     R75
     D140 -D159      |     B200 -B24       |   M S000 -Y899
     D190 -D199      |     B333            |
     D380 -D386      |     C300 -C399      |    --- G549  ---
     G122 -G1220     |     C450            |
     G543            |     C780 -C783      |     A010 -A014
     G600 -G64       |     C80             |     A33  -A369
     R75             |     D020 -D024      |     B050 -B069
   M S000 -Y899      |     D140 -D159      |     B200 -B24
                     |     D190 -D199      |     B333
    --- G544  ---    |     D380 -D386      |     C300 -C399
                     |     G122 -G1220     |     C450
     A010 -A014      |     G546            |     C780 -C783
     A33  -A369      |     G600 -G64       |     C80
     B050 -B069      |     R75             |     D020 -D024
     B200 -B24       |   M S000 -Y899      |     D140 -D159
     B333            |                     |     D380 -D386
     C300 -C399      |    --- G547  ---     |     G122 -G1220
     C450            |                     |     G549
     C780 -C783      |     A010 -A014      |     G600 -G64
     C80             |     A33  -A369      |     R75
     D020 -D024      |     B050 -B069      |   M S000 -Y899
     D140 -D159      |     B200 -B24       |
     D190 -D199      |     B333            |    --- G560  ---
     D380 -D386      |     C300 -C399      |
     G122 -G1220     |     C450            |     A010 -A014
     G544            |     C780 -C783      |     A33  -A369
     G600 -G64       |     C80             |     B050 -B069
     R75             |     D020 -D024      |     B200 -B24
   M S000 -Y899      |     D140 -D159      |     B333
                     |     D190 -D199      |     C300 -C399
    --- G545  ---    |     D380 -D386      |     C450
                     |     G122 -G1220     |     C780 -C783
     A010 -A014      |     G547            |     C80
     A33  -A369      |     G600 -G64       |     D020 -D024
     B050 -B069      |     R75             |     D140 -D159
     B200 -B24       |   M S000 -Y899      |     D190 -D199
     B333            |                     |     D380 -D386
     C300 -C399      |                     |     G122 -G1220
     C450            |                     |     G560
                     |                     |
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   --- G560  ---      |     --- G563  ---     |    --- G569   ---
      CONTINUED       |        CONTINUED      |
      G600 -G64       |     C80               |      A010 -A014
      R75             |     D020 -D024        |      A33  -A369
   M S000 -Y899       |     D140 -D159        |      B050 -B069
                      |     D190 -D199        |      B200 -B24
    --- G561   ---    |     D380 -D386        |      B333
                      |     G122 -G1220       |      C300 -C399
      A010 -A014      |     G563              |      C450
      A33  -A369      |     G600 -G64         |      C780 -C783
      B050 -B069      |     R75               |      C80
      B200 -B24       |   M S000 -Y899        |      D020 -D024
      B333            |                       |      D140 -D159
      C300 -C399      |      --- G564  ---     |      D190 -D199
      C450            |                       |      D380 -D386
      C780 -C783      |      A010 -A014       |      G122 -G1220
      C80             |      A33  -A369       |      G569
      D020 -D024      |      B050 -B069       |      G600 -G64
      D140 -D159      |      B200 -B24        |      R75
      D190 -D199      |      B333            |    M S000 -Y899
      D380 -D386      |      C300 -C399       |
      G122 -G1220     |      C450            |     --- G570   ---
      G561            |      C780 -C783       |
      G600 -G64       |      C80             |      A000 -C97
      R75             |      D020 -D024       |      E100 -E149
   M S000 -Y899       |      D140 -D159       |      E160 -E162
                      |      D190 -D199       |      E40  -E899
    --- G562   ---    |      D380 -D386       |      F100 -F109
                      |      G061           |      G570
      A010 -A014      |      G122 -G1220      |      G600 -G64
      A33  -A369      |      G564            |      J00  -J989
      B050 -B069      |      G600 -G64        |      K20  -K929
      B200 -B24       |      R75             |      M050 -M089
      B333            |    M S000 -Y899       |      M300 -M359
      C300 -C399      |                       |      N000 -N289
      C450            |      --- G568  ---     |      R75
      C780 -C783      |                       |      T360 -T659
      C80             |      A010 -A014       |      X40  -X49
      D020 -D024      |      A33  -A369       |      X60  -X69
      D140 -D159      |      B050 -B069       |      X85  -X90
      D190 -D199      |      B200 -B24        |      Y10  -Y19
      D380 -D386      |      B333            |      Y400 -Y599
      G122 -G1220     |      C300 -C399       |
      G562            |      C450            |     --- G571   ---
      G600 -G64       |      C780 -C783       |
      R75             |      C80             |      A000 -C97
   M S000 -Y899       |      D020 -D024       |      E100 -E149
                      |      D140 -D159       |      E162
    --- G563   ---    |      D190 -D199       |      E40  -E899
                      |      D380 -D386       |      F100 -F109
      A010 -A014      |      G122 -G1220      |      G571
      A33  -A369      |      G568            |      G600 -G64
      B050 -B069      |      G600 -G64        |      J00  -J989
      B200 -B24       |      R75             |      K20  -K929
      B333            |    M S000 -Y899       |      M050 -M089
      C300 -C399      |                       |      M300 -M359
      C450            |                       |      N000 -N399
      C780 -C783      |                       |      R75
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  --- G571  ---   |   --- G574  ---   |   --- G576   ---
    CONTINUED     |     CONTINUED     |     CONTINUED
  T360 -T659      |   E40  -E899      |   X60  -X69
  X40  -X49       |   F100 -F109      |   X85  -X90
  X60  -X69       |   G574            |   Y10  -Y19
  X85  -X90       |   G600 -G64       |   Y400 -Y599
  Y10  -Y19       |   J00  -J989      |
  Y400 -Y599      |   K20  -K929      |   --- G578   ---
                  |   M050 -M089      |
  --- G572  ---   |   M300 -M359      |   A000 -C97
                  |   N000 -N399      |   E100 -E149
  A000 -C97       |   R75             |   E162
  E100 -E149      |   T360 -T659      |   E40  -E899
  E162            |   X40  -X49       |   F100 -F109
  E40  -E899      |   X60  -X69       |   G578
  F100 -F109      |   X85  -X90       |   G600 -G64
  G572            |   Y10  -Y19       |   J00  -J989
  G600 -G64       |   Y400 -Y599      |   K20  -K929
  J00  -J989      |                   |   M050 -M089
  K20  -K929      |   --- G575   ---  |   M300 -M359
  M050 -M089      |                   |   N000 -N399
  M300 -M359      |   A000 -C97       |   R75
  N000 -N399      |   E100 -E149      |   T360 -T659
  R75             |   E162            |   X40  -X49
  T360 -T659      |   E40  -E899      |   X60  -X69
  X40  -X49       |   F100 -F109      |   X85  -X90
  X60  -X69       |   G575            |   Y10  -Y19
  X85  -X90       |   G600 -G64       |   Y400 -Y599
  Y10  -Y19       |   J00  -J989      |
  Y400 -Y599      |   K20  -K929      |   --- G579   ---
                  |   M050 -M089      |
  --- G573  ---   |   M300 -M359      |   A000 -C97
                  |   N000 -N399      |   E100 -E149
  A000 -C97       |   R75             |   E162
  E100 -E149      |   T360 -T659      |   E40  -E899
  E162            |   X40  -X49       |   F100 -F109
  E40  -E899      |   X60  -X69       |   G579
  F100 -F109      |   X85  -X90       |   G600 -G64
  G573            |   Y10  -Y19       |   J00  -J989
  G600 -G64       |   Y400 -Y599      |   K20  -K929
  J00  -J989      |                   |   M050 -M089
  K20  -K929      |   --- G576   ---  |   M300 -M359
  M050 -M089      |                   |   N000 -N399
  M300 -M359      |   A000 -C97       |   R75
  N000 -N399      |   E100 -E149      |   T360 -T659
  R75             |   E162            |   X40  -X49
  T360 -T659      |   E40  -E899      |   X60  -X69
  X40  -X49       |   F100 -F109      |   X85  -X90
  X60  -X69       |   G576            |   Y10  -Y19
  X85  -X90       |   G600 -G64       |   Y400 -Y599
  Y10  -Y19       |   J00  -J989      |
  Y400 -Y599      |   K20  -K929      |   --- G580   ---
                  |   M050 -M089      |
  --- G574  ---   |   M300 -M359      |   A000 -C97
                  |   N000 -N399      |   E100 -E149
  A000 -C97       |   R75             |   E162
  E100 -E149      |   T360 -T659      |   E40  -E899
  E162            |   X40  -X49       |   F100 -F109
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   --- G580  ---        |    --- G588  ---        |    --- G611   ---
     CONTINUED          |      CONTINUED          |
     G580               |      Y10  -Y19          |  M B200 -B24
     G600 -G64          |      Y400 -Y599         |    G611
     J00  -J989         |                         |  M R75
     K20  -K929         |    --- G589  ---         |    T388
     M050 -M089         |                         |    T458
     M300 -M359         |      A000 -C97          |    T509
     N000 -N399         |      E100 -E149         |    X44
     R75                |      E162               |    X64
     T360 -T659         |      E40  -E899         |    Y14
     X40  -X49          |      F100 -F109         |    Y428
     X60  -X69          |      G589 -G64          |    Y446
     X85  -X90          |      J00  -J989         |    Y593
     Y10  -Y19          |      K20  -K929         |
     Y400 -Y599         |      M050 -M089         |    --- G618   ---
                        |      M300 -M359         |
   --- G587  ---        |      N000 -N399         |      A000 -D489
                        |      R75                |      G618
     A000 -C97          |      T360 -T659         |      J00  -J989
     E100 -E149         |      X40  -X49          |      K20  -K929
     E162               |      X60  -X69          |      R75
     E40  -E899         |      X85  -X90          |      Y580 -Y599
     F100 -F109         |      Y10  -Y19          |
     G587               |      Y400 -Y599         |    --- G619   ---
     G600 -G64          |                         |
     J00  -J989         |    --- G600  ---         |      A000 -D489
     K20  -K929         |                         |      G619
     M050 -M089         |      G600               |      J00  -J989
     M300 -M359         |                         |      K20  -K929
     N000 -N399         |    --- G601  ---         |      R75
     R75                |                         |      Y580 -Y599
     T360 -T659         |      G601               |
     X40  -X49          |                         |    --- G620   ---
     X60  -X69          |    --- G602  ---         |
     X85  -X90          |                         |      G620
     Y10  -Y19          |      G602               |      T360 -T509
     Y400 -Y599         |                         |      X40  -X49
                        |    --- G603  ---         |      X60  -X64
   --- G588  ---        |                         |      X85
                        |      G603               |      Y10  -Y14
     A000 -C97          |                         |      Y400 -Y599
     E100 -E149         |    --- G608  ---         |
     E162               |                         |    --- G621   ---
     E40  -E899         |      G608               |
     F100 -F109         |                         |      F100 -F109
     G588               |    --- G609  ---         |      G621
     G600 -G64          |                         |      T510 -T519
     J00  -J989         |      G609               |  M T598
     K20  -K929         |                         |      X40   -X45
     M050 -M089         |    --- G610  ---         |  M X47
     M300 -M359         |                         |      X60   -X65
     N000 -N399         |      A000 -D489         |  M X67
     R75                |      G610               |      Y15
     T360 -T659         |      J00  -J989         |  M Y17
     X40  -X49          |      K20  -K929         |      Y573
     X60  -X69          |      R75                |
     X85  -X90          |      Y580 -Y599         |
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--- G622  ---     |    --- G64   ---     |    --- G708  ---
                  |       CONTINUED      |       CONTINUED
   G622           |    E40  -E899        |    X85  -X90
   T520 -T659     |    F100 -F109        |    Y10  -Y19
   T97            |    G600 -G64         |    Y400 -Y599
   X46  -X49      |    J00  -J989        |
   X66  -X69      |    K20  -K929        |    --- G709  ---
   X86  -X90      |    M050 -M089        |
   Y16  -Y19      |    M300 -M359        |    A810
                  |    N000 -N289        |    B91
   --- G628  ---  |    R75               |  M B948
                  |    T360 -T659        |    C000 -D489
   A000 -C97      |    X40  -X49         |    E050 -E069
   E100 -E149     |    X60  -X69         |    E100 -E149
   E160 -E162     |    X85  -X90         |    E320 -E329
   E40  -E899     |    Y10  -Y19         |    G20  -G219
   F100 -F109     |    Y400 -Y599        |    G300 -G319
   G600 -G64      |                      |    G700 -G709
   J00  -J989     |    --- G700  ---     |  M I600 -I698
   K20  -K929     |                      |    T360 -T659
   M050 -M089     |    C000 -D489        |    X40  -X49
   M300 -M359     |    E050 -E069        |    X60  -X69
   N000 -N289     |    E100 -E149        |    X85  -X90
   R75            |    E320 -E329        |    Y10  -Y19
   T360 -T659     |    G700 -G702        |    Y400 -Y599
   X40  -X49      |    T360 -T659        |
   X60  -X69      |    X40  -X49         |    --- G710  ---
   X85  -X90      |    X60  -X69         |
   Y10  -Y19      |    X85  -X90         |    G710
   Y400 -Y599     |    Y10  -Y19         |
                  |    Y400 -Y599        |    --- G711  ---
   --- G629  ---  |                      |
                  |    --- G701  ---     |  M C000 -D489
   A000 -C97      |                      |  M E050 -E069
   D869           |    G701              |  M E100 -E149
   E100 -E149     |    T360 -T659        |  M E320 -E329
   E160 -E162     |    X40  -X49         |  M G700 -G710
   E40  -E899     |    X60  -X69         |    G711
   F100 -F109     |    X85  -X90         |  M G712 -G729
   G600 -G64      |    Y10  -Y19         |    T360 -T659
   J00  -J989     |    Y400 -Y599        |    X40  -X49
   K20  -K929     |                      |    X60  -X69
   M050 -M089     |    --- G702  ---     |    X85  -X90
   M300 -M359     |                      |    Y10  -Y19
   N000 -N289     |    G702              |    Y400 -Y599
   R75            |                      |
   T360 -T659     |    --- G708  ---     |    --- G712  ---
   X40  -X49      |                      |
   X60  -X69      |    C000 -D489        |
   X85  -X90      |    E050 -E069        |    G712
   Y10  -Y19      |    E100 -E149        |
   Y400 -Y599     |    E320 -E329        |    --- G713  ---
                  |    G300 -G319        |
   --- G64   ---  |    G700 -G709        |    G713
                  |  M I600 -I698        |
   A000 -C97      |    T360 -T659        |    --- G718  ---
   E100 -E149     |    X40  -X49         |
   E160 -E162     |    X60  -X69         |    E100 -E149   *
                                         |    G718
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   --- G719  ---      |    --- G724  ---      |    --- G800  ---
                      |       CONTINUED       |       CONTINUED
      G719            |     X60  -X69         |     G800
                      |     X85  -X90         |     G901
   --- G720  ---      |     Y10  -Y19         |     P000 -Q079
                      |     Y400 -Y599        |   M Q758
      G720            |                       |     Q860
      T360 -T659      |    --- G728  ---      |     Q897
      X40  -X49       |                       |   M T871
      X60  -X69       |     B200 -B24         |   M T981
      X85  -X90       |     C000 -D489        |
      Y10  -Y19       |     D800 -D899        |    --- G801  ---
      Y400 -Y599      |     E010 -E079        |
                      |     E200 -E249        |     A33
   --- G721  ---      |     E271 -E279        |     A500 -A509
                      |     E850 -E859        |     G801
      F100 -F109      |     G110 -G129        |     G901
      G721            |     G35  -G379        |     P000 -Q079
      T510 -T519      |     G600 -G629        |   M Q758
      T598            |     G701 -G719        |     Q860
      X40  -X45       |     G728             |     Q897
  M X47               |     M300 -M359        |   M T871
      X60  -X65       |     R75               |   M T981
      X67             |     T360 -T659        |
      Y15             |     X40  -X49         |    --- G802  ---
  M Y17               |     X60  -X69         |
      Y573            |     X85  -X90         |     A33
                      |     Y10  -Y19         |     A500 -A509
   --- G722  ---      |     Y400 -Y599        |     G802
                      |                       |     G901
      G722            |    --- G729  ---      |     P000 -Q079
      T520 -T659      |                       |   M Q758
      T97             |     B200 -B24         |     Q860
      X46  -X49       |     C000 -D489        |     Q897
      X66  -X69       |     D800 -D899        |   M T871
      X86  -X90       |     E010 -E079        |   M T981
      Y16  -Y19       |     E200 -E249        |
                      |     E271 -E279        |    --- G803  ---
   --- G723  ---      |     E850 -E859        |
                      |     F100 -F109        |     A33
      G723            |     G110 -G129        |     A500 -A509
                      |     G35  -G379        |     G803
   --- G724  ---      |     G600 -G629        |     G901
                      |     G701 -G719        |     P000 -Q079
      C000 -D489      |     G729             |   M Q758
      D800 -D899      |     M300 -M359        |     Q860
      E010 -E079      |     R75               |     Q897
      E200 -E249      |     T360 -T659        |   M T871
      E271 -E279      |     X40  -X49         |   M T981
      E850 -E859      |     X60  -X69         |
      G110 -G129      |     X85  -X90         |    --- G804  ---
      G35  -G379      |     Y10  -Y19         |
      G600 -G629      |     Y400 -Y599        |     A33
      G701 -G719      |                       |     A500 -A509
      G724            |    --- G800  ---      |     G804
      M300 -M359      |                       |     G901
      T360 -T659      |     A33               |     P000 -Q079
      X40  -X49       |     A500 -A509        |   M Q758
```

--- G804 ---	--- G810 ---	--- G810 ---
CONTINUED	CONTINUED	CONTINUED
Q860	M A988	G000 -G239
Q897	B003 -B004	G300 -G379
M T871	B010 -B011	G450 -G459
M T981	B020 -B022	G540 -G729
	M B03 -B04	G810
--- G808 ---	B050 -B051	G900 -G98
	B060	I10
A33	B200 -B24	I600 -I709
A500 -A509	M B258	M I748
G808	B259	M J108
G901	B261 -B262	M J118
P000 -Q079	M B268	M000 -M1990
M Q758	B270 -B279	M420 -M429
Q860	M B338	M45 -M519
Q897	B375	M860 -M949
M T871	B384	N000 -N399
M T981	M B428	O100 -O16
	B450 -B459	O740 -O749
--- G809 ---	B461	O900 -O909
	M B49 -B64	O95
A33	M B673	O994
A500 -A509	M B676	P000 -Q079
G809	M B679	Q750 -Q799
G901	B690	Q860 -Q999
P000 -Q079	M B719	R270 -R278
M Q758	M B75	R75
Q860	M B832	M S000 -Y899
Q897	M B888	
M R270	M B89 -B99	--- G811 ---
M T871	C470	
M T981	C479	M A022
	C700 -C729	M A040
--- G810 ---	C751	A066
	C754	A078
M A022	M C758	A170 -A179
M A040	M C760	M A180
A066	C770	M A190 -A191
A078	C793 -C794	A203
A170 -A179	M C798 -C97	A228
M A180	M D170	A260 -A289
M A190 -A191	M D180 -D181	M A321 -A329
A203	M D210	M A368
A228	M D233 -D234	A390 -A394
A260 -A289	D320 -D339	M A398 -A399
M A321 -A329	D352	M A428
M A368	D355	M A440 -A539
A390 -A394	M D360 -D367	M A544
M A398 -A399	D420 -D439	M A548
M A428	D443	M A680 -A689
M A440 -A539	D446	M A692
M A544	M D448	A800 -A959
M A548	M D45 -D479	M A981 -A982
M A680 -A689	M D487	M A988
M A692	D489	B003 -B004
A800 -A959	E713	B010 -B011
M A981 -A982	E750 -E756	B020 -B022

--- G811 ---	--- G811 ---	--- G819 ---
CONTINUED	CONTINUED	CONTINUED
M B03 -B04	G811	M B258
B050 -B051	G900 -G98	B259
B060	I10	B261 -B262
B200 -B24	I600 -I709	M B268
M B258	M I748	B270 -B279
B259	M J108	M B338
B261 -B262	M J118	B375
M B268	M000 -M1990	B384
B270 -B279	M420 -M429	M B428
M B338	M45 -M519	B450 -B459
B375	M860 -M949	B461
B384	N000 -N399	M B49 -B64
M B428	O100 -O16	M B673
B450 -B459	O740 -O749	M B676
B461	O900 -O909	M B679
M B49 -B64	O95	B690
M B673	O994	M B719
M B676	P000 -Q079	M B75
M B679	Q750 -Q799	M B832
B690	Q860 -Q999	M B888
M B719	R270 -R278	M B89 -B99
M B75	R75	C470
M B832	M S000 -Y899	C479
M B888		C700 -C729
M B89 -B99	--- G819 ---	C751
C470		C754
C479	M A022	M C758
C700 -C729	M A040	M C760
C751	A066	C770
C754	A078	C793 -C794
M C758	A170 -A179	M C798 -C97
M C760	M A180	M D170
C770	M A190 -A191	M D180 -D181
C793 -C794	A203	M D210
M C798 -C97	A228	M D233 -D234
M D170	A260 -A289	D320 -D339
M D180 -D181	M A321 -A329	D352
M D210	M A368	D355
M D233 -D234	A390 -A394	M D360 -D367
D320 -D339	M A398 -A399	D420 -D439
D352	M A428	D443
D355	M A440 -A539	D446
M D360 -D367	M A544	M D448
D420 -D439	M A548	M D45 -D479
D443	M A680 -A689	M D487
D446	M A692	D489
M D448	A800 -A959	E713
M D45 -D479	M A981 -A982	E750 -E756
M D487	M A988	F449
D489	B003 -B004	G000 -G239
E713	B010 -B011	G300 -G379
E750 -E756	B020 -B022	G450 -G459
G000 -G239	M B03 -B04	G540 -G729
G300 -G379	B050 -B051	G819
G450 -G459	B060	G900 -G98
G540 -G729	B200 -B24	I10

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   --- G819 ---      |    --- G820 ---      |    --- G820  ---
      CONTINUED       |       CONTINUED      |       CONTINUED
      I600 -I709      |  M B268              |       M000 -M1990
M I748                |    B270 -B279        |       M420 -M429
M J108                |  M B338              |       M45  -M519
M J118                |    B375              |       M860 -M949
      M000 -M1990     |    B384              |       N000 -N399
      M420 -M429      |  M B428              |       O100 -O16
      M45  -M519      |    B450 -B459        |       O740 -O749
      M860 -M949      |    B461              |       O900 -O909
      N000 -N399      |  M B49  -B64         |       O95
      O100 -O16       |  M B673              |       O994
      O740 -O749      |  M B676              |       P000 -Q079
      O900 -O909      |  M B679              |       Q750 -Q799
      O95             |    B690              |       Q860 -Q999
      O994            |  M B719              |       R270 -R278
      P000 -Q079      |  M B75               |       R75
      Q750 -Q799      |  M B832              |  M S000 -Y899
      Q860 -Q999      |  M B888              |
      R270 -R278      |  M B89  -B99         |    --- G821  ---
      R75             |    C470              |
M S000 -Y899          |    C479              |  M A022
                      |    C700 -C729        |  M A040
   --- G820  ---      |    C751              |    A066
                      |    C754              |    A078
M A022                |  M C758              |    A170 -A179
M A040                |  M C760              |  M A180
  A066                |    C770              |  M A190 -A191
  A078                |    C793 -C794        |    A203
  A170 -A179          |  M C798 -C97         |    A228
M A180                |  M D170              |    A260 -A289
M A190 -A191          |  M D180 -D181        |  M A321 -A329
  A203                |  M D210              |  M A368
  A228                |  M D233 -D234        |    A390 -A394
  A260 -A289          |    D320 -D339        |  M A398 -A399
M A321 -A329          |    D352              |  M A428
M A368                |    D355              |  M A440 -A539
  A390 -A394          |  M D360 -D367        |  M A544
M A398 -A399          |    D420 -D439        |  M A548
M A428                |    D443              |  M A680 -A689
M A440 -A539          |    D446              |  M A692
M A544                |  M D448              |    A800 -A959
M A548                |  M D45  -D479        |  M A981 -A982
M A680 -A689          |  M D487              |  M A988
M A692                |    D489              |    B003 -B004
  A800 -A959          |    E713              |    B010 -B011
M A981 -A982          |    E750 -E756        |    B020 -B022
M A988                |    G000 -G239        |  M B03  -B04
  B003 -B004          |    G300 -G379        |    B050 -B051
  B010 -B011          |    G450 -G459        |    B060
  B020 -B022          |    G540 -G729        |    B200 -B24
M B03  -B04           |    G820              |  M B258
  B050 -B051          |    G900 -G98         |    B259
  B060                |    I10               |    B261 -B262
  B200 -B24           |    I600 -I709        |  M B268
M B258                |  M I748              |    B270 -B279
  B259                |  M J108              |  M B338
  B261 -B262          |  M J118              |    B375
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--- G821 ---	--- G821 ---	--- G822 ---
CONTINUED	CONTINUED	CONTINUED
B384	N000 -N399	M B49 -B64
M B428	O100 -O16	M B673
B450 -B459	O740 -O749	M B676
B461	O900 -O909	M B679
M B49 -B64	O95	B690
M B673	O994	M B719
M B676	P000 -Q079	M B75
M B679	Q750 -Q799	M B832
B690	Q860 -Q999	M B888
M B719	R270 -R278	M B89 -B99
M B75	R75	C470
M B832	M S000 -Y899	C479
M B888		C700 -C729
M B89 -B99	--- G822 ---	C751
C470		C754
C479	M A022	M C758
C700 -C729	M A040	M C760
C751	A066	C770
C754	A078	C793 -C794
M C758	A1690-A179	M C798 -C97
M C760	M A180	M D170
C770	M A190 -A191	M D180 -D181
C793 -C794	A203	M D210
M C798 -C97	A228	M D233 -D234
M D170	A260 -A289	D320 -D339
M D180 -D181	M A321 -A329	D352
M D210	M A368	D355
M D233 -D234	A390 -A394	M D360 -D367
D320 -D339	M A398 -A399	D420 -D439
D352	M A428	D443
D355	M A440 -A539	D446
M D360 -D367	M A544	M D448
D420 -D439	M A548	M D45 -D479
D443	M A680 -A689	M D487
D446	M A692	D489
M D448	A800 -A959	E713
M D45 -D479	M A981 -A982	E750 -E756
M D487	M A988	F449
D489	B003 -B004	G000 -G239
E713	B010 -B011	G300 -G379
E750 -E756	B020 -B022	G450 -G459
G000 -G239	M B03 -B04	G540 -G729
G300 -G379	B050 -B051	G822
G450 -G459	B060	G900 -G98
G540 -G729	B200 -B24	I10
G821	M B258	I600 -I709
G900 -G98	B259	M I748
I10	B261 -B262	M J108
I600 -I709	M B268	M J118
M I748	B270 -B279	M000 -M1990
M J108	M B338	M420 -M429
M J118	B375	M45 -M519
M000 -M1990	B384	M840 -M949 *
M420 -M429	M B428	N000 -N399
M45 -M519	B450 -B459	O100 -O16
M860 -M949	B461	O740 -O749

--- G822 ---		--- G823 ---		--- G823 ---
CONTINUED		CONTINUED		CONTINUED
O900 -O909		M B679		Q750 -Q799
O95		B690		Q860 -Q999
O994		M B719		R270 -R278
P000 -Q079		M B75		R75
Q750 -Q799		M B832		M S000 -Y899
Q860 -Q999		M B888		
R270 -R278		M B89 -B99		--- G824 ---
R75		C470		
M S000 -Y899		C479		M A022
		C700 -C729		M A040
--- G823 ---		C751		A066
		C754		A078
		M C758		A170 -A179
M A022		M C760		M A180
M A040		C770		M A190 -A191
A066		C793 -C794		A203
A078		M C798 -C97		A228
A170 -A179		M D170		A260 -A289
M A180		M D180 -D181		M A321 -A329
M A190 -A191		M D210		M A368
A203		M D233 -D234		A390 -A394
A228		D320 -D339		M A398 -A399
A260 -A289		D352		M A428
M A321 -A329		D355		M A440 -A539
M A368		M D360 -D367		M A544
A390 -A394		D420 -D439		M A548
M A398 -A399		D443		M A680 -A689
M A428		D446		M A692
M A440 -A539		M D448		A800 -A959
M A544		M D45 -D479		M A981 -A982
M A548		M D487		M A988
M A680 -A689		D489		B003 -B004
M A692		E713		B010 -B011
A800 -A959		E750 -E756		B020 -B022
M A981 -A982		G000 -G239		M B03 -B04
M A988		G300 -G379		B050 -B051
B003 -B004		G450 -G459		B060
B010 -B011		G540 -G729		B200 -B24
B020 -B022		G823		M B258
M B03 -B04		G900 -G98		B259
B050 -B051		I10		B261 -B262
B060		I600 -I709		M B268
B200 -B24		M I748		B270 -B279
M B258		M J108		M B338
B259		M J118		B375
B261 -B262		M000 -M1990		B384
M B268		M420 -M429		M B428
B270 -B279		M45 -M519		B450 -B459
M B338		M860 -M949		B461
B375		N000 -N399		M B49 -B64
B384		O100 -O16		M B673
M B428		O740 -O749		M B676
B450 -B459		O900 -O909		M B679
B461		O95		B690
M B49 -B64		O994		M B719
M B673		P000 -Q079		M B75
M B676				

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   --- G824 ---      |     --- G824  ---     |     --- G825  ---
     CONTINUED       |       CONTINUED       |       CONTINUED
 M B832              |  M S000 -Y899         |     C479
 M B888              |                       |     C700 -C729
 M B89  -B99         |     --- G825  ---     |     C751
   C470              |                       |     C754
   C479              |  M A022               |  M C758
   C700 -C729        |  M A040               |  M C760
   C751              |    A066               |     C770
   C754              |    A078               |     C793 -C794
 M C758              |    A170 -A179         |  M C798 -C97
 M C760              |  M A180               |     D166
   C770              |  M A190 -A191         |  M D170
   C793 -C794        |    A203               |  M D180 -D181
 M C798 -C97         |    A228               |  M D210
 M D170              |    A260 -A289         |  M D233 -D234
 M D180 -D181        |  M A321 -A329         |     D320 -D339
 M D210              |  M A368               |     D352
 M D233 -D234        |    A390 -A394         |     D355
   D320 -D339        |  M A398 -A399         |  M D360 -D367
   D352              |  M A428               |     D420 -D439
   D355              |  M A440 -A539         |     D443
 M D360 -D367        |  M A544               |     D446
   D420 -D439        |  M A548               |  M D448
   D443              |  M A680 -A689         |  M D45  -D479
   D446              |  M A692               |  M D487
 M D448              |    A800 -A959         |     D489
 M D45  -D479        |  M A981 -A982         |     E713
 M D487              |  M A988               |     E750 -E756
   D489              |    B003 -B004         |     G000 -G239
   E713              |    B010 -B011         |     G300 -G379
   E750 -E756        |    B020 -B022         |     G450 -G459
   G000 -G239        |  M B03  -B04          |     G540 -G729
   G300 -G379        |    B050 -B051         |     G825
   G450 -G459        |    B060               |     G900 -G98
   G540 -G729        |    B200 -B24          |     I10
   G824              |  M B258               |     I600 -I709
   G900 -G98         |    B259               |  M I748
   I10               |    B261 -B262         |  M J108
   I600 -I709        |  M B268               |  M J118
 M I748              |    B270 -B279         |     M000 -M1990
 M J108              |  M B338               |     M420 -M429
 M J118              |    B375               |     M45  -M519
   M000 -M1990       |    B384               |     M860 -M949
   M420 -M429        |  M B428               |     N000 -N399
   M45  -M519        |    B450 -B459         |     O100 -O16
   M860 -M949        |    B461               |     O740 -O749
   N000 -N399        |  M B49  -B64          |     O900 -O909
   O100 -O16         |  M B673               |     O95
   O740 -O749        |  M B676               |     O994
   O900 -O909        |  M B679               |     P000 -Q079
   O95               |    B690               |     Q750 -Q799
   O994              |  M B719               |     Q860 -Q999
   P000 -Q079        |  M B75                |     R270 -R278
   Q750 -Q799        |  M B832               |     R75
   Q860 -Q999        |  M B888               |  M S000 -Y899
   R270 -R278        |  M B89  -B99          |
   R75               |    C470               |
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--- G830 ---	--- G830 --- CONTINUED	--- G831 --- CONTINUED
M A022	M C758	A170 -A179
M A040	M C760	M A180
A066	C770	M A190 -A191
A078	C793 -C794	A203
A170 -A179	M C798 -C97	A228
M A180	M D170	A260 -A289
M A190 -A191	M D180 -D181	M A321 -A329
A203	M D210	M A368
A228	M D233 -D234	A390 -A394
A260 -A289	D320 -D339	M A398 -A399
M A321 -A329	D352	M A428
M A368	D355	M A440 -A539
A390 -A394	M D360 -D367	M A544
M A398 -A399	D420 -D439	M A548
M A428	D443	M A680 -A689
M A440 -A539	D446	M A692
M A544	M D448	A800 -A959
M A548	M D45 -D479	M A981 -A982
M A680 -A689	M D487	M A988
M A692	D489	B003 -B004
A800 -A959	E713	B010 -B011
M A981 -A982	E750 -E756	B020 -B022
M A988	G000 -G239	M B03 -B04
B003 -B004	G300 -G379	B050 -B051
B010 -B011	G450 -G459	B060
B020 -B022	G540 -G729	B200 -B24
M B03 -B04	G830	M B258
B050 -B051	G900 -G98	B259
B060	I10	B261 -B262
B200 -B24	I600 -I709	M B268
M B258	M I748	B270 -B279
B259	M J108	M B338
B261 -B262	M J118	B375
M B268	M000 -M1990	B384
B270 -B279	M420 -M429	M B428
M B338	M45 -M519	B450 -B459
B375	M860 -M949	B461
B384	N000 -N399	M B49 -B64
M B428	O100 -O16	M B673
B450 -B459	O740 -O749	M B676
B461	O900 -O909	M B679
M B49 -B64	O95	B690
M B673	O994	M B719
M B676	P000 -Q079	M B75
M B679	Q750 -Q799	M B832
B690	Q860 -Q999	M B888
M B719	R270 -R278	M B89 -B99
M B75	R75	C470
M B832	M S000 -Y899	C479
M B888		C700 -C729
M B89 -B99	--- G831 ---	C751
C470		C754
C479	M A022	M C758
C700 -C729	M A040	M C760
C751	A066	C770
C754	A078	C793 -C794

```
   --- G831 ---     |      --- G832 ---      |      --- G832  ---
     CONTINUED      |        CONTINUED       |        CONTINUED
M C798 -C97         |      A203              |    M D210
M D170              |      A228              |    M D233 -D234
M D180 -D181        |      A260 -A289        |      D320 -D339
M D210              |    M A321 -A329        |      D352
M D233 -D234        |    M A368              |      D355
  D320 -D339        |      A390 -A394        |    M D360 -D367
  D352              |    M A398 -A399        |      D420 -D439
  D355              |    M A428              |      D443
M D360 -D367        |    M A440 -A539        |      D446
  D420 -D439        |    M A544              |    M D448
  D443              |    M A548              |    M D45  -D479
  D446              |    M A680 -A689        |    M D487
M D448              |    M A692              |      D489
M D45  -D479        |      A800 -A959        |      E713
M D487              |    M A981 -A982        |      E750 -E756
  D489              |    M A988              |      F449
  E713              |      B003 -B004        |      G000 -G239
  E750 -E756        |      B010 -B011        |      G300 -G379
  F449              |      B020 -B022        |      G450 -G459
  G000 -G239        |    M B03  -B04         |      G540 -G729
  G300 -G379        |      B050 -B051        |      G832
  G450 -G459        |      B060              |      G900 -G98
  G540 -G729        |      B200 -B24         |      I10
  G831              |    M B258              |      I600 -I709
  G900 -G98         |      B259              |    M I748
  I10               |      B261 -B262        |    M J108
  I600 -I709        |    M B268              |    M J118
M I748              |      B270 -B279        |      M000 -M1990
M J108              |    M B338              |      M420 -M429
M J118              |      B375              |      M45  -M519
  M000 -M1990       |      B384              |      M860 -M949
  M420 -M429        |    M B428              |      N000 -N399
  M45  -M519        |      B450 -B459        |      O100 -O16
  M860 -M949        |      B461              |      O740 -O749
  N000 -N399        |    M B49  -B64         |      O900 -O909
  O100 -O16         |    M B673              |      O95
  O740 -O749        |    M B676              |      O994
  O900 -O909        |    M B679              |      P000 -Q079
  O95               |      B690              |      Q750 -Q799
  O994              |    M B719              |      Q860 -Q999
  P000 -Q079        |    M B75              |      R270 -R278
  Q750 -Q799        |    M B832              |      R75
  Q860 -Q999        |    M B888              |    M S000 -Y899
  R270 -R278        |    M B89  -B99         |
  R75               |      C470              |      --- G833  ---
M S000 -Y899        |      C479              |
                    |      C700 -C729        |    M A022
   --- G832 ---     |      C751              |    M A040
                    |      C754              |      A066
                    |    M C758              |      A078
M A022              |    M C760              |      A170 -A179
M A040              |      C770              |    M A180
  A066              |      C793 -C794        |    M A190 -A191
  A078              |    M C798 -C97         |      A203
  A170 -A179        |    M D170              |      A228
M A180              |    M D180 -D181        |      A260 -A289
M A190 -A191        |                        |
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                    D-162   (10-04)
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--- G833 ---	--- G833 ---	--- G834 ---
CONTINUED	CONTINUED	CONTINUED
M A321 -A329	D352	M A398 -A399
M A368	D355	M A428
A390 -A394	M D360 -D367	M A440 -A539
M A398 -A399	D420 -D439	M A544
M A428	D443	M A548
M A440 -A539	D446	M A680 -A689
M A544	M D448	M A692
M A548	M D45 -D479	A800 -A959
M A680 -A689	M D487	M A981 -A982
M A692	D489	M A988
A800 -A959	E713	B003 -B004
M A981 -A982	E750 -E756	B010 -B011
M A988	F449	B020 -B022
B003 -B004	G000 -G239	M B03 -B04
B010 -B011	G300 -G379	B050 -B051
B020 -B022	G450 -G459	B060
M B03 -B04	G540 -G729	B200 -B24
B050 -B051	G833	M B258
B060	G900 -G98	B259
B200 -B24	I10	B261 -B262
M B258	I600 -I709	M B268
B259	M I748	B270 -B279
B261 -B262	M J108	M B338
M B268	M J118	B375
B270 -B279	M000 -M1990	B384
M B338	M420 -M429	M B428
B375	M45 -M519	B450 -B459
B384	M860 -M949	B461
M B428	N000 -N399	M B49 -B64
B450 -B459	O100 -O16	M B673
B461	O740 -O749	M B676
M B49 -B64	O900 -O909	M B679
M B673	O95	B690
M B676	O994	M B719
M B679	P000 -Q079	M B75
B690	Q750 -Q799	M B832
M B719	Q860 -Q999	M B888
M B75	R270 -R278	M B89 -B99
M B832	R75	C470
M B888	M S000 -Y899	C479
M B89 -B99		C700 -C729
C470		C751
C479	--- G834 ---	C754
C700 -C729		M C758
C751	M A022	M C760
C754	M A040	C770
M C758	A066	C793 -C794
M C760	A078	M C798 -C97
C770	A170 -A179	M D170
C793 -C794	M A180	M D180 -D181
M C798 -C97	M A190 -A191	M D210
M D170	A203	M D233 -D234
M D180 -D181	A228	D320 -D339
M D210	A260 -A289	D352
M D233 -D234	M A321 -A329	D355
D320 -D339	M A368	M D360 -D367
	A390 -A394	

--- G834 ---	--- G838 ---	--- G838 ---
CONTINUED	CONTINUED	CONTINUED
D420 -D439	M A548	M D45 -D479
D443	M A680 -A689	M D487
D446	M A692	D489
M D448	A800 -A959	E713
M D45 -D479	M A981 -A982	E750 -E756
M D487	M A988	G000 -G239
D489	B003 -B004	G300 -G379
E713	B010 -B011	G450 -G459
E750 -E756	B020 -B022	G540 -G729
G000 -G239	M B03 -B04	G838
G300 -G379	B050 -B051	G900 -G98
G450 -G459	B060	I10
G540 -G729	B200 -B24	I600 -I709
G834	M B258	M I748
G900 -G98	B259	M J108
I10	B261 -B262	M J118
I600 -I709	M B268	M000 -M1990
M I748	B270 -B279	M420 -M429
M J108	M B338	M45 -M519
M J118	B375	M860 -M949
M000 -M1990	B384	N000 -N399
M420 -M429	M B428	O100 -O16
M45 -M519	B450 -B459	O740 -O749
M860 -M949	B461	O900 -O909
N000 -N399	M B49 -B64	O95
O100 -O16	M B673	O994
O740 -O749	M B676	P000 -Q079
O900 -O909	M B679	Q750 -Q799
O95	B690	Q860 -Q999
O994	M B719	R270 -R278
P000 -Q079	M B75	R75
Q750 -Q799	M B832	M S000 -Y899
Q860 -Q999	M B888	
R270 -R278	M B89 -B99	--- G839 ---
R75	C470	
M S000 -Y899	C479	M A022
	C700 -C729	M A040
--- G838 ---	C751	A066
	C754	A078
M A022	M C758	A170 -A179
M A040	M C760	M A180
A066	C770	M A190 -A191
A078	C793 -C794	A203
A170 -A179	M C798 -C97	A228
M A180	M D170	A260 -A289
M A190 -A191	M D180 -D181	M A321 -A329
A203	M D210	M A368
A228	M D233 -D234	A390 -A394
A260 -A289	D320 -D339	M A398 -A399
M A321 -A329	D352	M A428
M A368	D355	M A440 -A539
A390 -A394	M D360 -D367	M A544
M A398 -A399	D420 -D439	M A548
M A428	D443	M A680 -A689
M A440 -A539	D446	M A692
M A544	M D448	A800 -A959

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   --- G839 ---      |    --- G839 ---      |    --- G902  ---
      CONTINUED       |       CONTINUED       |       CONTINUED
M A981 -A982          |     D446              |     I829
M A988                |   M D448              |     S000 -S199
    B003 -B004        |   M D45  -D479        |   M S345
    B010 -B011        |   M D487              |   M T062
    B020 -B022        |     D489              |     T093
M B03  -B04           |     E713              |   M T094
    B050 -B051        |     E750 -E756        |     T144
    B060              |     F449              |   M V010 -Y899
    B200 -B24         |     G000 -G239        |
M B258                |     G300 -G379        |    --- G903  ---
    B259              |     G450 -G459        |
    B261 -B262        |     G540 -G729        |     B200 -B24
M B268                |     G839 -G98         |     G903
    B270 -B279        |     I10               |     R75
M B338                |     I600 -I709        |
    B375              |   M I748              |    --- G908  ---
    B384              |   M J108              |
M B428                |   M J118              |     A810          *
    B450 -B459        |     M000 -M1990       |     B200 -B24
    B461              |     M420 -M429        |     E050 -E059
M B49  -B64           |     M45  -M519        |     E104
M B673                |     M860 -M949        |     E114
M B676                |     N000 -N399        |     E124
M B679                |     O100 -O16         |     E134
    B690              |     O740 -O749        |     E144
M B719                |     O900 -O909        |     E147 -E149
M B75                 |     O95               |     E349
M B832                |     O994              |     E850 -E859
M B888                |     P000 -Q079        |     E880 -E889
M B89           *     |     Q750 -Q799        |     G908
    B900          *   |     Q860 -Q999        |     M100 -M109
M B901 -B909    *     |     R270 -R278        |     R75
    B91           *   |     R75               |
M B92  -B940    *     |   M S000 -Y899        |    --- G909  ---
    B941          *   |                       |
    B948 -B949    *   |    --- G900  ---       |     B200 -B24
    C470              |                       |     E050 -E059
    C479              |     G900              |     E104
    C700 -C729        |                       |     E114
    C751              |    --- G901  ---       |     E124
    C754              |                       |     E134
M C758                |     G901              |     E144
M C760                |                       |     E147 -E149
    C770              |    --- G902  ---       |     E349
    C793 -C794        |                       |     E850 -E859
M C798 -C97           |     A520              |     E880 -E889
M D170                |   M C000 -C33         |     G20  -G219
M D180 -D181          |     C340 -C349        |     G909
M D210                |   M C37  -D489        |     M100 -M109
M D233 -D234          |     E049              |     R75
    D320 -D339        |   M G08               |
    D352              |     G902              | --- G910 -G918  ---
    D355              |   M G951              |
M D360 -D367          |     I630              |   M A000 -B99
    D420 -D439        |     I633              |     C710 -C729
    D443              |     I676              |     C793 -C794
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--- G910 -G918  --- |    --- G919  ---    |    --- G932   ---
     CONTINUED       |      CONTINUED      |      CONTINUED
     C80             |      G900 -G98      |      H950 -J80
  M  C810 -C97       |      I600 -I709     |      J82  -J989
     D320 -D339      |      I720           |      K700 -K769
     D369            |      I728           |   M  L00  -L989
     D420 -D439      |      M300 -M359     |      M000 -N399
     D489            |   M  P000 -P969     |      N700 -N889
     E713            |      Q000 -Q079     |      O000 -Q999
     E750 -E756      |      Q281           |      R02
     G000 -G379      |      Q2830          |      R040 -R049
     G450 -G459      |      Q760 -Q799     |      R060 -R068
     G600            |      Q860 -Q999     |      R090 -R092
  M  G608            |      R298           |      R291
     G712            |      R75            |      R400 -R402
     G800 -G809      |      S000 -S199     |      R54
     G900 -G98       |      T900 -T909     |      R560 -R5800
     I600 -I709      |   M  T910 -T919     |      R600 -R609
     I720            |   M  V010 -Y899     |      R630
     I728            |                     |      R75
     M300 -M359      |                     |      S000 -Y899
  M  P000 -P969      |    --- G92    ---   |
     Q000 -Q079      |                     |
     Q281            |      G92            |     --- G933   ---
     Q2830           |      N19            |
     Q760 -Q799      |      T360 -T659     |      A800 -A89
     Q860 -Q999      |      T880 -T887     |      B200 -B24
     R298            |      T96  -T97      |      B348
     R75             |   M  T983          |      G933
     S000 -S199      |      X40  -X49      |      K700 -K769
     T900 -T909      |      X60  -X69      |      R75
  M  T910 -T919      |      X85  -X90      |
  M  V010 -Y899      |      Y10  -Y19      |  --- G934 -G936   ---
                     |      Y400 -Y599     |
    --- G919  ---    |   M  Y86  -Y872     |      A000 -F199
                     |      Y880          |   M  F200 -F99
                     |                     |      G000 -G98
  M  A000 -B99       |    --- G930  ---    |      H600 -H749
     C710 -C729      |                     |      H950 -J80
     C751            |      B200 -B24      |      J82  -J989
     C793 -C794      |      G930           |      K700 -K769
  M  C798            |      K700 -K769     |   M  L00  -L989
     C80             |      R75            |      M000 -N399
  M  C810 -C97       |                     |      N700 -N889
  M  D093            |    --- G931  ---    |      O000 -Q999
     D320 -D339      |                     |      R02
     D352            |      A000 -R825     |      R040 -R049
     D369            |   M  R826           |      R060 -R068
     D420 -D439      |      R827 -R892     |      R090 -R092
     D443            |   M  R893           |      R291
     D489            |      R894 -R961     |      R400 -R402
     E713            |      R98  -Y899     |      R54
     E750 -E756      |                     |      R560 -R5800
     G000 -G379      |    --- G932  ---    |      R600 -R609
     G450 -G459      |                     |      R630
     G600            |      A000 -F199     |      R75
  M  G608            |   M  F200 -F99      |      S000 -Y899
     G712            |      G000 -G98      |
     G800 -G809      |      H600 -H749     |
```

--- G937 ---		--- G939 ---		--- G958 ---
		CONTINUED		CONTINUED
B010 -B019		R02		M J390
B948		R040 -R049		M M000 -M1990
E700 -E899		R060 -R068		M300 -M359
G937		R090 -R092		M45 -M549
J100 -J118		R291		M800 -M819
K700 -K769		R400 -R402		M840 -M844
T64		R54		M870
X49		R560 -R5800		M890 -M899
X69		R600 -R609		P000 -Q079
Y19		R630		Q250 -Q289
Y451		R75		Q850 -Q999
		S000 -Y899		R75
--- G938 ---				M S000 -Y899
		--- G950 ---		
A000 -F199				--- G959 ---
M F200 -F99		G950		
G000 -G98				M A000 -B99
H600 -H749		--- G951 -G952 ---		C000 -D489
H950 -I029				M D510 -D539
I090		M A000 -B99		M E530 -E539
I092 -I319		C000 -D489		G000 -G129
I400 -J80		M D510 -D539		G950 -G959
J82 -J989		M E530 -E539		G961
K700 -K769		G000 -G129		I10 -I139
M L00 -L989		G950 -G959		I600 -I709
M000 -N399		G961		I749
N700 -N889		I10 -I139		M M000 -M1990
O000 -Q999		I600 -I709		M300 -M359
R02		I749		M45 -M549
R040 -R049		M M000 -M1990		M800 -M819
R060 -R068		M300 -M359		M840 -M844
R090 -R092		M45 -M549		M870
R291		M800 -M819		M890 -M899
R400 -R402		M840 -M844		P000 -Q079
R54		M870		Q250 -Q289
R560 -R5800		M890 -M899		Q850 -Q999
R600 -R609		P000 -Q079		R75
R630		Q250 -Q289		M S000 -Y899
R75		Q850 -Q999		
S000 -T750 *		R75		--- G960 ---
M T751 *		M S000 -Y899		
T752 -Y899 *				A000 -F199
		--- G958 ---		M F200 -F99
--- G939 ---				G000 -G98
		M A000 -B99		H600 -H749
A000 -F199		C000 -D489		H950 -I029
M F200 -F99		M D510 -D539		I090
G000 -G98		M E530 -E539		I092 -I319
H600 -H749		M F110 -F169		I400 -J80
H950 -J80		M F180 -F199		J82 -J989
J82 -J989		G000 -G129		M L00 -L989
K700 -K769		G950 -G959		M000 -N399
M L00 -L989		G961		N700 -N889
M000 -N399		I10 -I139		O000 -Q999
N700 -N889		I600 -I709		R02
O000 -Q999		I749		R040 -R049

--- G960 ---	--- G971 ---	--- H050 ---
CONTINUED	CONTINUED	CONTINUED
R060 -R068	M Y883	M F440 -F449
R090 -R092		F480 -F489
R291	--- G972 ---	M F531
R400 -R402		M F54
R54	G972	F55
R560 -R5800	Y831 -Y832	M F59
R600 -R609	M Y883	F600 -F61
R630		F680 -F79
R75	--- G978 ---	F840 -F849
S000 -Y899		F99 -G419
	G978	G450 -G459
--- G961 ---	Y600 -Y849	M G588 -G589
	Y881	G600 -H000
	Y883	H010
A1690-A179		M H018
B200 -B24	--- G979 ---	H050
G961		M H058
R75	G979	H600 -H709
	Y600 -Y849	H720 -H739
--- G968 -G969 ---	Y881	H950 -J181
	Y883	J188 -J80
A000 -F199		J82 -J989
M F200 -F99	--- G98 ---	K050 -K054
G000 -G98		K060
H600 -H749	A000 -F199	K102 -K103
H950 -I029	M F200 -F99	K112 -K115
I090	G000 -G98	K140
I092 -I319	H600 -H749	K20 -L109
I400 -J80	H950 -I029	L120 -L279
J82 -J989	I090	L300 -L42
M L00 -L989	I092 -I319	L440
M000 -N399	I400 -J80	L444
N700 -N889	J82 -J989	M L448 -L449
O000 -Q999	M L00 -L989	L510 -L569
R02	M000 -N399	L580 -L599
R040 -R049	N700 -N889	L710 -L719
R060 -R068	O000 -Q999	L88
R090 -R092	R02	L920
R291	R040 -R049	L928 -L932
R400 -R402	R060 -R068	L945 -L949
R54	R090 -R092	L951
R560 -R5800	R291	L980
R600 -R609	R400 -R402	M L982 -L984
R630	R54	M L988 -L989
R75	R560 -R5800	M000 -N434
S000 -Y899	R600 -R609	N700 -N889
	R630	N990 -Q999
--- G970 ---	R75	R02
	S000 -Y899	R75
G970		M R788
M Y848	--- H050 ---	S000 -Y899
M Y883		
	A000 -F319	--- H051 ---
--- G971 ---	M F320 -F339	
	F340 -F429	B200 -B24
G971	M F431	H051
M Y848		

```
--- H051  ---       |    --- H103  ---       |    --- H168  ---
   CONTINUED        |       CONTINUED        |       CONTINUED
   R75              |    H161 -H162          |    E509
                    |                        |    H168
--- H052  ---       |    --- H104  ---       |
                    |                        |    --- H169  ---
 B200 -B24          |    H104                |
 H052               |    H161 -H162          |    B059
 R75                |                        |    H169
                    |    --- H105  ---       |
--- H053  ---       |                        |    --- H178  ---
                    |    H105                |
 B200 -B24          |    H161 -H162          |    E100 -E149
 H053               |                        |    E509
 R75                |    --- H108  ---       |    H178
                    |                        |
--- H054  ---       |    H108                |    --- H179  ---
                    |    H161 -H162          |
 B200 -B24          |                        |    E100 -E149
 H054               |    --- H109  ---       |    H179
 R75                |                        |
                    |    H109                |    --- H184  ---
--- H055  ---       |    H161 -H162          |
                    |                        |    E509
 B200 -B24          |    --- H111  ---       |    H184
 H055               |                        |
 R75                |    E509                |    --- H188  ---
                    |    H111                |
--- H058  ---       |                        |    E509
                    |    --- H160  ---       |    H188
 B200 -B24          |                        |
 H058               |    B059                |    --- H200  ---
 R75                |    E509                |
                    |    H160                |    B589
--- H059  ---       |                        |    E100 -E149
                    |    --- H161  ---       |    H200
 B200 -B24          |                        |
 H059               |    B059                |    --- H201  ---
 R75                |    H161                |
                    |                        |    B589
--- H100  ---       |    --- H162  ---       |    E100 -E149
                    |                        |    H201
 H100               |    B059                |
 H161 -H162         |    H162                |    --- H202  ---
                    |                        |
--- H101  ---       |    --- H163  ---       |    B589
                    |                        |    H202
 H101               |    B059                |
 H161 -H162         |    H163                |    --- H208  ---
                    |                        |
--- H102  ---       |    --- H164  ---       |    B589
                    |                        |    E100 -E149
 H102               |    B059                |    H208
 H161 -H162         |    H164                |
                    |                        |    --- H209  ---
--- H103  ---       |    --- H168  ---       |
                    |                        |    B589
 H103               |    B059                |    E100 -E149
```

```
   --- H209 ---      |    --- H300 ---      |    --- H309 ---
     CONTINUED       |      CONTINUED       |      CONTINUED
      H209           |  M A1690             |       A185
                     |    A185              |       A500
   --- H262 ---      |    A500              |       A502
                     |    A502              |       A509
 M A1690             |    A509              |  M A514
 M B200 -B24         |  M A514              |    A519
   H200 -H209        |    A519              |  M A527
   H262              |  M A527              |    A529
 M R75               |    A529              |    A539
                     |    A539              |  M B200 -B24
   --- H264 ---      |  M B200 -B24         |    E100 -E149
                     |    E100 -E149        |    H302 -H309
 M A1690             |    H300              |    I700 -I702
 M B200 -B24         |    H302 -H309        |    I709
   E100 -E149        |  M R75               |  M R75
   E160 -E162        |                      |
   E711              |    --- H301 ---      |    --- H332 ---
   E742              |                      |
   E830              |    A165              |    H332
   E835              |  M A1690             |    H352
   H264              |    A185              |
   H269              |    A500              |    --- H350 ---
   H579              |    A502              |
   R54               |    A509              |    A1690
 M R75               |  M A514              |    A185
   T66               |    A519              |    B200 -B24
   Y493              |  M A527              |    E100 -E149
   Y540              |    A529              |    H350
   Y576              |    A539              |    I10
                     |  M B200 -B24         |    I700 -I709
   --- H268 ---      |    E100 -E149        |    R75
                     |    H301 -H309        |
   H268              |  M R75               |    --- H356 ---
   H409              |                      |
                     |  --- H302 -H308 ---  |    E100 -E149
   --- H269 ---      |                      |    H356
                     |    A165              |
 M A1690             |  M A1690             |    --- H409 ---
 M B200 -B24         |    A185              |
   E100 -E149        |    A500              |    A1690
   E160 -E162        |    A502              |    A539
   E711              |    A509              |  M B200 -B24
   E742              |  M A514              |    H209
   E830              |    A519              |    H409
   E835              |  M A527              |    H440
   H269              |    A529              |  M R75
   R54               |    A539              |
 M R75               |  M B200 -B24         |    --- H440 ---
   T66               |    E100 -E149        |
   Y493              |    H302 -H309        |    A010 -C148
   Y540              |  M R75               |    C300 -C329
   Y576              |                      |    C410 -C411
                     |    --- H309 ---      |    C430 -C434
   --- H300 ---      |                      |    C440 -C444
                     |    A165              |    C462
      A165           |  M A1690             |  M C467
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

```
  --- H440  ---        |    --- H446  ---       |   --- H490 -H498  ---
     CONTINUED         |                        |       CONTINUED
     C490              |     B200 -B24          |       B261 -B262
     C690 -C729        |     H446               |       B451
     C792 -C794        |     R75                |       B457
M    C795 -C798        |                        |       B500 -B64
     D100 -D119        |    --- H447  ---       |       B89  -B908
     D164 -D165        |                        |       B91
     D210              |     B200 -B24          |       B941
     D220 -D224        |     H447               |       B948 -B99
     D230 -D234        |     R75                |    M  C000 -C699
     D310 -D339        |                        |       C700 -C729
     D860 -D869        |    --- H448  ---       |    M  C73  -C792
     H000 -H019        |                        |       C793 -C795
     H160 -H169        |     B200 -B24          |    M  C798
     H200 -H209        |     H448               |       C80  -C969
     H300 -H319        |     R75                |    M  C97
     H440 -H441        |                        |       D166
M    H600              |    --- H449  ---       |       D320 -D339
M    J340              |                        |       D420 -D439
M    K122              |     B200 -B24          |    M  D480 -D481
     L020 -L021        |     H449               |    M  D487
     L032              |     R75                |       D489
M    L038              |                        |    M  D860 -D869
     L89               |    --- H471  ---       |       G000 -G379
     M320 -M359        |                        |       G450 -G459
     R75               |   M A1690              |       G520 -G98
                       |   M A520 -A521         |       H490 -H499
  --- H441  ---        |   M A527               |    M  H590 -H599
                       |     A539               |       I10
     B200 -B24         |   M B200 -B24          |       I600 -I709
     H441              |     G910 -G919         |    M  I748
     R75               |     H471               |    M  J108
                       |   M R75                |    M  J118
  --- H442  ---        |                        |       M000 -M1990
                       |  --- H490 -H498  ---   |       M420 -M429
     B200 -B24         |                        |       M45  -M519
     H442              |     A022               |       M860 -M889
     R75               |     A066               |       M894
                       |   M A1690              |       M910 -M939
  --- H443  ---        |     A170 -A179         |       M961
                       |   M A180               |       N000 -N399
     B200 -B24         |     A260 -A269         |       N990 -N991
     H443              |     A280 -A289         |       N994 -N999
     R75               |     A320 -A329         |       O100 -O11
                       |     A390 -A419         |       O13  -O16
  --- H444  ---        |     A440 -A449         |       O225
                       |     A500 -A539         |       O292
     B200 -B24         |     A548               |       O743
     H444              |     A680 -A689         |       O873
     R75               |     A750 -A99          |       O892
                       |     B003 -B004         |    M  O96  -O97
  --- H445  ---        |   M B010 -B019         |       P000 -Q079
                       |     B020 -B022         |       Q750 -Q999
     B200 -B24         |     B03                |       R270 -R278
     H445              |     B050 -B051         |       R75
     R75               |     B060               |       S010 -S029
                       |     B200 -B24          |       S040 -S049
```

```
--- H490 -H498  --- |    --- H499  ---    |    --- H499   ---
      CONTINUED      |       CONTINUED     |       CONTINUED
     S060 -S091      |     C700 -C729      |     S320 -S322
     S097 -S099      |   M C73  -C792      |     S328
     S110 -S129      |     C793 -C795      |     S340 -S348
     S140 -S199      |   M C798            |     S381
     S220 -S221      |     C80  -C969      |     S383 -S390
     S230 -S231      |   M C97             |     S397 -S398
     S240 -S242      |     D166            |     T07  -T08
     S310            |     D320 -D339      |     T093 -T094
     S320 -S322      |     D420 -D439      |     T560
     S328            |   M D480 -D481      |     T800 -T911
     S340 -S348      |   M D487            |     T913
     S381            |     D489            |     T918 -T919
     S383 -S390      |   M D860 -D869      |   M T97
     S397 -S398      |     E100 -E149   *  |     T983
     T07  -T08       |     G000 -G379      |   M V010 -Y899
     T093 -T094      |     G450 -G459      |
     T560            |     G520 -G98       |    --- H531   ---
     T800 -T911      |     H490 -H499      |
     T913            |   M H590 -H599      |     E509
     T918 -T919      |     I10             |     H531
   M T97             |     I600 -I709      |
     T983            |   M I748            |    --- H534   ---
   M V010 -Y899      |   M J108            |
                     |   M J118            |   M A1690
    --- H499   ---   |     M000 -M1990     |   M A539
                     |     M420 -M429      |   M B200 -B24
     A022            |     M45  -M519      |     H534
     A066            |     M860 -M889      |     I600 -I698
   M A1690           |     M894            |   M R75
     A170 -A179      |     M910 -M939      |
   M A180            |     M961            |    --- H536   ---
     A260 -A269      |     N000 -N399      |
     A280 -A289      |     N990 -N991      |     E509
     A320 -A329      |     N994 -N999      |     H536
     A390 -A419      |     O100 -O11       |
     A440 -A449      |     O13  -O16       |    --- H540   ---
     A500 -A539      |     O225            |
     A548            |     O292            |   M A1690
     A680 -A689      |     O743            |     B200 -B24
     A750 -A99       |     O873            |     C690 -C729
     B003 -B004      |     O892            |     C793 -C794
   M B010 -B019      |   M O96  -O97       |     C80
     B020 -B022      |     P000 -Q079      |     D092
     B03             |     Q750 -Q999      |     D310 -D339
     B050 -B051      |     R270 -R278      |     D369
     B060            |     R75             |     D420 -D439
     B200 -B24       |     S010 -S029      |     D489
     B261 -B262      |     S040 -S049      |     F449
     B451            |     S060 -S091      |     H400 -H409
     B457            |     S097 -S099      |     H540
     B500 -B64       |     S110 -S129      |     R54
     B89  -B908      |     S140 -S199      |     R75
     B91             |     S220 -S221      |
     B941            |     S230 -S231      |    --- H541   ---
     B948 -B99       |     S240 -S242      |
   M C000 -C699      |     S310            |     B200 -B24
```

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                              TABLE D
         CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


    --- H541  ---    |    --- H545  ---    |    --- H598  ---
      CONTINUED      |      CONTINUED      |      CONTINUED
    C690 -C729       |    C690 -C729       |    Y883
    C793 -C794       |    C793 -C794       |
    C80              |    C80              |    --- H599  ---
    D092             |    D092             |
    D310 -D339       |    D310 -D339       |  M B200 -B24
    D369             |    D369             |    H599
    D420 -D439       |    D420 -D439       |  M R75
    D489             |    D489             |    Y600 -Y849
    H541             |    H545             |    Y881
    R75              |    R75              |    Y883
                     |                     |
    --- H542  ---    |    --- H546  ---    | --- H650 -H669  ---
                     |                     |
    B200 -B24        |    B200 -B24        |  M A162
    C690 -C729       |    C690 -C729       |  M A164
    C793 -C794       |    C793 -C794       |  M A169
    C80              |    C80              |    A1690
    D092             |    D092             |    A186
    D310 -D339       |    D310 -D339       |    A35  -A419
    D369             |    D369             |    A46
    D420 -D439       |    D420 -D439       |    A70
    D489             |    D489             |    B050 -B059
    H542             |    H546             |    B084 -B085
    R75              |    R75              |  M B088
                     |                     |  M B200 -B24
    --- H543  ---    |    --- H547  ---    |    B260 -B279
                     |                     |    B330 -B332
    B200 -B24        |    B200 -B24        |  M B341
    C690 -C729       |    C690 -C729       |    C300 -C319
    C793 -C794       |    C793 -C794       |  M C783
    C80              |    C80              |  M C798
    D092             |    D092             |  M C820 -C829
    D310 -D339       |    D310 -D339       |  M C836
    D369             |    D369             |  M C838 -C841
    D420 -D439       |    D420 -D439       |  M C857 -C859
    D489             |    D489             |  M C914
    H543             |    H547             |  M C960 -C969
    R75              |    R75              |  M D023
                     |                     |  M D140
    --- H544  ---    |    --- H590  ---    |  M D385 -D386
                     |                     |    H600 -H709
    B200 -B24        |  M B200 -B24        |    H720 -H739
    C690 -C729       |    H590             |    H950 -H959
    C793 -C794       |  M R75              |    J00  -J989
    C80              |    Y830 -Y832       |  M R75
    D092             |    Y834             |    R788
    D310 -D339       |    Y836 -Y839       |    Y400 -Y599
    D369             |  M Y883             |
    D420 -D439       |                     |    --- H680  ---
    D489             |    --- H598  ---    |
    H544             |                     |    B200 -B24
    R75              |  M B200 -B24        |    H680
                     |    H598             |    R75
    --- H545  ---    |  M R75              |
                     |    Y600 -Y849       |
    B200 -B24        |    Y881             |

                       D-173   (10-04)
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 --- H681  ---      |   --- H721  ---      |   --- H741   ---
                    |                      |       CONTINUED
  B200 -B24         |    B200 -B24         |   R75
  H681              |    H721              |
  R75               |    R75               |   --- H742  ---
                    |                      |
 --- H690  ---      |   --- H722  ---      |    B200 -B24
                    |                      |    H742
  B200 -B24         |    B200 -B24         |    R75
  H690              |    H722              |
  R75               |    R75               |   --- H743  ---
                    |                      |
 --- H698  ---      |   --- H728  ---      |    B200 -B24
                    |                      |    H743
  B200 -B24         |    B200 -B24         |    R75
  H698              |    H728              |
  R75               |    R75               |   --- H744  ---
                    |                      |
 --- H699  ---      |   --- H729  ---      |    B200 -B24
                    |                      |    H744
  B200 -B24         |    B200 -B24         |    R75
  H699              |    H729              |
  R75               |    R75               |   --- H748  ---
                    |                      |
--- H700 -H709  --- |   --- H730  ---      |    B200 -B24
                    |                      |    H748
 M A162             |    B200 -B24         |    R75
 M A164             |    H730              |
 M A169             |    R75               |   --- H749  ---
   A1690            |                      |
 M A180             |   --- H731  ---      |    B200 -B24
   B200 -B24        |                      |    H749
   C000 -C148       |    B200 -B24         |    R75
 M C411             |    H731              |
 M C457             |    R75               |   --- H810  ---
   C462             |                      |
 M C470             |   --- H738  ---      |    B200 -B24
 M C810 -C969       |                      |    H810
   H600 -H709       |    B200 -B24         |    R75
   H720 -H739       |    H738              |
   H950 -H959       |    R75               |   --- H811  ---
   J00              |                      |
   J060 -J069       |   --- H739  ---      |    B200 -B24
   J399             |                      |    H811
   R75              |    B200 -B24         |    R75
 M Y836             |    H739              |
                    |    R75               |   --- H812  ---
  --- H71   ---     |                      |
                    |   --- H740  ---      |    B200 -B24
   B200 -B24        |                      |    H812
   H71              |    B200 -B24         |    R75
   R75              |    H740              |
                    |    R75               |   --- H813  ---
  --- H720  ---     |                      |
                    |   --- H741  ---      |    B200 -B24
   B200 -B24        |                      |    H813
   H720             |    B200 -B24         |    R75
   R75              |    H741              |
```

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    --- H814 ---     |     --- H951  ---    |     --- I10   ---
                     |        CONTINUED     |        CONTINUED
    B200 -B24        |   M C411             |   M A188
    H814             |   M C457             |   M A500 -A539
    R75              |     C462             |     B200 -B24
                     |   M C470             |     B901
    --- H818  ---    |     H600 -H709       |   M C000 -C639
                     |     H720 -H739       |     C64  -C65
    B200 -B24        |     H950 -H959       |   M C66  -C688
    H818             |     J00              |     C689
    R75              |     J060 -J069       |   M C690 -C729
                     |     J399             |     C73  -C768
    --- H819  ---    |     R75              |     C790 -C791
                     |   M Y836             |     C797
    B200 -B24        |   M Y883             |   M C798
    H819             |                      |     C880
    R75              |     --- H958  ---    |   M C97  -D092
                     |                      |     D093
    --- H830  ---    |   M B200 -B24        |   M D097 -D299
                     |     H958             |     D300 -D301
  M A1690            |   M R75              |   M D302 -D307
    A539             |     Y600 -Y849       |     D309
  M B200 -B24        |     Y881             |   M D310 -D339
    H700 -H709       |     Y883             |     D34  -D359
    H830             |                      |   M D360 -D409
    H950 -H951       |     --- H959  ---    |     D410 -D411
  M H958             |                      |   M D412 -D417
  M R75              |   M B200 -B24        |     D419
                     |     H959             |   M D420 -D439
    --- H831  ---    |   M R75              |     D440 -D45
                     |     Y600 -Y849       |   M D472
    B200 -B24        |     Y881             |   M D487 -D489
    H831             |     Y883             |     D800 -E279
    R75              |                      |     E660 -E669
                     |     --- I00   ---    |     E700 -E839
    --- H832  ---    |                      |     E880 -E889
                     |     A38              |     I10
    B200 -B24        |     A400 -A409       |     I250 -I259
    H832             |   M B948             |     I270 -I279
    R75              |     I00              |     I514 -I516
                     |     J020             |     I700 -I709
    --- H950  ---    |     J030             |     I722
                     |     J039             |     I788
  M B200 -B24        |                      |     J430 -J439
    H950             | --- I010 -I099  --- |     K800 -K801
  M R75              |                      |     K803 -K804
  M Y836             |     A38              |     K810 -K819
  M Y883             |     A400 -A409       |     K830
                     |   M B948             |     L930 -L932
    --- H951  ---    |     I00  -I099       |     M300 -M308
                     |     J020             |     M320 -M359
  M A162             |     J030             |     N000 -N289
  M A164             |     J039             |     N390
  M A169             |                      |     Q200 -Q289
    A1690            |     --- I10   ---    |     Q600 -Q649
  M A180             |                      |     Q891 -Q892
    B200 -B24        |     A181             |     R54
    C000 -C148       |     A187             |     R75
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                              TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


    --- I10   ---    |    --- I110  ---    |    --- I119  ---
      CONTINUED      |      CONTINUED      |      CONTINUED
      T887           |      N390           |      K810 -K819
      X44            |      Q200 -Q289     |      K830
                     |      Q600 -Q649     |      L930 -L932
    --- I110  ---    |      Q891 -Q892     |      M300 -M308
                     |      R54            |      M320 -M359
      A181           |      T887           |      N000 -N289
      A187           |      X44            |      N390
  M   A188           |                     |      Q200 -Q289
  M   A500 -A539     |    --- I119  ---    |      Q600 -Q649
      B901           |                     |      Q891 -Q892
  M   C000 -C639     |      A181           |      R54
      C64  -C65      |      A187           |      T887
  M   C66  -C688     |  M   A188           |      X44
      C689           |  M   A500 -A539     |
  M   C690 -C729     |      B901           |    --- I120  ---
      C73  -C768     |  M   C000 -C639     |
      C790 -C791     |      C64  -C65      |      A181
      C797           |  M   C66  -C688     |      A187
  M   C798           |      C689           |  M   A188
      C880           |  M   C690 -C729     |  M   A500 -A539
  M   C97  -D092     |      C73  -C768     |      B901
      D093           |      C790 -C791     |  M   C000 -C639
  M   D097 -D299     |      C797           |      C64  -C65
      D300 -D301     |  M   C798           |  M   C66  -C688
  M   D302 -D307     |      C880           |      C689
      D309           |  M   C97  -D092     |  M   C690 -C729
  M   D310 -D339     |      D093           |      C73  -C768
      D34  -D359     |  M   D097 -D299     |      C790 -C791
  M   D360 -D409     |      D300 -D301     |      C797
      D410 -D411     |  M   D302 -D307     |  M   C798
  M   D412 -D417     |      D309           |      C880
      D419           |  M   D310 -D339     |  M   C97  -D092
  M   D420 -D439     |      D34  -D359     |      D093
      D440 -D45      |  M   D360 -D409     |  M   D097 -D299
  M   D472           |      D410 -D411     |      D300 -D301
  M   D487 -D489     |  M   D412 -D417     |  M   D302 -D307
      D800 -E279     |      D419           |      D309
      E660 -E669     |  M   D420 -D439     |  M   D310 -D339
      E700 -E839     |      D440 -D45      |      D34  -D359
      E880 -E889     |  M   D472           |  M   D360 -D409
      I10  -I110     |  M   D487 -D489     |      D410 -D411
      I250 -I259     |      D800 -E279     |  M   D412 -D417
      I270 -I279     |      E660 -E669     |      D419
      I514 -I516     |      E700 -E839     |  M   D420 -D439
      I700 -I709     |      E880 -E889     |      D440 -D45
      I722           |      I10           |  M   D472
      I788           |      I119          |  M   D487 -D489
      J430 -J439     |      I250 -I259     |      D800 -E279
      K800 -K801     |      I270 -I279     |      E660 -E669
      K803 -K804     |      I514 -I516     |      E700 -E839
      K810 -K819     |      I700 -I709     |      E880 -E889
      K830           |      I722           |      I10
      L930 -L932     |      I788           |      I120
      M300 -M308     |      J430 -J439     |      I250 -I259
      M320 -M359     |      K800 -K801     |      I270 -I279
      N000 -N289     |      K803 -K804     |      I514 -I516
```

```
  --- I120 ---       |    --- I129 ---      |    --- I130   ---
    CONTINUED        |       CONTINUED      |       CONTINUED
    I700 -I709       |       E880 -E889     |       D440 -D45
    I722             |       I10            |     M D472
    I788             |       I129           |     M D487 -D489
    J430 -J439       |       I250 -I259     |       D800 -E279
    K800 -K801       |       I270 -I279     |       E660 -E669
    K803 -K804       |       I514 -I516     |       E700 -E839
    K810 -K819       |       I700 -I709     |       E880 -E889
    K830             |       I722           |       I10
    L930 -L932       |       I788           |       I130
    M300 -M308       |       J430 -J439     |       I250 -I259
    M320 -M359       |       K800 -K801     |       I270 -I279
    N000 -N289       |       K803 -K804     |       I514 -I516
    N390             |       K810 -K819     |       I700 -I709
    Q200 -Q289       |       K830           |       I722
    Q600 -Q649       |       L930 -L932     |       I788
    Q891 -Q892       |       M300 -M308     |       J430 -J439
    R54              |       M320 -M359     |       K800 -K801
    T887             |       N000 -N289     |       K803 -K804
    X44              |       N390           |       K810 -K819
                     |       Q200 -Q289     |       K830
  --- I129   ---     |       Q600 -Q649     |       L930 -L932
                     |       Q891 -Q892     |       M300 -M308
                     |       R54            |       M320 -M359
    A181             |       T887           |       N000 -N289
    A187             |       X44            |       N390
  M A188             |                      |       Q200 -Q289
  M A500 -A539       |    --- I130 ---      |       Q600 -Q649
    B901             |                      |       Q891 -Q892
  M C000 -C639       |       A181           |       R54
    C64  -C65        |       A187           |       T887
  M C66  -C688       |     M A188           |       X44
    C689             |     M A500 -A539     |
  M C690 -C729       |       B901           |    --- I131   ---
    C73  -C768       |     M C000 -C639     |
    C790 -C791       |       C64  -C65      |
    C797             |     M C66  -C688     |       A181
  M C798             |       C689           |       A187
    C880             |     M C690 -C729     |     M A188
  M C97  -D092       |       C73  -C768     |     M A500 -A539
    D093             |       C790 -C791     |       B901
  M D097 -D299       |       C797          |     M C000 -C639
    D300 -D301       |     M C798           |       C64  -C65
  M D302 -D307       |       C880           |     M C66  -C688
    D309             |     M C97  -D092     |       C689
  M D310 -D339       |       D093           |     M C690 -C729
    D34  -D359       |     M D097 -D299     |       C73  -C768
  M D360 -D409       |       D300 -D301     |       C790 -C791
    D410 -D411       |     M D302 -D307     |       C797
  M D412 -D417       |       D309           |     M C798
    D419             |     M D310 -D339     |       C880
  M D420 -D439       |       D34  -D359     |     M C97  -D092
    D440 -D45        |     M D360 -D409     |       D093
  M D472             |       D410 -D411     |     M D097 -D299
  M D487 -D489       |     M D412 -D417     |       D300 -D301
    D800 -E279       |       D419           |     M D302 -D307
    E660 -E669       |     M D420 -D439     |       D309
    E700 -E839       |                      |     M D310 -D339
```

```
  --- I131 ---      |    --- I132 ---      |    --- I139  ---
    CONTINUED       |      CONTINUED       |      CONTINUED
    D34  -D359      |      D093            |      C73  -C768
M D360 -D409        |  M D097 -D299        |      C790 -C791
  D410 -D411        |    D300 -D301        |      C797
M D412 -D417        |  M D302 -D307        |  M C798
  D419              |    D309              |      C880
M D420 -D439        |  M D310 -D339        |  M C97  -D092
  D440 -D45         |    D34  -D359        |      D093
M D472              |  M D360 -D409        |  M D097 -D299
M D487 -D489        |    D410 -D411        |      D300 -D301
  D800 -E279        |  M D412 -D417        |  M D302 -D307
  E660 -E669        |    D419              |      D309
  E700 -E839        |  M D420 -D439        |  M D310 -D339
  E880 -E889        |    D440 -D45         |      D34  -D359
  I10               |  M D472             |  M D360 -D409
  I131              |  M D487 -D489        |    D410 -D411
  I250 -I259        |    D800 -E279        |  M D412 -D417
  I270 -I279        |    E660 -E669        |    D419
  I514 -I516        |    E700 -E839        |  M D420 -D439
  I700 -I709        |    E880 -E889        |    D440 -D45
  I722              |    I10               |  M D472
  I788              |    I132              |  M D487 -D489
  J430 -J439        |    I250 -I259        |    D800 -E279
  K800 -K801        |    I270 -I279        |    E660 -E669
  K803 -K804        |    I514 -I516        |    E700 -E839
  K810 -K819        |    I700 -I709        |    E880 -E889
  K830              |    I722              |    I10
  L930 -L932        |    I788              |    I139
  M300 -M308        |    J430 -J439        |    I250 -I259
  M320 -M359        |    K800 -K801        |    I270 -I279
  N000 -N289        |    K803 -K804        |    I514 -I516
  N390              |    K810 -K819        |    I700 -I709
  Q200 -Q289        |    K830              |    I722
  Q600 -Q649        |    L930 -L932        |    I788
  Q891 -Q892        |    M300 -M308        |    J430 -J439
  R54               |    M320 -M359        |    K800 -K801
  T887              |    N000 -N289        |    K803 -K804
  X44               |    N390              |    K810 -K819
                    |    Q200 -Q289        |    K830
  --- I132  ---     |    Q600 -Q649        |    L930 -L932
                    |    Q891 -Q892        |    M300 -M308
  A181              |    R54               |    M320 -M359
  A187              |    T887              |    N000 -N289
M A188              |    X44               |    N390
M A500 -A539        |                      |    Q200 -Q289
  B901              |    --- I139  ---     |    Q600 -Q649
M C000 -C639        |                      |    Q891 -Q892
  C64  -C65         |    A181              |    R54
M C66  -C688        |    A187              |    T887
  C689              |  M A188             |    X44
M C690 -C729        |  M A500 -A539        |
  C73  -C768        |    B901              |  --- I200 -I209  ---
  C790 -C791        |  M C000 -C639        |
  C797              |    C64  -C65         |    A000 -A09
M C798              |  M C66  -C688        |  M A181
  C880              |    C689              |    A200 -B89
M C97  -D092        |  M C690 -C729        |    B908 -B949
```

```
--- I200 -I209  --- | --- I210 -I214  --- |    --- I219   ---
     CONTINUED      |      CONTINUED      |       CONTINUED
     D500 -E899     |     G900 -G98       |      I700 -J80
     F100 -F199     |     H650 -H839      |      J82  -J989
     G000 -G419     |     I00  -I029      |      K20  -K929
     G450 -G459     |     I10  -I339      |      L89
     G500 -G729     |     I400 -I519      |      L97
     G900 -G98      |     I700 -J80       |      L984
     H650 -H839     |     J82  -J989      |      M000 -M1990
     I00  -I029     |     K20  -K929      |      M300 -M549
     I10  -I339     |     L89             |      M800 -M959
     I400 -I519     |     L97             |      N000 -N399
     I700 -J80      |     L984            |      N600 -N96
     J82  -J989     |     M000 -M1990     |      N990 -N999
     K20  -K929     |     M300 -M549      |      P000 -P049
     L89            |     M800 -M959      |      P100 -Q079
     L97            |     N000 -N399      |      Q200 -Q246
     L984           |     N600 -N96       |    M Q248
     M000 -M1990    |     N990 -N999      |      Q249 -Q349
     M300 -M549     |     P000 -P049      |      Q380 -Q459
     M800 -M959     |     P100 -Q079      |      Q600 -Q799
     N000 -N399     |     Q200 -Q219      |      Q850 -R098
     N600 -N96      |     Q240 -Q246      |      R11
     N990 -N999     |   M Q248           |      R160 -R18
     P000 -P049     |     Q249 -Q349      |      R222
     P100 -Q079     |     Q380 -Q459      |      R300 -R398
     Q200 -Q219     |     Q600 -Q799      |      R500 -R509
     Q240 -Q246     |     Q850 -R098      |      R53  -R54
   M Q248           |     R11             |      R560 -R609
     Q249 -Q349     |     R160 -R18       |      R634 -R635
     Q380 -Q459     |     R222            |      R64
     Q600 -Q799     |     R300 -R398      |      R688 -R799
     Q850 -R098     |     R500 -R509      |    M R826
     R11            |     R53  -R54       |    M R893
     R160 -R18      |     R560 -R609      |      S000 -Y899
     R222           |     R634 -R635      |
     R300 -R398     |     R64             |  --- I220 -I249   ---
     R500 -R509     |     R688 -R799      |
     R53  -R54      |   M R826           |
     R560 -R609     |   M R893           |      A000 -A09
     R634 -R635     |     S000 -Y899      |    M A181
     R64            |                     |      A200 -B89
     R688 -R799     |     --- I219  ---    |      B908 -E899
   M R826           |                     |      F100 -F199
   M R893           |     A000 -A09       |      G000 -G419
     S000 -Y899     |   M A181           |      G450 -G459
                    |     A200 -B89       |      G500 -G729
 --- I210 -I214  --- |     B908 -E899     |      G900 -G98
                    |     F100 -F199      |      H650 -H839
                    |     F430 -F439      |      I00  -I029
     A000 -A09      |     G000 -G419      |      I10  -I339
   M A181           |     G450 -G459      |      I400 -I519
     A200 -B89      |     G500 -G729      |      I700 -J80
     B908 -E899     |     G900 -G98       |      J82  -J989
     F100 -F199     |     H650 -H839      |      K20  -K929
     F430 -F439     |     I00  -I029      |      L89
     G000 -G419     |     I10  -I339      |      L97
     G450 -G459     |     I400 -I519      |      L984
     G500 -G729     |                     |      M000 -M1990
```

```
--- I220 -I249  --- |    --- I250  ---    |    --- I252  ---
      CONTINUED      |      CONTINUED      |      CONTINUED
      M300 -M549     |    R54              |    M800 -M959
      M800 -M959     |                     |    N000 -N399
      N000 -N399     |    --- I251  ---    |    N600 -N96
      N600 -N96      |                     |    N990 -N999
      N990 -N999     |  M A500 -A539       |    P000 -P049
      P000 -P049     |    A679             |    P100 -Q079
      P100 -Q079     |    E000 -E0390      |    Q200 -Q219
      Q200 -Q219     |    E050 -E279       |    Q240 -Q246
      Q240 -Q246     |    E320 -E329       |  M Q248
    M Q248           |    E660 -E669       |    Q249 -Q349
      Q249 -Q349     |  M E678            |    Q380 -Q459
      Q380 -Q459     |    E700 -E859       |    Q600 -Q799
      Q600 -Q799     |  M E880 -E889       |    Q850 -R098
      Q850 -R098     |    E890             |    R11
      R11            |    E892 -E893       |    R160 -R18
      R160 -R18      |    F170 -F179       |    R222
      R222           |    I10  -I139       |    R300 -R398
      R300 -R398     |    I251             |    R500 -R509
      R500 -R509     |    I259             |    R53  -R54
      R53  -R54      |  M I270            |    R560 -R609
      R560 -R609     |    I420 -I4290      |    R634 -R635
      R634 -R635     |    I514 -I5140      |    R64
      R64            |    I700 -I709       |    R688 -R799
      R688 -R799     |    M100 -M109       |  M R826
    M R826           |    M300 -M359       |  M R893
    M R893           |    N000 -N289       |    S000 -Y899
      S000 -Y899     |    N390             |
                     |  M Q200 -Q219       |  --- I253 -I254   ---
      --- I250  ---  |  M Q240 -Q279       |
                     |  M Q288 -Q289       |
    M A000 -A539     |    Q600 -Q639       |  M A500 -A539
      A679           |    R54              |    A679
      E000 -E0390    |                     |    E000 -E0390
      E050 -E279     |    --- I252  ---    |    E050 -E279
      E320 -E329     |                     |    E320 -E329
      E660 -E669     |    A000 -A09        |    E660 -E669
    M E678           |  M A181             |  M E678
      E700 -E859     |    A200 -B89        |    E700 -E859
    M E880 -E889     |    B908 -E899       |  M E880 -E889
      E890           |    F100 -F199       |    E890
      E892 -E893     |    G000 -G419       |    E892 -E893
      F170 -F179     |    G450 -G459       |    F170 -F179
      I10  -I139     |    G500 -G729       |    I10  -I139
      I250           |    G900 -G98        |    I250 -I259
    M I270           |    H650 -H839       |    I270
      I420 -I4290    |    I00  -I029       |    I420 -I4290
      I514 -I5140    |    I10  -I339       |    I514 -I5140
      I700 -I709     |    I400 -I519       |    I700 -I709
      M100 -M109     |    I700 -J80        |    M100 -M109
      M300 -M359     |    J82  -J989       |    M300 -M359
      N000 -N289     |    K20  -K929       |    N000 -N289
      N390           |    L89              |    N390
    M Q200 -Q219     |    L97              |    Q200 -Q219
    M Q240 -Q279     |    L984             |    Q240 -Q246
    M Q288 -Q289     |    M000 -M1990      |  M Q248
      Q600 -Q639     |    M300 -M549       |    Q249 -Q279
                     |                     |  M Q288 -Q289
```

```
--- I253 -I254  --- |     --- I258  ---     |     --- I259  ---
     CONTINUED         |       CONTINUED        |       CONTINUED
     Q600 -Q639        |     K20  -K929         |     N000 -N289
     R54               |     L89               |     N390
                       |     L97               |     Q200 -Q219
--- I255 -I256  --- |     L984              |     Q240 -Q246
                       |     M000 -M1990        |   M Q248
 M A500 -A539          |     M300 -M549         |     Q249 -Q279
   A679               |     M800 -M959         |   M Q288 -Q289
   B200 -B24           |     N000 -N399         |     Q600 -Q639
   E000 -E0390         |     N600 -N96          |     R54
   E050 -E279          |     N990 -N999         |     R75
   E320 -E329          |     P000 -P049         |
   E660 -E669          |     P100 -Q079         |     --- I260  ---
 M E678               |     Q200 -Q219         |
   E700 -E859          |     Q240 -Q246         |     A162 -A1690
 M E880 -E889          |   M Q248              |   M A199
   E890               |     Q249 -Q349         |     A310 -A319
   E892 -E893          |     Q380 -Q459         |     A800 -A809
   F170 -F179          |     Q600 -Q799         |     B200 -B24
   I10  -I139          |     Q850 -R098         |     B380 -B389
   I250 -I259          |     R11               |     B440 -B449
   I270               |     R160 -R18          |     B650 -B659
   I420 -I4290         |     R222              |     B909 -B91
   I514 -I5140         |     R300 -R398         |     C000 -C97
   I700 -I709          |     R500 -R509         |   M D000 -D489
   M100 -M109          |     R53  -R54          |     D860 -D869
   M300 -M359          |     R560 -R609         |     E100 -E149
   N000 -N289          |     R634 -R635         |     E660 -E669
   N390               |     R64               |     E750 -E756
   Q200 -Q219          |     R688 -R799         |     E840 -E849
   Q240 -Q246          |   M R826              |     G110 -G129
 M Q248               |   M R893              |     G300 -G319
   Q249 -Q279          |     S000 -Y899         |     G700 -G729
 M Q288 -Q289          |                       |     G910 -G919
   Q600 -Q639          |     --- I259  ---     |     I050 -I080
   R54               |                       |     I091
   R75               |   M A500 -A539         |     I098
                       |     A679             |     I210 -I229
   --- I258  ---     |     B200 -B24          |     I250 -I289
                       |     E000 -E0390        |     I340 -I38
   A000 -A09           |     E050 -E279         |     I500 -I519
 M A181               |     E320 -E329         |     J100 -J219
   A200 -B89           |     E660 -E669         |     J40  -J989
   B908 -B99           |   M E678              |     M340 -M349
 M C000 -D489          |     E700 -E859         |     M400 -M539
   D500 -E899          |   M E880 -E889         |     P270 -P279
   F100 -F199          |     E890             |     Q200 -Q349
   G000 -G419          |     E892 -E893         |     Q678 -Q680
   G450 -G459          |     F170 -F179         |   M Q760 -Q769
   G500 -G729          |     I10  -I139         |     R090 -R098
   G900 -G98           |     I250 -I259         |     R75
   H650 -H839          |     I270             |     S220 -S229
   I00  -I029          |     I420 -I4290        |     S270 -S279
   I10  -I339          |     I514 -I5140        |   M T840 -T859
   I400 -I519          |     I700 -I709         |     T911 -T912
   I700 -J80           |     M100 -M109         |     T914
   J82  -J989          |     M300 -M359         |
```

```
                              TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


    --- I269 ---      |      --- I272 ---      |      --- I278  ---
                      |                        |            CONTINUED
      A000 -F04       |        A162 -A1690     |        B650 -B659
      F060 -F069      |        A310 -A319      |        B909 -B91
      F100 -F199      |        A370 -A379      |        B948
      F202            |        B250            |        C33  -C399
      F205            |        B380 -B399      |        C780 -C783
      F29             |        B59             |        C810 -C969
      F70  -F79       |        B650 -B659      |        D020 -D024
      G000 -G419      |        B909 -B91       |        D141 -D159
      G450 -G98       |        B948            |        D860 -D869
      H600 -H709      |        C33  -C399      |        G110 -G129
      I00  -I899      |        C780 -C783      |        G300 -G319
      I970 -J989      |        C810 -C969      |        G700 -G729
      K040 -N459      |        D020 -D024      |        I050 -I080
      N480 -N96       |        D141 -D159      |        I091
      N990 -P039      |        D860 -D869      |        I098
      P100 -Q999      |        E840 -E849      |        I260 -I279
      R02             |        F110 -F169      |      M I330 -I38
      R060 -R068      |        F180 -F199      |        I517
      R090 -R092      |        G110 -G129      |        I700 -I709
      R33             |        G300 -G319      |        I730
      R400 -R402      |        I050 -I080      |        J100 -J118
      R53  -R54       |        I091            |        J40  -J80
      R560 -R571      |        I098 -I139      |        J82  -J980
      R579            |        I210 -I229      |        J982 -J989
      R600 -R609      |        I250 -I279      |        M300 -M539
      R75             |        I330 -I38       |        P201 -P289
      R788            |        I700 -I709      |        Q200 -Q289
      S000 -Y899      |        I730            |        R54
                      |        J100 -J219      |      M R75
    --- I270  ---     |        J40  -J80       |
                      |        J82  -J980      |      --- I279  ---
      I270            |        J982 -J989      |
                      |        K440 -K449      |        A162 -A1690
    --- I271  ---     |        M300 -M539      |      M A199
                      |        P020 -P029      |        A310 -A319
    M A180            |        P201 -P289      |        A800 -A809
      A514            |        P293            |      M B200 -B24
      A800 -A809      |        Q200 -Q349      |        B380 -B399
      B902            |        Q790            |      M B440 -B449
      B91             |        Q794            |        B650 -B659
      C412 -C413      |        Q897            |        B909 -B91
      C419            |        Q909            |        B948
      C795            |        Q917            |        C33  -C399
      D166 -D167      |        R54             |        C500 -C509
      D169            |        T800 -T889      |        C780 -C783
      D480            |      M T983            |      M C798
      D489            |        Y400 -Y599      |        C810 -C969
      E643            |      M Y883            |        D020 -D024
      G710 -G719      |                        |        D050 -D059
      I271            |      --- I278  ---      |        D141 -D159
      M400 -M439      |                        |        D24
      P201 -P289      |        A162 -A1690     |      M D381
      Q675            |        A310 -A319      |        D486
      Q760 -Q769      |        A800 -A809      |        D860 -D869
                      |      M B200 -B24       |        E660 -E669
                      |        B380 -B399      |        G110 -G129
                      |

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   --- I279 ---      |    --- I288 ---      |  --- I301 -I339  ---
      CONTINUED      |                      |       CONTINUED
     G300 -G319      |     A162 -A1690      |     M300 -M949
     G700 -G729      |   M A500 -A539       |     N000 -N459
     I050 -I080      |     B200 -B24        |     N600 -N959
     I091            |   M B650 -B659       |     N980 -N999
     I098            |     C000 -C97        |     P000 -P049
   M I110 -I119   *  |     E100 -E149       |     P100 -Q079
   M I130 -I139   *  |     F110 -F169       |     Q200 -Q349
     I200 -I209      |     F180 -F199       |     Q380 -Q680
   M I210 -I249      |     I010 -I899       |     Q750 -Q799
     I250 -I279      |     I970 -I99        |     Q850 -Q999
   M I330 -I38       |     M300 -M359       |     R02
     I420 -I4290     |     Q200 -Q289       |     R54
     I500 -I519      |     R75              |     R75
     I700 -I709      |   M S069             |   M S000 -Y899
     I730            |     S090             |
     J100 -J80       |     S150 -S159       |    --- I340   ---
     J82  -J989      |     S250 -S259       |
     M300 -M539      |     S350 -S359       |   M A028          *
     P201 -P289      |     S450 -S459       |     A1690
     Q200 -Q289      |     S550 -S559       |   M A188
     Q675            |     S650 -S659       |   M A329
     Q760 -Q789      |     S750 -S759       |     A38
     Q893            |     S850 -S859       |     A399
     Q897            |     S950 -S959       |   M A500 -A549
     R54             |     T063             |     B200 -B24
   M R75             |     T114             |   M B376
     T66             |     T145             |   M B379
   M T800 -T889      |                      |   M B560 -B575
     Y632 -Y633      |    --- I289   ---    |     B901          *
   M Y780 -Y788      |                      |   M B908
     Y842            |     A162 -A1690      |     B909
   M Y882 -Y883      |     B200 -B24        |   M B948
                     |     I289            |     C64  -C65
    --- I281   ---   |     Q200 -Q289      |     C73  -C759
                     |     R75              |     C790 -C791
   M A500 -A539      |                      |     C797 -C798
   M B650 -B659      |    --- I300   ---    |   M C810 -C969
     I281            |                      |     D300 -D301
     I700 -I729      |     I300            |     D309
     Q870 -Q999      |                      |     D34  -D359
   M S069            |  --- I301 -I339  --- |     D440 -D45
     S090            |                      |   M D800 -D809   *
     S150 -S159      |     A000 -E899      |     E02  -E0390
     S250 -S259      |   M F03              |     E050 -E349
     S350 -S359      |   M F069             |     E65  -E678
     S450 -S459      |     F100 -F199       |     E760 -E769
     S550 -S559      |   M F29              |     E790 -E799
     S650 -S659      |     F55             |     E802
     S750 -S759      |     G000 -G419       |     E804 -E806
     S850 -S859      |     G450 -G98        |     E840 -E859
     S950 -S959      |     H600 -H709       |     E880 -E889
     T063            |     I00  -I899       |     F110 -F169
     T114            |     I970 -J80        |     F180 -F199
     T145            |     J82  -J980       |     I10  -I139
                     |     J982 -J989       |     I250 -I259
                     |     K040 -M1990      |     I330 -I38
                     |                      |
```

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   --- I340  ---      | --- I341 -I342  --- |  --- I348   ---
      CONTINUED       |      CONTINUED      |      CONTINUED
      I420 -I4290     |      E840 -E859     |      E760 -E769
      I511            |      E880 -E889     |      E790 -E799
      I514 -I5150     |      F110 -F169     |      E802
      I700 -I710      |      F180 -F199     |      E804 -E806
    M I711 -I719      |      I10  -I139     |      E840 -E859
      J00             |      I250 -I259     |      E880 -E889
      J020            |      I330 -I38      |      F110 -F169
      J030            |      I420 -I4290    |      F180 -F199
      J040 -J042      |      I511          |      I10  -I139
      J069            |      I514 -I5150    |      I250 -I259
      M100 -M109      |      I700 -I710     |      I330 -I38
      M300 -M359      |    M I711 -I719     |      I420 -I4290
      N000 -N289      |      J00            |      I511
      N340 -N399      |      J020           |      I514 -I5150
      Q200 -Q289      |      J030           |      I700 -I710
    M Q789            |      J040 -J042     |    M I711 -I719
    M Q870 -Q999      |      J069           |      J00
      R75             |      M100 -M109     |      J020
    M T983            |      M300 -M359     |      J030
    M Y400 -Y599      |      N000 -N289     |      J040 -J042
    M Y883            |      N340 -N399     |      J069
                      |      Q200 -Q289     |    M K000 -K149
   --- I341 -I342  ---|    M Q789           |      M100 -M109
                      |    M Q870 -Q999     |      M300 -M359
    M A028        *   |      R75            |      N000 -N289
      A1690           |                     |      N340 -N399
    M A188            |    --- I348  ---     |      Q200 -Q289
    M A329            |                     |    M Q789
      A38             |    M A028        *  |    M Q870 -Q999
      A399            |      A1690          |      R75
    M A500 -A549      |    M A188           |    M T827
      B200 -B24       |    M A329           |    M Y832
    M B376            |      A38            |
    M B379            |      A399           |    --- I349   ---
    M B560 -B575      |    M A490 -A549     |
      B901        *   |      B200 -B24      |    M A028           *
    M B908            |    M B376           |      A1690
      B909            |    M B379           |    M A188
    M B948            |    M B560 -B575     |    M A329
      C64  -C65       |      B901        *  |      A38
      C73  -C759      |    M B908           |      A399
      C790 -C791      |      B909           |    M A500 -A549
      C797 -C798      |    M B948           |      B200 -B24
    M C810 -C969      |      C64  -C65      |    M B376
      D300 -D301      |      C73  -C759     |    M B379
      D309            |      C790 -C791     |    M B560 -B575
      D34  -D359      |      C797 -C798     |      B901           *
      D440 -D45       |    M C810 -C969     |    M B908
    M D800 -D809  *   |      D300 -D301     |      B909
      E02  -E0390     |      D309           |    M B948
      E050 -E349      |      D34  -D359     |      C64  -C65
      E65  -E678      |      D440 -D45      |      C73  -C759
      E760 -E769      |    M D800 -D809  *  |      C790 -C791
      E790 -E799      |      E02  -E0390    |      C797 -C798
      E802            |      E050 -E349     |    M C810 -C969
      E804 -E806      |      E65  -E678     |      D300 -D301
```

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  --- I349 ---      |    --- I350 ---     |   --- I351 -I352  ---
     CONTINUED      |      CONTINUED      |        CONTINUED
     D309           |      C790 -C791     |   M B560 -B575
     D34  -D359     |      C797 -C798     |     B901            *
     D440 -D45      |    M C810 -C969     |   M B908
   M D800 -D809  *  |      D300 -D301     |     B909
     E02  -E0390    |      D309           |   M B948
     E050 -E349     |      D34  -D359     |     C64  -C65
     E65  -E678     |      D440 -D45      |     C73  -C759
     E760 -E769     |    M D800 -D809  *  |     C790 -C791
     E790 -E799     |      E02  -E0390    |     C797 -C798
     E802           |      E050 -E349     |   M C810 -C969
     E804 -E806     |      E65  -E678     |     D300 -D301
     E840 -E859     |      E760 -E769     |     D309
     E880 -E889     |      E790 -E799     |     D34  -D359
     F110 -F169     |      E802           |     D440 -D45
     F180 -F199     |      E804 -E806     |   M D800 -D809  *
     I10  -I139     |      E840 -E859     |     E02  -E0390
     I250 -I259     |      E880 -E889     |     E050 -E349
     I330 -I38      |      F110 -F169     |     E65  -E678
     I420 -I4290    |      F180 -F199     |     E760 -E769
     I511           |      I10  -I139     |     E790 -E799
     I514 -I5150    |      I250 -I259     |     E802
     I700 -I710     |      I330 -I38      |     E804 -E806
   M I711 -I719     |      I420 -I4290    |     E840 -E859
     J00            |      I511          |     E880 -E889
     J020           |      I514 -I5150    |     F110 -F169
     J030           |      I700 -I710     |     F180 -F199
     J040 -J042     |    M I711 -I719     |     I10  -I139
     J069           |      J00            |     I250 -I259
     M100 -M109     |      J020           |     I330 -I38
     M300 -M359     |      J030           |     I420 -I4290
     N000 -N289     |      J040 -J042     |     I511
     N340 -N399     |      J069           |     I514 -I5150
     Q200 -Q289     |      M100 -M109     |     I700 -I710
   M Q789           |      M300 -M359     |   M I711 -I719
   M Q870 -Q999     |      N000 -N289     |     J00
     R75            |      N340 -N399     |     J020
                    |      Q200 -Q289     |     J030
  --- I350 ---      |    M Q789           |     J040 -J042
                    |    M Q870 -Q999     |     J069
   M A028        *  |      R75            |     M100 -M109
     A1690          |    M T983           |     M300 -M359
   M A188           |    M Y400 -Y599     |     N000 -N289
   M A329           |    M Y883           |     N340 -N399
     A38            |                     |     Q200 -Q289
     A399           |  --- I351 -I352  ---|   M Q789
   M A500 -A549     |                     |   M Q870 -Q999
     B200 -B24      |    M A028        *  |     R75
   M B376           |      A1690          |
   M B379           |    M A188           |    --- I358  ---
   M B560 -B575     |    M A329           |
     B901        *  |      A38            |   M A028        *
   M B908           |      A399           |     A1690
     B909           |    M A500 -A549     |   M A188
   M B948           |      B200 -B24      |   M A329
     C64  -C65      |    M B376           |     A38
     C73  -C759     |    M B379           |     A399
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                               TABLE D
           CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

    --- I358  ---        | --- I359 -I362  --- | --- I359 -I362   ---
       CONTINUED         |                     |        CONTINUED
  M A490 -A549           |   M A028          * |    R75
    B200 -B24            |     A1690           |
  M B376                 |   M A188            |     --- I368   ---
  M B379                 |   M A329            |
  M B560 -B575           |     A38             |   M A028            *
    B901           *     |     A399            |     A1690
  M B908                 |   M A500 -A549      |   M A188
    B909                 |     B200 -B24       |   M A329
  M B948                 |   M B376            |     A38
    C64  -C65            |   M B379            |     A399
    C73  -C759           |   M B560 -B575      |   M A490 -A549
    C790 -C791           |     B901          * |     B200 -B24
    C797 -C798           |   M B908            |   M B376
  M C810 -C969           |     B909            |   M B379
    D300 -D301           |   M B948            |   M B560 -B575
    D309                 |     C64  -C65       |     B901           *
    D34  -D359           |     C73  -C759      |   M B908
    D440 -D45            |     C790 -C791      |     B909
  M D800 -D809    *      |     C797 -C798      |   M B948
    E02  -E0390          |   M C810 -C969      |     C64  -C65
    E050 -E349           |     D300 -D301      |     C73  -C759
    E65  -E678           |     D309            |     C790 -C791
    E760 -E769           |     D34  -D359      |     C797 -C798
    E790 -E799           |     D440 -D45       |   M C810 -C969
    E802                 |   M D800 -D809    * |     D300 -D301
    E804 -E806           |     E02  -E0390     |     D309
    E840 -E859           |     E050 -E349      |     D34  -D359
    E880 -E889           |     E65  -E678      |     D440 -D45
    F110 -F169           |     E760 -E769      |   M D800 -D809    *
    F180 -F199           |     E790 -E799      |     E02  -E0390
    I10  -I139           |     E802            |     E050 -E349
    I250 -I259           |     E804 -E806      |     E65  -E678
    I330 -I38            |     E840 -E859      |     E760 -E769
    I420 -I4290          |     E880 -E889      |     E790 -E799
    I511                 |     F110 -F169      |     E802
    I514 -I5150          |     F180 -F199      |     E804 -E806
    I700 -I710           |     I10  -I139      |     E840 -E859
  M I711 -I719           |     I250 -I259      |     E880 -E889
    J00                  |     I330 -I38       |     F110 -F169
    J020                 |     I420 -I4290     |     F180 -F199
    J030                 |     I511            |     I10  -I139
    J040 -J042           |     I514 -I5150     |     I250 -I259
    J069                 |     I700 -I710      |     I330 -I38
  M K000 -K149           |   M I711 -I719      |     I420 -I4290
    M100 -M109           |     J00             |     I511
    M300 -M359           |     J020            |     I514 -I5150
    N000 -N289           |     J030            |     I700 -I710
    N340 -N399           |     J040 -J042      |   M I711 -I719
    Q200 -Q289           |     J069            |     J00
  M Q789                 |     M100 -M109      |     J020
  M Q870 -Q999           |     M300 -M359      |     J030
    R75                  |     N000 -N289      |     J040 -J042
  M T827                 |     N340 -N399      |     J069
  M Y832                 |     Q200 -Q289      |   M K000 -K149
                         |   M Q789            |     M100 -M109
                         |   M Q870 -Q999      |     M300 -M359
                         |
```

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                           TABLE D
           CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


     --- I368  ---       | --- I369 -I372  --- |   --- I378   ---
        CONTINUED        |      CONTINUED      |      CONTINUED
        N000 -N289       |      J020           |      I514 -I5150
        N340 -N399       |      J030           |      I700 -I710
        Q200 -Q289       |      J040 -J042     |    M I711 -I719
      M Q789             |      J069           |      J00
      M Q870 -Q999       |      M100 -M109     |      J020
        R75              |      M300 -M359     |      J030
      M T827             |      N000 -N289     |      J040 -J042
      M Y832             |      N340 -N399     |      J069
                         |      Q200 -Q289     |    M K000 -K149
   --- I369 -I372  ---   |    M Q789           |      M100 -M109
                         |    M Q870 -Q999     |      M300 -M359
      M A028        *    |      R75            |      N000 -N289
        A1690            |                     |      N340 -N399
      M A188             |     --- I378  ---    |      Q200 -Q289
      M A329             |                     |    M Q789
        A38              |    M A028        *  |    M Q870 -Q999
        A399             |      A1690          |      R75
      M A500 -A549       |    M A188           |    M T827
        B200 -B24        |    M A329           |    M Y832
      M B376             |      A38            |
      M B379             |      A399           |     --- I379   ---
      M B560 -B575       |    M A400 -A549     |
        B901        *    |      B200 -B24      |    M A028            *
      M B908             |    M B376           |      A1690
        B909             |    M B379           |    M A188
      M B948             |    M B560 -B575     |    M A329
        C64  -C65        |      B901        *  |      A38
        C73  -C759       |    M B908           |      A399
        C790 -C791       |      B909           |    M A500 -A549
        C797 -C798       |    M B948           |      B200 -B24
      M C810 -C969       |      C64  -C65      |    M B376
        D300 -D301       |      C73  -C759     |    M B379
        D309             |      C790 -C791     |    M B560 -B575
        D34  -D359       |      C797 -C798     |      B901          *
        D440 -D45        |    M C810 -C969     |    M B908
      M D800 -D809  *    |      D300 -D301     |      B909
        E02  -E0390      |      D309           |    M B948
        E050 -E349       |      D34  -D359     |      C64  -C65
        E65  -E678       |      D440 -D45      |      C73  -C759
        E760 -E769       |    M D800 -D809  *  |      C790 -C791
        E790 -E799       |      E02  -E0390    |      C797 -C798
        E802             |      E050 -E349     |    M C810 -C969
        E804 -E806       |      E65  -E678     |      D300 -D301
        E840 -E859       |      E760 -E769     |      D309
        E880 -E889       |      E790 -E799     |      D34  -D359
        F110 -F169       |      E802          |      D440 -D45
        F180 -F199       |      E804 -E806     |    M D800 -D809   *
        I10  -I139       |      E840 -E859     |      E02  -E0390
        I250 -I259       |      E880 -E889     |      E050 -E349
        I330 -I38        |      F110 -F169     |      E65  -E678
        I420 -I4290      |      F180 -F199     |      E760 -E769
        I511             |      I10  -I139     |      E790 -E799
        I514 -I5150      |      I250 -I259     |      E802
        I700 -I710       |      I330 -I38      |      E804 -E806
      M I711 -I719       |      I420 -I4290    |      E840 -E859
        J00              |      I511           |      E880 -E889

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   --- I379  ---     |    --- I38   ---     |   --- I400 -I409  ---
     CONTINUED       |      CONTINUED       |      CONTINUED
     F110 -F169      |      E760 -E769      |      Q380 -Q680
     F180 -F199      |      E790 -E799      |      Q750 -Q799
     I10  -I139      |      E802            |      Q850 -Q999
     I250 -I259      |      E804 -E806      |      R02
     I330 -I38       |      E840 -E859      |      R54
     I420 -I4290     |      E880 -E889      |      R75
     I511            |      F110 -F169      |    M S000 -Y899
     I514 -I5150     |      F180 -F199      |
     I700 -I710      |      I10  -I139      |     --- I420   ---
   M I711 -I719      |      I250 -I259      |
     J00             |      I330 -I38       |      A162 -A1690
     J020            |      I420 -I4290     |    M A178
     J030            |      I511           |    M A181
     J040 -J042      |      I514 -I5150     |    M A188
     J069            |      I700 -I710      |      B200 -B24
     M100 -M109      |    M I711 -I719      |      B332
     M300 -M359      |      J00             |      B560 -B575
     N000 -N289      |      J020            |    M B948             *
     N340 -N399      |      J030            |    M C000 -C97
     Q200 -Q289      |      J040 -J042      |      D151
   M Q789            |      J069            |      D467 -D469
   M Q870 -Q999      |    M K000 -K149      |      D500 -D649
     R75             |      M100 -M109      |      D758
   M T827            |      M300 -M359      |      D860 -D869
   M Y832            |      N000 -N289      |      E000 -E0390
                     |      N340 -N399      |      E050 -E059
    --- I38    ---   |      Q200 -Q289      |      E100 -E149
                     |    M Q789            |      E220
   M A028         *  |    M Q870 -Q999      |      E40  -E519
     A1690           |      R75             |      E639
   M A188            |    M T827            |      E641
   M A329            |    M Y832            |      E648 -E669
     A38             |                      |      E740
     A399            |    --- I400 -I409  ---|      E760 -E769
   M A490 -A549      |                      |      E831
     B200 -B24       |      A000 -E899      |      E850 -E878
   M B376            |    M F03             |      F100 -F199
   M B379            |    M F069            |      G111
   M B560 -B575      |      F100 -F199      |      G600
     B901         *  |    M F29             |      G700 -G729
   M B908            |      F55             |      I00  -I259
     B909            |      G000 -G419      |      I300 -I309
   M B948            |      G450 -G98       |      I330 -I4290
     C64  -C65       |      H600 -H709      |      I514 -I5150
     C73  -C759      |      I00  -I899      |      I700 -I709
     C790 -C791      |      I970 -J80       |      K700 -K709
     C797 -C798      |      J82  -J980      |      K721
   M C810 -C969      |      J982 -J989      |      K730 -K739
     D300 -D301      |      K040 -M1990     |      K743
     D309            |      M300 -M949      |      K745 -K746
     D34  -D359      |      N000 -N459      |      K760
     D440 -D45       |      N600 -N959      |      K768 -K769
   M D800 -D809   *  |      N980 -N999      |      M069
     E02  -E0390     |      P000 -P049      |      M100 -M109
     E050 -E349      |      P100 -Q079      |      M300 -M359
     E65  -E678      |      Q200 -Q349      |      N000 -N399
```

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   --- I420 ---      |    --- I421  ---     |    --- I422  ---
     CONTINUED       |      CONTINUED       |      CONTINUED
     P200 -P220      |      I330 -I4290     |      F100 -F199
     Q200 -Q249      |      I514 -I5150     |      G111
     R31             |      I700 -I709      |      G600
     R54             |      K700 -K709      |      G700 -G729
     R75             |      K721            |      I00  -I259
     T360 -T66       |      K730 -K739      |      I300 -I309
     T880 -T887      |      K743            |      I330 -I4290
     T96  -T97       |      K745 -K746      |      I514 -I5150
     X40  -X49       |      K760            |      I700 -I709
     X60  -X69       |      K768 -K769      |      K700 -K709
     X85  -X90       |      M100 -M109      |      K721
     Y10  -Y19       |      M300 -M359      |      K730 -K739
   M Y400 -Y599      |      N000 -N399      |      K743
     Y842            |      P200 -P220      |      K745 -K746
     Y86  -Y880      |      Q200 -Q249      |      K760
   M Y883            |      R31             |      K768 -K769
                     |      R54             |      M100 -M109
   --- I4200 ---     |      R75             |      M300 -M359
                     |      T360 -T66       |      N000 -N399
                     |    M Y400 -Y599      |      P200 -P220
     I4200           |      Y842            |      Q200 -Q249
                     |    M Y883            |      R31
   --- I421  ---     |                      |      R54
                     |    --- I4210 ---     |      R75
     A162 -A1690     |                      |      T360 -T66
   M A178            |                      |    M Y400 -Y599
   M A181            |      I4210           |      Y842
   M A188            |                      |    M Y883
     B200 -B24       |    --- I422  ---     |
     B332            |                      |    --- I4220 ---
     B560 -B575      |      A162 -A1690     |
   M B948        *   |    M A178            |      I4220
   M C000 -C97       |    M A181            |
     D151            |    M A188            |    --- I423  ---
     D467 -D469      |      B200 -B24       |
     D500 -D649      |      B332            |      B200 -B24
     D758            |      B560 -B575      |    M B948        *
     D860 -D869      |    M B948        *   |    M I250 -I259
     E000 -E0390     |    M C000 -C97       |      I423
     E050 -E059      |      D151            |      R75
     E100 -E149      |      D467 -D469      |
     E220            |      D500 -D649      |    --- I424  ---
     E40  -E519      |      D758            |
     E639            |      D860 -D869      |
     E641            |      E000 -E0390     |      E888
     E648 -E649      |      E050 -E059      |      I424
     E660 -E669      |      E100 -E149      |
     E740            |      E220            |    --- I425  ---
     E760 -E769      |      E40  -E519      |
     E831            |      E639            |    M B948        *
     E850 -E859      |      E641            |      I425 -I4250
     F100 -F199      |      E648 -E649      |      M349         *
     G111            |      E660 -E669      |
     G600            |      E740            |    --- I4250 ---
     G700 -G729      |      E760 -E769      |
     I00  -I259      |      E831            |      I4250
     I300 -I309      |      E850 -E859      |
```

```
   --- I426  ---      |    --- I428  ---      |    --- I429  ---
                      |       CONTINUED       |       CONTINUED
    F100 -F109        |     F100 -F199        |     E648 -E649
    I426              |     G111              |     E660 -E669
    K700 -K709        |     G600              |     E740
M   K746              |     G700 -G729        |     E760 -E769
M   T506              |     I00  -I259        |     E831
    T510 -T519        |     I300 -I309        |     E850 -E859
M   X44               |     I330 -I4290       |     E880 -E889
    X45               |     I514 -I5150       |     F100 -F199
    X65               |     I700 -I709        |     G111
M   X85               |     K700 -K709        |     G600
    Y15               |     K721              |     G700 -G729
                      |     K730 -K739        |     I00  -I259
   --- I427  ---      |     K743              |     I300 -I4290
                      |     K745 -K746        |     I514 -I5150
    I427              |     K760              |     I700 -I709
    T360 -T66         |     K768 -K769        |     K700 -K709
    X40  -X49         |     M100 -M109        |     K721
    X60  -X69         |     M300 -M359        |     K730 -K739
    X85  -X90         |     N000 -N399        |     K743
    Y10  -Y19         |     P200 -P220        |     K745 -K746
    Y400 -Y599        |     Q200 -Q249        |     K760
    Y632 -Y633        |     R31               |     K768 -K769
M   Y780 -Y788        |     R54               |     M069
    Y842              |     R75               |     M100 -M109
    Y86  -Y880        |     T360 -T66         |     M300 -M359
M   Y883              |   M Y400 -Y599        |     M625
                      |     Y842              |     N000 -N399
   --- I428  ---      |   M Y883              |     P200 -P220
                      |                       |     Q200 -Q249
    A162 -A1690       |    --- I4280 ---      |     R31
M   A178              |                       |     R54
M   A181              |     I4280             |     R75
M   A188              |                       |     T360 -T66
    B200 -B24         |    --- I429  ---      |   M Y400 -Y599
    B332              |                       |     Y842
    B560 -B575        |     A162 -A1690       |   M Y883
M   B948        *     |   M A178              |
M   C000 -C97         |   M A181              |    --- I4290 ---
    D151              |   M A188              |
    D467 -D469        |     B200 -B24         |     I4290
    D500 -D649        |     B332              |
    D758              |     B560 -B575        |  --- I440 -I509  ---
    D860 -D869        |   M B948        *     |
    E000 -E0390       |   M C000 -C97         |     A000 -G98
    E050 -E059        |     D151              |   M H000 -H959
    E100 -E149        |     D467 -D469        |     I00  -L599
    E220              |     D500 -D649        |   M L88  -L929
    E40  -E519        |     D758              |     L930 -L989
    E639              |     D860 -D869        |   M M000 -M259
    E641              |     E000 -E0390       |     M300 -M679
    E648 -E649        |     E050 -E059        |   M M700 -M799
    E660 -E669        |     E100 -E149        |     M800 -N459
    E740              |     E220              |     N480 -N959
    E760 -E769        |     E40  -E519        |     N990 -N999
    E831              |     E639              |     P000 -R198
    E850 -E859        |     E641              |     R290 -R458
```

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                            TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


--- I440 -I509  --- |    --- I511  ---     |  --- I512 -I513  ---
       CONTINUED    |                      |         CONTINUED
       R463         |    A000 -E899        |       P000 -P049
       R500 -R825   |  M F03               |       P100 -Q079
     M R826         |  M F069              |       Q200 -Q219
       R827 -R892   |    F100 -F199        |       Q240 -Q246
     M R893         |  M F29               |     M Q248
       R894 -R961   |    F55               |       Q249 -Q349
       R98  -Y899   |    G000 -G419        |       Q380 -Q459
                    |    G450 -G98         |       Q600 -Q799
    --- I510  ---   |    H600 -H709        |       Q850 -R098
                    |    I00  -I899        |       R11
                    |    I970 -J80         |       R160 -R18
       A000 -A09    |    J82  -J980        |       R222
     M A181         |    J982 -J989        |       R300 -R398
       A200 -B89    |    K040 -M1990       |       R500 -R509
       B908 -E899   |    M300 -M949        |       R53  -R54
       F100 -F199   |    N000 -N459        |       R560 -R609
       G000 -G419   |    N600 -N959        |       R634 -R635
       G450 -G459   |    N980 -N999        |       R64
       G500 -G729   |    P000 -P049        |       R688 -R799
       G900 -G98    |    P100 -Q079        |     M R826
       H650 -H839   |    Q200 -Q349        |     M R893
       I00  -I029   |    Q380 -Q680        |       S000 -Y899
       I10  -I339   |    Q750 -Q799        |
       I400 -I519   |    Q850 -Q999        |    --- I514  ---
       I700 -J80    |    R02               |
       J82  -J989   |    R54               |  M A000 -D489
       K20  -K929   |    R75               |    D500 -E899
       L89          |  M S000 -Y899        |    F03
       L97          |                      |    F100 -F109
       L984         |  --- I512 -I513  --- |    G000 -G09
       M000 -M1990  |                      |    G35  -G379
       M300 -M549   |                      |    G700 -G729
       M800 -M959   |    A000 -A09         |    I00  -I259
       N000 -N399   |  M A181              |    I270 -I279
       N600 -N96    |    A200 -B89         |    I310 -I4290
       N990 -N999   |    B908 -E899        |    I500 -I5000
       P000 -P049   |    F100 -F199        |    I510 -I519
       P100 -Q079   |    G000 -G419        |    I700 -I729
       Q240 -Q249   |    G450 -G459        |    J1010
       Q260 -Q349   |    G500 -G729        |    J1110
       Q380 -Q459   |    G900 -G98         |  M J200 -J219
       Q600 -Q799   |    H650 -H839        |    J40  -J668
       Q850 -R098   |    I00  -I029        |    J848 -J8490
       R11          |    I10  -I339        |    J90
       R160 -R18    |    I400 -I519        |    J9840
       R222         |    I700 -J80         |    K700 -K808
       R300 -R398   |    J82  -J989        |    K85  -K869
       R500 -R509   |    K20  -K929        |    L930 -L932
       R53  -R54    |    L89               |    M000 -M359
       R560 -R609   |    L97               |    N000 -N399
       R634 -R635   |    L984              |    P200 -P219
       R64          |    M000 -M1990       |    P350
       R688 -R799   |    M300 -M549        |    P942
     M R826         |    M800 -M959        |
     M R893         |    N000 -N399        |    Q200 -Q289
       S000 -Y899   |    N600 -N96         |    Q330 -Q349
                    |    N990 -N999        |    Q600 -Q649
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

```
   --- I514  ---     |    --- I515  ---     |     --- I516   ---
     CONTINUED       |      CONTINUED       |       CONTINUED
      R091           |      K85  -K869      |       I500 -I5000
      R33            |      L930 -L932      |       I510 -I519
      R54            |      M000 -M359      |       I700 -I729
      R688           |      N000 -N399      |     M J100 -J118
      R75            |      P200 -P219      |       J120 -J189
      R99            |      P350           |     M J200 -J219
    M S000 -Y899     |      P942           |       J40  -J668
                     |      Q200 -Q289      |     M J841 -J8410
   --- I5140 ---     |      Q330 -Q349      |       J848 -J8490
                     |      Q600 -Q649      |       J90
    M A500 -A539     |      R091           |       J9840
      D760           |      R33            |       K700 -K808
      D763           |      R54            |       K85  -K869
      D890 -E069     |      R688           |       L930 -L932
      E100 -E149     |      R75            |       M000 -M359
      E320 -E329     |      R99            |       N000 -N399
      E700 -E839     |    M S000 -Y899     |       P200 -P219
      E880 -E889     |                     |       P350
      E891           |    --- I5150 ---    |       P942
      E893           |                     |       Q200 -Q289
      I10  -I209     |    M A500 -A539     |       Q330 -Q349
      I250 -I259     |      D760           |       Q600 -Q649
      I5140          |      D763           |       R091
      I700 -I709     |      D890 -E069     |       R33
      M100 -M109     |      E100 -E149     |       R54
      M300 -M359     |      E320 -E329     |       R688
      N000 -N399     |      E700 -E839     |       R75
      Q200 -Q289     |      E880 -E889     |       R99
      Q600 -Q639     |      E891           |     M S000 -Y899
      R33            |      E893           |
      R54            |      I10  -I209     |   --- I517 -I518  ---
      T383           |      I250 -I259     |
                     |      I5150          |       A000 -E899
   --- I515  ---     |      I700 -I709     |     M F03
                     |      M100 -M109     |     M F069
    M A000 -D489     |      M300 -M359     |       F100 -F199
      D500 -E899     |      N000 -N399     |     M F29
      F03            |      Q200 -Q289     |       F55
      F100 -F109     |      Q600 -Q639     |       G000 -G419
      G000 -G09      |      R33            |       G450 -G98
      G35  -G379     |      R54            |       H600 -H709
      G700 -G729     |      T383           |       I00  -I899
      I00  -I259     |                     |       I970 -J80
      I270 -I279     |    --- I516  ---    |       J82  -J980
      I310 -I4290    |                     |       J982 -J989
      I500 -I5000    |    M A000 -D489     |       K040 -M1990
      I510 -I519     |      D500 -E899     |       M300 -M949
      I700 -I729     |      F03            |       N000 -N459
      J1010          |      F100 -F109     |       N600 -N959
      J1110          |      G000 -G09      |       N980 -N999
    M J200 -J219     |      G35  -G379     |       P000 -P049
      J40  -J668     |      G700 -G729     |       P100 -Q079
      J848 -J8490    |      I00  -I259     |       Q200 -Q349
      J90            |      I270 -I279     |       Q380 -Q680
      J9840          |      I310 -I4290    |       Q750 -Q799
      K700 -K808     |    M I48  -I499     |       Q850 -Q999
```

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--- I517 -I518  --- |    --- I600  ---    |    --- I600   ---
      CONTINUED      |      CONTINUED      |      CONTINUED
      R02            |    D199             |  M R826
      R54            |    D213             |    R827 -R829
      R64            |    D219             |  M R893
      R75            |    D320 -D359       |    R900 -R91
  M S000 -Y899       |    D369             |    R930
                     |    D380 -D386       |    T360 -T659
    --- I519  ---    |    D420 -D479       |    T810
                     |  M D486 -D487       |    T812
      A000 -E899     |    D489 -E899       |  M T828          *
  M F03              |    F069             |    Y400 -Y599
  M F069             |    F100 -F169       |
    F100 -F199       |    F180 -F199       |    --- I6000 ---
  M F29              |    G000 -G419       |
    F55              |    G450 -G459       |    A500 -A509
    G000 -G419       |    G474             |  M A510
    G450 -G98        |    G600             |    A511 -A539
    H600 -H709       |    G602             |  M A630
    I00  -I899       |    G608             |  M A871 -A872
    I970 -J80        |    G800 -G809       |  M B200 -B24
    J82  -J980       |  M G810 -G839       |  M E830
    J982 -J989       |    G900 -G98        |  M I050 -I080
    K040 -M1990      |  M I00  -I139       |  M I089 -I099
    M300 -M949       |    I250 -I259       |  M I341
    N000 -N459       |    I270 -I789       |    I6000
    N600 -N959       |    I950 -I959       |  M I6060
    N980 -N999       |  M J440 -J449       |  M I6070
    P000 -P049       |    J450 -J46        |  M I6080-I6090
    P100 -Q079       |    J960 -J969       |  M I671
    Q200 -Q349       |    J982 -J989       |  M I700
    Q380 -Q680       |    M300 -M359       |    I701 -I709
    Q750 -Q799       |    N000 -N289       |  M I729
    Q850 -Q999       |    N390             |  M I770
  M R000 -R012    *  |    P200 -P220       |  M L678
    R02              |    Q000 -Q289       |  M Q019
    R54              |    Q600 -Q649       |  M Q049
    R64              |    Q770 -Q789       |  M Q185
    R75              |    Q870             |  M Q740
  M S000 -Y899       |    Q900 -Q999       |  M Q742
                     |    R02  -R030       |  M Q798
    --- I600  ---    |    R040 -R049       |  M Q860
                     |    R060 -R068       |    Q861 -Q868
      A170 -A179     |    R090             |  M Q870 -Q874
  M A180             |    R092             |  M Q878
    A181             |    R098             |  M Q898 -Q899
  M A187 -A188       |    R31              |  M Q999
    A190 -C97        |    R33  -R34        |  M R75
    D020 -D024       |    R392             |    S090
    D076 -D091       |    R500 -R509       |    S150 -S153
    D093 -D119       |    R54              |    S159
    D140 -D159       |    R560 -R5800      |
    D164             |    R600 -R609       |  --- I601 -I606  ---
  M D173             |    R75              |
    D174             |    R780             |    A170 -A179
  M D177             |    R788             |  M A180
    D180 -D190       |    R790             |    A181
  M D197             |    R80  -R825       |  M A187 -A188
```

--- I601 -I606 ---	--- I601 -I606 ---	--- I607 ---
CONTINUED	CONTINUED	CONTINUED
A190 -C97	R33 -R34	D180 -D190
D020 -D024	R392	M D197
D076 -D091	R500 -R509	D199
D093 -D119	R54	D213
D140 -D159	R560 -R5800	D219
D164	R600 -R609	D320 -D359
M D173	R75	D369
D174	R780	D380 -D386
M D177	R788	D420 -D479
D180 -D190	R790	M D486 -D487
M D197	R80 -R825	D489 -E899
D199	M R826	F069
D213	R827 -R829	F100 -F169
D219	M R893	F180 -F199
D320 -D359	R900 -R91	G000 -G419
D369	R930	G450 -G459
D380 -D386	T360 -T659	G474
D420 -D479	T810	G600
M D486 -D487	T812	G602
D489 -E899	M T828 *	G608
F069	Y400 -Y599	G800 -G809
F100 -F169		M G810 -G839
F180 -F199	--- I6060 ---	G900 -G98
G000 -G419		M I00 -I139
G450 -G459	A500 -A539	I250 -I259
G474	M B200 -B24	I270 -I789
G600	I6060	I950 -I959
G602	M I671	M J440 -J449
G608	M I700 -I709	J450 -J46
G800 -G809	M I729	J960 -J969
M G810 -G839	M I770	J982 -J989
G900 -G98	P013	M300 -M359
M I00 -I139	P350 -P359	N000 -N289
I250 -I259	P370 -P379	N390
I270 -I789	Q2820	P200 -P220
I950 -I959	Q2830	Q000 -Q289
M J440 -J449	M Q870 -Q999	Q600 -Q649
J450 -J46	M R75	Q770 -Q789
J960 -J969	M S090	Q870
J982 -J989	M S150 -S159	Q900 -Q999
M300 -M359		R02 -R030
N000 -N289	--- I607 ---	R040 -R049
N390		R060 -R068
P200 -P220	A170 -A179	R090
Q000 -Q289	M A180	R092
Q600 -Q649	A181	R098
Q770 -Q789	M A187 -A188	R31
Q870	A190 -C97	R33 -R34
Q900 -Q999	D020 -D024	R392
R02 -R030	D076 -D091	R500 -R509
R040 -R049	D093 -D119	R54
R060 -R068	D140 -D159	R560 -R5800
R090	D164	R600 -R609
R092	M D173	R75
R098	D174	R780
R31	M D177	R788

--- I607 ---	--- I608 ---	--- I608 ---
CONTINUED	CONTINUED	CONTINUED
R790	D420 -D479	T810
R80 -R825	M D486 -D487	T812
M R826	D489 -E899	M T828 *
R827 -R829	F069	Y400 -Y599
M R893	F100 -F169	
R900 -R91	F180 -F199	--- I6080 ---
R930	G000 -G419	
T360 -T659	G450 -G459	A500 -A539
T810	G474	M B200 -B24
T812	G600	I6080
M T828 *	G602	M I671
Y400 -Y599	G608	M I700 -I709
	G800 -G809	M I729
--- I6070 ---	M G810 -G839	M I770
	G900 -G98	P013
A500 -A539	M I00 -I139	P350 -P359
M B200 -B24	I250 -I259	P370 -P379
I6070	I270 -I789	Q2820
M I671	I950 -I959	Q2830
M I700 -I709	M J440 -J449	M Q870 -Q999
M I729	J450 -J46	M R75
M I770	J960 -J969	M S090
P013	J982 -J989	M S150 -S159
P350 -P359	M300 -M359	
P370 -P379	N000 -N289	--- I609 ---
Q2820	N390	
Q2830	P200 -P220	A170 -A179
M Q870 -Q999	Q000 -Q289	M A180
M R75	Q600 -Q649	A181
M S090	Q770 -Q789	M A187 -A188
M S150 -S159	Q870	A190 -C97
T810	Q900 -Q999	D020 -D024
	R02 -R030	D076 -D091
--- I608 ---	R040 -R049	D093 -D119
	R060 -R068	D140 -D159
A170 -A179	R090	D164
M A180	R092	M D173
A181	R098	D174
M A187 -A188	R31	M D177
A190 -C97	R33 -R34	D180 -D190
D020 -D024	R392	M D197
D076 -D091	R500 -R509	D199
D093 -D119	R54	D213
D140 -D159	R560 -R5800	D219
D164	R600 -R609	D320 -D359
M D173	R75	D369
D174	R780	D380 -D386
M D177	R788	D420 -D479
D180 -D190	R790	M D486 -D487
M D197	R80 -R825	D489 -E899
D199	M R826	F069
D213	R827 -R829	F100 -F169
D219	M R893	F180 -F199
D320 -D359	R900 -R91	G000 -G419
D369	R930	G450 -G459
D380 -D386	T360 -T659	G474

--- I609 ---	--- I6090 ---	--- I610 -I620 ---
CONTINUED	CONTINUED	CONTINUED
G600	I6090	M J440 -J449
G602	M I671	J450 -J46
G608	M I700 -I709	J960 -J969
G800 -G809	M I729	J982 -J989
M G810 -G839	M I770	M300 -M359
G900 -G98	P013	N000 -N289
M I00 -I139	P350 -P359	N390
I250 -I259	P370 -P379	P200 -P220
I270 -I789	Q2820	Q000 -Q289
I950 -I959	Q2830	Q600 -Q649
M J440 -J449	M Q870 -Q999	Q770 -Q789
J450 -J46	M R75	Q870
J960 -J969	M S090	Q900 -Q999
J982 -J989	M S150 -S159	R02 -R030
M300 -M359		R040 -R049
N000 -N289	--- I610 -I620 ---	R060 -R068
N390		R090
P200 -P220	A170 -A179	R092
Q000 -Q289	M A180	R098
Q600 -Q649	A181	R31
Q770 -Q789	M A187 -A188	R33 -R34
Q870	A190 -C97	R392
Q900 -Q999	D020 -D024	R500 -R509
R02 -R030	D076 -D091	R54
R040 -R049	D093 -D119	R560 -R5800
R060 -R068	D140 -D159	R600 -R609
R090	D164	R75
R092	M D173	R780
R098	D174	R788
R31	M D177	R790
R33 -R34	D180 -D190	R80 -R825
R392	M D197	M R826
R500 -R509	D199	R827 -R829
R54	D213	M R893
R560 -R5800	D219	R900 -R91
R600 -R609	D320 -D359	R930
R75	D369	T360 -T659
R780	D380 -D386	T810
R788	D420 -D479	T812
R790	M D486 -D487	M T828 *
R80 -R825	D489 -E899	M T850 -T853
M R826	F069	Y400 -Y599
R827 -R829	F100 -F169	
M R893	F180 -F199	--- I621 ---
R900 -R91	G000 -G419	
R930	G450 -G459	A170 -A179
T360 -T659	G474	M A180
T810	G600	A181
T812	G602	M A187 -A188
M T828 *	G608	A190 -C97
Y400 -Y599	G800 -G809	D020 -D024
	M G810 -G839	D076 -D091
--- I6090 ---	G900 -G98	D093 -D119
	I00 -I139	D140 -D159
A500 -A539	I250 -I789	D164
M B200 -B24	I950 -I959	M D173

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                           TABLE D
         CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


     --- I621 ---     |     --- I621 ---     |     --- I629  ---
        CONTINUED     |        CONTINUED     |        CONTINUED
      D174            |      R788            |      I250 -I789
  M D177              |      R790            |      I950 -I959
      D180 -D190      |      R80  -R825      |   M J440 -J449
  M D197              |    M R826            |      J450 -J46
      D199            |      R827 -R829      |      J960 -J969
      D213            |    M R893            |      J982 -J989
      D219            |      R900 -R91       |      M300 -M359
      D320 -D359      |      R930            |      N000 -N289
      D369            |      T360 -T659      |      N390
      D380 -D386      |      T810            |      P200 -P220
      D420 -D479      |      T812            |      Q000 -Q289
  M D486 -D487        |    M T828          * |      Q600 -Q649
      D489 -E899      |      T850 -T853      |      Q770 -Q789
      F069            |    M T856            |      Q870
      F100 -F169      |    M T983            |      Q900 -Q999
      F180 -F199      |      Y400 -Y599      |      R02  -R030
      G000 -G419      |                      |      R040 -R049
      G450 -G459      |     --- I629  ---    |      R060 -R068
      G474            |                      |      R090
      G600            |      A170 -A179      |      R092
      G602            |    M A180            |      R098
      G608            |      A181            |      R31
      G800 -G809      |    M A187 -A188      |      R33  -R34
  M G810 -G839        |      A190 -C97       |      R392
      G900 -G98       |      D020 -D024      |      R500 -R509
      I00  -I139      |      D076 -D091      |      R54
      I250 -I789      |      D093 -D119      |      R560 -R5800
      I950 -I959      |      D140 -D159      |      R600 -R609
  M J440 -J449        |      D164            |      R75
      J450 -J46       |    M D173            |      R780
      J960 -J969      |      D174            |      R788
      J982 -J989      |    M D177            |      R790
      M300 -M359      |      D180 -D190      |      R80  -R825
      N000 -N289      |    M D197            |    M R826
      N390            |      D199            |      R827 -R829
      P200 -P220      |      D213            |    M R893
      Q000 -Q289      |      D219            |      R900 -R91
      Q600 -Q649      |      D320 -D359      |      R930
      Q770 -Q789      |      D369            |      T360 -T659
      Q870            |      D380 -D386      |      T810
      Q900 -Q999      |      D420 -D479      |      T812
      R02  -R030      |    M D486 -D487      |    M T828          *
      R040 -R049      |      D489 -E899      |      Y400 -Y599
      R060 -R068      |      F069            |
      R090            |      F100 -F169      |     --- I630  ---
      R092            |      F180 -F199      |
      R098            |      G000 -G419      |      A000 -A09
      R31             |      G450 -G459      |      A170 -A180
      R33  -R34       |      G474            |      A199 -E899
      R392            |      G600            |      F019 -F03
      R500 -R509      |      G602            |      F069
      R54             |      G608            |      F100 -F199
      R560 -R5800     |      G800 -G809      |      G000 -G419
      R600 -R609      |    M G810 -G839      |      G450 -G459
      R75             |      G900 -G98       |      G474
      R780            |      I00  -I139      |      G600
```

--- I630 ---		--- I631 ---		--- I631 ---
CONTINUED				CONTINUED
G602		A000 -A09		R80 -R825
G608		A170 -A180		M R826
G800 -G809		A199 -E899		R827 -R829
M G810 -G839		F019 -F03		M R893
G900 -G98		F069		R900 -R91
M H000 -H959		F100 -F199		R930
I00 -I029		G000 -G419		M S000 -Y899
I090		G450 -G459		
I092 -I319		G474		--- I632 -I633 ---
I400 -J80		G600		
J82 -J980		G602		A000 -A09
J982 -J989		G608		A170 -A180
L020 -L039		G800 -G809		A199 -E899
M000 -M1990		M G810 -G839		F019 -F03
M320 -M359		G900 -G98		F069
M810 -M819		M H000 -H959		F100 -F199
M844		I00 -J80		G000 -G419
M852 -M853		J82 -J980		G450 -G459
M856		J982 -J989		G474
M878		L020 -L039		G600
M890		M000 -M1990		G602
M940		M320 -M359		G608
N000 -N399		M810 -M819		G800 -G809
N430 -N434		M844		M G810 -G839
N450 -N459		M852 -M853		G900 -G98
N47 -N489		M856		M H000 -H959
N600 -N959		M878		I00 -I029
N990 -N999		M890		I090
P000 -P049		M940		I092 -I319
P100 -Q379		N000 -N399		I400 -J80
Q500 -Q649		N430 -N434		J82 -J980
Q850 -Q999		N450 -N459		J982 -J989
R02 -R030		N47 -N489		L020 -L039
R040 -R049		N600 -N959		M000 -M1990
R060 -R068		N990 -N999		M320 -M359
R090		P000 -P049		M810 -M819
R092		P100 -Q379		M844
R098		Q500 -Q649		M852 -M853
R31		Q850 -Q999		M856
R33 -R34		R02 -R030		M878
R392		R040 -R049		M890
R500 -R509		R060 -R068		M940
R54		R090		N000 -N399
R560 -R5800		R092		N430 -N434
R600 -R609		R098		N450 -N459
R75		R31		N47 -N489
R780		R33 -R34		N600 -N959
R788		R392		N990 -N999
R790		R500 -R509		P000 -P049
R80 -R825		R54		P100 -Q379
M R826		R560 -R5800		Q500 -Q649
R827 -R829		R600 -R609		Q850 -Q999
M R893		R75		R02 -R030
R900 -R91		R780		R040 -R049
R930		R788		R060 -R068
M S000 -Y899		R790		R090

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                              TABLE D
            CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

  --- I632 -I633 --- |    --- I634 ---      | --- I635 -I639 ---
       CONTINUED     |       CONTINUED      |       CONTINUED
       R092          |    N600 -N959        |    M000 -M1990
       R098          |    N990 -N999        |    M320 -M359
       R31           |    P000 -P049        |    M810 -M819
       R33   -R34    |    P100 -Q379        |    M844
       R392          |    Q500 -Q649        |    M852 -M853
       R500 -R509    |    Q850 -Q999        |    M856
       R54           |    R02  -R030        |    M878
       R560 -R5800   |    R040 -R049        |    M890
       R600 -R609    |    R060 -R068        |    M940
       R75           |    R090              |    N000 -N399
       R780          |    R092              |    N430 -N434
       R788          |    R098              |    N450 -N459
       R790          |    R31               |    N47  -N489
       R80   -R825   |    R33   -R34        |    N600 -N959
   M R826           |    R392              |    N990 -N999
       R827 -R829    |    R500 -R509        |    P000 -P049
   M R893           |    R54               |    P100 -Q379
       R900 -R91     |    R560 -R5800       |    Q500 -Q649
       R930          |    R600 -R609        |    Q850 -Q999
   M S000 -Y899      |    R75               |    R02  -R030
                     |    R780              |    R040 -R049
    --- I634  ---    |    R788              |    R060 -R068
                     |    R790              |    R090
                     |    R80   -R825       |    R092
       A000 -A09     |  M R826             |    R098
       A170 -A180    |    R827 -R829        |    R31
       A199 -E899    |  M R893             |    R33   -R34
       F019 -F03     |    R900 -R91         |    R392
       F069          |    R930              |    R500 -R509
       F100 -F199    |  M S000 -Y899        |    R54
       G000 -G419    |                      |    R560 -R5800
       G450 -G459    |  --- I635 -I639  --- |    R600 -R609
       G474          |                      |    R75
       G600          |                      |    R780
       G602          |    A000 -A09         |    R788
       G608          |    A170 -A180        |    R790
       G800 -G809    |    A199 -E899        |    R80   -R825
   M G810 -G839      |    F019 -F03         |  M R826
       G900 -G98     |    F069              |    R827 -R829
   M H000 -H959      |    F100 -F199        |  M R893
       I00  -J80     |    G000 -G419        |    R900 -R91
       J82  -J980    |    G450 -G459        |    R930
       J982 -J989    |    G474              |  M S000 -Y899
       L020 -L039    |    G600              |
       M000 -M1990   |    G602              |    --- I64   ---
       M320 -M359    |    G608              |
       M810 -M819    |    G800 -G809        |
       M844          |  M G810 -G839        |    A000 -A09
       M852 -M853    |    G900 -G98         |    A170 -A180
       M856          |  M H000 -H959        |    A199 -E899
       M878          |    I00  -I029        |    F019 -F03
       M890          |    I090              |    F069
       M940          |    I092 -I319        |    F100 -F199
       N000 -N399    |    I400 -J80         |    G000 -G419
       N430 -N434    |    J82  -J980        |    G450 -G459
       N450 -N459    |    J982 -J989        |    G474
       N47  -N489    |    L020 -L039        |    G600

                           D-199   (10-04)
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                           TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


    --- I64   ---      |    --- I64   ---      |    --- I670   ---
      CONTINUED        |      CONTINUED        |      CONTINUED
    G602               |  M S000 -Y899         |    R500 -R509
    G608               |                       |    R54
    G800 -G809         |    --- I670   ---      |    R560 -R579
M   G810 -G839         |                       |    R600 -R609
    G900 -G98          |    A500 -A539         |    R75
M   H000 -H959         |    A800 -A819         |    R780 -R825
    I00  -I029         |    A839 -A89          |  M R826
    I090               |    B003 -B004         |    R827 -R829
    I092 -I319         |    B020 -B022         |  M R893
    I400 -J80          |    B200 -B24          |    R91
    J82  -J980         |    B900               |    R934
    J982 -J989         |    B909               |    R938
    L020 -L039         |    B941               |    R942
    M000 -M1990        |  M C000 -D489         |  M S000 -Y899
    M320 -M359         |    E000 -E349         |
    M810 -M819         |    E660 -E669         |    --- I671   ---
    M844               |    E700 -E839         |
    M852 -M853         |  M E870 -E878         |    A500 -A539
    M856               |  M E890 -E899         |    I6090
    M878               |    F069               |    I671
    M890               |    G000 -G419         |  M I700 -I709
    M940               |    G450 -G459         |  M I729
    N000 -N399         |    G474               |  M I770
    N430 -N434         |    G600               |    M358 -M359
    N450 -N459         |    G602               |    P013
    N47  -N489         |    G608               |    P350 -P359
    N600 -N959         |    G800 -G969         |    P370 -P379
    N990 -N999         |    I00  -I029         |    Q2820
    P000 -P049         |    I090               |    Q2830
    P100 -Q379         |    I092 -I289         |  M Q870 -Q999
    Q500 -Q649         |    I310 -I319         |  M S090
    Q850 -Q999         |    I400 -I789         |  M S150 -S159
    R02  -R030         |    I970 -I979         |
    R040 -R049         |    J100 -J209         |    --- I672   ---
    R060 -R068         |    J410 -J459         |
    R090               |    J60                |  M A500 -A539
    R092               |    J80  -J853         |    E000 -E349
    R098               |    J960 -J989         |    E660 -E669
    R31                |    M069               |    E700 -E839
    R33  -R34          |    M100 -M109         |  M E890 -E899
    R392               |    M300 -M359         |    I10  -I139
    R500 -R509         |  M M800 -M949         |    I672
    R54                |    N000 -N399         |    I700 -I709
    R560 -R5800        |    P000 -Q079         |  M I770
    R600 -R609         |    Q200 -Q289         |    I99
    R64                |    Q600 -Q619         |    M100 -M109
    R75                |    Q630 -Q639         |    M300 -M359
    R780               |    Q890 -Q892         |    N000 -N289
    R788               |    R001               |    N390
    R790               |    R008               |    Q600 -Q619
    R80  -R825         |    R012 -R030         |    Q630 -Q639
M   R826               |    R040 -R049         |    Q890 -Q892
    R827 -R829         |    R060 -R068         |    R54
M   R893               |    R090 -R098         |    T383
    R900 -R91          |    R300 -R309         |    Y423
    R930               |    R33  -R34          |
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   --- I673  ---      |    --- I673  ---      |    --- I675   ---
                      |      CONTINUED        |      CONTINUED
     A162 -A199       |      R600 -R609       |      C880 -C883
     A500 -A539       |      R75              |      D472
     A800 -A819       |      R780 -R825       |      D477
     A839 -A89        |    M R826             |      D760
     B003 -B004       |      R827 -R829       |      D763
     B020 -B022       |    M R893             |      D890 -E279
     B200 -B24        |      R91              |      E320 -E329
     B900             |      R934             |      E660 -E678
     B909             |      R938             |      E700 -E839
     B941             |      R942             |      E880 -E889
   M C000 -D489       |    M S000 -Y899       |      G936
     E000 -E349       |                       |      G938
     E660 -E669       |      --- I674  ---     |      G951
     E700 -E839       |                       |      I00  -I029
   M E870 -E878       |    M A187 -A188       |      I090
   M E890 -E899       |      A500 -A539       |      I092 -I139
     F069             |      B908             |      I250 -I259
     G000 -G419       |      C64  -C65        |      I670 -I679
     G450 -G459       |      C740 -C759       |      I700 -I789
     G474             |      C790             |      M100 -M109
     G600             |      C797             |      M320 -M359
     G602             |    M C798             |      N000 -N399
     G608             |    M C810 -C97        |      Q600 -Q619
     G800 -G969       |    M D091             |      Q630 -Q639
     I00  -I029       |    M D093             |      Q890 -Q892
     I090             |      D300 -D301       |      R31
     I092 -I289       |      D350 -D359       |      R54
     I310 -I319       |      D410 -D411       |
     I400 -I789       |      D440 -D449       |      --- I676   ---
     I970 -I979       |      D472             |
     J100 -J209       |      D477             |      A162 -A199
     J410 -J459       |      D570 -D578       |      A500 -A539
     J60              |      D760 -E0390      |      A800 -A819
     J80  -J853       |      E100 -E237       |      A839 -A89
     J960 -J989       |      E250 -E279       |      B003 -B004
     M069             |      E660 -E678       |      B020 -B022
     M100 -M109       |      E700 -E899       |      B200 -B24
     M300 -M359       |      I00  -I029       |      B900
   M M800 -M949       |      I090             |      B909
     N000 -N399       |      I092 -I259       |      B941
     P000 -Q079       |      I600 -I709       |    M C000 -D489
     Q200 -Q289       |      L930 -L932       |      E000 -E349
     Q600 -Q619       |      M100 -M109       |      E660 -E669
     Q630 -Q639       |      M320 -M359       |      E700 -E839
     Q890 -Q892       |      N000 -N399       |    M E870 -E878
     R001             |      Q600 -Q619       |    M E890 -E899
     R008             |      Q630 -Q639       |      F069
     R012 -R030       |      Q890 -Q892       |      G000 -G419
     R040 -R049       |      R31              |      G450 -G459
     R060 -R068       |      R54              |      G474
     R090 -R098       |      Y400 -Y599       |      G600
     R300 -R309       |                       |      G602
     R33  -R34        |      --- I675  ---     |      G608
     R500 -R509       |                       |      G800 -G969
     R54              |      A170 -A179       |      I00  -I029
     R560 -R579       |      A500 -A539       |      I090
```

--- I676 ---	--- I677 ---	--- I678 ---
CONTINUED	CONTINUED	CONTINUED
I092 -I289	E700 -E839	J80 -J853
I310 -I319	E880 -E889	J960 -J989
I400 -I789	G936	M069
I970 -I979	G938	M100 -M109
J100 -J209	G951	M300 -M359
J410 -J459	I00 -I029	M M800 -M949
J60	I090	N000 -N399
J80 -J853	I092 -I139	P000 -Q079
J960 -J989	I250 -I259	Q200 -Q289
M069	I670 -I679	Q600 -Q619
M100 -M109	I700 -I789	Q630 -Q639
M300 -M359	M100 -M109	Q890 -Q892
M M800 -M949	M320 -M359	R001
N000 -N399	N000 -N399	R008
P000 -Q079	Q600 -Q619	R012 -R030
Q200 -Q289	Q630 -Q639	R040 -R049
Q600 -Q619	Q890 -Q892	R060 -R068
Q630 -Q639	R31	R090 -R098
Q890 -Q892	R54	R300 -R309
R001	M R75	R33 -R34
R008		R500 -R509
R012 -R030	--- I678 ---	R54
R040 -R049		R560 -R579
R060 -R068		R600 -R609
R090 -R098	A162 -A199	R75
R300 -R309	A500 -A539	R780 -R825
R33 -R34	A800 -A819	M R826
R500 -R509	A839 -A89	R827 -R829
R54	B003 -B004	M R893
R560 -R579	B020 -B022	R91
R600 -R609	B200 -B24	R934
R75	B900	R938
R780 -R825	B909	R942
M R826	B941	M S000 -Y899
R827 -R829	M C000 -D489	
M R893	E000 -E349	--- I679 ---
R91	E660 -E669	
R934	E700 -E839	
R938	M E870 -E878	A162 -A199
R942	M E890 -E899	A500 -A539
M S000 -Y899	F069	A800 -A819
	G000 -G419	A839 -A89
--- I677 ---	G450 -G459	B003 -B004
	G474	B020 -B022
	G600	B200 -B24
A1690-A179	G602	B900
A329	G608	B909
A500 -A539	G800 -G969	B941
M B200 -B24	I00 -I029	M C000 -D489
C880 -C883	I090	E000 -E349
D472	I092 -I289	E660 -E669
D477	I310 -I319	E700 -E839
D760	I400 -I789	M E870 -E878
D763	I950 -I979	M E890 -E899
D890 -E279	J100 -J209	F069
E320 -E329	J410 -J459	G000 -G09
E660 -E678	J60	I00 -I029

--- I679 ---	--- I690 -I692 ---	--- I693 ---
CONTINUED	CONTINUED	
I090	G608	A000 -A09
I092 -I289	G800 -G809	A170 -A180
I310 -I319	M G810 -G839	A199 -E899
I400 -I789	G900 -G969	F019 -F03
I970 -I979	M H000 -H959	F069
J100 -J209	I00 -I899	F100 -F199
J410 -J459	I970 -J80	G000 -G419
J60	J82 -J980	G450 -G459
J80 -J853	J982 -J989	G474
J960 -J989	L020 -L039	G600
M069	M000 -M1990	G602
M100 -M109	M320 -M359	G608
M300 -M359	M810 -M819	G800 -G809
M M800 -M949	M844	M G810 -G839
N000 -N399	M852 -M853	G900 -G969
P000 -Q079	M856	M H000 -I692
Q200 -Q289	M878	I693
Q600 -Q619	M890	M I694 -I899
Q630 -Q639	M940	I970 -J80
Q890 -Q892	N000 -N399	J82 -J980
R001	N430 -N434	J982 -J989
R008	N450 -N459	L020 -L039
R012 -R030	N47 -N489	M000 -M1990
R040 -R049	N600 -N959	M320 -M359
R060 -R068	N990 -N999	M810 -M819
R090 -R098	P000 -P049	M844
R300 -R309	P100 -Q379	M852 -M853
R33 -R34	Q500 -Q649	M856
R500 -R509	Q850 -Q999	M878
R54	R02 -R030	M890
R560 -R579	R040 -R049	M940
R600 -R609	R060 -R068	N000 -N399
R75	R090	N430 -N434
R780 -R825	R092	N450 -N459
M R826	R098	N47 -N489
R827 -R829	R31	N600 -N959
M R893	R33 -R34	N990 -N999
R91	R392	P000 -P049
R934	R500 -R509	P100 -Q379
R938	R54	Q500 -Q649
R942	R560 -R5800	Q850 -Q999
M S000 -Y899	R600 -R609	R02 -R030
	R75	R040 -R049
--- I690 -I692 ---	R780	R060 -R068
	R788	R090
A000 -A09	R790	R092
A170 -A180	R80 -R825	R098
A199 -E899	M R826	R31
F019 -F03	R827 -R829	R33 -R34
F069	M R893	R392
F100 -F199	R900 -R91	R500 -R509
G000 -G419	R930	R54
G450 -G459	M S000 -Y899	R560 -R5800
G474		R600 -R609
G600		R75
G602		R780

```
  --- I693 ---     |    --- I694 ---      |    --- I698  ---
     CONTINUED     |       CONTINUED      |       CONTINUED
     R788          |      R040 -R049      |    M M878
     R790          |      R060 -R068      |    M M890
     R80  -R825    |      R090           |    M M940
   M R826          |      R092           |    M N000 -N399
     R827 -R829    |      R098           |    M N430 -N434
   M R893          |      R31            |    M N450 -N459
     R900 -R91     |      R33  -R34      |    M N47  -N489
     R930          |      R392           |    M N600 -N959
   M S000 -Y899    |      R500 -R509     |    M N990 -N999
                   |      R54            |    M P000 -P049
   --- I694  ---   |      R560 -R5800    |    M P100 -Q379
                   |      R600 -R609     |    M Q500 -Q649
     A000 -A09     |      R64            |    M Q850 -Q999
     A170 -A180    |      R75            |    M R02  -R030
     A199 -E899    |      R780           |    M R040 -R049
     F019 -F03     |      R788           |    M R060 -R068
     F069          |      R790           |    M R090
     F100 -F199    |      R80  -R825     |    M R092
     G000 -G419    |    M R826           |    M R098
     G450 -G459    |      R827 -R829     |    M R31
     G474          |    M R893           |    M R33  -R34
     G600          |      R900 -R91      |    M R392
     G602          |      R930           |    M R500 -R509
     G608          |    M S000 -Y899     |    M R54
     G800 -G809    |                     |    M R560 -R5800
   M G810 -G839    |      --- I698  ---   |    M R600 -R609
     G900 -G969    |                     |      R75
   M H000 -H959    |    M A000 -A09      |    M R780
     I00  -I029    |    M A170 -A180     |    M R788
     I090          |    M A199 -E899     |    M R790
     I092 -I319    |    M F019 -F03      |    M R80  -R829
     I400 -I899    |    M F069           |    M R893
     I970 -J80     |    M F100 -F199     |    M R900 -R91
     J82  -J980    |    M G000 -G419     |    M R930
     J982 -J989    |    M G450 -G459     |    M S000 -Y899
     L020 -L039    |    M G474           |
     M000 -M1990   |    M G600           |    --- I700 -I709  ---
     M320 -M359    |    M G602           |
     M810 -M819    |    M G608           |    M A500 -A539
     M844          |    M G800 -G969     |      E000 -E059
     M852 -M853    |    M H000 -I029     |      E100 -E279
     M856          |      I090           |      E660 -E669
     M878          |    M I092 -I319     |      E700 -E859
     M890          |    M I400 -I694     |      E880 -E889
     M940          |      I698           |    M E890 -E899
     N000 -N399    |    M I700 -I899     |      I10  -I139
     N430 -N434    |    M I970 -J80      |      I700 -I709
     N450 -N459    |    M J82  -J980     |      I99
     N47  -N489    |    M J982 -J989     |      M100 -M109
     N600 -N959    |    M L020 -L039     |      M320 -M329
     N990 -N999    |    M M000 -M1990    |      N000 -N289
     P000 -P049    |    M M320 -M359     |      N390
     P100 -Q379    |    M M810 -M819     |      Q600 -Q639
     Q500 -Q649    |    M M844           |      Q890 -Q892
     Q850 -Q999    |    M M852 -M853     |      R54
     R02  -R030    |    M M856           |
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                               TABLE D
           CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


    --- I710  ---      |     --- I730  ---      |   --- I740 -I741  ---
                       |       CONTINUED        |       CONTINUED
  M A500 -A539         |     I730               |     E880 -E889
    I700 -I719         |     M300 -M359         |     F110 -F169
    I729               |                        |     F180 -F199
    Q251               |       --- I731  ---     |     I00  -I519
  M Q252 -Q254         |                        |     I700 -I789
    Q874               |     I700 -I709         |     I870 -I879
    S250               |     I731               |     I99
    S350               |                        |     K400 -K909
    T812               |       --- I738  ---     |     M300 -M359
                       |                        |     N000 -N399
 --- I711 -I719  ---   |     A520               |     Q200 -Q289
                       |     A527               |     Q410 -Q559
  M A500 -A539         |     E100 -E149         |     Q600 -Q649
    I700 -I719         |     I10  -I139         |     R31
    I729               |     I250 -I259         |     R53  -R54
    Q251               |     I700 -I709         |     R58  -R5800
  M Q252 -Q254         |     I730 -I809         |     R75
    Q874               |     I820 -I839         |     S000 -T983
    S250               |     M300 -M319         |     Y400 -Y599
    S350               |     Q270 -Q289         |
                       |     R54                |  --- I742 -I749  ---
 --- I720 -I728  ---   |                        |
                       |       --- I739  ---     |     A000 -Q999
  M A500 -A539         |                        |     R02
    I700 -I729         |     A520               |     R53  -R54
    Q898               |     A527               |     R75
    S250 -S259         |   M A539               |     S000 -Y899
    S350 -S359         |     B200 -B24          |
    S450 -S459         |   M C000 -C97          |     --- I770  ---
    S550 -S559         |     E100 -E149         |
    S650 -S659         |     E660 -E669         |     A200 -A269
    S750 -S759         |     G35  -G3500        |     A280 -A329
    S850 -S859         |     G800 -G839         |     A35  -A439
    S950 -S959         |     I10  -I139         |     A46  -A499
    T145               |     I250 -I259         |     B350 -B49
                       |     I700 -I709         |     C000 -C97
    --- I729  ---      |     I730 -I809         |     I300 -I309
                       |     I820 -I839         |     I330 -I339
  M A500 -A539         |     M300 -M319         |     I400 -I409
    I330               |     Q270 -Q289         |     I700 -I709
    I700 -I729         |     R54                |     I740 -I771
    Q898               |     R75                |     I775
    S250 -S259         |                        |     J13  -J189
    S350 -S359         |  --- I740 -I741  --- | M S069
    S450 -S459         |                        |     S090
    S550 -S559         |     A500 -A539         |     S150 -S159
    S650 -S659         |     B200 -B24          |     S250 -S259
    S750 -S759         |     C000 -C97          |     S350 -S359
    S850 -S859         |     D45                |     S450 -S459
    S950 -S959         |     D760               |     S550 -S559
    T145               |     D763               |     S650 -S659
                       |     E100 -E149         |     S750 -S759
    --- I730  ---      |     E660 -E669         |     S850 -S859
                       |     E740               |     S950 -S959
    C880               |     E750 -E756         |     T063
    I700 -I709         |     E770 -E789         |     T114

                          D-205   (10-04)
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    --- I770  ---      |     --- I772  ---     |   --- I773 -I774  ---
     CONTINUED         |      CONTINUED        |       CONTINUED
      T134             |       K228            |        T383
      T145             |       K250 -K289      |        Y423
  M  T918              |   M   K630 -K639      |
  M  T928              |       K85  -K869      |      --- I775   ---
  M  T938              |       L00             |
  M  T940 -T941        |       L26             |   M  A500 -A539
                       |       L304            |      B200 -B24
    --- I771   ---     |       L530 -L539      |      C000 -C97
                       |       L710 -L719      |      D448
  M  A500 -A539        |       L930 -L932      |      D472
     B200 -B24         |       M100 -M109      |      D477
     C000 -C97         |       M320 -M359      |      D760 -D899
     D448              |       Q796            |      E100 -E899
     D472              |       R75             |      I00  -I99
     D477              |   M   S069            |      M100 -M109
     D760 -D899        |       S090            |      M320 -M359
     E100 -E899        |       S150 -S159      |      Q200 -Q289
     I00  -I99         |       S250 -S259      |      R75
     M100 -M109        |       S350 -S359      |   M  S069
     M320 -M359        |       S450 -S459      |      S090
     Q200 -Q289        |       S550 -S559      |      S150 -S159
     R75               |       S650 -S659      |      S250 -S259
  M  S069              |       S750 -S759      |      S350 -S359
     S090              |       S850 -S859      |      S450 -S459
     S150 -S159        |       S950 -S959      |      S550 -S559
     S250 -S259        |       T063            |      S650 -S659
     S350 -S359        |       T114            |      S750 -S759
     S450 -S459        |       T135            |      S850 -S859
     S550 -S559        |       T145            |      S950 -S959
     S650 -S659        |       T383            |      T063
     S750 -S759        |       T800 -T889      |      T114
     S850 -S859        |   M   T918            |      T134 -T135
     S950 -S959        |   M   T928            |      T145
     T063              |   M   T938            |      T383
     T114              |   M   T940 -T941      |      Y423
     T134              |       T983            |
     T145              |       Y423            |
     T383              |                       |      --- I776   ---
     Y423              |  --- I773 -I774  ---  |
                       |                       |       A1690
    --- I772   ---     |   M   A500 -A539      |   M  A188
                       |       B200 -B24       |   M  A500 -A539
     A020 -A029        |       C000 -C97       |      A770
     A162 -A1690       |       D448            |   M  B200 -B24
  M  A500 -A539        |       D472            |   M  B650 -B659
     B200 -B24         |       D477            |      C000 -C97
     C000 -C97         |       D760 -D899      |      D448
     D472              |       E100 -E899      |      D472
     D477              |       I00  -I99       |      D477
     D489              |       M050 -M139      |      D760 -D899
     D760 -D899        |       M320 -M359      |      E100 -E899
     E100 -E349        |       N000 -N399      |      F106
     E660 -E899        |       Q200 -Q289      |      I00  -I99
     I00  -I99         |       Q600 -Q649      |      M050 -M139
     J449              |       R33             |      M300 -M359
     J860              |       R75             |      N000 -N399
                       |                       |      Q200 -Q289
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                              TABLE D
           CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


     --- I776  ---      | --- I800 -I809  --- |    --- I820   ---
         CONTINUED      |     CONTINUED       |
        Q600 -Q649      |    K220 -K929       |     A060 -A061
        R33             |    L89              |     A064
        R54             |    L97              |     A069
    M   R75             |    L984             |   M B150 -B199
        T360 -T509      |    M000 -M1990      |     B200 -B24
        Y400 -Y599      |    M478             |     B663
                        |    M844             |     C220 -C249
    --- I778 -I779  --- |    M860 -M869       |     C787
                        |    N000 -N999       |   M C788
    M A500 -A539        |    Q200 -Q349       |     C80  -C959
      B200 -B24         |    Q380 -Q459       |     D015
      C000 -C97         |    Q600 -Q649       |     D134 -D135
      D448              |    Q870 -Q999       |     D142 -D143
      D472              |    R02              |     D376
      D477              |    R31              |     D500 -D899
      D760 -D899        |    R53  -R54        |     E660 -E669
      E100 -E899        |    R75              |     E840 -E849
      I00  -I99         |  M S000 -Y899       |     I00  -I99
      M000 -M1990   *   |                     |     K650 -K659
      M320 -M359        |    --- I81    ---    |     K700 -K869
      N000 -N399        |                     |     Q200 -Q289
      Q200 -Q289        |    A060 -A061        |     Q440 -Q447
      Q600 -Q649        |    A064             |     R75
      R33               |    A069             |     S361
      R75               |    A539             |     T915 -T918
      T383              |  M B150 -B199       |     Y400 -Y599
      Y423              |    B200 -B24        |
                        |    B650 -B659       |  --- I821 -I829  ---
     --- I780  ---      |    B663             |
                        |    C220 -C249       |     A000 -Q999
        I700 -I709      |    C33  -C349       |     R02
        I780            |  M C457            |     R53  -R54
                        |    C780            |     R75
     --- I781  ---      |    C783            |     S000 -Y899
                        |    C787            |
        I700 -I709      |  M C788            |     --- I830  ---
        I780 -I789      |  M C798            |
    M   R270            |    C80             |     C414
                        |  M C810 -C959      |     C419
    --- I788 -I789  --- |    D015            |   M C457
                        |    D021 -D022      |   M C467
      B200 -B24         |    D134 -D135      |     C765 -C767
      I700 -I709        |    D142 -D143      |     C795
      I780 -I789        |    D376            |   M C798
      R75               |    D381            |   M D097
                        |    E840 -E849      |     D099
    --- I800 -I809  --- |    I00  -I99       |     D168 -D169
                        |    K650 -K659      |     D171 -D172
      A000 -D649        |    K700 -K909      |   M D173
      E000 -E899        |    Q200 -Q289      |   M D177
      F03               |    Q440 -Q447      |     D179
      F100 -F169        |    R75             |     D212
      F180 -F199        |    S361            |     D214 -D219
      G35  -G3500       |    T385            |   M D480 -D481
      I00  -I99         |    T915 -T918      |   M D487
      J100 -J989        |    Y400 -Y599      |     E660 -E669
```

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  --- I830 ---      | --- I850 -I859 --- | --- I871 -I879 ---
    CONTINUED       |     CONTINUED      |     CONTINUED
    I800 -I809      |     K221           |     S000 -Y899
    I830 -I839      |     K440 -K449     |
    I872            |     K700 -K769     |    --- I880  ---
                    |   M P788           |
 --- I831 -I839 --- |     Q390 -Q399     |     A000 -C97
                    |     Q442 -Q447     |     D180 -D181
    C414            |     Q459           |     D472
    C419            |     Y599           |     D477
  M C457            |                    |     D489
  M C467            |    --- I860  ---    |     D760 -E079
    C765 -C767      |                    |     E660 -E899
    C795            |     I860           |     G000 -G09
  M C798            |                    |     I770 -I779
  M D097            |    --- I861  ---    |     I880
    D099            |                    |     I890 -I899
    D168 -D169      |     I861           |     J00  -K929
    D171 -D172      |                    |   M L00  -M999
  M D173            |    --- I862  ---    |     N000 -N429
  M D177            |                    |     N700 -N768
    D179            |     I862           |     P550 -P579
    D212            |                    |     R31
    D214 -D219      |    --- I863  ---    |     R75
  M D480 -D481      |                    |     T805 -T806
  M D487            |     I863           |     Y400 -Y599
    E660 -E669      |                    |     Y848
    I800 -I809      |    --- I864  ---    |
    I830 -I839      |                    |    --- I881  ---
                    |     B150 -B199     |
 --- I840 -I849 --- |   M B650 -B659     |     A1690
                    |   M C000 -D489     |     A182
    I840 -I849      |     F100 -F109     |     A369
                    |     I864           |     A519
 --- I850 -I859 --- |   M K700 -K769     |     A529
                    |     P780 -P789     |     A549
    B150 -B199      |                    |     B200 -B24
    B251            |    --- I868  ---    |     I881
  M B650 -B659      |                    |     R75
    B942            |   M B150 -B199     |
    C150 -C159      |   M B650 -B659     |    --- I888  ---
    C220 -C229      |   M C000 -D489     |
    C320 -C329      |     I868           |     A000 -C97
    C457            |   M K700 -K769     |     D180 -D181
    C494            |     P780 -P789     |     D472
  M C785            |                    |     D477
    C787            |    --- I870  ---    |     D489
  M C788            |                    |     D760 -E079
    D001            |     B200 -B24      |     E660 -E899
    D100            |     I870           |     G000 -G09
    D130            |     R75            |     I770 -I779
  M D377            |                    |     I880
    D860 -D869      | --- I871 -I879 --- |     I888
    E780            |                    |     I890 -I899
    E831            |     A000 -Q999     |     J00  -K929
    F100 -F109      |     R02            |   M L00  -M999
    I850 -I859      |     R53  -R54      |     N000 -N429
    K20  -K219      |     R75            |     N700 -N768
```

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  --- I888  ---    |    --- I890  ---    |    --- I898  ---
   CONTINUED       |     CONTINUED       |     CONTINUED
   P550 -P579      |    R75              |   M B948
   R31             |    T66              |     C000 -D489
   R75             |    W88  -W91        |     D869
   T805 -T806      |    Y400 -Y599       |     G000 -G09
   Y400 -Y599      |    Y632 -Y633       |     I800 -I809
   Y848            |  M Y780 -Y788       |     I830 -I839
                   |    Y836             |     I871
  --- I889  ---    |    Y842             |     I890 -I899
                   |  M Y882 -Y883       |     I972
   A000 -C97       |                     |     L020 -L039
   D180 -D181      |    --- I891  ---    |     L89
   D472            |                     |     L97
   D477            |    A1690            |     L984
   D489            |    A182             |     R75
   D760 -E079      |    A184             |     T66
   E660 -E899      |    A281             |     W88  -W91
   G000 -G09       |    A400 -A409       |     Y400 -Y599
   I770 -I779      |    A500 -A539       |     Y632 -Y633
   I880            |  M B200 -B24        |   M Y780 -Y788
   I889 -I899      |    B350 -B49        |     Y836
   J00  -K929      |    B72  -B749       |     Y842
 M L00  -M999      |    B908 -B909       |   M Y882 -Y883
   N000 -N429      |  M B948             |
   N700 -N768      |    C000 -D489       |    --- I899  ---
   P550 -P579      |    D869             |
   R31             |    G000 -G09        |     A1690
   R75             |    I800 -I809       |     A182
   T805 -T806      |    I830 -I839       |     A184
   Y400 -Y599      |    I890 -I899       |     A281
   Y848            |    I972             |     A400 -A409
                   |    L020 -L039       |     A500 -A539
  --- I890  ---    |    L89              |     B200 -B24
                   |    L97              |     B350 -B49
   A1690           |    L984             |     B72  -B749
   A182            |  M R75              |     B908 -B909
   A184            |    T66              |   M B948
   A281            |    W88  -W91        |     C000 -D489
   A400 -A409      |    Y400 -Y599       |     D869
   A500 -A539      |    Y632 -Y633       |     G000 -G09
   B200 -B24       |  M Y780 -Y788       |     I800 -I809
   B350 -B49       |    Y836             |     I830 -I839
   B72  -B749      |    Y842             |     I890 -I899
   B908 -B909      |  M Y882 -Y883       |     I972
 M B948            |                     |     L020 -L039
   C000 -D489      |    --- I898  ---    |     L89
   D869            |                     |     L97
   G000 -G09       |    A1690            |     L984
   I800 -I809      |    A182             |     R75
   I830 -I839      |    A184             |     T66
   I890 -I899      |    A281             |     W88  -W91
   I972            |    A400 -A409       |     Y400 -Y599
   L020 -L039      |    A500 -A539       |     Y632 -Y633
   L89             |    B200 -B24        |   M Y780 -Y788
   L97             |    B350 -B49        |     Y836
   L984            |    B72  -B749       |     Y842
   Q260 -Q269      |    B908 -B909       |   M Y882 -Y883
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                             TABLE D
         CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


     --- I950  ---      |     --- I978  ---      |     --- J310   ---
                        |                        |        CONTINUED
       I950             |       I978             |     A527
                        |       Y600 -Y849       |     A539
     --- I951  ---      |       Y881             |     B200 -B24
                        |       Y883             |   M B650 -B659
       A000 -Q999       |                        |     E840 -E849
     M R02              |     --- I979  ---      |     E859           *
       R090 -R098       |                        |     F100 -F109
       R54              |       I979             |     F170 -F172
       R58  -R5800      |       Y600 -Y849       |     F179
       R75              |       Y881             |     F190
       S000 -Y899       |       Y883             |     J00  -J989
                        |                        |     K040 -K069
     --- I952  ---      |   --- I99  -J069  ---  |     K102 -K103
                        |                        |     R75
       I952             |       A000 -R825       |     T360 -T659
       T360 -T519       |     M R826             |   M X44
       T880 -T887       |       R827 -R892       |     X45  -X49
       X40  -X45        |     M R893             |
       X60  -X65        |       R894 -R961       |      --- J311   ---
       X85              |       R98  -Y899       |
       Y10  -Y15        |                        |     A164
       Y400 -Y599       |   --- J100 -J118  ---  |     A168
     M Y86  -Y872       |                        |     A1690
       Y880             |       B200 -B24        |     A360 -A369
                        |       J100 -J118       |   M A429
    --- I958 -I959  --- |       R75              |   M A439
                        |                        |     A527
       A000 -Q999       |   --- J120 -J22   ---  |     A539
     M R02              |                        |     B200 -B24
       R090 -R098       |       A000 -R825       |   M B650 -B659
       R54              |     M R826             |     E840 -E849
       R58  -R5800      |       R827 -R892       |     E859           *
       R75              |     M R893             |     F100 -F109
       S000 -Y899       |       R894 -R961       |     F170 -F172
                        |       R98  -Y899       |     F179
      --- I970  ---     |                        |     F190
                        |   --- J300 -J304  ---  |     J00  -J989
       I970             |                        |     K040 -K069
       Y838             |     M A429             |     K102 -K103
     M Y883             |     M A439             |     R75
                        |       E840 -E849       |     T360 -T659
      --- I971  ---     |       E859         *   |   M X44
                        |       J300 -J304       |     X45  -X49
       I971             |       T780 -T789       |
       Y830 -Y832       |       T885 -T887       |      --- J312   ---
       Y834             |                        |
       Y836 -Y839       |      --- J310  ---     |     A164
     M Y883             |                        |     A168
                        |       A164             |     A1690
      --- I972  ---     |       A168             |     A360 -A369
                        |       A1690            |   M A429
       I972             |       A360 -A369       |   M A439
       Y834             |     M A429             |     A509
     M Y836 -Y839       |     M A439             |     A527
     M Y883             |       A502             |     A539
                        |       A509             |     B200 -B24
```

```
   --- J312  ---      | --- J340 -J341  --- |  --- J348   ---
      CONTINUED       |     CONTINUED       |     CONTINUED
  M B650 -B659        |     D020            |    R75
    E840 -E849        |  M D021 -D022       |
    E859          *   |    D023 -D024       |   --- J350   ---
    F100 -F109        |  M D030 -D140       |
    F170 -F172        |    D141 -D144       |  M A429
    F179              |  M D150 -D489       |  M A439
    F190              |    E840 -E849       |    B200 -B24
    J00  -J989        |    E859          *  |    E840 -E849
    K040 -K069        |    J00  -J069       |    E859          *
    K102 -K103        |    J300 -J399       |    J020 -J039
    R75               |    J682             |    J320 -J329
    T360 -T659        |    J989             |    J350
  M X44               |    R75              |    R75
    X45  -X49         |                     |
                      |   --- J342  ---     |  --- J351 -J353  ---
--- J320 -J329  ---   |                     |
                      |  M A429             |  M A429
    A164              |  M A439             |  M A439
    A168              |    B200 -B24        |    B200 -B24
    A1690             |    E840 -E849       |    E840 -E849
  M A429              |    E859          *  |    E859          *
  M A439              |    J342             |    J020 -J039
    A527              |    R75              |    J320 -J329
    A539              |                     |    J351 -J353
    B200 -B24         |   --- J343  ---     |    R75
    B420 -B49         |                     |
    E840 -E849        |  M A429             |   --- J358   ---
    E859          *   |  M A439             |
    J00  -J118        |    B200 -B24        |    A360 -A369
    J300 -J399        |  M C000 -D489       |  M A429
    J682              |    E840 -E849       |  M A439
    K040 -K069        |    E859          *  |    A513
    K102 -K103        |    J300 -J399       |    A539
    R75               |    J682             |    B200 -B24
    T701 -T702        |    R75              |    C090 -C109
    W94               |                     |    C111
  M Y86               |   --- J348  ---     |  M C798
                      |                     |    D000
--- J330 -J339  ---   |  M A429             |    D370
                      |  M A439             |    E840 -E849
  M A429              |  M A509             |    E859          *
  M A439              |  M A539             |    J010 -J039
    C300 -C319        |    B200 -B24        |    J320 -J329
  M C783              |  M C000 -D019       |    J358
    E840 -E849        |    D020             |    R75
    E859          *   |  M D021 -D022       |
    J00  -J069        |    D023 -D024       |   --- J359   ---
    J300 -J399        |  M D030 -D140       |
    J682              |    D141 -D144       |  M A429
                      |  M D150 -D489       |  M A439
--- J340 -J341  ---   |    E840 -E849       |    B200 -B24
                      |    E859          *  |    E840 -E849
  M A429              |    J00  -J069       |    E859          *
  M A439              |    J300 -J399       |    J010 -J039
    B200 -B24         |    J682             |    J320 -J329
  M C000 -D019        |    J989             |    J359
```

--- J359 ---	--- J380 ---	--- J381 ---
CONTINUED	CONTINUED	CONTINUED
R75	E880 -E890	E840 -E849
	E898 -F519	E859 *
--- J36 ---	F530 -F629	J100 -J189
	F633	J300 -J399
A164	F640 -F800	J60 -J709
A168	F808	J988 -J989
A1690	F840 -F849	M R75
A360 -A38	F930	
M A429	F940 -G459	--- J382 -J383 ---
M A439	G473 -G478	
B200 -B24	G510	M A429
B270 -B279	G514 -G518	M A439
E320 -E329	G527	B200 -B24
E840 -E849	G588 -G600	M C000 -D019
E859 *	G608	D020
J00 -J189	G629	M D021 -D022
J350 -J36	G710 -G712	D023 -D024
J682	G800 -G969	M D030 -D140
R75	G971	D141
	G98	M D142 -D143
--- J370 -J371 ---	I020 -I029	D144
	I600 -I698	M D150 -D489
A162 -A1690	I772	E840 -E849
A300 -A309	I99 -J989	E859 *
M A429	M890	J040 -J189
M A439	N312 -N319	J300 -J399
A500 -A539	P579	J60 -J709
B200 -B24	Q000 -Q159	J988 -J989
B390 -B399	Q180 -Q189	R75
E840 -E849	Q300 -Q459	
E859 *	Q670 -Q675	--- J384 -J387 ---
J00 -J399	Q678 -Q680	
J60 -J709	Q740	A000 -F29
R75	Q742	F320 -F509
T360 -T659	Q750 -Q799	F525 -F526
M X44	Q851 -Q999	F530 -F54
X45 -X49	R220 -R221	F59
M Y86	R400 -R402	F603
	R418	F633
--- J380 ---	R440	F680
	R442 -R443	F70 -F800
A360 -A369	R455 -R456	F808
M A429	R500 -R509	F840 -F849
M A439	R54 -R568	F930
A521 -A523	R579	F940
A800 -A809	M R75	F942
M B200 -B24	R838	F982
C000 -D489	R900	F984
D898 -E079	S000 -Y899	F988 -H519
E233		H55 -H739
E320 -E329	--- J381 ---	H920 -K069
E65 -E68		K090 -L00
E713	M A429	L011 -L081
E750 -E779	M A439	L089 -L109
E790 -E807	M B200 -B24	L120 -L138
E840 -E859	M C000 -D489	L200 -L279

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                             TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


--- J384 -J387  --- |    --- J390  ---     |    --- J391   ---
      CONTINUED      |      CONTINUED       |      CONTINUED
      L300          |  M G450 -G459        |  M P230 -P239
      L302 -L303    |  M G819              |    R75
      L305 -L42     |  M G936              |    S000 -Y899
      L510 -L569    |  M G938              |
      L590 -L599    |  M I600 -I698        |    --- J392   ---
      L710 -L719    |  M I772              |
      L88  -L89     |  M I99               |    A164
      L930 -L932    |    J040 -J189        |    A168
      L945 -L949    |    J310 -J329        |    A1690
      L97           |    J340 -J371        |    A369
      M000 -N459    |    J390              |  M A429
      N480 -N96     |    J398 -J399        |  M A439
      N980 -Q999    |  M J690 -J698        |  M A539
      R02           |  M J848 -J8490       |    B200 -B24
      R040 -R070    |    J950 -J959        |    B332 -B333
      R090 -R098    |    J988 -J989        |    B340 -B349
      R11           |    K040 -K049        |    B909
      R13           |    K20  -K219        |    C000 -D489
      R196          |  M P230 -P239        |    E840 -E849
      R220 -R229    |    R75               |    E859          *
      R290 -R291    |                      |  M F03           *
      R298          |    --- J391   ---    |  M F09           *
      R400 -R410    |                      |    F100 -F199
      R418          |    A164              |  M F29           *
      R452 -R458    |    A168              |  M F449
      R500 -R509    |    A1690             |  M F99           *
      R53  -R5800   |    A369              |    G000 -G219
      R600 -R609    |  M A429              |    G300 -G3090
      R620 -R630    |  M A439              |  M G450 -G459
      R633          |    B200 -B24         |  M G819
      R64           |    B332 -B333        |  M G936
      R688          |    B340 -B349        |  M G938
      R75           |    B909              |  M I600 -I698
      R788          |    C000 -D489        |  M I772
      R798          |    E840 -E849        |  M I99
      R80  -R829    |    E859          *   |    J040 -J189
      R900          |    F100 -F199        |    J310 -J329
      S000 -Y899    |  M G08               |    J340 -J371
                    |  M G450 -G459        |    J390
    --- J390  ---   |  M G819              |    J392
                    |  M G936              |    J398 -J399
      A164          |  M G938              |  M J690 -J698
      A168          |  M I600 -I698        |  M J848 -J8490
      A1690         |  M I772              |    J950 -J959
      A369          |  M I99               |    J988 -J989
    M A429          |    J040 -J189        |    K040 -K049
    M A439          |    J310 -J329        |    K20  -K219
      B200 -B24     |    J340 -J371        |  M P230 -P239
      B332 -B333    |    J390 -J391        |    R75
      B340 -B349    |    J398 -J399        |    S000 -Y899
      B909          |  M J690 -J698        |
      C000 -D489    |  M J848 -J8490       |    --- J393   ---
      E840 -E849    |    J950 -J959        |
      E859       *  |    J988 -J989        |  M A429
      F100 -F199    |    K040 -K049        |  M A439
    M G08           |    K20  -K219        |  M A539
```

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                              TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


    --- J393 ---      |    --- J40   ---      |    --- J40    ---
       CONTINUED      |       CONTINUED       |       CONTINUED
       B200 -B24      |       D001            |       Q410 -Q459
       C000 -D020     |       D020 -D024      |       Q675 -Q678
     M D021 -D022     |       D130            |       Q761 -Q769
       D023 -D024     |       D141 -D159      |       Q790 -Q799
     M D030 -D140     |       D190            |       Q870 -Q999
       D141           |       D197            |       R54
     M D142 -D143     |     M D377            |       R75
       D144           |       D380 -D386      |     M S000 -S127
     M D150 -D489     |       D460 -D469      |       S128
       E840 -E849     |       D500 -D699      |     M S129 -S219
       E859        *  |       D720            |       S220 -S229
       F100 -F199     |       D728            |     M S230 -S259
       J00  -J189     |       D760 -D849      |       S260 -S299
       J300 -J399     |       D898 -D899      |     M S300 -T171
       J60  -J709     |       E100 -E149      |       T172 -T179
       J988 -J989     |       E240 -E249      |     M T180 -T983
       K20  -K219     |       E340            |       W78  -W80
       R75            |       E40  -E46       |       W84
       T360 -T659     |       E643            |     M Y86
       X40  -X49      |       E660 -E669      |
       Y400 -Y599     |       E672            |    --- J410 -J42    ---
                      |       E678 -E68       |
    --- J398 -J399 ---|       E713            |       A162 -A199
                      |       E760 -E769      |       A310 -A319
       A000 -R825     |       E771 -E779      |       A420 -A439
     M R826           |       E789            |       A500 -A539
       R827 -R892     |       E791 -E807      |       B200 -B24
     M R893           |       E840 -E859      |       B370 -B49
       R894 -R961     |       E880 -E889      |       B900 -B949
       R98  -Y899     |       E898 -E899      |       C150 -C159
                      |       F170 -F179      |       C320 -C399
     --- J40   ---    |       G120 -G419      |       C450
                      |       G450 -G459      |       C457 -C459
       A162 -A199     |       G610 -G619      |       C468 -C469
       A219           |       G700 -G839      |       C473
       A310 -A319     |       I010 -I099      |       C771
       A420 -A439     |       I110 -I119      |       C780 -C783
       A500 -A539     |       I130 -I269      |     M C788
       A699           |       I271            |     M C798
       A800 -A809     |     M I278 -I279      |       C80  -C97
       B200 -B24      |       I280 -I679      |       D001
       B349           |       J00  -J989      |       D020 -D024
       B370 -B49      |       K20  -K299      |       D130
       B909 -B91      |       M050 -M089      |       D141 -D159
       C150 -C159     |       M300 -M419      |       D190
       C320 -C399     |       M430 -M432      |       D197
       C450           |       M438 -M45       |     M D377
       C457 -C459     |       M478           |       D460 -D469
       C468 -C469     |       M954           |       D500 -D699
       C473           |       M962 -M965      |       D720
       C500 -C509     |       N180 -N19       |       D728
       C771           |       P200 -P289      |       D760 -D849
       C780 -C783     |       Q185           |       D898 -D899
     M C788           |       Q200 -Q269      |       E40  -E46
     M C798           |       Q310 -Q349      |       E660 -E669
       C80  -C97      |       Q390 -Q399      |       E672
```

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--- J410 -J42   --- | --- J430 -J432  --- | --- J430 -J432   ---
       CONTINUED      |        CONTINUED     |        CONTINUED
      E678 -E68       |      B200 -B24       |      I280 -I600
      E713            |      B370 -B49       |    M I6000-I698
      E760 -E769      |    M B650 -B830      |      J300 -J80
      E771 -E779      |    M B900 -B908      |      J82  -J929
      E789            |      B909            |      J940 -J989
      E791 -E807      |    M B91  -B949      |      K20  -K229
      E840 -E859      |      C150 -C159      |    M M050 -M089
      E880 -E889      |      C320 -C399      |      M300 -M419
      E898 -E899      |      C450            |      M430 -M432
      F170 -F179      |      C457 -C459      |      M438 -M45
      G120 -G419      |      C468 -C469      |      M478
      G610 -G839      |      C473            |      M954
      G950 -G959      |      C493            |      M962 -M965
      I010 -I099      |      C500 -C509      |      P200 -P289
      I110 -I119      |      C771            |      Q010 -Q049
      I130 -I209      |      C780 -C783      |      Q060 -Q079
      I250 -I269      |    M C788            |      Q185
      I271            |    M C798            |      Q200 -Q269
    M I278 -I279      |      C80  -C97       |      Q310 -Q349
      I280 -I519      |      D001            |      Q390 -Q399
      J00  -J989      |      D020 -D024      |      Q675 -Q678
      K20  -K229      |      D130            |      Q758
      M050 -M089      |      D141 -D159      |      Q761 -Q769
      M300 -M419      |      D190            |      Q772
      M430 -M432      |      D197            |      Q785
      M438 -M45       |    M D377            |      Q788
      M478            |      D720            |      Q790 -Q799
      M954            |      D728            |    M Q858 -Q859
      M962 -M965      |      D760 -D869      |      Q870 -Q999
      N180 -N19       |      D898 -D899      |      R54
      P200 -P289      |      E240 -E249      |      R75
      Q185            |      E340            |      T172 -T179
      Q200 -Q269      |      E643            |    M T980
      Q310 -Q349      |      E660 -E669      |      W78  -W80
      Q390 -Q399      |      E672            |      W84
      Q410 -Q459      |      E678 -E68       |    M Y86
      Q675 -Q678      |      E713            |      Y891
      Q761 -Q769      |      E760 -E769      |
      Q772            |      E771 -E779      |    --- J438  ---
      Q785            |      E789            |
      Q788            |      E791 -E807      |      A162 -A199
      Q790 -Q799      |      E840 -E859      |      A310 -A319
      Q870 -Q999      |      E880 -E889      |      A420 -A439
      R54             |      E898 -E899      |      A500 -A539
      R75             |      F170 -F179      |      B200 -B24
      T172 -T179      |      G120 -G129      |      B370 -B49
      T900 -T983      |    M G450 -G459      |    M B650 -B830
      W78  -W80       |      G610 -G619      |    M B900 -B908
      Y600 -Y86       |      G700 -G839      |      B909
                      |      G901            |    M B91  -B949
--- J430 -J432   --- |      G950 -G959      |      C150 -C159
                      |      I010 -I099      |      C320 -C399
      A162 -A199      |      I110 -I119      |      C450
      A310 -A319      |      I130 -I269      |      C457 -C459
      A420 -A439      |      I271            |      C468 -C469
      A500 -A539      |    M I278 -I279      |      C473
```

--- J438 ---	--- J438 ---	--- J439 ---
CONTINUED	CONTINUED	CONTINUED
C493	M954	D190
C500 -C509	M962 -M965	D197
C771	P200 -P289	M D377
C780 -C783	Q010 -Q049	D720
M C788	Q060 -Q079	D728
M C798	Q185	D760 -D869
C80 -C97	Q200 -Q269	D898 -D899
D001	Q310 -Q349	E240 -E249
D020 -D024	Q390 -Q399	E340
D130	Q675 -Q678	E643
D141 -D159	Q758	E660 -E669
D190	Q761 -Q769	E672
D197	Q772	E678 -E68
M D377	Q785	E713
D720	Q788	E760 -E769
D728	Q790 -Q799	E771 -E779
D760 -D869	M Q858 -Q859	E789
D898 -D899	Q870 -Q999	E791 -E807
E240 -E249	R54	E840 -E859
E340	R75	E880 -E889
E643	T172 -T179	E898 -E899
E660 -E669	M T980	F170 -F179
E672	W78 -W80	G120 -G129
E678 -E68	W84	M G450 -G459
E713	M Y86	G610 -G619
E760 -E769	Y891	G700 -G839
E771 -E779		G901
E789		G950 -G959
E791 -E807	--- J439 ---	I010 -I099
E840 -E859		I110 -I119
E880 -E889	A162 -A199	I130 -I269
E898 -E899	A310 -A319	I271
F170 -F179	A420 -A439	M I278 -I279
G120 -G129	A500 -A539	I280 -I600
M G450 -G459	B200 -B24	M I6000-I698
G610 -G619	B370 -B49	J300 -J80
G700 -G839	M B650 -B830	J82 -J929
G901	M B900 -B908	J940 -J989
G950 -G959	B909	K20 -K229
I010 -I099	M B91 -B949	M K918
I110 -I119	C150 -C159	M M050 -M089
I130 -I269	C320 -C399	M300 -M419
I271	C450	M430 -M432
M I278 -I279	C457 -C459	M438 -M45
I280 -I600	C468 -C469	M478
M I6000-I698	C473	M954
J300 -J80	C493	M962 -M965
J82 -J929	C500 -C509	P200 -P289
J938	C771	Q010 -Q049
J940 -J989	C780 -C783	Q060 -Q079
K20 -K229	M C788	Q185
M M050 -M089	M C798	Q200 -Q269
M300 -M419	C80 -C97	Q310 -Q349
M430 -M432	D001	Q390 -Q399
M438 -M45	D020 -D024	Q675 -Q678
M478	D130	Q758
	D141 -D159	

--- J439 ---	--- J441 ---	--- J441 ---
CONTINUED	CONTINUED	CONTINUED
Q761 -Q769	E340	T913 -T914
Q772	E643	M T915 -T919
Q785	E660 -E669	M T940 -T941
Q788	E672	T96 -T980
Q790 -Q799	E678 -E68	T982
M Q858 -Q859	E713	M Y400 -Y599
Q870 -Q999	E760 -E769	Y600 -Y86
R54	E771 -E779	Y899
R75	E789	
T172 -T179	E791 -E807	--- J448 ---
M T543	E840 -E859	
M T980	E880 -E889	A162 -A199
W78 -W80	E898 -E899	A310 -A319
W84	F170 -F179	A420 -A439
M Y832	G120 -G129	A500 -A539
M Y86	G610 -G619	B200 -B24
Y891	G700 -G839	B370 -B49
	G901	B900 -B949
--- J441 ---	G950 -G959	C000 -C159
	I010 -I099	C320 -C399
A162 -A199	I110 -I119	C450
A310 -A319	I130 -I209	C457 -C459
A420 -A439	I250 -I259	C468 -C469
A500 -A539	I269	C473
B370 -B49	I271	C500 -C509
M B650 -B839	M I278 -I279	C771
M B900 -B909	I280 -I600	C780 -C783
B91 -B949	M I6000-I698	M C788
C000 -C159	J00	M C798
C320 -C399	J060 -J069	C80 -C97
C450	J200 -J80	D001
C457 -C459	J82 -J929	D020 -D024
C468 -C469	J940 -J989	D130
C473	K20 -K229	D141 -D159
M C493	M050 -M089	D190
C500 -C509	M300 -M419	D197
C761	M430 -M432	M D377
C771	M438 -M45	D380 -D386
C780 -C783	M478	D460 -D469
M C788	M954	D500 -D699
M C798	M962 -M965	D720
C80 -C97	P200 -P289	D728
D001	Q010 -Q049	D760 -D849
D020 -D024	Q060 -Q079	D898 -D899
D130	Q200 -Q269	E660 -E669
D141 -D159	Q310 -Q349	E672
D190	Q390 -Q399	E678 -E68
D197	Q675 -Q678	E713
M D377	Q758	E760 -E769
D380 -D386	Q761 -Q769	E771 -E779
D45	Q772	E789
D720	Q785	E791 -E807
D728	Q788	E840 -E859
D760 -D869	Q790 -Q799	E880 -E889
D898 -D899	Q870 -Q999	E898 -E899
E240 -E249	M T911 -T912	F170 -F179

--- J448 ---	--- J449 ---	--- J449 ---
CONTINUED	CONTINUED	CONTINUED
G120 -G129	C450	J200 -J80
G610 -G619	C457 -C459	J82 -J929
G700 -G839	C468 -C469	J940 -J989
G950 -G959	C473	K20 -K229
I010 -I099	M C493	M050 -M089
I110 -I119	C500 -C509	M300 -M419
I130 -I209	C761	M430 -M432
I250 -I269	C771	M438 -M45
I271	C780 -C783	M478
M I278 -I279	M C788	M954
I280 -I519	M C798	M962 -M965
J00	C80 -C97	P200 -P289
J060 -J069	D001	Q010 -Q049
J448	D020 -D024	Q060 -Q079
K20 -K229	D130	Q200 -Q269
M050 -M089	D141 -D159	Q310 -Q349
M300 -M419	D190	Q390 -Q399
M430 -M432	D197	Q675 -Q678
M438 -M45	M D377	Q758
M478	D380 -D386	Q761 -Q769
M954	D45	Q772
M962 -M965	D720	Q785
P200 -P289	D728	Q788
Q185	D760 -D869	Q790 -Q799
Q200 -Q269	D898 -D899	Q870 -Q999
Q310 -Q349	E240 -E249	M T911 -T912
Q390 -Q399	E340	T913 -T914
Q410 -Q459	E643	M T915 -T919
Q675 -Q678	E660 -E669	M T940 -T941
Q761 -Q769	E672	T96 -T980
Q772	E678 -E68	T982
Q785	E713	M T983
Q788	E760 -E769	M Y400 -Y599
Q790 -Q799	E771 -E779	Y600 -Y86
Q870 -Q999	E789	Y899
R54	E791 -E807	
R75	E840 -E859	--- J450 ---
M T910	E880 -E889	
T914	E898 -E899	M A429
T96 -T983	F170 -F179	M A439
M Y400 -Y579	G120 -G129	E840 -E849
Y600 -Y86	G610 -G619	E859 *
M Y880	G700 -G839	F170 -F179
	G901	J300 -J304
--- J449 ---	G950 -G959	J40 -J42
	I010 -I099	J450
A162 -A199	I110 -I119	J60 -J709
A310 -A319	I130 -I209	T784
A420 -A439	I250 -I259	T789
A500 -A539	I269	T818
B370 -B49	I271	T885 -T887
M B650 -B839	M I278 -I279	Y400 -Y599
M B900 -B909	I280 -I600	
B91 -B949	M I6000-I698	--- J451 ---
C000 -C159	J00	
C320 -C399	J060 -J069	M A000 -A09

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   --- J451  ---      | --- J459 -J46   ---  |  --- J47   ---
      CONTINUED       |      CONTINUED       |     CONTINUED
      A162 -A1690     |    E678 -E68         |  M C493
   M  A170 -A188      |    E713              |    C500 -C509
      A190 -A199      |    E760 -E769        |    C771
   M  A200 -B949      |    E771 -E779        |    C780 -C783
      E840 -E849      |    E789              |  M C788
      E859          * |    E791 -E807        |  M C798
      F170 -F179      |    E840 -E859        |    C80  -C97
      J00  -J47       |    E880 -E889        |    D001
      R75             |    E898 -E899        |    D020 -D024
                      |    F170 -F179        |    D130
   --- J458  ---      |    F410 -F419        |    D141 -D159
                      |    G120 -G129        |    D190
   M  A000 -A09       |    G700 -G719        |    D197
      A162 -A199      |    I010 -I099        |  M D377
   M  A200 -B949      |    I110 -I119        |    D380 -D386
      E840 -E849      |    I130 -I269        |    D45
      E859          * |    I271              |    D720
      F170 -F179      |    I280 -I519        |    D728
      J00  -J709      |    J00  -J989        |    D760 -D869
      R75             |    L272              |    D898 -D899
      T784            |    M301              |    E240 -E249
      T789            |    M310              |    E340
      T818            |    M312 -M313        |    E643
      T885 -T887      |    M320 -M329        |    E660 -E669
      Y400 -Y599      |    M359              |    E672
                      |    P200 -P289        |    E678 -E68
   --- J459 -J46   ---|    Q200 -Q269        |    E713
                      |    Q310 -Q349        |    E760 -E769
   M  A000 -A09       |    Q893              |    E771 -E779
      A162 -A1690     |    R75               |    E789
   M  A170 -A188      |    T780 -T789        |    E791 -E807
      A190 -A199      |    T809              |    E840 -E859
   M  A200 -B949      |    T885 -T887        |    E880 -E889
      C150 -C159      |    T96  -T983        |    E898 -E899
      C320 -C399      |    X20  -X29         |    F170 -F179
      C450            |    Y400 -Y599        |    G120 -G129
      C457 -C459      |    Y86               |    G610 -G619
      C468 -C469      |    Y891              |    G700 -G839
      C473            |                      |    G901
      C771            |    --- J47   ---      |    G950 -G959
      C780 -C783      |                      |    I010 -I099
      C788            |    A162 -A199        |    I110 -I119
      C80  -C97       |    A310 -A319        |    I130 -I248
      D001            |    A420 -A439        |  M I249
      D020 -D024      |    A500 -A539        |    I250 -I269
      D130            |    B200 -B24         |    I271
      D140 -D159      |    B370 -B49         |  M I278 -I279
      D190            |  M B650 -B839        |    I280 -I447
      D197            |  M B900 -B908        |  M I450 -I459
      D380 -D386      |    B909 -B949        |    I460 -I600
      D720            |    C150 -C159        |  M I6000-I698
      D728            |    C320 -C399        |    J00  -J989
      D760 -D899      |    C450             |    K20  -K229
      E340            |    C457 -C459        |  M M050 -M089
      E660 -E669      |    C468 -C469        |    M300 -M419
      E672            |    C473              |    M430 -M432
```

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   --- J47   ---      |   --- J630  ---      |   --- J661   ---
      CONTINUED       |                      |      CONTINUED
      M438 -M45       |   M A429             |      J661
      M478            |   M A439             |
      M954            |    J630              |   --- J662   ---
      M962 -M965      |                      |
      P200 -P289      |   --- J631  ---      |   M A429
      Q010 -Q049      |                      |   M A439
      Q060 -Q079      |   M A429             |    J662
      Q185            |   M A439             |
      Q200 -Q269      |    J631              |   --- J668   ---
      Q310 -Q349      |                      |
      Q390 -Q399      |   --- J632  ---      |   M A429
      Q675 -Q678      |                      |   M A439
      Q758            |   M A429             |    J668
      Q772            |   M A439             |
      Q785            |    J632              |   --- J670   ---
      Q788            |                      |
      Q790 -Q799      |   --- J633  ---      |   M A429
      Q870 -Q999      |                      |   M A439
      R54             |   M A429             |    J670
      R75             |   M A439             |
      T172 -T179      |    J633              |   --- J671   ---
      T270 -T273      |                      |
      T300            |   --- J634  ---      |   M A429
M T941                |                      |   M A439
M T958 -T959          |   M A429             |    J671
M T980                |   M A439             |
      W78  -W80       |    J634              |   --- J672   ---
      W84             |                      |
      Y632 -Y633      |   --- J635  ---      |   M A429
M Y86                 |                      |   M A439
M Y881                |   M A429             |    J672
      Y891            |   M A439             |
                      |    J635              |   --- J673   ---
   --- J60   ---      |                      |
                      |   --- J638  ---      |   M A429
M A429                |                      |   M A439
M A439                |   M A429             |    J673
 J60                  |   M A439             |
                      |    J638              |   --- J674   ---
   --- J61   ---      |                      |
                      |   --- J64   ---      |   M A429
M A429                |                      |   M A439
M A439                |   M A429             |    J674
 J61                  |   M A439             |
                      |    J64               |   --- J675   ---
   --- J620  ---      |                      |
                      |   --- J660  ---      |   M A429
M A429                |                      |   M A439
M A439                |   M A429             |    J675
 J620                 |   M A439             |
                      |    J660              |   --- J676   ---
   --- J628  ---      |                      |
                      |   --- J661  ---      |   M A429
M A429                |                      |   M A439
M A439                |   M A429             |    J676
 J628                 |   M A439             |
```

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                            TABLE D
         CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


   --- J677  ---       |    --- J682  ---       |    --- J690  ---
                       |       CONTINUED        |
 M A429                |  M Y880                |     A000 -R825
 M A439                |                        |   M R826
   J677                |    --- J683  ---       |     R827 -R892
                       |                        |   M R893
   --- J678  ---       |  M A429                |     R894 -R961
                       |  M A439                |     R98  -Y899
 M A429                |    J683                |
 M A439                |    W40                 |    --- J691  ---
   J678                |    W92  -W93           |
                       |    X00  -X09           |  M A429
   --- J679  ---       |    X13  -X14           |  M A439
                       |    X45  -X49           |    B200 -B24
 M A429                |  M Y400 -Y599          |    J691
 M A439                |  M Y880                |    R75
   J679                |                        |    T170 -T179
                       |    --- J684  ---       |    W80
   --- J680  ---       |                        |    W84
                       |  M A429                |
 M A429                |  M A439                |    --- J698  ---
 M A439                |    J684                |
   J680                |    W40                 |  M A429
   W40                 |    W92  -W93           |  M A439
   W93                 |    X00  -X09           |    B200 -B24
   X00  -X09           |    X13  -X14           |    E840 -E849
   X13  -X14           |    X45  -X49           |    G400 -G419
   X45  -X49           |  M Y400 -Y599          |    G521
   X65  -X69           |  M Y880                |    I600 -I698
   X86  -X90           |                        |    J392
   Y15  -Y19           |    --- J688  ---       |    J698
 M Y400 -Y599          |                        |    R75
 M Y880                |  M A429                |    T170 -T179
                       |  M A439                |    W80
   --- J681  ---       |    J688                |    W84
                       |    W40                 |
 M A429                |    W92  -W93           |  --- J700 -J701  ---
 M A439                |    X00  -X09           |
   J681                |    X13  -X14           |  M A429
   W40                 |    X45  -X49           |  M A439
   W92  -W93           |  M Y400 -Y599          |    J700 -J701
   X00  -X09           |  M Y880                |    T66
   X13  -X14           |                        |    W88
   X45  -X49           |    --- J689  ---       |    W90  -W91
 M Y400 -Y599          |                        |    Y632 -Y633
 M Y880                |  M A429                |    Y780 -Y788
                       |  M A439                |    Y842
   --- J682  ---       |    J689                |  M Y86
                       |    W40                 |  M Y883
 M A429                |    W92  -W93           |  M Y899
 M A439                |    X00  -X09           |
   J682                |    X13  -X14           |  --- J702 -J704  ---
   W40                 |    X45  -X49           |
   W92  -W93           |  M Y400 -Y599          |  M A429
   X00  -X09           |  M Y880                |  M A439
   X13  -X14           |                        |    J702 -J704
   X45  -X49           |                        |    Y400 -Y599
 M Y400 -Y599          |                        |    Y880
                       |                        |

                          D-221   (10-04)
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                              TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


    --- J708  ---      |    --- J840  ---      |    --- J8410 ---
                       |       CONTINUED       |
   M A429              |    M E840 -E849       |     A000 -R961
   M A439              |       J100 -J1010     |     R98  -Y899
      J708 -J709       |       J110 -J1110     |
      W50  -X09        |       J840            |    --- J848  ---
                       |       M320 -M329      |
  --- J80  -J81   ---  |    M R75              |   M A429
                       |    M Y400 -Y599       |   M A439
      A000 -R825       |    M Y880             |      B200 -B24
   M R826              |                       |      B59
      R827 -R892       |    --- J841   ---     |   M E840 -E849
   M R893              |                       |      J848 -J8490
      R894 -R961       |    M A000 -B99        |      M320 -M329
      R98  -Y899       |       C340 -C349      |      R75
                       |       C780            |
     --- J82    ---    |       D022            |    --- J849   ---
                       |       D143            |
   M A061              |    M D381             |   M A000 -B99
   M A230 -A239        |       D860            |      C340 -C349
   M A429              |       D862            |      C780
   M A439              |       D869            |      D022
   M A65               |    M E840 -E849       |      D143
   M A692 -A698        |    M E854             |   M D381
   M B650 -B829        |    M E859             |      D860
   M C000 -D489        |    M J00  -J840   *   |      D862
   M D721              |       J841        *   |      D869
   M D760 -D763        |    M J848 -J989   *   |   M E840 -E849
   M E700 -E899        |       M050 -M069      |   M E854
   M I00               |       M300 -M359      |   M E859
   M I200 -I201        |       R75             |   M J47
   M I241 -I249        |       T170 -T179      |   M J672 -J709
   M I269              |       T270 -T277      |      J841 -J8490
      J100 -J189       |       T360 -T509      |      M050 -M069
      J450 -J459       |       T520 -T609      |      M300 -M359
      J670 -J689       |       T650 -T66       |      R75
      J82              |       T780 -T789      |      T170 -T179
   M L239              |       T820 -T829      |      T270 -T277
   M L249              |       T885 -T887      |      T360 -T509
   M L259              |       T96             |      T520 -T609
   M L280 -L282        |       T981            |      T650 -T66
   M L300 -L309        |       W78  -W80       |      T780 -T789
   M L590 -L599        |       X40  -X44       |      T820 -T829
   M L89               |       X46  -X49       |      T885 -T887
   M L97               |       X64             |      T96
   M L983 -L984        |       X66  -X69       |      T981
   M M300 -M308        |       X85  -X90       |      W78  -W80
   M M318 -M329        |       Y14             |      X40  -X44
   M M350 -M359        |       Y16  -Y19       |      X46  -X49
   M S000 -T983        |       Y400 -Y599      |      X64
   M Y431 -Y434        |       Y632 -Y633      |      X66  -X69
                       |       Y830 -Y832      |      X85  -X90
    --- J840   ---     |       Y842            |      Y14
                       |    M Y86              |      Y16  -Y19
   M A429              |       Y880            |      Y400 -Y599
   M A439              |                       |      Y632 -Y633
   M B200 -B24         |                       |      Y830 -Y832
      D471             |                       |      Y842
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  --- J849  ---      |    --- J850  ---      |   --- J851 -J853   ---
    CONTINUED        |      CONTINUED        |      CONTINUED
M Y86                |    M860 -M879         |    F129 -F132
  Y880               |    M960 -M969         |    F139 -F142
                     |    N980 -N999         |    F149 -F152
  --- J8490 ---      |    O220 -O229         |    F159 -F162
                     |    O870 -O879         |    F169
  A000 -R961         |    P200 -P289         |    F180 -F182
  R98  -Y899         |    P350 -P399         |    F189 -F192
                     |    Q2780              |    F199
  --- J850  ---      |    Q2820-Q2830        |    F55
                     |    Q311 -Q349         |    G400 -G419
                     |    Q390 -Q399         |    G970 -G979
M A000 -D489         |    Q401               |    H590 -H599
  D70                |    Q675               |    I269
  D800 -D899         |    Q763 -Q764         |    I281
  E039 -E0390        |    Q790 -Q795         |    I330 -I339
  E100 -E15          |    Q850 -Q899         |    I710 -I729
  E840 -E859         |    R160 -R161         |    I740 -I749
  E890 -E899         |    R18                |  M I778            *
  F100 -F112         |    R400 -R402         |    I779            *
  F119 -F122         |    R75                |    I800 -I829
  F129 -F132         |    R788               |    I970 -I979
  F139 -F142         |    S100 -S101         |    J00  -J989
  F149 -F152         |    S110 -S119         |    K20  -K229
  F159 -F162         |    S128               |    K350 -K37
  F169               |    S170               |    K440 -K449
  F180 -F182         |    S18                |  M K529
  F189 -F192         |    S198               |    K650 -K659
  F199               |    S210 -S219         |    K700 -K869
  F55                |    S222 -S229         |    K910 -K919
  G400 -G419         |    S260 -S299         |    L022
  G970 -G979         |    S310 -S311         |    L033
  H590 -H599         |    S317 -S318         |    M300 -M329
  I269               |    S368               |    M340 -M349
  I281               |    S390               |    M400 -M402
  I330 -I339         |    T019               |    M410 -M419
  I710 -I729         |    T058               |    M462
  I740 -I749         |    T065               |    M860 -M879
M I778            *  |    T091               |    M960 -M969
  I779            *  |    T141 -T142         |    N990 -N999
  I800 -I829         |    T147 -T149         |    O220 -O229
  I970 -I979         |    T172 -T179         |    O870 -O879
  J00  -J989         |    T270 -T329         |    P200 -P289
  K20  -K229         |    T810 -T876         |    P350 -P399
  K350 -K37          |    T983 -Y899         |    Q2780
  K440 -K449         |                       |    Q2820-Q2830
M K529               |  --- J851 -J853   --- |    Q311 -Q349
  K650 -K659         |                       |    Q390 -Q399
  K700 -K869         |                       |    Q401
  K910 -K919         |  M A000 -D489         |    Q675
  L022               |    D70                |    Q763 -Q764
  L033               |    D800 -D899         |    Q790 -Q795
  M022               |    E039 -E0390        |    Q850 -Q899
  M300 -M329         |    E100 -E15          |    R160 -R161
  M340 -M349         |    E840 -E859         |    R18
  M400 -M402         |    E890 -E899         |    R400 -R402
  M410 -M419         |    F100 -F112         |    R75
  M462               |    F119 -F122         |
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--- J851 -J853  --- | --- J951 -J952  --- | --- J958 -J959  ---
       CONTINUED    |        CONTINUED    |
       R788         |        Y702 -Y703   |    M A429
       S100 -S101   |        Y712 -Y713   |    M A439
       S110 -S119   |        Y722 -Y723   |      J954 -J959
       S128         |        Y732 -Y733   |      Y600 -Y849
       S170         |        Y742 -Y743   |      Y881
       S18          |        Y752 -Y753   |      Y883
       S198         |        Y762 -Y763   |
       S210 -S219   |        Y772 -Y773   | --- J960 -J969  ---
       S222 -S229   |        Y782 -Y783   |
       S260 -S299   |        Y792 -Y793   |      A000 -R825
       S310 -S311   |        Y802 -Y803   |    M R826
       S317 -S318   |        Y812 -Y813   |      R827 -R892
       S368         |        Y822 -Y823   |    M R893
       S390         |      M Y830 -Y834   |      R894 -R961
       T019         |      M Y836 -Y839   |      R98  -Y899
       T058         |      M Y883         |
       T065         |                     |     --- J980   ---
       T091         |       --- J953  --- |
       T141         |                     |      A000 -E349
       T147 -T149   |      M A429         |      E660 -E678
       T172 -T179   |      M A439         |      E700 -E899
       T270 -T329   |        J951 -J953   |      F100 -F199
       T810 -T876   |        Y702 -Y703   |      F410 -F419
       T983 -Y899   |        Y712 -Y713   |      F500 -F509
                    |        Y722 -Y723   |      G000 -G98
--- J860 -J90    ---|        Y732 -Y733   |    M H590 -H599
                    |        Y742 -Y743   |      I00  -I099
       A000 -R825   |        Y752 -Y753   |      I110 -I269
     M R826         |        Y762 -Y763   |      I280 -I519
       R827 -R892   |        Y772 -Y773   |    M I600 -I698
     M R893         |        Y782 -Y783   |    M I710
       R894 -R961   |        Y792 -Y793   |      I711 -I712
       R98  -Y899   |        Y802 -Y803   |    M I728
                    |        Y812 -Y813   |    M I970 -I979
--- J929 -J949   ---|        Y822 -Y823   |      J00  -J989
                    |      M Y830 -Y839   |      K20  -K229
       A000 -R825   |      M Y883         |      K440 -K449
     M R826         |                     |    M K910 -K919
       R827 -R892   |       --- J954   ---|      M000 -M009
     M R893         |                     |    M M020
       R894 -R961   |      M A429         |      M021
       R98  -Y899   |      M A439         |    M M022
                    |        J954 -J959   |      M023 -M959
     --- J950   ---|      M Y830 -Y839    |    M M960 -M969
                    |      M Y883         |      M990 -M999
     M A429         |                     |      N143
     M A439         |       --- J955   ---|    M N980 -N999
       J950         |                     |      O240 -O25
       Y833         |      M A429         |      O266
     M Y883         |      M A439         |      O268
                    |        J954 -J959   |      O280 -O289
--- J951 -J952   ---|        Y830 -Y849   |      O740 -O749
                    |        Y883         |      O908
     M A429         |                     |      O980 -O998
     M A439         |                     |      P070 -P073
       J951 -J953   |                     |      P200 -P289
```

```
   --- J980 ---       |     --- J982  ---     |     --- J984  ---
      CONTINUED        |                       |        CONTINUED
      P350 -P399       |   M A429              |   M R893
      Q200 -Q269       |   M A439              |     R894 -R961
      Q310 -Q349       |   M B200 -B24         |     R98  -R99
      Q390 -Q399       |     E840 -E849        |   M S000 -Y899
    M Q675 -Q678       |     J40  -J47         |
      Q680             |     J670 -J679        |     --- J9840 ---
      Q760 -Q767       |     J850 -J949        |
      Q772             |     J982              |     A000 -E349
      Q790 -Q798       |   M K223             |     E660 -E678
      Q850 -Q999       |     K226             |     E700 -E899
      R75              |     P220             |     F100 -F199
      S100 -S101       |     P240             |     F410 -F419
      S110 -S119       |   M R75              |     F444
      S128             |   M S000 -T983       |   M F453 -F458
      S170 -S199       |                       |     F500 -F509
      S202 -S219       |     --- J983  ---     |     F70  -F79
      S222 -S229       |                       |     G000 -G98
      S250 -S299       |   M A429              |     I00  -I099
      T021             |   M A439              |     I110 -I269
      T041             |   M B200 -B24         |     I280 -I698
    M T048             |     E840 -E849        |     I710 -I712
    M T07              |     J430 -J449        |     I728
      T090 -T092       |     J80              |     I772
      T095 -T099       |     J841 -J8410      |     I800 -I829
      T172 -T182       |     J860 -J869       |     J00  -J989
    M T188             |     J930 -J939       |     K20  -K229
    M T210 -T217       |     J951 -J953       |     K440 -K449
      T270 -T289       |     J981             |     M050 -M109
      T319             |     J983             |     M300 -M310
      T330 -T739       |   M R75              |     M312 -M313
    M T740 -T749       |     T811             |     M320 -M419
      T750 -T758       |     T814             |     M438 -M45
    M T780 -T789       |     T818 -T819       |     M478
    M T800 -T889       |     T884             |     M954
      T910             |     T889             |     M962 -M965
      T912             |     Y836             |     O240 -O25
    M T914             |     Y839             |     O266
    M T918 -T919       |                       |     O268
      T940 -T941       |     --- J984  ---     |     O280 -O289
    M T951             |                       |     O740 -O749
    M T958             |     A000 -F39        |     O908
      T96  -T97        |     F531             |     O980 -O998
    M T980             |     F55              |     P200 -P289
      V010 -Y369       |     F71  -F79        |     P350 -P399
    M Y400 -Y599       |     F840 -F849       |     Q200 -Q269
      Y850 -Y872       |     F99  -G419       |     Q310 -Q349
      Y890 -Y899       |     G459 -G98        |     Q390 -Q399
                        |     H650 -H709       |     Q675 -Q680
     --- J981  ---      |     H720 -H739       |     Q760 -Q798
                        |     H950 -L599       |     Q850 -Q999
      A000 -R825       |     L930 -L932       |     R570 -R579
    M R826             |     M000 -N459       |     R75
      R827 -R892       |     N480 -N96        |   M S000 -Y899
    M R893             |     N980 -R825       |
      R894 -R961       |   M R826             |
      R98  -Y899       |     R827 -R892       |
```

--- J985 ---	--- J985 --- CONTINUED	--- J986 --- CONTINUED
A000 -E349	S222 -S229	K20 -K289
E660 -E678	S250 -S299	K350 -K37
E700 -E899	T021	K440 -K449
F100 -F199	T041	K529
F410 -F419	T048	K630
F500 -F509	T07	K650 -K659
G000 -G98	T090 -T092	K700 -K869
H590 -H599	T095 -T099	K910 -K919
I00 -I099	T172 -T179	M020
I110 -I269	M T188	M022
I280 -I519	M T210 -T217	M050 -M109
M I600 -I698	T270 -T289	M300 -M310
M I710	T319	M312 -M313
I711 -I712	T330 -T758	M320 -M419
M I728	T800 -T889	M438 -M45
I970 -I979	T910	M478
J00 -J989	T912	M954
K20 -K289	M T914	M960 -M969
K440 -K449	M T918 -T919	N143
K910 -K919	T940 -T941	N980 -N999
M020	M T951	O240 -O25
M050 -M109	M T958	O266
M300 -M310	T96 -T97	O268
M312 -M313	M T980	O280 -O289
M320 -M419	V010 -X39	O740 -O749
M438 -M45	X45 -X59	O908
M478	X67	O980 -O998
M954	X70 -X84	Q200 -Q269
M962 -M965	X86 -Y09	Q310 -Q349
N143	Y16 -Y369	Q387 -Q459
O240 -O25	M Y400 -Y599	Q675 -Q680
O266	Y604	Q760 -Q769
O268	Y614	Q772
O280 -O289	Y624	Q790 -Q798
O740 -O749	Y658	Q850 -Q999
O908	Y850 -Y899	R75
O980 -O998		S100 -S101
P115	--- J986 ---	S110 -S119
P140 -P149		S128
P159 -P289	A000 -E349	S170 -S199
P350 -P399	E660 -E678	S202 -S219
Q200 -Q269	E700 -E899	S222 -S299
Q310 -Q349	F100 -F169	S310 -S311
Q387 -Q459	F180 -F189	S317 -S318
Q675 -Q680	F410 -F419	S368
Q760 -Q769	F500 -F509	S390
Q772	G000 -G98	T019 -T021
Q790 -Q798	H590 -H599	T041
Q850 -Q999	I00 -I099	M T048
R400 -R402	I280 -I519	T058
R75	M I710	M T07
S100 -S101	M I728	T090 -T092
S110 -S119	I81 -I820	T095 -T099
S128	I822	T141
S170 -S199	I970 -I979	T147 -T149
S202 -S219	J00 -J989	T172 -T182

--- J986 ---	--- J988 ---	--- J989 ---
CONTINUED	CONTINUED	CONTINUED
M T188	M Q060 -Q079	O980 -O998
M T210 -T217	Q200 -Q269	P200 -P289
T270 -T289	Q300 -Q349	P350 -P399
T318 -T319	Q390 -Q399	Q200 -Q269
T330 -T758	Q674	Q310 -Q349
T800 -T889	M Q675 -Q678	Q390 -Q399
T910 -T913	Q680	Q674
M T914	Q750 -Q769	M Q675 -Q678
M T918 -T919	Q772	Q680
M T940 -T941	Q790 -Q798	Q750 -Q769
M T951	Q850 -Q999	Q772
M T958	R040 -R041	Q790 -Q798
T96 -T97	R060 -R068	Q850 -Q999
M T980	R090 -R098	R048
	R13	R579 -R5800
--- J988 ---	R220 -R222	R64
	M R227 -R229	R75
A000 -E349	R53 -R54	S100 -S101
E660 -E678	R560 -R568	S110 -S119
E700 -F03	R64	S128
F051	R75	S170 -S199
F100 -F199	R900	S202 -S219
F410 -F419	S000 -Y899	S222 -S229
F500 -F509		S250 -S299
F70 -F79	--- J989 ---	T021
G000 -G98		T041
I00 -I099	A000 -E349	M T048
I110 -I269	E660 -E678	M T07
I280 -I519	E700 -E899	T090 -T092
M I600 -I698	F100 -F199	T095 -T099
M I710	F410 -F419	T172 -T182
I711 -I712	F500 -F509	M T188
M I728	F70 -F79	M T210 -T217
J00 -J989	G000 -G98	T270 -T289
K20 -K229	I00 -I099	T318 -T319
K440 -K449	I110 -I269	T71
M K700 -K769	I280 -I519	T910
M050 -M109	M I600 -I698	T912
M300 -M310	M I710	M T914
M312 -M313	I711 -I712	M T918 -T919
M320 -M419	M I728	M T940 -T941
M438 -M45	I770 -J989	M T951
M478	K20 -K229	M T958
M954	K440 -K449	T96 -T980
M962 -M965	M050 -M109	V010 -Y899
N170 -N19	M300 -M419	
O240 -O25	M438 -M45	--- K000 ---
O266	M478	
O268	M954	B059
O280 -O289	M962 -M965	B572
O740 -O749	O240 -O25	B779
O908	O266	E840
O980 -O998	O268	E849
P220 -P289	O280 -O289	K000
P350 -P399	O740 -O749	
M Q010 -Q048	O908	

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                          TABLE D
         CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

    --- K001  ---    |     --- K007  ---    |     --- K021   ---
                     |       CONTINUED      |       CONTINUED
      B059           |       B779           |       E849
      B572           |       E840           |       K021
      B779           |       E849           |
      E840           |       K007           |     --- K022   ---
      E849           |                      |
      K001           |     --- K008  ---    |       B059
                     |                      |       B572
    --- K002  ---    |       B059           |       B779
                     |       B572           |       E840
      B059           |       B779           |       E849
      B572           |       E840           |       K022
      B779           |       E849           |
      E840           |       K008           |     --- K023   ---
      E849           |                      |
      K002           |     --- K009  ---    |       B059
                     |                      |       B572
    --- K003  ---    |       B059           |       B779
                     |       B572           |       E840
      B059           |       B779           |       E849
      B572           |       E840           |       K023
      B779           |       E849           |
      E840           |       K009           |     --- K024   ---
      E849           |                      |
      K003           |     --- K010  ---    |       B059
                     |                      |       B572
    --- K004  ---    |       B059           |       B779
                     |       B572           |       E840
      B059           |       B779           |       E849
      B572           |       E840           |       K024
      B779           |       E849           |
      E840           |       K010           |     --- K028   ---
      E849           |                      |
      K004           |     --- K011  ---    |       B059
                     |                      |       B572
    --- K005  ---    |       B059           |       B779
                     |       B572           |       E840
      B059           |       B779           |       E849
      B572           |       E840           |       K028
      B779           |       E849           |
      E840           |       K011           |     --- K029   ---
      E849           |                      |
      K005           |     --- K020  ---    |       B059
                     |                      |       B572
    --- K006  ---    |       B059           |       B779
                     |       B572           |       E840
      B059           |       B779           |       E849
      B572           |       E840           |       K029
      B779           |       E849           |
      E840           |       K020           |     --- K030   ---
      E849           |                      |
      K006           |     --- K021  ---    |       B059
                     |                      |       B572
    --- K007  ---    |       B059           |       B779
                     |       B572           |       E840
      B059           |       B779           |       E849
      B572           |       E840           |       K030
```

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                         TABLE D
     CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

   --- K031  ---    |   --- K037  ---    |   --- K043  ---
                    |     CONTINUED      |     CONTINUED
     B059           |     B779           |     E849
     B572           |     E840           |     K043
     B779           |     E849           |
     E840           |     K037           |   --- K044  ---
     E849           |                    |
     K031           |   --- K038  ---    |     B059
                    |                    |     B572
   --- K032  ---    |     B059           |     B779
                    |     B572           |     E840
     B059           |     B779           |     E849
     B572           |     E840           |     K044
     B779           |     E849           |
     E840           |     K038           |   --- K045  ---
     E849           |                    |
     K032           |   --- K039  ---    |     B059
                    |                    |     B572
   --- K033  ---    |     B059           |     B779
                    |     B572           |     E840
     B059           |     B779           |     E849
     B572           |     E840           |     K045
     B779           |     E849           |
     E840           |     K039           |   --- K046  ---
     E849           |                    |
     K033           |   --- K040  ---    |     B059
                    |                    |     B572
   --- K034  ---    |     B059           |     B779
                    |     B572           |     E840
     B059           |     B779           |     E849
     B572           |     E840           |     K046
     B779           |     E849           |
     E840           |     K040           |   --- K047  ---
     E849           |                    |
     K034           |   --- K041  ---    |     B059
                    |                    |     B572
   --- K035  ---    |     B059           |     B779
                    |     B572           |     E840
     B059           |     B779           |     E849
     B572           |     E840           |     K047
     B779           |     E849           |
     E840           |     K041           |   --- K048  ---
     E849           |                    |
     K035           |   --- K042  ---    |     B059
                    |                    |     B572
   --- K036  ---    |     B059           |     B779
                    |     B572           |     E840
     B059           |     B779           |     E849
     B572           |     E840           |     K048
     B779           |     E849           |
     E840           |     K042           |   --- K049  ---
     E849           |                    |
     K036           |   --- K043  ---    |     B059
                    |                    |     B572
   --- K037  ---    |     B059           |     B779
                    |     B572           |     E840
     B059           |     B779           |     E849
     B572           |     E840           |     K049
```

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                            TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


   --- K050  ---       |    --- K055  ---       |    --- K069  ---

      B059             |  M A429                |       B059
      B572             |    B200 -B24           |       B572
      B779             |  M C000 -C80           |       B779
      E840             |  M C910 -C959          |       E840
      E849             |    E840 -E849          |       E849
      K050             |    K055                |       K069
                       |    R75                 |
   --- K051  ---       |                        |    --- K070  ---
                       |    --- K056  ---       |
      B059             |                        |       B059
      B572             |       B059             |       B572
      B779             |       B572             |       B779
      E840             |       B779             |       E840
      E849             |       E840             |       E849
      K051             |       E849             |       K070
                       |       K056             |
   --- K052  ---       |                        |    --- K071  ---
                       |    --- K060  ---       |
   M A429              |                        |       B059
     B200 -B24         |       B059             |       B572
     C000 -C148        |       B572             |       B779
   M C798              |       B779             |       E840
     C910 -C959        |       E840             |       E849
     D000              |       E849             |       K071
     D100 -D119        |       K060             |
     D370              |                        |    --- K072  ---
     E840 -E849        |    --- K061  ---       |
   M G08               |                        |       B059
     G450 -G452        |  M A429                |       B572
     G454 -G459        |    B200 -B24           |       B779
   M G819              |  M C000 -C80           |       E840
   M G936              |  M C910 -C959          |       E849
   M G938              |    E840 -E849          |       K072
   M G951              |    K061                |
     I600 -I698        |    R75                 |    --- K073  ---
     K052              |                        |
     R75               |    --- K062  ---       |       B059
                       |                        |       B572
   --- K053  ---       |  M A429                |       B779
                       |  M C000 -C80           |       E840
      B059             |  M C910 -C959          |       E849
      B572             |    E840 -E849          |       K073
      B779             |    K062                |
      E840             |                        |    --- K074  ---
      E849             |    --- K068  ---       |
      K053             |                        |       B059
                       |  M A429                |       B572
   --- K054  ---       |    B200 -B24           |       B779
                       |  M C000 -C80           |       E840
      B059             |  M C910 -C959          |       E849
      B572             |    E840 -E849          |       K074
      B779             |    K068                |       K081
      E840             |    R75                 |
      E849             |                        |    --- K075  ---
      K054             |                        |
                       |                        |       B059
                       |                        |
```

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                              TABLE D
            CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

     --- K075  ---    |    --- K082  ---    |    --- K091  ---
        CONTINUED     |       CONTINUED     |       CONTINUED
        B572          |       E840          |       E840
        B779          |       E849          |       E849
        E840          |       K082          |       K091
        E849          |                     |
        K075          |    --- K083  ---    |    --- K092  ---
                      |                     |
     --- K076  ---    |       B059          |       B059
                      |       B572          |       B572
                      |       B779          |       B779
        B059          |       E840          |       E840
        B572          |       E849          |       E849
        B779          |       K083          |       K092
        E840          |                     |
        E849          |    --- K088  ---    |    --- K098  ---
        K076          |                     |
                      |    M A429           |       B059
     --- K078  ---    |       B200 -B24     |       B572
                      |       C000 -C148    |       B779
        B059          |    M C798           |       E840
        B572          |       C910 -C959    |       E849
        B779          |       D000          |       K098
        E840          |       D100 -D119    |
        E849          |       D370          |    --- K099  ---
        K078          |       E840 -E849    |
                      |       K088          |       B059
     --- K079  ---    |       R75           |       B572
                      |                     |       B779
        B059          |    --- K089  ---    |       E840
        B572          |                     |       E849
        B779          |    M A429           |       K099
        E840          |       B200 -B24     |
        E849          |       C000 -C148    |
        K079          |    M C798           |    --- K100  ---
                      |       C910 -C959    |
     --- K080  ---    |       D000          |       B059
                      |       D100 -D119    |       B572
        B059          |       D370          |       B779
        B572          |       E840 -E849    |       E840
        B779          |       K089          |       E849
        E840          |       R75           |       K100
        E849          |                     |
        K080          |    --- K090  ---    |    --- K101  ---
                      |                     |
     --- K081  ---    |    M A429           |       B059
                      |       B200 -B24     |       B572
        B059          |    M C000 -C80      |       B779
        B572          |    M C910 -C959     |       E840
        B779          |       E840 -E849    |       E849
        E840          |       K090          |       K101
        E849          |       R75           |
        K081          |                     |    --- K102  ---
                      |                     |
     --- K082  ---    |    --- K091  ---    |    M A429
                      |                     |    M C000 -C148
        B059          |       B059          |    M C798
        B572          |       B572          |       C910 -C959
        B779          |       B779          |       D000
```

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                              TABLE D
         CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


    --- K102  ---     | --- K112 -K113  --- |    --- K114   ---
       CONTINUED      |      CONTINUED      |
       D100 -D119     |     H650 -H749      |       B059
       D370           |     I00             |       B572
       E840 -E849     |     I330 -I339      |       B779
       K102           |     I400 -I409      |       E840
                      |     I600 -I64       |       E849
    --- K103  ---     |     J00  -J069      |       K114
                      |     J200 -J219      |       R64
       B059           |     J312 -J42       |
       B572           |     J680            |    --- K115   ---
       B779           |     J682            |
       E840           |     J690 -J700      |       B059
       E849           |     J850 -J853      |       B572
       K103           |     K040 -K042      |       B779
                      |     K044 -K047      |       E840
    --- K108  ---     |     K050 -K053      |       E849
                      |     K102 -K103      |       K115
       B059           |     K110 -K140      |
       B572           |     K20             |    --- K116   ---
       B779           |     K750 -K751      |
       E840           |     K800 -K801      |       B059
       E849           |     K803 -K804      |       B572
       K108           |     K810 -K819      |       B779
                      |     K85  -K861      |       E840
    --- K109  ---     |     M000 -M009      |       E849
                      |     M050 -M069      |       K116
       B059           |     M300 -M355      |
       B572           |     M45  -M469      |    --- K117   ---
       B779           |     M600 -M609      |
       E840           |     M650 -M659      |       B059
       E849           |     M793            |       B572
       K109           |     M860 -M869      |       B779
                      |     N000 -N009      |       E840
    --- K110  ---     |     N030 -N059      |       E849
                      |     N10  -N12       |       K117
       B059           |     N19             |
       B572           |     N250 -N309      |    --- K118   ---
       B779           |     N340 -N343      |
       E840           |     N390            |       B059
       E849           |     N410 -N419      |       B572
       K110           |     N430 -N433      |       B779
                      |     N450 -N459      |       E840
    --- K111  ---     |     N481 -N482      |       E849
                      |     N600 -N61       |       K118
       B059           |     N700 -N768      |
       B572           |   M Q409            |    --- K119   ---
       B779           |     R75             |
       E840           |     R788            |   M A429
       E849           |     S099            |     B200 -B24
       K111           |     S199            |     E840 -E849
                      |     T560 -T579      |     K119
 --- K112 -K113   --- |     T800 -T889      |     R75
                      |     X49             |
    A000 -D489        |     Y830 -Y849      |    --- K120   ---
    E100 -E149        |                     |
    E840 -E849        |                     |       B059
    G000 -G09         |                     |       B200 -B24
```

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  --- K120  ---      |    --- K131  ---      |    --- K134   ---
     CONTINUED       |                       |       CONTINUED
     B572            |      A369             |       E840 -E849
     B779            |    M A429             |       I850 -I860
     E840            |    M A500 -A539       |     M I868
     E849            |      B001 -B002       |       K050 -K069
     K120            |      B007             |       K098 -K099
     R75             |      B009             |       K120 -K137
                     |    M B200 -B24        |       K700 -K769
  --- K121 -K130  ---|      C000 -C148       |       R162
                     |    M C798             |     M R75
   M A162            |    M C810 -C97        |
   M A169            |      D000             |     --- K135  ---
     A1690           |      D100 -D109       |
     A360            |      D370             |       B059
     A369            |      E41  -E43        |       B200 -B24
     A38             |      E840 -E849       |       B572
   M A429            |      I850 -I860       |       B779
   M A500 -A549      |    M I868             |       E840
     A690 -A691      |      K050 -K069       |       E849
     B002            |      K098 -K099       |       K135
     B009            |      K120 -K137       |       R75
   M B058            |      K700 -K769       |
     B059            |      R162             |  --- K136 -K137   ---
     B084            |    M R75              |
   M B088            |                       |       A369
     B200 -B24       |     --- K132  ---     |     M A429
     B270 -B279      |                       |     M A500 -A539
     B370            |    M A429             |       B001 -B002
     B379            |      B200 -B24        |       B007
     B500 -B550      |      E840 -E849       |       B009
   M B909            |      K132             |     M B200 -B24
     B92             |      R75              |       C000 -C148
     B942 -B949      |                       |     M C798
     C000 -C148      |     --- K133  ---     |     M C810 -C97
   M C798            |                       |       D000
     C810 -C959      |    M A429             |       D100 -D109
     D000            |      B200 -B24        |       D370
     D100 -D109      |      E840 -E849       |       E41  -E43
     D370            |      K133             |       E840 -E849
     D500 -D899      |      R75              |       I850 -I860
     E500 -E649      |                       |     M I868
     E840 -E849      |     --- K134  ---     |       K050 -K069
     F100 -F109      |                       |       K098 -K099
     F170 -F179      |      A369             |       K120 -K137
     K120 -K149      |    M A429             |       K700 -K769
     L100 -L109      |    M A500 -A539       |       R162
   M L272 -L278      |      B001 -B002       |     M R75
     L430 -L439      |      B007             |
     L510 -L519      |      B009             |     --- K140  ---
     L930 -L932      |    M B200 -B24        |
     Q351 -Q409      |      C000 -C148       |     M A164
     R75             |    M C798             |       A1690
     Y400 -Y599      |    M C810 -C97        |     M A429
     Y842            |      D000             |     M B200 -B24
                     |      D100 -D109       |       C000 -C148
                     |      D370             |     M C798
                     |      E41  -E43        |       E840 -E849
```

--- K140 ---	--- K148 ---	--- K149 ---
CONTINUED		CONTINUED
K140	M A429	M352
M R75	M B200 -B24	Q381 -Q383
	C000 -C399	R75
--- K141 ---	C450 -C451	Y400 -Y419
	C457	
B059	C480 -C488	--- K20 ---
B572	C710 -C719	
B779	C780 -C788	A010 -A014
E840	M C793	A1690
E849	M C798	A188
K141	M C810 -C97	A360 -A369
	D000 -D022	A38
--- K142 ---	M D023	M A429
	D024	M A500 -A539
B059	D100 -D159	B001 -B002
B572	D330 -D332	B008 -B009
B779	D370 -D386	B200 -B24
E840	D430 -D432	B370 -B49
E849	E840 -E849	B560 -B575
K142	M E850 -E859	B908
	I600 -I698	C090 -C269
--- K143 ---	K098 -K099	C320 -C349
	K120 -K137	M C435
B059	K148	M C445
B572	Q351 -Q409	C450 -C451
B779	M R75	M C457
E840		M C463 -C467
E849	--- K149 ---	M C474
K143		C480 -C488
	M A429	C494
--- K144 ---	M A500 -A539	C73
	M B001	C762
B059	B002	C772
B572	B007	C780 -C788
B779	B009	M C792
E840	B200 -B24	M C798 -C97
E849	B370	D000 -D022
K144	B379	M D023
	C020 -C029	D024
--- K145 ---	M D000	M D035
	D101	M D045
B059	D370	D099 -D139
B572	D500 -D510	D141 -D159
B779	E100 -E149	D175
E840	E500 -E649	M D177
E849	E840 -E849	M D180 -D181
K145	F100 -F109	D191
	F170 -F179	M D197
--- K146 ---	M K070 -K089	D200 -D201
	K117	D214
B059	K120	M D225
B572	K132	M D235
B779	K149	D369 -D384
E840	L100	M D385
E849	L430 -L439	D386
K146	L510 -L519	M D481

--- K20 ---	--- K210 ---	--- K210 ---
CONTINUED	CONTINUED	CONTINUED
D483 -D484	B370 -B49	M300 -M359
M D485	B560 -B575	Q000 -Q079
M D487	B908	Q380 -Q409
D489 -E079	C090 -C269	Q790 -Q791
E500 -E539	C320 -C349	R11
E840 -E849	M C435	R75
F100 -F109	M C445	S279
G000 -G98	C450 -C451	S362 -S366
I710 -I719	M C457	M S368
I730	M C463 -C467	S369
I850 -I859	M C474	T170 -T189
J00 -J069	C480 -C488	T360 -T66
J950 -J959	C494	M T820 -T889
K20 -K3190	C73	T96 -T983
K400 -K469	C762	W44
K700 -K769	C772	W49
K85 -K869 *	C780 -C788	W78 -W80
K910 -K919	M C792	X40 -X49
M300 -M359	M C798 -C97	X60 -X69
Q000 -Q079	D000 -D022	Y10 -Y19
Q380 -Q409	M D023	Y400 -Y599
Q790 -Q791	D024	Y632 -Y633
R11	M D035	Y635
R75	M D045	Y830 -Y849
S279	D099 -D139	M Y86 -Y899
S362 -S366	D141 -D159	
M S368	D175	--- K219 ---
S369	M D177	
T170 -T189	M D180 -D181	A010 -A014
T360 -T66	D191	A1690
M T820 -T889	M D197	A188
T96 -T983	D200 -D201	A360 -A369
W44	D214	A38
W49	M D225	M A429
W78 -W80	M D235	M A500 -A539
X40 -X49	D369 -D384	B001 -B002
X60 -X69	M D385	B008 -B009
Y10 -Y19	D386	B200 -B24
Y400 -Y599	M D481	B370 -B49
Y632 -Y633	D483 -D484	B560 -B575
Y635	M D485	B908
Y830 -Y849	M D487	C090 -C269
M Y86 -Y899	D489 -E079	C320 -C349
	E500 -E539	M C435
--- K210 ---	E840 -E849	M C445
	F100 -F109	C450 -C451
A010 -A014	G000 -G98	M C457
A1690	I710 -I719	M C463 -C467
A188	I730	M C474
A360 -A369	I850 -I859	C480 -C488
A38	J00 -J069	C494
M A429	J950 -J959	C73
M A500 -A539	K20 -K3190	C762
B001 -B002	K400 -K469	C772
B008 -B009	K700 -K769	C780 -C788
B200 -B24	K910 -K919	M C792

--- K219 ---	--- K219 ---	--- K220 -K223 ---
CONTINUED	CONTINUED	CONTINUED
M C798 -C97	X40 -X49	M D235
D000 -D022	X60 -X69	D369 -D384
M D023	Y10 -Y19	M D385
D024	Y400 -Y599	D386
M D035	Y632 -Y633	M D481
M D045	Y635	D483 -D484
D099 -D139	Y830 -Y899	M D485
D141 -D159		M D487
D175	--- K220 -K223 ---	D489 -E079
M D177		E500 -E539
M D180 -D181	A010 -A014	E840 -E849
D191	A1690	F100 -F109
M D197	A188	G000 -G98
D200 -D201	A360 -A369	I710 -I719
D214	A38	I730
M D225	M A429	I850 -I859
M D235	M A500 -A539	J00 -J069
D369 -D384	B001 -B002	J950 -J959
M D385	B008 -B009	K20 -K3190
D386	B200 -B252	K400 -K469
M D481	M B258	K700 -K769
D483 -D484	B259	K910 -K919
M D485	B370 -B49	M300 -M359
M D487	B560 -B575	Q000 -Q079
D489 -E149	B908	Q380 -Q409
E500 -E539	C090 -C269	Q790 -Q791
E840 -E849	C320 -C349	R11
F100 -F109	M C435	R75
G000 -G98	M C445	S279
I710 -I719	C450 -C451	S362 -S366
I730	M C457	M S368
I850 -I859	M C463 -C467	S369
J00 -J069	M C474	T170 -T189
J950 -J959	C480 -C488	T360 -T66
K20 -K3190	C494	M T820 -T889
K400 -K469	C73	T96 -T983
K700 -K769	C762	W44
K910 -K919	C772	W49
M300 -M359	C780 -C788	W78 -W80
Q000 -Q079	M C792	X40 -X49
Q380 -Q409	M C798 -C97	X60 -X69
Q790 -Q791	D000 -D022	Y10 -Y19
R11	M D023	Y400 -Y599
R75	D024	Y632 -Y633
S279	M D035	Y635
S362 -S366	M D045	Y830 -Y849
M S368	D099 -D139	M Y86 -Y899
S369	D141 -D159	
T170 -T189	D175	--- K224 ---
T360 -T66	M D177	
M T820 -T889	M D180 -D181	A010 -A014
T909	D191	A1690
T96 -T983	M D197	A188
W44	D200 -D201	A360 -A369
W49	D214	A38
W78 -W80	M D225	M A429

--- K224 ---	--- K224 ---	--- K225 -K229 ---
CONTINUED	CONTINUED	CONTINUED
M A500 -A539	M I608	C090 -C269
B001 -B002	M I609	C320 -C349
B008 -B009	M I610 -I698	M C435
B200 -B252	I710 -I719	M C445
M B258	I730	C450 -C451
B259	I850 -I859	M C457
B370 -B49	J00 -J069	M C463 -C467
B560 -B575	J950 -J959	M C474
B908	K20 -K3190	C480 -C488
C090 -C269	K400 -K469	C494
C320 -C349	K570 -K579	C73
M C435	K700 -K769	C762
M C445	K910 -K919	C772
C450 -C451	M300 -M359	C780 -C788
M C457	Q000 -Q079	M C792
M C463 -C467	Q380 -Q409	M C798 -C97
M C474	Q790 -Q791	D000 -D022
C480 -C488	R11	M D023
C494	R75	D024
C73	S279	M D035
C762	S362 -S366	M D045
C772	M S368	D099 -D139
C780 -C788	S369	D141 -D159
M C792	T170 -T189	D175
M C798 -C97	T360 -T66	M D177
D000 -D022	M T820 -T889	M D180 -D181
M D023	T96 -T983	D191
D024	W44	M D197
M D035	W49	D200 -D201
M D045	W78 -W80	D214
D099 -D139	X40 -X49	M D225
D141 -D159	X60 -X69	M D235
D175	Y10 -Y19	D369 -D384
M D177	Y400 -Y599	M D385
M D180 -D181	Y632 -Y633	D386
D191	Y635	M D481
M D197	Y830 -Y849	D483 -D484
D200 -D201	M Y86 -Y899	M D485
D214		M D487
M D225	--- K225 -K229 ---	D489 -E079
M D235		E500 -E539
D369 -D384	A010 -A014	E840 -E849
M D385	A1690	F100 -F109
D386	A188	G000 -G98
M D481	A360 -A369	I710 -I719
D483 -D484	A38	I730
M D485	M A429	I850 -I859
M D487	M A500 -A539	J00 -J069
D489 -E079	B001 -B002	J950 -J959
E500 -E539	B008 -B009	K20 -K3190
E840 -E849	B200 -B252	K400 -K469
F100 -F109	M B258	K700 -K769
G000 -G98	B259	K910 -K919
M I600	B370 -B49	M300 -M359
M I601 -I606	B560 -B575	Q000 -Q079
M I607	B908	Q380 -Q409

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--- K225 -K229  --- | --- K293 -K316  --- |   --- K350   ---
     CONTINUED       |      CONTINUED      |      CONTINUED
     Q790 -Q791      |   R75               |  M D235
     R11             |   S000 -Y899        |  M D360 -D369
     R75             |                     |    D370 -D379
     S279            |    --- K317   ---    |    D483 -D484
     S362 -S366      |                     |  M D485
  M  S368            |  M A539             |  M D487
     S369            |    B200 -B24        |    D70  -D729
     T170 -T189      |    D131             |  M E000 -F99
     T360 -T66       |    E840 -E849       |  M K000 -K3190
  M  T820 -T889      |    K317             |    K350
     T96  -T983      |    R75              |  M K351 -K929
     W44             |                     |    N40  -N509
     W49             | --- K318 -K3190 --- |    N700 -N909
     W78  -W80       |                     |    Q410 -Q559
     X40  -X49       |    A000 -Q999       |  M Q900 -Q999
     X60  -X69       |    R75              |    R54
     Y10  -Y19       |    S000 -Y899       |    R75
     Y400 -Y599      |                     |  M S000 -Y899
     Y632 -Y633      |    --- K350   ---    |
     Y635            |                     |    --- K351   ---
     Y830 -Y849      |    A000 -A009       |
  M  Y86  -Y899      |    A047             |    A000 -A009
                     |    A068 -A069       |    A047
--- K250 -K291  --- |    A1690            |    A068 -A069
                     |    A183             |    A1690
                     |    A200 -A799       |    A183
     A000 -Q999      |    A99  -B99        |    A200 -A799
     R75             |    C150 -C269       |    A99  -B99
     S000 -Y899      |  M C435             |    C150 -C269
                     |  M C445             |  M C435
    --- K292   ---    |    C451             |  M C445
                     |  M C457             |    C451
                     |  M C463 -C467       |  M C457
  M  A429            |    C474             |  M C463 -C467
     B200 -B24       |    C480 -C488       |    C474
  M  B659            |    C494             |    C480 -C488
  M  B789            |    C762             |    C494
     E52             |  M C767 -C768       |    C762
     F100 -F109      |    C772             |  M C767 -C768
     G312            |    C784 -C788       |    C772
     G405            |  M C792             |    C784 -C788
     G621            |  M C798             |  M C792
     G721            |  M C810 -C97        |  M C798
     I426            |    D001 -D019       |  M C810 -C97
     K292            |  M D035             |    D001 -D019
     K700 -K709      |  M D045             |  M D035
     L278            |    D097             |  M D045
     R75             |    D120 -D139       |    D097
     T510 -T519      |    D175             |    D120 -D139
     X45             |  M D177             |    D175
     X65             |  M D180 -D181       |  M D177
     X85             |    D191             |  M D180 -D181
     Y15             |  M D197             |    D191
  M  Y86  -Y872      |    D200 -D201       |  M D197
                     |    D214             |    D200 -D201
--- K293 -K316  --- |  M D225             |    D214
                     |                     |
     A000 -Q999      |                     |
```

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   --- K351  ---        |     --- K359  ---       |     --- K36   ---
      CONTINUED         |        CONTINUED        |        CONTINUED
 M D225                 |      D214               |      D200 -D201
 M D235                 |    M D225               |      D214
 M D360 -D369           |    M D235               |    M D225
   D370 -D379           |    M D360 -D369         |    M D235
   D483 -D484           |      D370 -D379         |    M D360 -D369
 M D485                 |      D483 -D484         |      D370 -D379
 M D487                 |    M D485               |      D483 -D484
   D70  -D729           |    M D487               |    M D485
 M E000 -F99            |      D70  -D729         |    M D487
 M K000 -K350           |    M E000 -F99          |      D70  -D729
   K351                 |    M K000 -K351         |    M E000 -F99
 M K359 -K929           |      K359               |    M K000 -K359
   N40  -N509           |    M K36  -K929         |      K36
   N700 -N909           |      N40  -N509         |    M K37  -K929
   Q410 -Q559           |      N700 -N909         |      N40  -N509
 M Q900 -Q999           |      Q410 -Q559         |      N700 -N909
   R54                  |    M Q900 -Q999         |      Q410 -Q559
   R75                  |      R54                |    M Q900 -Q999
 M S000 -Y899           |      R75                |      R54
                        |    M S000 -Y899         |      R75
   --- K359  ---        |                         |    M S000 -Y899
                        |     --- K36   ---       |
   A000 -A009           |                         |     --- K37   ---
   A047                 |      A000 -A009         |
   A068 -A069           |      A047               |      A000 -A009
   A1690                |      A068 -A069         |      A047
   A183                 |      A1690              |      A068 -A069
   A200 -A799           |      A183               |      A1690
   A99  -B99            |      A200 -A799         |      A183
   C150 -C269           |      A99  -B99          |      A200 -A799
 M C435                 |      C150 -C269         |      A99  -B99
 M C445                 |    M C435               |      C150 -C269
   C451                 |    M C445               |    M C435
 M C457                 |      C451               |    M C445
 M C463 -C467           |    M C457               |      C451
   C474                 |    M C463 -C467         |    M C457
   C480 -C488           |      C474               |    M C463 -C467
   C494                 |      C480 -C488         |      C474
   C762                 |      C494               |      C480 -C488
 M C767 -C768           |      C762               |      C494
   C772                 |    M C767 -C768         |      C749
   C784 -C788           |      C772               |      C762
 M C792                 |      C784 -C788         |    M C767 -C768
 M C798                 |    M C792               |      C772
 M C810 -C97            |    M C798               |      C784 -C788
   D001 -D019           |    M C810 -C97          |    M C792
 M D035                 |      D001 -D019         |    M C798
 M D045                 |    M D035               |    M C810 -C97
   D097                 |    M D045               |      D001 -D019
   D120 -D139           |      D097               |    M D035
   D175                 |      D120 -D139         |    M D045
 M D177                 |      D175               |      D097
 M D180 -D181           |    M D177               |      D120 -D139
   D191                 |    M D180 -D181         |      D175
 M D197                 |      D191               |    M D177
   D200 -D201           |    M D197               |    M D180 -D181
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--- K37 ---	--- K380 ---	--- K381 ---
CONTINUED	CONTINUED	CONTINUED
D191	M D180 -D181	D191
M D197	D191	M D197
D200 -D201	M D197	D200 -D201
D214	D200 -D201	D214
M D225	D214	M D225
M D235	M D225	M D235
M D360 -D369	M D235	M D360 -D369
D370 -D379	M D360 -D369	D370 -D379
D483 -D484	D370 -D379	D483 -D484
M D485	D483 -D484	M D485
M D487	M D485	M D487
D70 -D729	M D487	M E000 -F99
M E000 -F99	M E000 -F99	M K000 -K380
M K000 -K36	M K000 -K37	K381
K37	K380	M K382 -K929
M K380 -K929	M K381 -K929	N40 -N509
N40 -N509	N40 -N509	N700 -N909
N700 -N909	N700 -N909	Q410 -Q559
Q410 -Q559	Q410 -Q559	M Q900 -Q999
M Q900 -Q999	M Q900 -Q999	R54
R54	R54	R75
R72	R75	M S000 -Y899
R75	M S000 -Y899	
M S000 -Y899		--- K382 ---
	--- K381 ---	
--- K380 ---		A000 -A009
	A000 -A009	A068 -A069
A000 -A009	A068 -A069	A1690
A068 -A069	A1690	A183
A1690	A183	A200 -A799
A183	A200 -A799	A99 -B99
A200 -A799	A99 -B99	C150 -C269
A99 -B99	C150 -C269	M C435
C150 -C269	M C435	M C445
M C435	M C445	C451
M C445	C451	M C457
C451	M C457	M C463 -C467
M C457	M C463 -C467	C474
M C463 -C467	C474	C480 -C488
C474	C480 -C488	C494
C480 -C488	C494	C762
C494	C762	M C767 -C768
C762	M C767 -C768	C772
M C767 -C768	C772	C784 -C788
C772	C784 -C788	M C792
C784 -C788	M C792	M C798
M C792	M C798	M C810 -C97
M C798	M C810 -C97	D001 -D019
M C810 -C97	D001 -D019	M D035
D001 -D019	M D035	M D045
M D035	M D045	D097
M D045	D097	D120 -D139
D097	D120 -D139	D175
D120 -D139	D175	M D177
D175	M D177	M D180 -D181
M D177	M D180 -D181	D191

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   --- K382  ---    |    --- K383  ---    |    --- K388  ---
     CONTINUED       |      CONTINUED       |      CONTINUED
  M D197             |     D200 -D201       |     D214
    D200 -D201       |     D214             |   M D225
    D214             |   M D225             |   M D235
  M D225             |   M D235             |   M D360 -D369
  M D235             |   M D360 -D369       |     D370 -D379
  M D360 -D369       |     D370 -D379       |     D483 -D484
    D370 -D379       |     D483 -D484       |   M D485
    D483 -D484       |   M D485             |   M D487
  M D485             |   M D487             |   M E000 -F99
  M D487             |   M E000 -F99        |   M K000 -K383
  M E000 -F99        |   M K000 -K382       |     K388
  M K000 -K381       |     K383             |   M K389 -K929
    K382             |   M K388 -K929       |     N40  -N509
  M K383 -K929       |     N40  -N509       |     N700 -N909
    N40  -N509       |     N700 -N909       |     Q410 -Q559
    N700 -N909       |     Q410 -Q559       |   M Q900 -Q999
    Q410 -Q559       |   M Q900 -Q999       |     R54
  M Q900 -Q999       |     R54              |     R75
    R54              |     R75              |   M S000 -Y899
    R75              |   M S000 -Y899       |
  M S000 -Y899       |                      |    --- K389  ---
                     |    --- K388  ---     |
   --- K383  ---     |                      |     A000 -A009
                     |     A000 -A009       |     A068 -A069
                     |     A068 -A069       |     A1690
    A000 -A009       |     A1690            |     A183
    A068 -A069       |     A183             |     A200 -A799
    A1690            |     A200 -A799       |     A90  -B99
    A183             |     A99  -B99        |     C150 -C269
    A200 -A799       |     C150 -C269       |   M C435
    A99  -B99        |   M C435             |   M C445
    C150 -C269       |   M C445             |     C451
  M C435             |     C451             |   M C457
  M C445             |   M C457             |   M C463 -C467
    C451             |   M C463 -C467       |     C474
  M C457             |     C474             |     C480 -C488
  M C463 -C467       |     C480 -C488       |     C494
    C474             |     C494             |     C762
    C480 -C488       |     C762             |   M C767 -C768
    C494             |   M C767 -C768       |     C772
    C762             |     C772             |     C784 -C788
  M C767 -C768       |     C784 -C788       |   M C792
    C772             |   M C792             |   M C798
    C784 -C788       |   M C798             |   M C810 -C97
  M C792             |   M C810 -C97        |     D001 -D019
  M C798             |     D001 -D019       |   M D035
  M C810 -C97        |   M D035             |   M D045
    D001 -D019       |   M D045             |     D097
  M D035             |     D097             |     D120 -D139
  M D045             |     D120 -D139       |     D175
    D097             |     D175             |   M D177
    D120 -D139       |   M D177             |   M D180 -D181
    D175             |   M D180 -D181       |     D191
  M D177             |     D191             |   M D197
  M D180 -D181       |   M D197             |     D200 -D201
    D191             |     D200 -D201       |     D214
  M D197             |                      |
```

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  --- K389  ---        |    --- K412  ---       |    --- K421   ---
    CONTINUED          |      CONTINUED         |      CONTINUED
M D225                 |  M E039 -E0390         |  M E236
M D235                 |  M E236                |  M E349
M D360 -D369           |  M E349                |     E660 -E669
   D370 -D379          |     E660 -E669         |     K421
   D483 -D484          |     K412               |
M D485                 |                        |    --- K429   ---
M D487                 |    --- K413  ---       |
M E000 -F99            |                        |  M A429
M K000 -K388           |  M A429                |  M B659
   K389               |  M B659                |  M B789
M K400 -K929           |  M B789                |  M E039 -E0390
   N40  -N909          |  M E039 -E0390         |  M E236
   Q410 -Q559          |  M E236                |  M E349
M Q900 -Q999           |  M E349                |     E660 -E669
   R54                 |     E660 -E669         |     K429
   R75                 |     K413               |
M S000 -Y899           |                        |    --- K430   ---
                       |    --- K414  ---       |
--- K400 -K409  ---    |                        |  M A429
                       |  M A429                |  M B659
   M A429              |  M B659                |  M B789
   M B659              |  M B789                |  M E039 -E0390
   M B789              |  M E039 -E0390         |  M E236
   M E039 -E0390       |  M E236                |  M E349
   M E236              |  M E349                |     E660 -E669
   M E349              |     E660 -E669         |     K430
     E660 -E669        |     K414               |     Y830 -Y834
     K400 -K409        |                        |     Y836 -Y839
                       |    --- K419  ---       |     Y883
    --- K410  ---      |                        |
                       |  M A429                |    --- K431   ---
   M A429              |  M B659                |
   M B659              |  M B789                |  M A429
   M B789              |  M E039 -E0390         |  M B659
   M E039 -E0390       |  M E236                |  M B789
   M E236              |  M E349                |  M E039 -E0390
   M E349              |     E660 -E669         |  M E236
     E660 -E669        |     K419               |  M E349
     K410              |                        |     E660 -E669
                       |    --- K420  ---       |     K431
    --- K411  ---      |                        |     Y830 -Y834
                       |  M A429                |     Y836 -Y839
   M A429              |  M B659                |     Y883
   M B659              |  M B789                |
   M B789              |  M E039 -E0390         |
   M E039 -E0390       |  M E236                |    --- K439   ---
   M E236              |  M E349                |
   M E349              |     E660 -E669         |  M A429
     E660 -E669        |     K420               |  M B659
     K411              |                        |  M B789
                       |    --- K421  ---       |  M E039 -E0390
    --- K412  ---      |                        |  M E236
                       |  M A429                |  M E349
   M A429              |  M B659                |     E660 -E669
   M B659              |  M B789                |     K439
   M B789              |  M E039 -E0390         |     Y830 -Y834
                       |                        |     Y836 -Y839
```

```
   --- K439 ---     |    --- K451  ---      |    --- K500  ---
     CONTINUED       |                       |      CONTINUED
      Y883           |  M A429               |    B200 -B24
                     |  M B659               |  M B659
   --- K440 ---      |  M B789               |  M B789
                     |  M E039 -E0390        |    E840 -E849
 M A429              |  M E236               |    K500
 M B659              |  M E349               |    R75
 M B789              |    E660 -E669         |
 M E039 -E0390       |    K451               |    --- K501  ---
 M E236              |                       |
 M E349              |    --- K458  ---      |  M A429
   E660 -E669        |                       |    B200 -B24
   K440              |  M A429               |  M B659
 M S200 -S399        |  M B659               |  M B789
   T914 -T915        |  M B789               |    E840 -E849
 M T941              |  M E039 -E0390        |    K501
                     |  M E236               |    R75
   --- K441  ---     |  M E349               |
                     |    E660 -E669         |    --- K508  ---
 M A429              |    K458               |
 M B659              |                       |  M A429
 M B789              |    --- K460  ---      |    B200 -B24
 M E039 -E0390       |                       |  M B659
 M E236              |  M A429               |  M B789
 M E349              |  M B659               |    E840 -E849
   E660 -E669        |  M B789               |    K508
   K441              |  M E039 -E0390        |    R75
 M S200 -S399        |  M E236               |
   T914 -T915        |  M E349               |    --- K509  ---
 M T941              |    E660 -E669         |
                     |    K400 -K469         |  M A429
   --- K449  ---     |                       |    B200 -B24
                     |    --- K461  ---      |  M B659
 M A429              |                       |  M B789
 M B659              |  M A429               |    E840 -E849
 M B789              |  M B659               |    K509
 M E039 -E0390       |  M B789               |    R75
 M E236              |  M E039 -E0390        |
 M E349              |  M E236               |    --- K510  ---
   E660 -E669        |  M E349               |
   K449              |    E660 -E669         |    A060 -A063
 M S200 -S399        |    K461               |    A068 -A069
   T914 -T915        |                       |    A400 -A419
 M T941              |    --- K469  ---      |  M A429
                     |                       |  M B659
   --- K450  ---     |  M A429               |  M B789
                     |  M B659               |    E840 -E849
 M A429              |  M B789               |    K510 -K529
 M B659              |  M E039 -E0390        |  M K566
 M B789              |  M E236               |    K593
 M E039 -E0390       |  M E349               |
 M E236              |    E660 -E669         |    --- K511  ---
 M E349              |    K469               |
   E660 -E669        |                       |    B572
   K450              |    --- K500  ---      |    B779
                     |                       |    E840
                     |  M A429               |    E849
```

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--- K511  ---        |     --- K550  ---      |     --- K5500 ---
   CONTINUED          |        CONTINUED       |        CONTINUED
   K511               |     I630 -I839         |     M T900 -T983
                      |     I870 -I99          |       X40  -X49
--- K512 -K519  ---   |     K250 -K929         |     M Y400 -Y599
                      |     M300 -M359         |       Y842
   A060 -A063         |     M628               |     M Y880
   A068 -A069         |     N700 -N768         |
   A400 -A419         |     N835               |     --- K551  ---
 M A429               |     P77                |
 M B659               |     Q200 -Q249         |     M A000 -A182
 M B789               |     Q410 -Q459         |       A183
   E840 -E849         |     Q790 -Q795         |     M A184 -A199
   K510 -K529         |     Q999               |       A400 -A419
 M K566               |     R02                |     M A429
   K593               |   M R198        *      |     M A500 -A539
                      |     R54                |     M B200 -B24
   --- K520  ---      |   M R75                |     M B659
                      |   M S000 -T876         |     M B789
 M A429               |     T880 -T889         |       C000 -D899
 M B659               |   M T900 -T983         |       E100 -E899
 M B789               |     X40  -X49          |       G35  -G3500
   C000 -D489         |   M Y400 -Y599         |       G810 -G839
   K520               |     Y842              |       I010 -I519
   T66                |   M Y880               |       I630 -I839
   W88  -W91          |                        |       I870 -I99
 M X32                |     --- K5500 ---       |       K250 -K929
 M X39                |                        |       M300 -M359
 M Y365               |   M A000 -A182         |       M628
 M Y367               |     A183               |       N700 -N768
   Y632 -Y633         |   M A184 -A199         |       P77
   Y842               |     A400 -A419         |       Q200 -Q249
                      |   M A429               |       Q410 -Q459
--- K521 -K529  ---   |   M A500 -A539         |       Q790 -Q795
                      |   M B200 -B24          |       Q999
   A000 -K929         |   M B659               |       R02
   L272               |   M B789               |     M R198        *
   M000 -N999         |     C000 -D899         |       R54
   P000 -Q999         |     E100 -E899         |     M R75
   R75                |     G35  -G3500        |     M S000 -T876
   S000 -Y899         |     G810 -G839         |       T880 -T889
                      |     I010 -I519         |     M T900 -T983
   --- K550  ---      |     I630 -I839         |       X40  -X49
                      |     I870 -I99          |     M Y400 -Y599
 M A000 -A182         |     K250 -K929         |       Y842
   A183               |     M300 -M359         |     M Y880
 M A184 -A199         |     M628               |
   A400 -A419         |     N700 -N768         | --- K552 -K558   ---
 M A429               |     P77                |
 M A500 -A539         |     Q200 -Q249         |     M A000 -A182
 M B200 -B24          |     Q410 -Q459         |       A183
 M B659               |     Q790 -Q795         |     M A184 -A199
 M B789               |     Q999               |       A400 -A419
   C000 -D899         |     R02                |     M A429
   E100 -E899         |     R54                |     M A500 -A539
   G35  -G3500        |   M R75                |     M B200 -B24
   G810 -G839         |   M S000 -T876         |     M B659
   I010 -I519         |     T880 -T889         |     M B789
```

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--- K552 -K558  --- |    --- K559  ---    |    --- K570   ---
     CONTINUED       |      CONTINUED      |
     C000 -D899      |      R54            |      A1690
     E100 -E899      |    M R75            |      A183
     G35  -G3500     |    M S000 -T876     |    M A429
     G810 -G839      |      T880 -T889     |    M A500 -A539
     I010 -I519      |    M T900 -T983     |    M A546 -A548
     I630 -I839      |      X40  -X49      |    M B659
     I870 -I99       |    M Y400 -Y599     |    M B789
     K250 -K929      |      Y842          |      C160 -C269
     M300 -M359      |    M Y880           |      C451
     M628            |                     |      C457
     N700 -N768      |     --- K560  ---    |      C474
     P77             |                     |      C480 -C488
     Q200 -Q249      |    M A000 -D489     |      C784 -C788
     Q410 -Q459      |    M E000 -E899     |    M C798
     Q790 -Q795      |    M G000 -G98      |    M C810 -C97
     Q999            |    M I00  -J989     |      E840 -E849
     R54             |    M K20  -K559     |      K500 -K519
   M R75             |      K560           |      K570
   M S000 -T876      |    M K561 -K929     |      K580 -K599
     T880 -T889      |    M L120 -L139     |      K909
   M T900 -T983      |    M L930           |      M300 -M319
     X40  -X49       |    M M000 -M1990    |      Q428 -Q439
   M Y400 -Y599      |    M M300 -M359     |      R54
     Y842            |    M N000 -N999     |
   M Y880            |    M P000 -Q079     |     --- K571   ---
                     |    M Q200 -Q289     |
    --- K559  ---    |    M Q390 -Q459     |      A1690
                     |      Q870 -Q878     |      A183
                     |    M Q900 -Q999     |    M A429
   M A000 -A182      |    M R75            |    M A500 -A539
     A183            |    M S000 -T983     |    M A546 -A548
   M A184 -A199      |      Y842           |    M B659
     A400 -A419      |    M Y883           |    M B789
   M A429            |                     |      C160 -C269
   M A500 -A539      |  --- K561 -K567  --- |      C451
   M B200 -B24       |                     |      C457
   M B659            |                     |      C474
   M B789            |      A000 -D489     |      C480 -C488
     C000 -D899      |      E000 -E899     |      C784 -C788
     E100 -E899      |      G000 -G98      |    M C798
     G35  -G3500     |      I00  -J989     |    M C810 -C97
     G810 -G839      |      K20  -K929     |      E840 -E849
     I010 -I519      |      L120 -L139     |      K500 -K519
     I630 -I839      |      L930           |      K571
     I870 -I99       |      M000 -M1990    |      K580 -K599
     K250 -K929      |      M300 -M359     |      K909
     M300 -M359      |      N000 -N999     |      M300 -M319
     M628            |    M P000 -P969     |      Q428 -Q439
     N700 -N768      |      Q000 -Q079     |      R54
     P77             |      Q200 -Q289     |
     Q200 -Q249      |      Q390 -Q459     |     --- K572   ---
     Q410 -Q459      |      Q870 -Q878     |
     Q790 -Q795      |      Q900 -Q999     |      A1690
     Q999            |      R75            |      A183
     R02             |      S000 -T983     |    M A429
   M R198        *   |      Y842           |    M A500 -A539
                     |    M Y883           |
```

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  --- K572 ---      |    --- K574 ---      |    --- K578  ---
     CONTINUED      |       CONTINUED      |       CONTINUED
M A546 -A548        |    C451             |    C784 -C788
M B659              |    C457             |  M C798
M B789              |    C474             |  M C810 -C97
   C160 -C269       |    C480 -C488       |    E840 -E849
   C451             |    C784 -C788       |    K500 -K519
   C457             |  M C798             |    K578
   C474             |  M C810 -C97        |    K580 -K599
   C480 -C488       |    E840 -E849       |    K909
   C784 -C788       |    K500 -K519       |    M300 -M319
M C798              |    K574             |    Q428 -Q439
M C810 -C97         |    K580 -K599       |    R54
   E840 -E849       |    K909             |
   K500 -K519       |    M300 -M319       |    --- K579  ---
   K572             |    Q428 -Q439       |
   K580 -K599       |    R54              |    A1690
   K909             |                     |    A183
   M300 -M319       |    --- K575  ---     |  M A429
   Q428 -Q439       |                     |  M A500 -A539
   R54              |    A1690            |  M A546 -A548
                    |    A183            |  M B659
  --- K573 ---      |  M A429            |  M B789
                    |  M A500 -A539      |    C160 -C269
   A1690            |  M A546 -A548      |    C451
   A183             |  M B659            |    C457
M A429              |  M B789            |    C474
M A500 -A539        |    C160 -C269      |    C480 -C488
M A546 -A548        |    C451            |    C784 -C788
M B659              |    C457            |  M C798
M B789              |    C474            |  M C810 -C97
   C160 -C269       |    C480 -C488      |    E840 -E849
   C451             |    C784 -C788      |    K500 -K519
   C457             |  M C798            |    K570 -K599
   C474             |  M C810 -C97       |    K909
   C480 -C488       |    E840 -E849      |    M300 -M319
   C784 -C788       |    K500 -K519      |    Q428 -Q439
M C798              |    K575            |    R54
M C810 -C97         |    K580 -K599      |
   E840 -E849       |    K909            |  --- K580 -K589  ---
   K500 -K519       |    M300 -M319      |
   K573             |    Q428 -Q439      |  M A000 -B99
   K580 -K599       |    R54             |    C150 -C269
   K909             |                    |  M C435
   M300 -M319       |    --- K578  ---    |  M C445
   Q428 -Q439       |                    |  M C457
   R54              |    A1690           |  M C463 -C467
                    |    A183           |    C474
  --- K574 ---      |  M A429           |    C480 -C488
                    |  M A500 -A539     |    C494
   A1690            |  M A546 -A548     |    C762
   A183             |  M B659           |    C772
M A429              |  M B789           |    C784 -C788
M A500 -A539        |    C160 -C269     |  M C792
M A546 -A548        |    C451           |  M C798
M B659              |    C457           |    C80
M B789              |    C474           |  M C810 -C97
   C160 -C269       |    C480 -C488     |    D001 -D019
```

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--- K580 -K589  --- | --- K591 -K599  --- | --- K600 -K602  ---
      CONTINUED       |       CONTINUED       |       CONTINUED
  M D035              |   M C435              |   M C463 -C467
  M D045              |   M C445              |     C475
    D099              |   M C457              |   M C495
    D120 -D139        |   M C463 -C467        |   M C763
    D175              |     C474              |     C775
  M D177              |     C480 -C488        |     C783
  M D180 -D181        |     C494              |   M C785
    D191              |     C762              |   M C792
  M D197              |     C772              |   M C798
    D200 -D201        |     C784 -C788        |     C80
    D214              |   M C792              |   M C810 -C97
  M D225              |   M C798              |     D011 -D013
  M D235              |     C80               |   M D035
    D369              |   M C810 -C97         |   M D045
    D371 -D379        |     D001 -D019        |   M D097
  M D481              |   M D035              |     D099
    D483 -D484        |   M D045              |     D127 -D129
  M D485              |     D099              |   M D177
  M D487              |     D120 -D139        |   M D180 -D181
    D489              |     D175              |   M D197
    E40  -E649        |   M D177              |     D215
    E840 -E849        |   M D180 -D181        |   M D225
    F100 -F199        |     D191              |   M D235
    F430 -F439        |   M D197              |     D369
    K350 -K929        |     D200 -D201        |     D375
    Q390 -Q459        |     D214              |   M D377
  M Q900 -Q999        |   M D225              |   M D481
    R75               |   M D235              |   M D485
    Y400 -Y849        |     D369              |     D489
                      |     D371 -D379        |     E840 -E849
   --- K590  ---      |   M D481              |     I840 -I849
                      |     D483 -D484        |     K590
                      |   M D485              |     K600 -K639
    A000 -D489        |   M D487              |     R75
    E000 -E899        |     D489              |
    G000 -G98         |     E40  -E649        | --- K603 -K605  ---
    I00  -J989        |     E840 -E849        |
    K20  -K929        |     F100 -F199        |
    L120 -L139        |     F430 -F439        |     A000 -A09
    L930              |     K350 -K929        |     A1690
    M000 -M1990       |     Q390 -Q459        |     A183
    M300 -M359        |   M Q900 -Q999        |   M A429
    N000 -N999        |     R75               |     B200 -B24
  M P000 -P969        |     Y400 -Y849        |     B650 -B839
    Q000 -Q079        |     Y880         *    |   M B908 -B909
    Q200 -Q289        |                       |   M B948
    Q390 -Q459        | --- K600 -K602  --- | |     C170 -C218
    Q900 -Q999        |                       |   M C435
    R75               |     A1690             |   M C445
    S000 -T983        |     A183              |   M C457
    Y400 -Y599   *    |   M A429              |   M C463 -C467
    Y880         *    |     B200 -B24         |     C475
                      |     C19  -C218        |   M C495
--- K591 -K599  --- |   M C435              |   M C763
                      |   M C445              |     C775
  M A000 -B99         |   M C457              |     C784 -C785
    C150 -C269        |                       |   M C792
```

```
--- K603 -K605  --- | --- K610 -K614  --- |  --- K621   ---
       CONTINUED     |       CONTINUED     |       CONTINUED
   M C798            |   M C810 -C97       |     B200 -B24
     C80             |     D002 -D014      |     E840 -E849
   M C810 -C97       |   M D035            |     K621
     D010 -D014      |   M D045            |     R75
   M D035            |   M D097            |
   M D045            |     D099            | --- K622 -K626   ---
   M D097            |     D120 -D129      |
     D099            |     D131 -D133      |   M A000 -C148
     D120 -D129      |   M D139            |     C150 -C269
     D132 -D133      |   M D177            |   M C300 -C783
   M D139            |   M D180 -D181      |     C784 -C788
   M D177            |   M D197            |   M C790 -C798
   M D180 -D181      |     D214 -D215      |     C80
   M D197            |   M D225            |   M C810 -D000
     D214 -D215      |   M D235            |     D001 -D019
   M D225            |     D369            |   M D020 -D119
   M D235            |     D371 -D375      |     D120 -D139
     D369            |   M D377            |   M D140 -D370
     D372 -D375      |   M D481            |     D371 -D379
   M D377            |   M D485            |   M D380 -D487
   M D481            |     D489            |     D489
   M D485            |     E106            |     E100 -E149
     D489            |     E116            |     E840 -E849
     E840 -E849      |     E126            |     I840 -I849
     I840 -I849      |     E136            |     I890 -I899
     K500 -K929      |     E146            |     K20  -K929
     R75             |     E840 -E849      |     N800 -N829
   M S300 -S399      |     I840 -I849      |     Q390 -Q459
     T810 -T819      |     I890 -I899      |   M Q900 -Q999
     T855            |     I972            |     R75
     T868            |     K250 -K289      |   M S300 -S399
   M T915 -T919      |     K500 -K639      |     T149
   M T983            |     K760 -K929      |     T182 -T189
     Y842            |     M000 -M359      |     T210 -T217
                     |     N000 -N999      |   M T282
--- K610 -K614  ---  |     R75             |   M T287
                     |   M S300 -S399      |     T66
     A1690           |     T360 -T509      |     Y632 -Y633
     A183            |     X40  -X45       |   M Y780 -Y788
     A400 -A419      |     X60  -X65       |     Y842
   M A429            |     X85             |     Y882 -Y883
   M A500 -A549      |     Y10  -Y15       |
     B200 -B24       |     Y842            |   --- K627   ---
     C160 -C218      |   M Y86  -Y872      |
   M C435            |                     |   M A429
   M C445            |   --- K620   ---    |     E840 -E849
   M C457            |                     |     K627
   M C463 -C467      |   M A429            |     T66
     C475            |     B200 -B24       |     Y632 -Y633
   M C495            |     E840 -E849      |   M Y780 -Y788
   M C763            |     K620            |     Y842
     C775            |     R75             |   M Y882 -Y883
   M C784 -C788      |                     |
   M C792            |   --- K621   ---    | --- K628 -K629   ---
   M C798            |                     |
     C80             |   M A429            |   M A000 -C148
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--- K628 -K629  --- |    --- K635  ---    | --- K650 -K658   ---
     CONTINUED       |      CONTINUED      |      CONTINUED
     C150 -C269      |    R75              |   M C798
  M C300 -C783       |                     |     C80
     C784 -C788      | --- K638 -K639  --- |   M C810 -C97
  M C790 -C798       |                     |     D000 -D024
     C80             |     A000 -Q999      |   M D035
  M C810 -D000       |     R060 -R090      |   M D038
     D001 -D019      |     R092            |     D039
  M D020 -D119       |   M R100 -R104      |   M D045
     D120 -D139      |     R11             |   M D048
  M D140 -D370       |   M R12  -R198      |     D060 -D091
     D371 -D379      |     R53  -R54       |   M D097
  M D380 -D487       |     R628 -R64       |     D099 -D139
     D489            |   M R700 -R799      |     D141 -D159
     E100 -E149      |   M R826            |   M D171
     E840 -E849      |   M R893            |     D174 -D176
     I840 -I849      |   M S000 -T983      |   M D177
     I890 -I899      |     V010 -Y899      |     D179
     K20  -K929      |                     |   M D180 -D181
     N800 -N829      | --- K650 -K658  --- |     D191 -D197
     Q390 -Q459      |                     |     D200 -D201
  M Q900 -Q999       |     A000 -A09       |     D213 -D215
     R75             |     A1690           |   M D216
  M S300 -S399       |     A181            |   M D225
     T149            |     A183            |     D229
     T182 -T189      |     A210 -A219      |   M D235
     T210 -T217      |     A360 -A369      |     D250 -D309
  M T282             |     A400 -A439      |     D350
  M T287             |   M A500 -A549      |   M D360 -D369
     T66             |     A749            |     D370 -D419
     Y632 -Y633      |     B150 -B24       |     D441
  M Y780 -Y788       |     B470 -B479      |     D481
     Y842            |     B650 -B839      |     D483 -D484
     Y882 -Y883      |     B942            |   M D485
                     |     C000 -C269      |   M D487
--- K630 -K634  --- |     C320 -C399      |     D489
                     |   M C435            |     D730 -D739
     A000 -Q999      |     C439            |     D841
     R060 -R090      |   M C445            |     E100 -E169
     R092            |     C450            |     E250 -E279
  M R100 -R104       |     C452            |     E760 -E769
     R11             |   M C457            |     E790 -E799
  M R12  -R198       |     C459            |     E802
     R53  -R54       |   M C463 -C467      |     E804 -E806
     R628 -R64       |     C473 -C475      |     E840 -E859
  M R700 -R799       |   M C476            |     E880
  M R826             |     C480 -C488      |     E888 -E889
  M R893             |     C493 -C494      |     F100 -F109
  M S000 -T983       |   M C498            |     I00  -I019
     V010 -Y899      |     C499            |     I330
                     |     C510 -C689      |     I710 -I719
    --- K635  ---    |     C740 -C749      |   M I730 -I739
                     |     C761 -C763      |     I776
     B200 -B24       |   M C768            |     I81
     D126            |     C771 -C772      |     K20  -K929
     E840 -E849      |     C780 -C791      |     L010 -L011
     K635            |   M C792            |     M320 -M329
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--- K650 -K658  --- |    --- K659  ---    |    --- K659  ---
     CONTINUED       |      CONTINUED      |      CONTINUED
     N000 -N459      |    C450             |    E250 -E279
     N700 -N889      |    C452             |    E760 -E769
  M  P140 -P149      |  M C457             |    E790 -E799
     P150 -P151      |    C459             |    E802
     P155 -P159      |  M C463 -C467       |    E804 -E806
     P350 -P399      |    C473 -C475       |    E840 -E859
     P510 -P519      |  M C476             |    E880
     P53  -P789      |    C480 -C488       |    E888 -E889
     P920 -P93       |    C493 -C494       |    F100 -F109
     Q380 -Q559      |  M C498             |    I00  -I019
     Q600 -Q649      |    C499             |    I330
     Q790 -Q795      |    C510 -C689       |    I710 -I719
     Q900 -Q999      |    C740 -C749       |  M I730 -I739
     R18             |    C761 -C763       |    I776
     R58  -R5800     |  M C768             |    I81
     R75             |    C771 -C772       |    K20  -K929
  M  R98             |    C780 -C791       |    L010 -L011
     S300 -S399      |  M C792             |    M320 -M329
     T07             |  M C798             |    N000 -N459
     T090 -T099      |    C80              |    N700 -N889
     T149            |  M C810 -C97        |  M P140 -P149
     T180 -T199      |    D000 -D024       |    P150 -P151
     T210 -T217      |  M D035             |    P155 -P159
     T280 -T329      |  M D038             |    P350 -P399
     T342            |    D039             |    P510 -P519
     T352            |  M D045             |    P53  -P789
     T360 -T66       |  M D048             |    P920 -P93
  M  T670 -T889      |    D060 -D091       |    Q380 -Q559
     T912            |  M D097             |    Q600 -Q649
     T915 -T919      |    D099 -D139       |    Q790 -Q795
     T941            |    D141 -D159       |    Q900 -Q999
     T951            |  M D171             |    R18
     T954 -T97       |    D174 -D176       |    R198
  M  T980 -T983      |  M D177             |    R58  -R5800
     V010 -Y899      |    D179             |    R75
                     |  M D180 -D181       |  M R98
    --- K659  ---    |    D191 -D197       |    S300 -S399
                     |    D200 -D201       |    T07
                     |    D213 -D215       |    T090 -T099
     A000 -A09       |  M D216             |    T149
     A1690           |  M D225             |    T180 -T199
     A181            |    D229             |    T210 -T217
     A183            |  M D235             |    T280 -T329
     A210 -A219      |    D250 -D309       |    T342
     A360 -A369      |    D350             |    T352
     A400 -A439      |  M D360 -D369       |    T360 -T66
  M  A500 -A549      |    D370 -D419       |  M T670 -T889
     A749            |    D441             |    T912
     B150 -B24       |    D481             |    T915 -T919
     B470 -B479      |    D483 -D484       |    T941
     B650 -B839      |  M D485             |    T951
     B942            |  M D487             |    T954 -T97
     C000 -C269      |    D489             |  M T980 -T983
     C320 -C399      |    D730 -D739       |    V010 -Y899
  M  C435            |    D841             |
     C439            |    E100 -E169       |
  M  C445            |                     |
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                          TABLE D
      CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


   --- K660  ---      |    --- K661  ---     |   --- K668 -K669   ---
                      |       CONTINUED      |       CONTINUED
     A000 -A09        |     K20  -K929       |   M P158
     A1690            |     L930 -L932       |     P159
     A183             |     M300 -M359       |     P393
     A200 -D489       |     M726 -M729    *  |     P60
     E840 -E849       |     N000 -N459       |     Q270 -Q279
     I710 -I719       |     N481 -N482       |     Q380 -Q649
 M   I728             |     N485 -N489       |     Q900 -Q999
     I729             |     N700 -N909       |     R75
     K20  -K929       |     P150 -P151       |     S300 -S399
     L930 -L932       |     P155 -P156       |     T07
     M300 -M359       |   M P158             |     T090 -T099
     N000 -N459       |     P159             |     T140 -T149
     N481 -N482       |     P393             |     T180 -T199
     N485 -N489       |     P60              |     T210 -T217
     N700 -N909       |     Q270 -Q279       |     T280 -T329
     P150 -P151       |     Q380 -Q649       |     T342
     P155 -P156       |     Q900 -Q999       |     T352
 M   P158             |     R75              |     T360 -T66
     P159             |     S300 -S399       |   M T670 -T889
     P393             |     T07              |     T912
     P60              |     T090 -T099       |     T915 -T919
     Q270 -Q279       |     T140 -T149       |     T941
     Q380 -Q649       |     T180 -T199       |     T951
     Q900 -Q999       |     T210 -T217       |     T954 -T97
     R75              |     T280 -T329       |   M T980 -T983
     S300 -S399       |     T342             |     V010 -Y899
     T07              |     T352             |
     T090 -T099       |     T360 -T66        |   --- K700 -K709   ---
     T140 -T149       |   M T670 -T889       |
     T180 -T199       |     T912             |
     T210 -T217       |     T915 -T919       |     F100 -F109
     T280 -T329       |     T941             |     K700 -K709
     T342             |     T951             |     R780
     T352             |     T954 -T97        |   M R826
     T360 -T66        |   M T980 -T983       |   M R893
 M   T670 -T889       |     V010 -Y899       |
     T912             |                      |
     T915 -T919       | --- K668 -K669   --- |    --- K710   ---
     T941             |                      |
     T951             |     A000 -A09        |   M A000 -B99
     T954 -T97        |     A1690            |     C000 -D899
 M   T980 -T983       |     A183             |   M E018
     V010 -Y899       |     A200 -D489       |     E02  -E0390
                      |     E840 -E849       |     E050 -E059
   --- K661   ---     |     I710 -I719       |     E100 -E149
                      |   M I728             |     E40  -E899
     A000 -A09        |     I729             |     F100 -F169
     A1690            |     K20  -K929       |     F180 -F199
     A183             |     L930 -L932       |     G710 -G729
     A200 -D489       |     M300 -M359       |     G937
     D65  -D699       |     N000 -N459       |     I10
     E840 -E849       |     N481 -N482       |     I740 -I749
     I710 -I719       |     N485 -N489       |     I81  -I820
 M   I728             |     N700 -N909       |     K30  -K929
     I729             |     P150 -P151       |     M320 -M329
 M   I770 -I779       |     P155 -P156       |     P550 -P579
                      |                      |     Q390 -Q459
                      |                      |   M Q900 -Q999
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   --- K710  ---     |    --- K714  ---     |    --- K716  ---
      CONTINUED      |       CONTINUED      |       CONTINUED
     R75             |      E840            |      V010 -Y899
     R780            |      E849            |
  M  R826            |      K714            |    --- K717  ---
  M  R893            |                      |
     S300 -S399      |    --- K715  ---     |      B059
     T07             |                      |      B572
     T090 -T099      |      B059            |      B779
     T140 -T149      |      B572            |      E840
     T180 -T199      |      B779            |      E849
     T210 -T217      |      E840            |      K717
     T280 -T329      |      E849            |
     T342            |      K715            |    --- K718  ---
     T352            |                      |
     T360 -T66       |    --- K716  ---     |      B059
  M  T670 -T889      |                      |      B572
     T912            |  M  A000 -B99        |      B779
     T915            |     C000 -D899       |      E840
  M  T918 -T919      |  M  E018            |      E849
  M  T941            |     E02  -E0390      |      K718
     T951            |     E050 -E059       |
     T954 -T959      |     E100 -E149       |    --- K719  ---
  M  T980 -T983      |     E40  -E899       |
     V010 -Y899      |     F100 -F169       |  M  A000 -B99
                     |     F180 -F199       |     C000 -D899
   --- K711  ---     |     G710 -G729       |  M  E018
                     |     G937             |     E02  -E0390
     B059            |     I10              |     E050 -E059
     B572            |     I740 -I749       |     E100 -E149
     B779            |     I81  -I820       |     E40  -E899
     E840            |     K30  -K929       |     F100 -F169
     E849            |     M320 -M329       |     F180 -F199
     K711            |     P550 -P579       |     G710 -G729
                     |     Q390 -Q459       |     G937
   --- K712  ---     |  M  Q900 -Q999       |     I10
                     |     R75              |     I740 -I749
     B059            |     R780             |     I81  -I820
     B572            |  M  R826             |     K30  -K929
     B779            |  M  R893             |     M320 -M329
     E840            |     S300 -S399       |     P550 -P579
     E849            |     T07              |     Q390 -Q459
     K712            |     T090 -T099       |  M  Q900 -Q999
                     |     T140 -T149       |     R75
   --- K713  ---     |     T180 -T199       |     R780
                     |     T210 -T217       |  M  R826
     B059            |     T280 -T329       |  M  R893
     B572            |     T342            |     S300 -S399
     B779            |     T352            |     T07
     E840            |     T360 -T66        |     T090 -T099
     E849            |  M  T670 -T889       |     T140 -T149
     K713            |     T912            |     T180 -T199
                     |     T915            |     T210 -T217
   --- K714  ---     |  M  T918 -T919       |     T280 -T329
                     |  M  T941            |     T342
     B059            |     T951            |     T352
     B572            |     T954 -T959       |     T360 -T66
     B779            |  M  T980 -T983       |  M  T670 -T889
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                              TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


    --- K719  ---     |     --- K7200 ---    |     --- K721   ---
      CONTINUED       |       CONTINUED      |       CONTINUED
      T912            |     I10  -K929       |     T140 -T149
      T915            |     M000 -M1990      |     T180 -T199
  M   T918 -T919      |     M300 -M359       |     T210 -T217
  M   T941            |   M M628            |     T280 -T329
      T951            |     M720 -M729       |     T342
      T954 -T959      |     N000 -N999       |     T352
  M   T980 -T983      |     P000 -Q999       |     T360 -T66
      V010 -Y899      |     R02             |   M T670 -T889
                      |     R18             |     T912
    --- K720  ---     |     R64             |     T915
                      |     R75             |   M T918 -T919
      A000 -E899      |     R780            |   M T941
      F100 -F169      |   M R826            |     T951
      F180 -F199      |   M R893            |     T954 -Y899
      G000 -G129      |     S300 -S399      |
      G35  -G379      |     T07             |     --- K7210 ---
      G937            |     T090 -T099      |
      I10  -K929      |     T140 -T149      |     A000 -E899
      M000 -M1990     |     T180 -T199      |     F100 -F169
      M300 -M359      |     T210 -T217      |     F180 -F199
      M720 -M729      |     T280 -T329      |     G000 -G129
      N000 -N999      |     T342           |     G35  -G379
      P000 -Q999      |     T352           |     G937
      R02            |     T360 -T66       |     I10  -K929
      R18            |   M T670 -T889      |     M000 -M1990
      R64            |     T912           |     M300 -M359
      R75            |     T915           |   M M628
      R780           |   M T918 -T919     |     M720 -M729
  M   R826            |   M T941           |     N000 -N999
  M   R893            |     T951           |     P000 -Q999
      S300 -S399      |     T954 -Y899      |     R02
      T07             |                     |     R18
      T090 -T099      |     --- K721   ---   |     R64
      T140 -T149      |                     |     R75
      T180 -T199      |     A000 -E899      |     R780
      T210 -T217      |     F100 -F169      |   M R826
      T280 -T329      |     F180 -F199      |   M R893
      T342           |     G000 -G129      |     S300 -S399
      T352           |     G35  -G379      |     T07
      T360 -T66       |     G937           |     T090 -T099
  M   T670 -T889      |     I10  -K929      |     T140 -T149
      T912           |     M000 -M1990     |     T180 -T199
      T915           |     M300 -M359      |     T210 -T217
  M   T918 -T919      |     M720 -M729     |     T280 -T329
  M   T941            |     N000 -N999     |     T342
      T951           |     P000 -Q999     |     T352
      T954 -Y899      |     R02            |     T360 -T66
                      |     R18            |   M T670 -T889
    --- K7200 ---     |     R64            |     T912
                      |     R75            |     T915
      A000 -E899      |     R780           |   M T918 -T919
      F100 -F169      |   M R826           |   M T941
      F180 -F199      |   M R893           |     T951
      G000 -G129      |     S300 -S399     |     T954 -Y899
      G35  -G379      |     T07            |
      G937           |     T090 -T099     |

                         D-253   (10-04)
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   --- K729  ---     |   --- K7290 ---    |   --- K742   ---
                     |      CONTINUED     |
     A000 -E899      |     R780           |      B059
     F100 -F169      |   M R826           |      B572
     F180 -F199      |   M R893           |      B779
     G000 -G129      |     S300 -S399     |      E840
     G35  -G379      |     T07            |      E849
     G937            |     T090 -T099     |      K719
     I10  -K929      |     T140 -T149     |      K742
     M000 -M1990     |     T180 -T199     |
     M300 -M359      |     T210 -T217     |    --- K743  ---
     M720 -M729      |     T280 -T329     |
     N000 -N999      |     T342           |    M A429
     P000 -Q999      |     T352           |      E840 -E849
     R02             |     T360 -T66      |      K743
     R18             |   M T670 -T889     |
     R64             |     T912           |  --- K744 -K745   ---
     R75             |     T915           |
     R780            |   M T918 -T919     |    M A000 -B99
   M R826            |   M T941           |      C000 -D539
   M R893            |     T951           |      D730 -D739
     S300 -S399      |     T954 -Y899     |      E02  -E0390
     T07             |                    |      E100 -E149
     T090 -T099      |  --- K730 -K741  --- |    E500 -E849
     T140 -T149      |                    |      F100 -F169
     T180 -T199      |   M A000 -B99      |      F180 -F199
     T210 -T217      |     C000 -D539     |      I050 -I099
     T280 -T329      |     D730 -D739     |      I110 -I119
     T342            |     E02  -E0390    |      I130 -I519
     T352            |     E100 -E149     |      I81
     T360 -T66       |     E500 -E849     |      K500 -K519
   M T670 -T889      |     F100 -F169     |      K630 -K639
     T912            |     F180 -F199     |      K700 -K718
     T915            |     I050 -I099     |      K730 -K760
   M T918 -T919      |     I110 -I119     |    M K761
   M T941            |     I130 -I519     |      K763
     T951            |     I81            |      K768 -K909
     T954 -Y899      |     K500 -K519     |      Q410 -Q459
                     |     K630 -K639     |      Q900 -Q999
    --- K7290 ---    |     K700 -K718     |      R75
                     |     K730 -K760     |      R780
     A000 -E899      |   M K761           |    M R826
     F100 -F169      |     K763           |    M R893
     F180 -F199      |     K768 -K909     |      T360 -T659
     G000 -G129      |     Q410 -Q459     |      X40  -X49
     G35  -G379      |     Q900 -Q999     |      Y400 -Y599
     G937            |     R75            |      Y640
     I10  -K929      |     R780           |      Y86
     M000 -M1990     |   M R826           |      Y880
     M300 -M359      |   M R893           |    M Y881
   M M628            |     T360 -T659     |
     M720 -M729      |     X40  -X49      |    --- K746  ---
     N000 -N999      |     Y400 -Y599     |
     P000 -Q999      |     Y640           |    M A000 -B99
     R02             |     Y86            |      C000 -D539
     R18             |     Y880           |      D730 -D739
     R64             |   M Y881           |      E02  -E0390
     R75             |                    |      E100 -E149
```

```
   --- K746  ---     |    --- K750  ---     |    --- K753  ---
     CONTINUED       |      CONTINUED       |
     E500 -E519      |      K700 -K718      |    M A000 -B99
M E52               |       K730 -K760      |      C000 -D539
     E530 -E849      |    M K761            |      D730 -D739
M F100 -F109         |      K763            |      D869
     F110 -F169      |      K768 -K909      |      E02  -E0390
     F180 -F199      |      Q410 -Q459      |      E100 -E149
     I050 -I099      |      Q900 -Q999      |      E500 -E849
     I110 -I119      |      R75             |      F100 -F169
     I130 -I4250     |      R780            |      F180 -F199
M I426               |    M R826            |      I050 -I099
     I427 -I519      |    M R893            |      I110 -I119
     I81             |      T360 -T659      |      I130 -I519
     K500 -K519      |      X40  -X49       |      I81
     K630 -K639      |      Y400 -Y599      |      K500 -K519
M K700 -K709         |      Y640            |      K630 -K639
     K710 -K718      |      Y86             |      K700 -K718
     K730 -K760      |      Y880            |      K730 -K760
M K761               |    M Y881            |    M K761
     K763            |                      |      K763
     K768 -K85       |  --- K751 -K752  --- |      K768 -K909
M K860               |                      |      Q410 -Q459
     K861 -K909      |    M A000 -B99       |      Q900 -Q999
     Q410 -Q459      |      C000 -D539      |      R75
     Q900 -Q999      |      D730 -D739      |      R780
     R75             |      E02  -E0390     |    M R826
M R780               |      E100 -E149      |    M R893
     T360 -T509      |      E500 -E849      |      T360 -T659
M T510 -T519         |      F100 -F169      |      X40  -X49
     T520 -T659      |      F180 -F199      |      Y400 -Y599
     X40  -X44       |      I050 -I099      |      Y640
M X45                |      I110 -I119      |      Y86
     X46  -X49       |      I130 -I519      |      Y880
     Y400 -Y572      |      I81             |    M Y881
M Y573               |      K500 -K519      |
     Y574 -Y599      |      K630 -K639      |  --- K754 -K760  ---
     Y640            |      K700 -K718      |
     Y86             |      K730 -K760      |    M A000 -B99
     Y880            |    M K761            |      C000 -D539
M Y881               |      K763            |      D730 -D739
                     |      K768 -K909      |      E02  -E0390
   --- K750  ---     |      Q410 -Q459      |      E100 -E149
                     |      Q900 -Q999      |      E500 -E849
M A000 -B99          |      R75             |      F100 -F169
     C000 -D539      |      R780            |      F180 -F199
     D730 -D739      |    M R826            |      I050 -I099
     E02  -E0390     |    M R893            |      I110 -I119
     E100 -E149      |      T360 -T659      |      I130 -I519
     E500 -E849      |      X40  -X49       |      I81
     F100 -F169      |      Y400 -Y599      |      K500 -K519
     F180 -F199      |      Y640            |      K630 -K639
     I050 -I099      |      Y86             |      K700 -K718
     I110 -I119      |      Y880            |      K730 -K760
     I130 -I519      |    M Y881            |    M K761
     I81             |                      |      K763
     K500 -K519      |                      |      K768 -K909
     K630 -K659      |                      |      Q410 -Q459
```

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                          TABLE D
       CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

--- K754 -K760  --- |    --- K762  ---   |   --- K763  ---
      CONTINUED      |       CONTINUED    |       CONTINUED
      Q900 -Q999     |      F100 -F169    |      K730 -K760
      R75            |      F180 -F199    |    M K761
      R780           |      I10           |      K763
    M R826           |      I740 -I749    |      K768 -K909
    M R893           |      I81           |      P550 -P599
      T360 -T659     |      K20  -K519    |      Q410 -Q459
      X40  -X49      |      K630 -K639    |      Q900 -Q999
      Y400 -Y599     |      K700 -K718    |      R75
      Y640           |      K730 -K760    |      R780
      Y86            |    M K761          |    M R826
      Y880           |      K762 -K763    |    M R893
    M Y881           |      K768 -K909    |      S300 -S399
                     |      P550 -P599    |      T07
    --- K761  ---    |      Q410 -Q459    |      T090 -T099
                     |      Q900 -Q999    |      T140 -T149
    M A000 -B99      |      R75           |      T180 -T199
      C000 -D539     |      R780          |      T210 -T217
      D730 -D739     |    M R826          |      T280 -T329
      E02  -E0390    |    M R893          |      T342
      E100 -E149     |      S300 -S399    |      T352
      E500 -E849     |      T07           |      T360 -T66
      F100 -F169     |      T090 -T099    |    M T670 -T889
      F180 -F199     |      T140 -T149    |      T912
      I050 -I099     |      T180 -T199    |      T915
      I110 -I119     |      T210 -T217    |    M T918 -T919
      I130 -I519     |      T280 -T329    |    M T941
      I81            |      T342          |      T951
      K500 -K519     |      T352          |      T954 -T959
      K630 -K639     |      T360 -T66     |    M T980 -T983
      K700 -K718     |    M T670 -T889    |      V010 -Y899
      K730 -K761     |      T912          |
      K763           |      T915          |    --- K764  ---
      K768 -K909     |    M T918 -T919    |
      Q410 -Q459     |    M T941          |    M A000 -B99
      Q900 -Q999     |      T951          |      C000 -D539
      R75            |      T954 -T959    |      D730 -D739
      R780           |    M T980 -T983    |      E02  -E0390
    M R826           |      V010 -Y899    |      E050 -E059
    M R893           |                    |      E100 -E149
      T360 -T659     |    --- K763  ---   |      E500 -E849
      X40  -X49      |                    |      F100 -F169
      Y400 -Y599     |    M A000 -B99     |      F180 -F199
      Y640           |      C000 -D539    |      I10
      Y86            |      D730 -D739    |      I740 -I749
      Y880           |      E02  -E0390   |      I81
    M Y881           |      E050 -E059    |      K20  -K519
                     |      E100 -E149    |      K630 -K639
    --- K762  ---    |      E500 -E849    |      K700 -K718
                     |      F100 -F169    |      K730 -K760
    M A000 -B99      |      F180 -F199    |    M K761
      C000 -D539     |      I10           |      K763 -K764
      D730 -D739     |      I740 -I749    |      K768 -K909
      E02  -E0390    |      I81           |      P550 -P599
      E050 -E059     |      K20  -K519    |      Q410 -Q459
      E100 -E149     |      K630 -K639    |      Q900 -Q999
      E500 -E849     |      K700 -K718    |      R75
```

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   --- K764  ---        |     --- K765  ---        |     --- K767   ---
      CONTINUED          |        CONTINUED         |
      R780               |        T180 -T199        |      A000 -E899
 M    R826               |        T210 -T217        |      F100 -F199
 M    R893               |        T280 -T329        |      G000 -G979
      S300 -S399         |        T342              |      I00  -I99
      T07                |        T352              | M    J00  -J989
      T090 -T099         |        T360 -T66         |      K20  -K929
      T140 -T149         | M      T670 -T889        |      M000 -M1990
      T180 -T199         |        T912              |      M300 -M359
      T210 -T217         |        T915              |      N000 -N999
      T280 -T329         | M      T918 -T919        |      Q000 -Q999
      T342               | M      T941              |      R02
      T352               |        T951              |      R18
      T360 -T66          |        T954 -T959        |      R570 -R579
 M    T670 -T889         | M      T980 -T983        |      R75
      T912               |        V010 -Y899        |      R780
      T915               |                          |      R788
 M    T918 -T919         |     --- K766   ---       | M    R826
 M    T941               |                          | M    R893
      T951               | M    A000 -B99           |      S000 -Y899
      T954 -T959         |      C000 -D539          |
 M    T980 -T983         |      D595 -D596          |     --- K768   ---
      V010 -Y899         |      D695 -D696          |
                         |      D730 -D739          |      A000 -E899
   --- K765  ---         |      E02  -E0390         |      F100 -F199
                         |      E100 -E149          |      G000 -G979
 M    A000 -B99          |      E500 -E849          |      I00  -I99
      C000 -D539         |      F100 -F169          |      K20  -K929
      D730 -D739         |      F180 -F199          |      M000 -M1990
      E02  -E0390        |      I050 -I099          |      M300 -M359
      E050 -E059         |      I110 -I119          |      N000 -N999
      E100 -E149         |      I130 -I519          |      Q000 -Q999
      E500 -E849         |      I81                 |      R02
      F100 -F169         |      K500 -K519          |      R18
      F180 -F199         |      K630 -K639          |      R570 -R579
      I10                |      K700 -K718          |      R75
      I740 -I749         |      K730 -K760          |      R780
      I81                | M    K761               |      R788
      K20  -K519         |      K763               | M    R826
      K630 -K639         |      K766               | M    R893
      K700 -K718         |      K768 -K909          |      S000 -Y899
      K730 -K760         |      Q410 -Q459          |
 M    K761               |      Q900 -Q999          |     --- K769   ---
      K763               |      R75                 |
      K765               |      R780               | M    A000 -B99
      K768 -K909         | M    R826               |      C000 -D539
      P550 -P599         | M    R893               |      D730 -D739
      Q410 -Q459         |      T360 -T659          |      E02  -E0390
      Q900 -Q999         |      X40  -X49           |      E100 -E149
      R75                |      Y400 -Y599          |      E500 -E849
      R780               |      Y640               |      F100 -F169
 M    R826               |      Y86                 |      F180 -F199
 M    R893               |      Y880               |      I050 -I099
      S300 -S399         | M    Y881               |      I110 -I119
      T07                |                          |      I130 -I519
      T090 -T099         |                          |      I81
      T140 -T149         |                          |      K500 -K519
                         |                          |
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

--- K769 ---	--- K810 -K819 ---	--- K85 ---
CONTINUED	CONTINUED	CONTINUED
K630 -K639	I770 -I779	T140 -T149
K700 -K718	K700 -K869	T180 -T199
K730 -K760	M300 -M319	T210 -T217
M K761	Q440 -Q453	T280 -T329
K763 -K909	R75	T342
Q410 -Q459		T352
Q900 -Q999	--- K820 -K839 ---	T360 -T66
R75		M T670 -T889
R780	A010 -A029	T912
M R826	M A429	T915
M R893	M A500 -A539	M T918 -T919
T360 -T659	B150 -B24	M T941
X40 -X49	M B250 -B99	T951
Y400 -Y599	C000 -D489	T954 -T959
Y640	E840 -E849	M T980 -T983
Y86	I770 -I779	V010 -Y899
Y880	K700 -K869	
M Y881	M300 -M319	--- K860 ---
	Q440 -Q453	
--- K800 -K808 ---	Q900 -Q999	M A429
	R75	B200 -B24
M A429	T66	E52
C23 -C249	Y632 -Y633	F100 -F109
M C788	M Y780 -Y788	G312
D550 -D599	Y842	G405
E65 -E669	M Y882 -Y883	G621
E750 -E756		G721
E770 -E771	--- K85 ---	I426
E780 -E789		K700 -K709
E804 -E806	M A000 -B99	K860
E840 -E849	C000 -D489	L278
E881 -E888	D730 -D739	R75
K700 -K719	E100 -E149	T510 -T519
M K720 -K7290	E210 -E213	X45
K730 -K839	E250 -E279	X65
	E40 -E859	X85
--- K810 -K819 ---	F100 -F109	Y15
	I210 -I229	M Y86 -Y872
A010 -A029	M I708	
M A429	M I748	--- K861 ---
B150 -B24	I770 -I779	
C220 -C259	I81	M A000 -B99
C787 -C788	M I99	C000 -D489
C80	K250 -K299	D730 -D739
M C97	K350 -K37	E100 -E149
D015	M K638	E210 -E213
M D017	K700 -K869	E250 -E279
D134 -D137	M300 -M329	E40 -E859
D376	Q440 -Q453	F100 -F109
M D377	R75	I210 -I229
E100 -E149	R780	M I708
E750 -E756	M R826	M I748
E770 -E771	M R893	I770 -I779
E780 -E789	S300 -S399	I81
E840 -E849	T07	M I99
E881 -E888	T090 -T099	K250 -K299

```
                                    TABLE D
                CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


     --- K861  ---      |  --- K862 -K869  ---  |     --- K903   ---
        CONTINUED       |       CONTINUED       |       CONTINUED
   M K638               |      T180 -T199       |      C150 -C269
     K700 -K869         |      T210 -T217       |   M C435
     M300 -M329         |      T280 -T329       |   M C445
     Q440 -Q453         |      T342             |   M C457
     R75                |      T352             |   M C463 -C467
     R780               |      T360 -T66        |   M C474
   M R826               |   M T670 -T889        |     C480 -C488
   M R893               |      T912             |     C494
     S300 -S399         |      T915             |     C762
     T07                |   M T918 -T919        |     C772
     T090 -T099         |   M T941             |      C784 -C788
     T140 -T149         |      T951             |     C792
     T180 -T199         |      T954 -T959       |   M C798 -C97
     T210 -T217         |   M T980 -T983        |     D001 -D019
     T280 -T329         |      V010 -Y899       |   M D035
     T342               |                       |   M D045
     T352               |                       |     D099
     T360 -T66          |      --- K900   ---   |     D120 -D139
   M T670 -T889         |                       |     D175
     T912               |   M A429              |   M D177
     T915               |     B659              |   M D180 -D181
   M T918 -T919         |     B789              |     D191
   M T941               |     E840 -E849        |   M D197
     T951               |     K900              |     D200 -D201
     T954 -T959         |                       |     D214
   M T980 -T983         |      --- K901   ---   |   M D225
     V010 -Y899         |                       |   M D235
                        |   M A429              |     D369
                        |     B659              |     D371 -D379
  --- K862 -K869   ---  |     B789              |   M D481
                        |     E840 -E849        |     D483 -D484
                        |     K901              |   M D485
   M A000 -B99          |                       |   M D487
     C000 -D489         |      --- K902   ---   |     D489
     D730 -D739         |                       |     D800 -E279
     E100 -E149         |     A1690             |     E310 -E319
     E210 -E213         |   M A183              |     E340 -E349
     E250 -E279         |   M A429              |     E700 -E889
     E40  -E859         |     B659              |     I311
     F100 -F109         |     B789              |     K903
     I210 -I229         |     E840 -E849        |     R75
   M I708               |     K316              |
     I770 -I779         |     K520 -K579        |  --- K904 -K909   ---
     I81                |     K598              |
   M I99                |     K632              |
     K250 -K299         |     K902              |   M A000 -B99
   M K638               |     Q793              |     C150 -C269
     K700 -K869         |     T66               |   M C435
     M300 -M329         |   M T940 -T941        |   M C445
     Q440 -Q453         |     Y632 -Y633        |   M C457
     R75                |   M Y780 -Y788        |   M C463 -C467
     R780               |     Y842              |   M C474
   M R826               |   M Y882 -Y883        |     C480 -C488
   M R893               |                       |     C494
     S300 -S399         |      --- K903   ---   |     C762
     T07                |                       |     C772
     T090 -T099         |   M A000 -B99         |     C784 -C788
     T140 -T149         |                       |

                              D-259   (10-04)
```

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--- K904 -K909  --- |    --- K910  ---     |    --- K915   ---
        CONTINUED    |        CONTINUED     |
        C792         |  M Y836 -Y839        |   M A429
  M C798 -C97        |  M Y883              |     K915
        D001 -D019   |                      |     Y836
  M D035             |    --- K911  ---      |   M Y883
  M D045             |                      |
        D099         |  M A429              |    --- K918  ---
        D120 -D139   |    K911              |
        D175         |    Y712 -Y713        |   M A429
  M D177             |    Y722 -Y723        |     K918
  M D180 -D181       |    Y732 -Y733        |     Y600 -Y849
        D191         |    Y752 -Y753        |     Y881
  M D197             |    Y762 -Y763        |     Y883
        D200 -D201   |    Y772 -Y773        |
        D214         |    Y792 -Y793        |    --- K919  ---
  M D225             |    Y812 -Y813        |
  M D235             |  M Y830 -Y834        |   M A429
        D369         |  M Y836 -Y839        |     K919
        D371 -D379   |  M Y883              |     Y600 -Y849
  M D481             |                      |     Y881
        D483 -D484   |    --- K912  ---      |     Y883
  M D485             |                      |
  M D487             |  M A429              |  --- K920 -K929  ---
        D489         |    K912              |
        D800 -E279   |    Y712 -Y713        |     A000 -Q999
        E310 -E319   |    Y722 -Y723        |     R75
        E340 -E349   |    Y732 -Y733        |     S000 -Y899
        E700 -E889   |    Y752 -Y753        |
        I311         |    Y762 -Y763        |    --- L00   ---
        I770 -I779   |    Y772 -Y773        |
        I890 -I899   |    Y792 -Y793        |   M A429
        K20  -K929   |    Y812 -Y813        |   M A439
        M300 -M359   |  M Y830 -Y834        |   M A679
        P591         |  M Y836 -Y839        |     B200 -B24
        Q410 -Q459   |  M Y883              |     B389
        Q790 -Q795   |                      |   M B789
        R75          |    --- K913  ---      |     E669
        S000 -T983   |                      |     L00
        Y400 -Y599   |  M A429              |     M320 -M359
        Y632 -Y633   |    K913              |     R75
  M Y780 -Y788       |    Y712 -Y713        |     T887
        Y842         |    Y722 -Y723        |
  M Y882 -Y883       |    Y732 -Y733        |  --- L010 -L011  ---
                     |    Y752 -Y753        |
    --- K910  ---    |    Y762 -Y763        |   M A429
                     |    Y772 -Y773        |   M A439
  M A429             |    Y792 -Y793        |   M A679
    K910             |    Y812 -Y813        |     B200 -B24
    Y712 -Y713       |    Y830 -Y839        |     B389
    Y722 -Y723       |  M Y883              |   M B789
    Y732 -Y733       |                      |     L010 -L011
    Y752 -Y753       |    --- K914  ---      |     R75
    Y762 -Y763       |                      |   M S000 -Y899
    Y772 -Y773       |  M A429              |
    Y792 -Y793       |    K914              |  --- L020 -L049  ---
    Y812 -Y813       |  M Y833              |
  M Y830 -Y834       |  M Y883              |     A000 -P049
```

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                              TABLE D
         CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


--- L020 -L049  --- |    --- L101  ---    |    --- L105  ---
      CONTINUED      |      CONTINUED      |      CONTINUED
      P100 -Q999     |      A539           |      B389
      R02            |    M A679           |    M B789
      R75            |      B389           |      L105
      S000 -Y899     |    M B789           |      T360 -T509
                     |      L101           |      T881
--- L050 -L059  --- |                     |      T885
                     |    --- L102  ---    |      T887
  M A429             |                     |      T96
  M A439             |    M A429           |      X40  -X44
  M A679             |    M A439           |      X60  -X64
  M B200 -B24        |      A500           |      X85
    B389             |      A502           |      Y10  -Y14
  M B789             |      A509           |    M Y355
    L050 -L059       |      A513           |      Y400 -Y599
  M R75              |      A519           |    M Y86  -Y872
                     |      A539           |      Y880
--- L080 -L089  --- |    M A679           |
                     |      B389           |    --- L108  ---
    A000 -G98        |    M B789           |
    H650 -H832       |      L102           |    M A429
    H950 -J989       |                     |    M A439
    K20  -Q999       |    --- L103  ---    |      A500
    R02              |                     |      A502
    R15              |    M A429           |      A509
    R17              |    M A439           |      A513
    R21              |      A500           |      A519
    R32              |      A502           |      A539
    R400 -R402       |      A509           |    M A679
    R570 -R609       |      A513           |      B389
    R75              |      A519           |    M B789
    S000 -Y899       |      A539           |      L108
                     |    M A679           |
   --- L100  ---     |      B389           |    --- L109  ---
                     |    M B789           |
  M A429             |      L103           |    M A429
  M A439             |                     |    M A439
    A500             |    --- L104  ---    |      A500
    A502             |                     |      A502
    A509             |    M A429           |      A509
    A513             |    M A439           |      A513
    A519             |      A500           |      A519
    A539             |      A502           |      A539
  M A679             |      A509           |    M A679
    B389             |      A513           |      B389
  M B789             |      A519           |    M B789
    L100             |      A539           |      L100 -L109
                     |    M A679           |
   --- L101  ---     |      B389           |    --- L110  ---
                     |    M B789           |
  M A429             |      L104           |    M A429
  M A439             |                     |    M A439
    A500             |    --- L105  ---    |      A548 -A549
    A502             |                     |    M A679
    A509             |    M A429           |      B389
    A513             |    M A439           |    M B789
    A519             |    M A679           |      L110

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```
    --- L110  ---      |     --- L129  ---      |     --- L208   ---
       CONTINUED       |        CONTINUED       |        CONTINUED
        R54            |     M A439              |     M A679
                       |     M A679              |        B389
    --- L120  ---      |        B389             |     M B789
                       |     M B789              |        L208
 M A429                |      L120 -L129         |
 M A439                |                         |     --- L209   ---
 M A679                |     --- L130  ---       |
    B389               |                         |     M A429
 M B789                |     M A429              |     M A439
    L120               |     M A439              |     M A679
                       |     M A679              |        B389
    --- L121  ---      |        B389             |     M B789
                       |     M B789              |      L200 -L209
 M A429                |      L130               |
 M A439                |        R54              |     --- L210   ---
 M A679                |                         |
    B389               |     --- L131  ---       |     M A429
 M B789                |                         |     M A439
    L121               |     M A429              |     M A679
                       |     M A439              |        B389
    --- L122  ---      |     M A679              |     M B789
                       |        B389             |        L210
 M A429                |     M B789              |
 M A439                |      L131               |     --- L211   ---
 M A679                |                         |
    B389               |     --- L138  ---       |     M A429
 M B789                |                         |     M A439
    L122               |     M A429              |     M A679
                       |     M A439              |        B389
    --- L123  ---      |     M A679              |     M B789
                       |        B389             |        L211
    A000 -A199         |     M B789              |
 M A429                |      L138               |     --- L22    ---
 M A439                |                         |
 M A679                |     --- L139  ---       |     M A429
    B389               |                         |     M A439
 M B789                |     M A429              |     M A679
    C900 -C902         |     M A439              |        B389
    E100 -E149         |     M A679              |     M B789
    E850 -E859         |        B389             |       L22
    K510 -K529         |     M B789              |
    L123               |      L130 -L139         |     --- L230   ---
    Y572               |                         |
                       |     --- L200  ---       |     M A429
    --- L128  ---      |                         |     M A439
                       |     M A429              |     M A679
 M A429                |     M A439              |        B389
 M A439                |     M A679              |     M B789
 M A679                |        B389             |        L230
    B389               |     M B789              |
 M B789                |      L200               |     --- L231   ---
    L128               |                         |
                       |     --- L208  ---       |     M A429
    --- L129  ---      |                         |     M A439
                       |     M A429              |     M A679
 M A429                |     M A439              |        B389
```

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                              TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


   --- L231  ---        |    --- L238  ---       |    --- L245  ---
      CONTINUED         |                        |       CONTINUED
   M B789               |    M A429              |    M A679
      L231              |    M A439              |       B389
                        |    M A679              |    M B789
   --- L232  ---        |       B389             |       L245
                        |    M B789              |
   M A429               |       L238             |    --- L246  ---
   M A439               |                        |
   M A679               |    --- L239  ---       |    M A429
      B389              |                        |    M A439
   M B789               |    M A429              |    M A679
      L232              |    M A439              |       B389
                        |    M A679              |    M B789
   --- L233  ---        |       B389             |       L246
                        |    M B789              |
   M A429               |    L230 -L259          |    --- L247  ---
   M A439               |                        |
   M A679               |    --- L240  ---       |    M A429
      B389              |                        |    M A439
   M B789               |    M A429              |    M A679
      L233              |    M A439              |       B389
                        |    M A679              |    M B789
   --- L234  ---        |       B389             |       L247
                        |    M B789              |
   M A429               |       L240             |    --- L248  ---
   M A439               |                        |
   M A679               |    --- L242  ---       |    M A429
      B389              |                        |    M A439
   M B789               |    M A429              |    M A679
      L234              |    M A439              |       B389
                        |    M A679              |    M B789
   --- L235  ---        |       B389             |       L248
                        |    M B789              |
   M A429               |       L242             |    --- L249  ---
   M A439               |                        |
   M A679               |    --- L243  ---       |    M A429
      B389              |                        |    M A439
   M B789               |    M A429              |    M A679
      L235              |    M A439              |       B389
                        |    M A679              |    M B789
   --- L236  ---        |       B389             |    L230 -L259
                        |    M B789              |
   M A429               |       L243             |    --- L250  ---
   M A439               |                        |
   M A679               |    --- L244  ---       |    M A429
      B389              |                        |    M A439
   M B789               |    M A429              |    M A679
      L236              |    M A439              |       B389
                        |    M A679              |    M B789
   --- L237  ---        |       B389             |       L250
                        |    M B789              |
   M A429               |       L244             |    --- L251  ---
   M A439               |                        |
   M A679               |    --- L245  ---       |    M A429
      B389              |                        |    M A439
   M B789               |    M A429              |    M A679
      L237              |    M A439              |       B389

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                              TABLE D
          CAUSAL RELATIONSHIP:   GENERAL PRINCIPLE AND RULES 1 AND 2


       --- L251  ---     |    --- L26   ---     |    --- L290  ---
          CONTINUED      |                      |
       M B789            |  M A429              |  M A429
          L251           |  M A439              |  M A439
                         |  M A679              |  M A679
       --- L252  ---     |    B389              |  M B200 -B24
                         |  M B789              |    B389
       M A429            |    E669              |  M B650 -B659
       M A439            |    L26               |  M B789
       M A679            |    M320 -M359        |    L290
         B389            |    T887              |    R54
       M B789            |                      |  M R75
         L252            |    --- L270  ---     |
                         |                      |    --- L291  ---
       --- L253  ---     |  M A429              |
                         |  M A439              |  M A429
       M A429            |  M A679              |  M A439
       M A439            |    B389              |  M A679
       M A679            |  M B789              |  M B200 -B24
         B389            |    L270              |    B389
       M B789            |    T887              |  M B650 -B659
         L253            |                      |  M B789
                         |    --- L271  ---     |    L291
       --- L254  ---     |                      |    R54
                         |  M A429              |  M R75
       M A429            |  M A439              |
       M A439            |  M A679              |    --- L292  ---
       M A679            |    B389              |
         B389            |  M B789              |  M A429
       M B789            |    L271              |  M A439
         L254            |    T887              |  M A679
                         |                      |  M B200 -B24
       --- L255  ---     |    --- L278  ---     |    B389
                         |                      |  M B650 -B659
       M A429            |  M A429              |  M B789
       M A439            |  M A439              |    L292
       M A679            |  M A679              |    R54
         B389            |    B389              |  M R75
       M B789            |  M B789              |
         L255            |    L278              |    --- L293  ---
                         |                      |
       --- L258  ---     |    --- L280  ---     |  M A429
                         |                      |  M A439
       M A429            |    E859              |  M A679
       M A439            |    L280              |  M B200 -B24
       M A679            |                      |    B389
         B389            |    --- L282  ---     |  M B650 -B659
       M B789            |                      |  M B789
         L258            |  M A429              |    L293
                         |  M A439              |    R54
       --- L259  ---     |  M A679              |  M R75
                         |    B389              |
       M A429            |  M B650 -B659        |    --- L298  ---
       M A439            |  M B789              |
       M A679            |    L282              |  M A429
         B389            |                      |  M A439
       M B789            |                      |  M A679
         L230 -L259      |                      |  M B200 -B24
```

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   --- L298  ---    |     --- L303  ---    |     --- L308   ---
      CONTINUED      |                       |        CONTINUED
      B389           |      B200 -B24        |      Y400 -Y599
 M B650 -B659        |   M L120              |
 M B789              |      L303             |     --- L309   ---
    L298             |      R75              |
    R54              |                       |      A069
 M R75               |     --- L304  ---     |      A363 -A369
                     |                       |   M A429
    --- L299  ---    |      A363 -A369       |   M A439
                     |   M A429              |      A600 -A609
 M A429              |   M A439              |   M A679
 M A439              |      A600 -A609       |      B000 -B009
 M A679              |   M A679              |      B020 -B029
 M B200 -B24         |      B000 -B009       |      B200 -B24
    B389             |      B020 -B029       |      B389
 M B650 -B659        |      B200 -B24        |      B409
 M B789              |      B389             |   M B789
    L290 -L299       |   M B789              |      E100 -E149
    R54              |      E100 -E149       |      F100 -F109
 M R75               |      E669             |   M L120
                     |   M L120              |      L230 -L259
    --- L300  ---    |      L230 -L259       |      L300 -L309
                     |      L300 -L309       |      L550 -L599
    A363 -A369       |      L550 -L599       |   M R02
 M A429              |      M320 -M359       |   M R238
 M A439              |      R75              |      R75
    A600 -A609       |      T887             |      Y400 -Y599
 M A679              |      Y400 -Y599       |
    B000 -B009       |                       |     --- L400   ---
    B020 -B029       |     --- L305  ---     |
    B200 -B24        |                       |   M A429
    B389             |   M A429              |   M A439
 M B789              |   M A439              |   M A679
    E100 -E149       |   M A679              |      B389
 M L120              |      B389             |   M B789
    L230 -L259       |   M B789              |      L400
    L300 -L309       |   M L120              |      M000 -M1990
    L550 -L599       |      L305             |
    R75              |                       |     --- L401   ---
    Y400 -Y599       |     --- L308  ---     |
                     |                       |   M A429
    --- L301  ---    |      A363 -A369       |   M A439
                     |   M A429              |   M A679
 M L120              |   M A439              |      B389
    L301             |      A600 -A609       |   M B789
                     |   M A679              |      L401
    --- L302  ---    |      B000 -B009       |      M000 -M1990
                     |      B020 -B029       |
 M A429              |      B200 -B24        |     --- L402   ---
 M A439              |      B389             |
 M A679              |   M B789              |   M A429
    B389             |      E100 -E149       |   M A439
 M B789              |   M L120              |   M A679
 M L120              |      L230 -L259       |      B389
    L302             |      L300 -L309       |   M B789
                     |      L550 -L599       |      L402
                     |      R75              |      M000 -M1990
```

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  --- L403  ---     |    --- L411  ---     |    --- L42   ---
                    |                      |        CONTINUED
M A429              |  M A429              |  M A679
M A439              |  M A439              |    B389
M A679              |  M A679              |  M B789
  B389              |    B389              |    L42
M B789              |  M B789              |
  L403              |    L411              |    --- L440  ---
  M000 -M1990       |                      |
                    |    --- L412  ---     |  M A429
  --- L404  ---     |                      |  M A439
                    |  M A429              |  M A679
M A429              |  M A439              |    B389
M A439              |  M A679              |  M B789
M A679              |    B389              |    L440
  B389              |  M B789              |
M B789              |    L412              |    --- L444  ---
  L404              |                      |
  M000 -M1990       |    --- L413  ---     |  M A429
                    |                      |  M A439
  --- L405  ---     |  M A429              |  M A679
                    |  M A439              |    B389
M A429              |  M A679              |  M B789
M A439              |    B389              |    L444
M A679              |  M B789              |
  B389              |    L413              |    --- L448  ---
M B789              |                      |
  L400 -L409        |    --- L414  ---     |  M A429
                    |                      |  M A439
  --- L408  ---     |  M A429              |  M A679
                    |  M A439              |    B389
M A429              |  M A679              |  M B789
M A439              |    B389              |    L448
M A679              |  M B789              |
  B389              |    L414              |    --- L500  ---
M B789              |                      |
  L408              |    --- L415  ---     |  M A429
  M000 -M1990       |                      |  M A439
                    |  M A429              |  M A679
  --- L409  ---     |  M A439              |    B389
                    |  M A679              |    B650 -B659
M A429              |    B389              |  M B789
M A439              |  M B789              |    L500
M A679              |    L415              |
  B389              |                      |    --- L506  ---
M B789              |    --- L418  ---     |
  L400 -L409        |                      |  M A429
  M000 -M1990       |  M A429              |  M A439
                    |  M A439              |  M A679
  --- L410  ---     |  M A679              |    B389
                    |    B389              |    B650 -B659
M A429              |  M B789              |  M B789
M A439              |    L418              |    L506
M A679              |                      |
  B389              |    --- L42   ---     |    --- L508  ---
M B789              |                      |
  L410              |  M A429              |  M A429
                    |  M A439              |  M A439
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    --- L508  ---      |     --- L552  ---      |     --- L563   ---
      CONTINUED        |       CONTINUED        |       CONTINUED
   M A679              |    M A679              |    M B789
     B389              |      B389              |      L563
     B650 -B659        |    M B789              |
   M B789              |      L552              |     --- L564   ---
     L508              |                        |
                       |     --- L558  ---      |    M A429
    --- L509  ---      |                        |    M A439
                       |    M A429              |    M A679
   M A429              |    M A439              |      B389
   M A439              |    M A679              |    M B789
   M A679              |      B389              |      L564
     B389              |    M B789              |
     B650 -B659        |      L558              |     --- L568   ---
   M B789              |                        |
     L500              |     --- L559  ---      |    M A429
     L506 -L509        |                        |    M A439
                       |    M A429              |    M A679
--- L510 -L539   ---   |    M A439              |      B389
                       |    M A679              |    M B789
     A000 -D489        |      B389              |      L568
     E240 -E249        |    M B789              |
     G000 -G09         |      L550 -L559        |     --- L569   ---
     J100 -J189        |                        |
     L00  -L989        |     --- L560  ---      |    M A429
     M320 -M359        |                        |    M A439
     R75               |    M A429              |    M A679
     T360 -T659        |    M A439              |      B389
     T780 -T889        |    M A679              |    M B789
     W53  -W64         |      B389              |      L569
     W88  -W91         |    M B789              |
     X20  -X29         |      L560              |     --- L570   ---
     X32               |                        |
     Y400 -Y599        |     --- L561  ---      |    M A429
                       |                        |    M A439
    --- L550  ---      |    M A429              |      A548 -A549
                       |    M A439              |    M A679
   M A429              |    M A679              |      B200 -B24
   M A439              |      B389              |      B389
   M A679              |    M B789              |    M B789
     B389              |      L561              |      L570
   M B789              |                        |      R54
     L550              |     --- L562  ---      |      R75
                       |                        |
    --- L551  ---      |    M A429              |     --- L574   ---
                       |    M A439              |
   M A429              |    M A679              |    M A429
   M A439              |      B389              |    M A439
   M A679              |    M B789              |    M A679
     B389              |      L562              |      B389
   M B789              |                        |    M B789
     L551              |     --- L563  ---      |      L574
                       |                        |      R54
    --- L552  ---      |    M A429              |
                       |    M A439              |     --- L578   ---
   M A429              |    M A679              |
   M A439              |      B389              |    M A429
```

--- L578 ---	--- L598 ---	--- L851 ---
CONTINUED	CONTINUED	CONTINUED
M A439	B389	R54
M A679	M B789	
B389	L598	--- L852 ---
M B789		
L578	--- L599 ---	M A429
		M A439
--- L579 ---	M A429	A548 -A549
	M A439	M A679
M A429	M A679	B389
M A439	B389	M B659
M A679	M B789	M B789
B389	L599	L852
M B789		R54
L579	--- L744 ---	
		--- L858 ---
--- L580 ---	G810 -G819	
	L744	M A429
M A429	S140 -S146	M A439
M A439	T093	A548 -A549
M A679	T144	M A679
B389	T913	B200 -B24
M B789		B389
L580	--- L82 ---	M B659
		M B789
--- L581 ---	M A429	L858
	M A439	R54
M A429	M A679	R75
M A439	B200 -B24	
M A679	B389	--- L859 ---
B389	M B659	
M B789	M B789	M A429
L581	L82	M A439
	R75	A548 -A549
--- L589 ---		A669
	--- L850 ---	M A679
M A429		B389
M A439	M A429	M B659
M A679	M A439	M B789
B389	A548 -A549	L850 -L859
M B789	M A679	R54
L580 -L589	B389	
	M B659	--- L870 ---
--- L590 ---	M B789	
	L850	M A429
M A429	R54	M A439
M A439		A548 -A549
M A679	--- L851 ---	M A679
B389		B389
M B789	M A429	M B659
L590	M A439	M B789
	A548 -A549	L870
--- L598 ---	M A679	R54
	B389	
M A429	M B659	--- L871 ---
M A439	M B789	
M A679	L851	M A429

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   --- L871  ---      |    --- L902  ---      |    --- L928   ---
      CONTINUED        |                       |
 M A439               |   M A429              |    A000 -G98
   A548 -A549         |   M A439              |    H650 -H839
 M A679               |    A513               |    I00  -Q999
   B389               |    A539               |    R02
 M B659               |   M A679              |    R15
 M B789               |    B389               |    R17
   L871               |   M B659              |    R21
   R54                |   M B789              |    R32
                      |    L902               |    R400 -R402
   --- L872  ---      |    R54                |    R570 -R609
                      |                       |    R75
 M A429               |    --- L906  ---      |    R788
 M A439               |                       |    S000 -Y899
   A548 -A549         |   M A429              |
 M A679               |   M A439              |    --- L929   ---
   B389               |    A513               |
 M B659               |    A539               |    A000 -G98
 M B789               |   M A679              |    H209
   L872               |    B389               |    H650 -H839
   R54                |   M B659              |    I00  -Q999
                      |   M B789              |    R02
   --- L88   ---      |    L906               |    R15
                      |    R54                |    R17
   A000 -G98          |                       |    R21
   H650 -H839         |    --- L908  ---      |    R32
   I00  -Q999         |                       |    R400 -R402
   R02                |   M A429              |    R570 -R609
   R15                |   M A439              |    R75
   R17                |    A513               |    R788
   R21                |    A539               |    S000 -Y899
   R32                |   M A679              |
   R400 -R402         |    B389               |    --- L930   ---
   R570 -R609         |   M B659              |
   R75                |   M B789              |    A1690
   R788               |    L908               |   M A429
   S000 -Y899         |    R54                |   M A439
                      |                       |   M A679
   --- L89   ---      |    --- L920  ---      |    B389
                      |                       |   M B659
   A000 -G98          |   M A429              |   M B789
   H650 -H839         |   M A439              |    L930
   I00  -Q999         |   M A679              |
   R011               |    B389               |    --- L931   ---
   R02                |   M B659              |
   R098               |   M B789              |   M A429
   R21                |    E669               |   M A439
   R400 -R402         |    L920               |   M A679
   R418               |    M320 -M359         |    B389
   R53                |    T887               |   M B659
   R570 -R599         |                       |   M B789
   R64                |    --- L921  ---      |    L931
   R688               |                       |
   R75                |    E100 -E149         |    --- L932   ---
   S000 -Y899         |    L921               |
                      |                       |   M A429
                      |                       |   M A439
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                            TABLE D
       CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


   --- L932  ---      |    --- L950  ---      |    --- L97   ---
      CONTINUED       |       CONTINUED       |       CONTINUED
   M A679             |    M B789             |    R21
     B389             |      D869             |    R400 -R402
   M B659             |      L950             |    R418
   M B789             |      R54              |    R53
     L932             |    M R75              |    R570 -R599
                      |                       |    R64
   --- L945  ---      |    --- L951  ---      |    R688
                      |                       |    R75
   M A429             |    M A429             |    S000 -Y899
   M A439             |    M A439             |
   M A679             |    M A679             |    --- L980  ---
     B389             |    M B200 -B24        |
   M B659             |      B389             |    A000 -G98
   M B789             |    M B659             |    H650 -H839
     L945             |    M B789             |    I00  -Q999
                      |      D869             |    R02
   --- L946  ---      |      E669             |    R15
                      |      L951             |    R17
   M A429             |      M320 -M359       |    R21
   M A439             |    M R75              |    R32
   M A679             |      T887             |    R400 -R402
     B389             |                       |    R570 -R609
   M B659             |    --- L958  ---      |    R75
   M B789             |                       |    R788
     L946             |      A000 -D489       |    S000 -Y899
                      |      D869             |
   --- L948  ---      |      E240 -E249       |    --- L982  ---
                      |      G000 -G09        |
   M A429             |      J100 -J189       |    M A429
   M A439             |      L00  -L989       |    M A439
   M A679             |      M320 -M359       |    M A679
     B389             |      R75              |      B200 -B24
   M B659             |      T360 -T659       |      B389
   M B789             |      T780 -T889       |    M B659
     L948             |      W53  -W64        |    M B789
                      |      W88  -W91        |      D45              *
   --- L949  ---      |      X20  -X29        |      D869
                      |      X32              |    M E835
   M A429             |      Y400 -Y599       |      L982
   M A439             |                       |      R75
   M A679             |    --- L959  ---      |
     B389             |                       |    --- L984  ---
   M B659             |      B200 -B24        |
   M B789             |      L959             |    A000 -G98
     L940 -L949       |      R75              |    H650 -H839
                      |      Y400 -Y599    *  |    I00  -Q999
   --- L950  ---      |      Y880          *  |    R011
                      |                       |    R02
   M A429             |    --- L97   ---      |    R098
   M A439             |                       |    R21
     A513             |      A000 -G98        |    R400 -R402
     A539             |      H650 -H839       |    R418
   M A679             |      I00  -Q999       |    R53
   M B200 -B24        |      R011             |    R570 -R599
     B389             |      R02              |    R64
   M B659             |      R098             |    R688

                        D-270   (10-04)
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--- L984 ---	--- M000 -M009 ---	--- M020 ---
CONTINUED		
R75	A000 -A029	M B200 -B24
S000 -Y899	A040 -A049	M020
	M A078	M R75
--- L986 ---	A080 -A085	M Y832
	A162 -A540	M Y883
M A429	A544	
M A439	A590 -A599	--- M021 ---
M A679	A65 -A70	
B200 -B24	A750 -A99	A09
B389	B007 -B008	M B200 -B24
M B659	B010 -B03	K529
M B789	B050 -B069	M021 -M022
D869	B084 -B085	M R75
M E835	M B088	Y580 -Y599
L986	B150 -B279	
R54	B330 -B349	--- M022 ---
R75	B370 -B54	
	B580 -B59	B200 -B24
--- L988 ---	B602	M022
	B72	R75
A000 -G98	B749	
H650 -H839	B888	--- M023 ---
I00 -Q999	B89	
R02	B99	A64
R15	E850 -E859	M B200 -B24
R17	G000 -G09	M023
R21	G810 -G839	M R75
R32	I00 -I029	
R400 -R402	J100 -J189	--- M028 ---
R54	K650 -K659	
R570 -R609	K7210-K7290	B200 -B24
R75	K750 -K751	M028
R788	K766 -K767	R75
S000 -Y899	M K769	
	M000 -M1990	--- M029 ---
--- L989 ---	M230 -M351	
	M M359	B200 -B24
M A429	M420 -M429	M029
M A439	M45 -M479	R75
A549	M482 -M483	
M A679	M M488	--- M050 -M069 ---
B200 -B24	M600	
B389	M860 -M889	M B200 -B24
M B659	M894	M050 -M080
M B789	M910 -M939	M082 -M083
C430 -C449	N110 -N12	M R75
C460	N136	
C792	N151	--- M080 ---
D030 -D049	N159	
D220 -D239	M N288	M B200 -B24
D485	N700 -N768	M050 -M060
D869	R54	M062 -M080
M E835	R75	M082 -M083
L989	T857	M R75
R54		
R75		

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    --- M081  ---     |     --- M103  ---     |      --- M109   ---
                      |                       |        CONTINUED
  M B200 -B24         |   M B200 -B24         |    M R75
    M081              |     I120 -I139        |
  M R75               |     M103              |      --- M110  ---
                      |     N030 -N039        |
--- M082 -M083  --- | |     N118 -N119        |      B200 -B24
                      |     N136              |      M110
  M B200 -B24         |     Q610 -Q619        |      R75
    M050 -M060        |   M R75               |
    M062 -M080        |                       |      --- M111  ---
    M082 -M083        |     --- M104  ---     |
  M R75               |                       |      B200 -B24
                      |   M B200 -B24         |      M111
    --- M084  ---     |     C880 -C959        |      R75
                      |     D45               |
    B200 -B24         |     D550 -D599        |  --- M112 -M119  ---
    M084              |     D751              |
    R75               |     D758              |      A000 -E899
                      |     E168              |      F100 -F102
    --- M088  ---     |     E740              |      F109
                      |     F100 -F102        |      G000 -G419
    B200 -B24         |     F109              |      G450 -G459
    M088              |     K700 -K769        |      G600 -G98
    R75               |     L100 -L109        |      I600 -I698
                      |     L120 -L449        |      I720 -I729
    --- M089  ---     |     L510 -L569        |    M I978 -I979
                      |     L578 -L589        |      J100 -J181
    B200 -B24         |     L930 -L932        |      J188 -J47
    M089              |     L945              |      J670 -J709
    R75               |     L951              |      J860 -J90
                      |     L981              |      J940 -J949
    --- M100  ---     |     M100 -M109        |    M J950 -J959
                      |   M R75               |      K223
  M B200 -B24         |                       |      K250 -K289
    M100              |     --- M109  ---     |      K520 -K529
  M R75               |                       |      K560 -K599
                      |     A539              |      K700 -K929
    --- M101  ---     |   M B200 -B24         |      M050 -M080
                      |     C880 -C959        |      M082 -M083
  M B200 -B24         |     D45               |      M110 -M120
    M101              |     D550 -D599        |      M310 -M351
  M R75               |     D751              |      M359
    T492              |     D758              |    M M960 -M969
    T560              |     E168              |      N000 -N399
    T570              |     E740              |    M N990 -N991
    Y562              |     F100 -F102        |    M N995 -N999
                      |     F109              |      Q750 -Q799
    --- M102  ---     |     K700 -K769        |      Q990 -Q999
                      |     L100 -L109        |      R75
  M B200 -B24         |     L120 -L449        |    M S000 -Y899
    M102              |     L510 -L569        |
  M R75               |     L578 -L589        |      --- M120  ---
    T360 -T509        |     L930 -L932        |
    Y400 -Y599        |     L945              |    M B200 -B24
                      |     L951              |      M050 -M080
                      |     L981              |      M082 -M083
                      |     M100 -M109        |      M120
                      |
                    --- |
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   --- M120  ---     | --- M130 -M131  --- |   --- M139   ---
     CONTINUED       |      CONTINUED      |      CONTINUED
  M R75              |      D681           |      A280 -A488
                     |      D690           |      A500 -A540
   --- M121  ---     |      D869           |      A544
                     |      E000 -E899     |      A549
    B200 -B24        |      G000 -G09      |      A590 -A599
    M121             |      G120           |      A680 -A689
    R75              |      G810 -G839     |      A750 -A819
                     |      I00  -I029     |      A850 -A851
   --- M122  ---     |      J100 -J189     |      A858 -A89
                     |      J40  -J989     |      A960 -A969
    B200 -B24        |      K500 -K519     |      A983
    M122             |      K650 -K659     |      A985
    R75              |      K7210-K7290    |      B003 -B004
                     |      K750 -K751     |      B007
   --- M123  ---     |      K753           |    M B008
                     |      K766 -K767     |      B010 -B03
    B200 -B24        |      L405           |      B050 -B069
    M123             |      L510 -L532     |      B200 -B259
    R75              |      M000 -M1990    |      B269
                     |      M320 -M351     |      B340 -B349
   --- M124  ---     |      M359          |      B370 -B64
                     |      M420 -M429     |      B72
    B200 -B24        |      M45  -M479     |      B749
    M124             |      M481 -M483     |      B89
    R75              |      M600           |      B99
                     |      M860 -M889     |      C400 -C419
   --- M125  ---     |      M894           |      C795
                     |      M910 -M939     |      C810 -C969
  M B200 -B24        |      N10  -N12      |      D550 -D589
    M125             |      N136           |      D66  -D67
    M139             |      N151           |      D681
  M R75              |    M N159           |      D690
    S000 -T983       |    M N288           |      D759
                     |      N700 -N768     |      D860 -D869
   --- M128  ---     |      N924           |      E000 -E899
                     |      N950 -N959     |      G000 -G09
    B200 -B24        |      R54            |      G120
    M128             |      R75            |      G810 -G839
    R75              |                     |      G98
                     |   --- M138  ---     |      I00  -I029
 --- M130 -M131  --- |                     |      J100 -J189
                     |      A029           |      J40  -J989
    A1690            |      B069           |      K500 -K519
    A399             |      B200 -B24      |      K650 -K659
    A509             |      E100 -E149     |      K7210-K7290
    A529             |      E859           |      K750 -K751
    A539             |      M138           |      K753
    A549             |      R75            |      K766 -K767
    B200 -B24        |                     |      K929
    B269             |   --- M139  ---     |      L405
    B429             |                     |      L510 -L532
    C400 -C419       |      A010 -A022     |      L989 -M1990
    C795             |      A029           |      M320 -M352
    C810 -C969       |      A040 -A049     |      M359
    D550 -D589       |      A080 -A168     |      M420 -M429
    D66  -D67        |      A1690-A269     |      M45  -M479
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   --- M139  ---      |    --- M154  ---      |   --- M166 -M167  ---
      CONTINUED        |       CONTINUED        |
     M481 -M483        |      R75               |        A399
     M600              |                        |     M B200 -B24
     M860 -M889        |     --- M158  ---      |       E660 -E669
     M894              |                        |       G810 -G839
     M910 -M939        |      B200 -B24         |       M150 -M161
     N10  -N12         |      M158              |       M166 -M1990
     N136              |      R75               |       N924
     N151              |                        |       N950 -N959
   M N159              |     --- M159  ---      |       R54
   M N288              |                        |     M R75
     N700 -N768        |      A399              |
     N924              |    M B200 -B24         |     --- M169  ---
     N950 -N959        |      E660 -E669        |
     R293              |      G810 -G839        |       A1690
     R54               |      M150 -M1990       |       A399
     R75               |      N924              |     M B200 -B24
     T784              |      N950 -N959        |       E660 -E669
     T803              |      R54               |       G810 -G839
                       |    M R75               |       M150 -M1990
   --- M150  ---       |    M S000 -T983        |       N924
                       |                        |       N950 -N959
     A399              |     --- M160  ---      |       R54
   M B200 -B24         |                        |     M R75
     M150              |      A399              |       S710 -S799
   M R75               |    M B200 -B24         |     M T930 -T939
                       |      M160              |
   --- M151  ---       |    M R75               |     --- M170  ---
                       |                        |
     A399              |     --- M161  ---      |       A399
   M B200 -B24         |                        |     M B200 -B24
     M151              |      A399              |       M170
   M R75               |    M B200 -B24         |     M R75
                       |      M161              |
   --- M152  ---       |    M R75               |     --- M171  ---
                       |                        |
     B200 -B24         |     --- M162  ---      |       A399
     M152              |                        |     M B200 -B24
     R75               |      B200 -B24         |       M171
                       |      M162              |     M R75
   --- M153  ---       |      R75               |
                       |                        |   --- M172 -M173  ---
     A399              |     --- M163  ---      |
   M B200 -B24         |                        |       A399
     E660 -E669        |      B200 -B24         |     M B200 -B24
     G810 -G839        |      M163              |       M172 -M173
     M150 -M1990       |      R75               |     M R75
     N924              |                        |       S810 -S821
     N950 -N959        |  --- M164 -M165  --- |       S829 -S837
     R54               |                        |       S850 -S859
   M R75               |      A399              |       S870
   M S000 -T983        |    M B200 -B24         |       S897
                       |      M164 -M165        |       S899
   --- M154  ---       |    M R75               |     M T930 -T939
                       |      S710 -S799        |
     B200 -B24         |    M T930 -T939        |
     M154              |                        |
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--- M174 -M175  --- |    --- M183  ---     |    --- M192  ---
                    |       CONTINUED      |       CONTINUED
     A399           |  M B200 -B24         |     N924
 M B200 -B24        |    M183              |     N950 -N959
   E660 -E669       |  M R75               |     R54
   G810 -G839       |    S610 -S699        |  M R75
   M150 -M171       |  M T920 -T929        |
   M174 -M1990      |                      |  --- M198 -M1990 ---
   N924             |  --- M184 -M185  --- |
   N950 -N959       |                      |     A399
   R54              |     A399             |  M B200 -B24
 M R75              |  M B200 -B24         |    E660 -E669
                    |    E660 -E669        |    G810 -G839
   --- M179  ---    |    G810 -G839        |    M150 -M189
                    |    M150 -M181        |    M198 -M1990
     A399           |    M184 -M1990       |    N924
 M B200 -B24        |    N924              |    N950 -N959
   E660 -E669       |    N950 -N959        |    R54
   G810 -G839       |    R54               |  M R75
   M150 -M1990      |  M R75               |  M S000 -T983
   N924             |                      |
   N950 -N959       |    --- M189  ---     |    --- M218  ---
   R54              |                      |
 M R75              |     A399             |    E100 -E149
   S810 -S821       |  M B200 -B24         |    I702
   S829 -S837       |    E660 -E669        |    I709
   S850 -S859       |    G810 -G839        |    I730 -I739
   S870             |    M150 -M1990       |    I742 -I744
   S897             |    N924              |    M218
   S899             |    N950 -N959        |    R02
 M T930 -T939       |    R54               |
                    |  M R75               |    --- M219  ---
   --- M180  ---    |    S610 -S699        |
                    |  M T920 -T929        |    E100 -E149
     A399           |                      |    I702
 M B200 -B24        |    --- M190  ---     |    I709
   M180             |                      |    I730 -I739
 M R75              |     A399             |    I742 -I744
                    |  M B200 -B24         |    M000 -M259
   --- M181  ---    |    M190              |    R02
                    |  M R75               |
     A399           |                      |    --- M229  ---
 M B200 -B24        |    --- M191  ---     |
   M181             |                      |     A1690
 M R75              |     A399             |     A180
                    |  M B200 -B24         |     A527
   --- M182  ---    |    M191              |     A539
                    |  M R75               |     M000 -M1990
     A399           |  M S000 -T983        |     M229
 M B200 -B24        |                      |     M259
   M182             |    --- M192  ---     |  M T840 -T849
 M R75              |                      |
   S610 -S699       |     A399             |    --- M240  ---
 M T920 -T929       |  M B200 -B24         |
                    |    E660 -E669        |     F03
   --- M183  ---    |    G810 -G839        |     M240
                    |    M150 -M190        |
     A399           |    M192 -M1990       |
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   --- M242 ---     |    --- M250  ---    |   --- M300 -M302  ---
                    |                     |
   B200 -B24        |     A1690           |     A200 -A499
   B91              |     A180            |     A800 -B349
   C000 -D489       |     A527            |     I700 -I709
   E230             |     A539            |     J1110
   E511 -E52        |     B200 -B24       |     M000 -M1990
   E639             |     M000 -M1990     |     M300 -M351
 M E750 -E752       |     M250            |     M359
 M E754             |     M259            |     R75
   F03              |     R75             |     T360 -T509
   F100 -F102       |   M T840 -T849      |     T784
   F109             |                     |     T887
   G10  -G419       |    --- M251  ---     |     Y400 -Y579
   G450 -G98        |                     |
   I600 -I709       |     A1690           |     --- M303  ---
   I730 -I959       |     A180            |
   I972             |     B200 -B24       |   M B200 -B24
   I99              |     M251            |     I700 -I709
   L89              |     M860 -M869      |     M303
   L97              |     R75             |   M R75
   L984             |                     |
   M000 -M999       |    --- M254  ---     |     --- M308  ---
   Q000 -Q079       |                     |
   Q650 -Q799       |     A1690           |     A200 -A499
   Q900 -Q999       |     A180            |     A800 -B349
   R75              |   M A509            |     I700 -I709
 M S000 -Y899       |     A527            |     J1110
                    |   M A529            |     M000 -M1990
   --- M243  ---     |     A539            |     M300 -M351
                    |     A549            |     M359
   F03              |     A669            |     R75
   M000 -M1990      |     B200 -B24       |     T360 -T509
   M243             |     M254            |     T784
   M320 -M351       |     R75             |     T887
   M359             |                     |     Y400 -Y579
                    |    --- M258  ---     |
   --- M245  ---     |                     |     --- M310  ---
                    |     A1690           |
   F03              |     A180            |     B200 -B24
   F449             |     B200 -B24       |     I700 -I709
   M000 -M1990      |     M258            |     M310
   M245             |     M860 -M869      |     R75
   M320 -M351       |     R75             |
   M359             |                     |     --- M311  ---
                    |    --- M259  ---     |
   --- M246  ---     |                     |     B200 -B24
                    |     A1690           |     E100 -E149
   M050 -M089       |     A180            |     I700 -I709
   M120 -M1990      |     A527            |     M311
   M246             |     A539            |     R75
   M45  -M489       |     B200 -B24       |
                    |     M000 -M1990     |     --- M312  ---
   --- M249  ---     |     M259            |
                    |     R75             |     B200 -B24
   F03              |   M T840 -T849      |     I700 -I709
   I748             |                     |     M312
   M240 -M249       |                     |     R75
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    --- M313  ---        |     --- M319  ---        |     --- M351   ---
                         |                          |       CONTINUED
     B200 -B24           |      B200 -B24           |     M351
     I700 -I709          |      M319                |     M359
     M313                |      R75                 |     R75
     R75                 |                          |
                         |     --- M320  ---        |     --- M352   ---
    --- M314  ---        |                          |
                         |      M320                |      B200 -B24
     A520 -A539          |      T360 -T509          |      B99
     B200 -B24           |      Y400 -Y599          |      M352
     I700 -I709          |                          |      R75
     M300 -M319          | --- M321 -M329  ---  |
     R75                 |                          |     --- M353   ---
     S099                |      B200 -B24           |
     S128                |      M320 -M329          |      B200 -B24
     S197 -S199          |      M359                |      M242
     S210 -S219          |      R75                 |      M353
     S222 -S225          |                          |      M356 -M357
     S260 -S281          | --- M330 -M331   --- | M M541
     S297 -S299          |                          |      M600 -M799
     S397 -S399          |    M B200 -B24           |      R54
     S497 -S499          |      M330 -M339          |      R75
     S597 -S599          |      M359                |
     S697 -S699          |    M R75                 |     --- M354   ---
     S797 -S799          |                          |
     S897 -S899          |     --- M332  ---        |      B200 -B24
     S997 -S999          |                          |      M354
     T098 -T099          |    M B200 -B24           |      R75
     T118 -T119          |      C000 -D489          |
     T138 -T139          |      M332                |     --- M355   ---
     T148 -T149          |      M359                |
                         |    M R75                 |      B200 -B24
    --- M315  ---        |                          |      M355
                         |     --- M339  ---        |      R75
     B200 -B24           |                          |
     I700 -I709          |    M B200 -B24           |     --- M356   ---
     M242                |      M330 -M339          |
     M315 -M316          |      M359                |    M B200 -B24
     M353                |    M R75                 |      M356
     M356 -M357          |                          |    M R75
   M M541                | --- M340 -M349   --- |
     M600 -M799          |                          |     --- M357   ---
     R54                 |      B200 -B24           |
     R75                 |      M330 -M349          |      B200 -B24
                         |      M359                |      M357
    --- M316  ---        |      R75                 |      R75
                         |                          |
     B200 -B24           |     --- M350  ---        |     --- M358   ---
     I700 -I709          |                          |
     M316                |      B200 -B24           |      B200 -B24
     R75                 |      M350                |      M358 -M359
                         |      M359                |      R75
    --- M318  ---        |      R75                 |
                         |                          |     --- M359   ---
     B200 -B24           |     --- M351  ---        |
     M318                |                          |      B200 -B24
     R75                 |      B200 -B24           |      M359
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--- M359 ---	--- M402 ---	--- M410 ---
CONTINUED	CONTINUED	
R75	G110 -G119	M410
	G20 -G2000	
--- M400 ---	G35 -G379	--- M411 ---
	G540 -G549	
A1690	G600 -G839	M411
M400	G950 -G959	
	M G970 -G979	--- M412 ---
--- M401 ---	M000 -M120	
	M150 -M1990	M412
A1690	M320 -M351	
A180	M359 -M489	--- M414 ---
B902	M800 -M949	
B91	M M960 -M969	A800 -A809
C400 -C419	Q050 -Q059	B91
C490 -C499	Q760 -Q799	G111
C795	Q850	G700 -G709
D166	Q870 -Q878	G800 -G809
D480	Q893 -Q999	M414
E200 -E215	M S000 -Y899	
E550 -E559		--- M415 ---
M E890 -E899	--- M403 -M405 ---	
G110 -G119		A1690
G20 -G2000	A1690	A180
G35 -G379	A180	B902
G540 -G549	B902	C400 -C419
G600 -G839	B91	C490 -C499
G950 -G959	C400 -C419	C795
M G970 -G979	C490 -C499	D166
M000 -M120	C795	D480
M150 -M1990	D166	E200 -E215
M320 -M351	D480	E550 -E559
M359 -M489	E200 -E215	M E890 -E899
M800 -M949	E550 -E559	G09
M M960 -M969	M E890 -E899	G20 -G2000
Q050 -Q059	G110 -G119	G360 -G379
Q760 -Q799	G20 -G2000	G540 -G549
Q850	G35 -G379	G600 -G64
Q870 -Q878	G540 -G549	G950 -G959
Q893 -Q999	G600 -G839	M G970 -G979
M S000 -Y899	G950 -G959	M000 -M120
	M G970 -G979	M150 -M1990
--- M402 ---	M000 -M120	M320 -M351
	M150 -M1990	M359 -M413
A1690	M320 -M351	M415 -M489
A180	M359 -M489	M800 -M949
A509	M800 -M949	M M960 -M969
B902	M M960 -M969	Q050 -Q059
B91	Q050 -Q059	Q760 -Q799
C400 -C419	Q760 -Q799	Q850
C490 -C499	Q850	Q870 -Q878
C795	Q870 -Q878	Q893 -Q999
D166	Q893 -Q999	M S000 -Y899
D480	M S000 -Y899	
E200 -E215		--- M418 -M419 ---
E550 -E559		
M E890 -E899		A1690

```
--- M418 -M419 --- |    --- M436 ---     |    --- M462  ---
      CONTINUED     |      CONTINUED      |      CONTINUED
      A180          |    G10  -G319       |    L00  -L089
      B902          |    G900 -G919       |    M000 -M1990
      B91           |    G937             |    M320 -M351
      C400 -C419    |    G950 -G959       |    M359
      C490 -C499    |    M000 -M1990      |    M420 -M429
      C795          |    M320 -M351       |    M45  -M519
      D166          |    M359             |    M600
      D480          |    M436             |    M860 -M889
      E200 -E215    |    M800 -M949       |    M894
      E550 -E559    |    Q760 -Q764       |    M910 -M939
M     E890 -E899    |  M Q798 -Q799       |  M M960 -M969
      G110 -G119    |                     |    N10  -N12
      G20  -G2000   |    --- M45   ---     |    N136
      G35  -G379    |                     |    N151
      G540 -G549    |  M B200 -B24        |    N159
      G600 -G839    |    M45              |    N288
      G950 -G959    |  M R75              |    N340 -N343
M     G970 -G979    |                     |    N390
      M000 -M120    |    --- M460  ---     |    N700 -N768
      M150 -M1990   |                     |  M N990 -N999
      M320 -M351    |    B200 -B24        |    R75
      M359 -M489    |    M460             |    S000 -T983
      M800 -M949    |    R75              |
M     M960 -M969    |                     |    --- M463  ---
      Q050 -Q059    |    --- M461  ---     |
      Q760 -Q799    |                     |    B200 -B24
      Q850          |    B200 -B24        |    M463
      Q870 -Q878    |    M461             |    R75
      Q893 -Q999    |    R75              |
M     S000 -Y899    |                     |    --- M464  ---
                    |    --- M462  ---     |
   --- M420  ---    |                     |    B200 -B24
                    |    A1690            |    M464
      M420          |  M A180             |    R75
                    |    A400 -A419       |
   --- M421  ---    |    A500             |    --- M465  ---
                    |    A509             |
      M421          |    A527             |    B200 -B24
                    |    A539             |    M465
   --- M429  ---    |    B200 -B24        |    R75
                    |    B89              |
      M429          |    B902             |    --- M468  ---
                    |    B99              |
   --- M436  ---    |    C412             |    B200 -B24
                    |    C760             |    M468
      B941          |    C795             |    R75
      C412          |    C810 -C969       |
      C490          |    D160 -D169       |    --- M469  ---
M     C795          |    D480             |
M     C798          |    D550 -D589       |  M A000 -B99
M     D166          |    H650 -H669       |    C400 -C419
M     D210          |  M H950 -H959       |    C795
M     D480 -D481    |    J00  -J399       |    C810 -C969
M     E750 -E752    |  M J950 -J959       |    D160 -D169
M     E754          |    K650 -K659       |    D480
M     F010 -F99     |  M K910 -K919       |    M000 -M949
```

--- M469 ---	--- M472 ---	--- M480 ---
CONTINUED	CONTINUED	CONTINUED
M960 -M969	E660 -E669	D45
R54	M E890 -E899	D470 -D480
R75	M F458	D860 -D869
M S000 -T983	I00 -I029	E40 -E559
	M000 -M999	M000 -M1990
--- M470 ---	N924	M250 -M629
	N950 -N959	M800 -M851
M B200 -B24	Q650 -Q799	M853 -M859
E660 -E669	Q898	M870 -M899
M470	R54	M932 -M949
M M471 -M479	R75	M960 -M969
N924	M S000 -T983	Q650 -Q799
N950 -N959		R75
R54	--- M478 ---	S120 -S133
M R75		S199
M S000 -T983	M B200 -B24	S220 -S232
	E660 -E669	S299
--- M471 ---	M M470 -M472	S320 -S322
	M478	S327 -S333
M A000 -A169	M M479	M S399
A1690	N924	T021
M A170 -A179	N950 -N959	M T028
A180	R54	T029 -T031
M A181 -B99	M R75	M T038
C000 -D489	M S000 -T983	T039
M D510 -D539		T07 -T08
M E530 -E539	--- M479 ---	T099
E660 -E669		T142 -T143
G000 -G129	A1690	T149
G950 -G959	A180	M T910
G961	M B200 -B24	T911
M G970 -G979	E660 -E669	M T912
I10 -I139	M M470 -M478	M T918 -T919
I600 -I709	M479	M T940 -T941
I749	N924	M V010 -Y899
M M000 -M1990	N950 -N959	
M300 -M359	R54	--- M481 ---
M45 -M549	M R75	
M800 -M819	M S000 -T983	B200 -B24
M840 -M844		M481
M870	--- M480 ---	R75
M890 -M899		
N924	A1690	--- M482 ---
N950 -N959	A180	
M N990 -N999	A190 -A199	B200 -B24
P000 -Q079	A527	E660 -E669
Q250 -Q289	A539	M482
Q850 -Q999	B200 -B24	N924
R54	B902	N950 -N959
R75	C412	R54
M S000 -Y899	C760	R75
	C763	M S000 -T983
--- M472 ---	C770	
	C795	--- M483 ---
A000 -D489	C810 -C969	
E210 -E215	D166	B200 -B24

```
   --- M483 ---     |     --- M488 ---     |     --- M489 ---
      CONTINUED      |        CONTINUED      |        CONTINUED
      M483           |      C795             |      D860 -D869
      M489           |      C810 -C969       |      E40  -E559
      R75            |      D166             |      M000 -M1990
  M S000 -T983       |      D45              |      M250 -M629
                     |      D470 -D480       |      M800 -M851
 --- M484 -M485  --- |      D860 -D869       |      M853 -M859
                     |      E40  -E559       |      M870 -M899
  M A180             |      M000 -M1990      |      M932 -M949
     A500 -A509      |      M250 -M629       |      M960 -M969
     A527 -A539      |      M800 -M851       |      Q650 -Q799
     A666            |      M853 -M859       |      R75
     B200 -B24       |      M870 -M899       |      S120 -S133
     C000 -C97       |      M932 -M949       |      S199
     D166            |      M960 -M969       |      S220 -S232
     D169            |      R75              |      S299
     D480            |      S120 -S133       |      S320 -S322
     D489            |      S199             |      S327 -S333
     E210 -E215      |      S220 -S232       |  M S399
     E550 -E559      |      S299             |      T021
  M E896 -E899       |      S320 -S322       |  M T028
     M000 -M1990     |      S327 -S333       |      T029 -T031
     M320 -M351      |  M S399              |   M T038
     M359            |      T021             |      T039
     M420 -M429      |  M T028              |      T07  -T08
     M45  -M519      |      T029 -T031       |      T099
     M600            |  M T038              |      T142 -T143
     M800 -M839      |      T039             |      T149
     M843 -M851      |      T07  -T08        |  M T910
     M854 -M889      |      T099             |      T911
     M893 -M895      |      T142 -T143       |  M T912
     M898 -M939      |      T149             |  M T918 -T919
     M941 -M949      |  M T910              |   M T940 -T941
     M960            |      T911             |  M V010 -Y899
  M M966 -M969       |  M T912              |
     Q770 -Q789      |  M T918 -T919         |     --- M502 ---
     Q799            |  M T940 -T941         |
     R54             |  M V010 -Y899         |      M502
     R75             |                       |  M S000 -T983
  M T800 -T819       |     --- M489  ---     |
     T840 -T849      |                       |     --- M503 ---
  M T873 -T881       |      A1690            |
  M T888 -T889       |      A180             |      M150 -M1990
                     |      A190 -A199       |      M470 -M479
    --- M488  ---    |      A527             |      M503
                     |      A539             |  M M898 -M899
     A1690           |      B200 -B24        |  M M948 -M949
     A180            |      B902             |      R54
     A190 -A199      |      C412             |  M S000 -T983
     A527            |      C760             |
     A539            |      C763             |     --- M512  ---
     B200 -B24       |      C770             |
     B902            |      C795             |      M512
     C412            |      C810 -C969       |  M S000 -T983
     C760            |      D166             |
     C763            |      D45              |
     C770            |      D470 -D480       |
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

```
    --- M513  ---       |     --- M546  ---      |      --- M601   ---
                        |                        |        CONTINUED
      M150 -M1990       |      M45  -M549        |      R75
      M470 -M479        |                        |    M S000 -Y899
      M513              |     --- M548  ---      |
    M M898 -M899        |                        |      --- M602   ---
    M M948 -M949        |    M B200 -B24         |
      R54               |    M I710 -I719        |      B200 -B24
    M S000 -T983        |      M45  -M549        |      B91
                        |    M R75               |      C000 -D489
    --- M514  ---       |                        |      E230
                        |     --- M549  ---      |      E511 -E52
      M514              |                        |      E639
    M S000 -T983        |    M B200 -B24         |    M E750 -E752
                        |    M I710 -I719        |    M E754
    --- M540  ---       |      M45  -M549        |    M E890 -E899
                        |    M M800 -M819        |      F100 -F102
      M45  -M549        |    M R75               |      F109
                        |                        |      G10  -G419
    --- M541  ---       |     --- M600  ---      |      G450 -G98
                        |                        |      I600 -I709
      A000 -D489        |    M A000 -B99         |      I730 -I959
      E210 -E215        |      D869              |    M I970 -I979
    M F458              |      M600              |      I99
      I00  -I029        |      R75               |      K650
      M000 -M999        |    M S000 -T983        |      L89
      Q650 -Q799        |                        |      L97
      Q898              |     --- M601  ---      |      L984
      R54               |                        |      M000 -M999
      R75               |      A1690             |      Q000 -Q079
      S000 -T149        |      A529              |      Q650 -Q799
      T200 -T982        |      A539              |      Q900 -Q999
      V010 -Y369        |      B200 -B24         |      R75
      Y850 -Y872        |      B91               |    M S000 -Y899
      Y890 -Y899        |      C000 -D489        |
                        |      D869              |    --- M608 -M609   ---
--- M542 -M543   ---    |      E230              |
                        |      E511 -E52         |      A000 -D489
      M45  -M549        |      E639              |      D869
                        |    M E750 -E752        |      E210 -E215
    --- M544  ---       |    M E754              |    M F458
                        |    M E890 -E899        |      I00  -I029
      B200 -B24         |      F100 -F102        |      M000 -M999
      M45  -M549        |      F109              |      Q650 -Q799
    M M800 -M819        |      G10  -G419        |      Q898
      R75               |      G450 -G98         |      R54
                        |      I600 -I709        |      R75
    --- M545  ---       |      I730 -I959        |      S000 -T149
                        |    M I970 -I979        |      T200 -T982
      M000 -M052   *    |      I99               |      V010 -Y369
    M M053       *      |      K650              |      Y850 -Y872
      M058 -M089   *    |      L89               |      Y890 -Y899
      M110 -M179   *    |      L97               |
      M190 -M1990  *    |      L984              |      --- M610   ---
      M45  -M549        |      M000 -M999        |
      M800 -M819        |      Q000 -Q079        |      M610
      M840 -M899        |      Q650 -Q799        |      T092
                        |      Q900 -Q999        |      T911 -T912
```

```
--- M610 ---        |   --- M620 ---        |   --- M624  ---
   CONTINUED        |      CONTINUED        |
   T921 -T923       |      I730 -I959       |      B200 -B24
   T925 -T926       |    M I970 -I979       |      B91
   T931 -T933       |      I99              |      C000 -D489
   T935 -T936       |      K650             |      E230
   T940 -T941       |    M K910 -K919       |      E511 -E52
                    |      L89              |      E639
   --- M611 ---     |      L97              |    M E750 -E752
                    |      L984             |    M E754
   E100 -E149       |      M000 -M999       |      E890 -E899
   M611             |      Q000 -Q079       |      F100 -F102
                    |      Q650 -Q799       |      F109
   --- M612 ---     |      Q900 -Q999       |      F449
                    |      R75              |      G10  -G419
   G810 -G839       |    M S000 -Y899       |      G450 -G98
   M612             |                       |      I600 -I709
                    |      --- M621  ---     |      I730 -I959
   --- M613 ---     |                       |    M I970 -I979
                    |      B200 -B24        |      I99
   M613             |      B91              |      K650
   T200 -T257       |      C000 -D489       |    M K910 -K919
   T300 -T329       |      E230             |      L89
 M T950 -T959       |      E511 -E52        |      L97
                    |      E639             |      L984
   --- M614 ---     |    M E750 -E752       |      M000 -M999
                    |    M E754             |      Q000 -Q079
   E100 -E149       |      F100 -F102       |      Q650 -Q799
   M614             |      F109             |      Q900 -Q999
                    |      G10  -G419       |      R75
   --- M615 ---     |      G450 -G98        |    M S000 -Y899
                    |      I600 -I709       |
   E100 -E149       |      I730 -I959       |      --- M625  ---
   M615             |      I99              |
                    |      K650             |      A539
   --- M619 ---     |      L89              |      B200 -B24
                    |      L97              |      B91
   B200 -B24        |      L984             |      C000 -D489
   E100 -E149       |      M000 -M999       |      E230
   M619             |      Q000 -Q079       |      E511 -E52
   R75              |      Q650 -Q799       |      E639
                    |      Q900 -Q999       |    M E750 -E752
   --- M620 ---     |      R75              |    M E754
                    |                       |    M E890 -E899
   B200 -B24        |      --- M622  ---     |      F100 -F102
   B91              |                       |      F109
   C000 -D489       |      B200 -B24        |      G10  -G419
   E230             |      M622             |      G450 -G98
   E511 -E52        |      R75              |      I600 -I709
   E639             |                       |      I730 -I959
 M E750 -E752       |      --- M623  ---     |    M I970 -I979
 M E754             |                       |      I99
 M E890 -E899       |      B200 -B24        |      L89
   F100 -F102       |      G820 -G825       |      L97
   F109             |      M623             |      L984
   G10  -G419       |      R75              |      M000 -M999
   G450 -G98        |                       |      Q000 -Q079
   I600 -I709       |                       |      Q650 -Q799
```

--- M625 ---	--- M629 ---	--- M722 ---
CONTINUED	CONTINUED	
Q900 -Q999	G450 -G98	B200 -B24
R75	I600 -I709	M722
M S000 -Y899	I730 -I959	R75
	M I970 -I979	
--- M626 ---	I99	--- M724 ---
	L89	
B200 -B24	L97	B200 -B24
M626	L984	M724
R75	M000 -M999	R75
	Q000 -Q079	
--- M628 ---	Q650 -Q799	--- M726 ---
	Q900 -Q999	
B200 -B24	R75	A000 -D489
B91	M S000 -Y899	E100 -E149
C000 -D489		E210 -E215
E230	--- M651 -M658 ---	E660 -E669
E511 -E52		M F110 -F199
E639	A1690	M F458
M E750 -E752	A180	I00 -I029
M E754	A500	I700 -I709
M E890 -E899	A509	I730 -I739
F100 -F102	A540 -A541	K570 -K579
F109	A544	K610 -K614
G10 -G419	B200 -B24	K630 -K639
G450 -G98	M650 -M659	L00 -L089
I600 -I709	R75	M L400 -L409
I730 -I959		L89
M I970 -I979	--- M659 ---	L97 *
I99		M000 -M999
K650	A1690	N340
M K910 -K919	A180	N390
L89	A500	N490 -N499
L97	A502	Q650 -Q799
L984	A509	Q898
M000 -M999	A529	R02
M N170 -N19	A539 -A541	R54
Q000 -Q079	A544	R75
Q650 -Q799	A549	S000 -T149
Q900 -Q999	B200 -B24	T200 -T758
R75	M650 -M659	T790 -T799
M S000 -Y899	R75	V010 -Y369
		Y850 -Y872
--- M629 ---	--- M720 ---	Y890 -Y899
B200 -B24	B200 -B24	--- M728 -M729 ---
B91	M720	
C000 -D489	R75	A000 -D489
E230		E100 -E149
E511 -E52	--- M721 ---	E210 -E215
E639		M F110 -F199
M E750 -E752	B200 -B24	M F458
M E754	M721	I00 -I029
M E890 -E899	R75	I700 -I709
F100 -F102		I730 -I739
F109		K570 -K579
G10 -G419		K610 -K614

```
                              TABLE D
           CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


--- M728 -M729  --- | --- M790 -M792  --- |   --- M804   ---
      CONTINUED      |       CONTINUED     |      CONTINUED
      K630 -K639     |      T200 -T758     |      Y400 -Y599
      L00  -L089     |      T790 -T799     |
    M L400 -L409     |      V010 -Y369     |   --- M805   ---
      L89            |      Y850 -Y872     |
      L97          * |      Y890 -Y899     |      M805
      M000 -M999     |                     |
      N170 -N19      |    --- M793  ---    |   --- M808   ---
      N340           |                     |
      N490 -N499     |    M B200 -B24      |      A180
      Q650 -Q799     |    M C000 -C969     |      A527
      Q898           |    M D059         * |      A539
      R02            |    M D24          * |      C400 -C419
      R54            |    M D486         * |      C795
      R75            |      M793            |      C810 -C969
      S000 -T149     |    M N600 -N649   * |      E050 -E059
      T200 -T758     |    M R75            |      E100 -E149
      T790 -T799     |                     |      E210 -E213
      V010 -Y369     |    --- M794  ---    |      E220
      Y850 -Y872     |                     |      E240 -E249
      Y890 -Y899     |    M B200 -B24      |      E280 -E299
                     |      M793 -M794     |      E40  -E649
   --- M758   ---    |    M R75            |      E740 -E749
                     |                     |      K500 -K509
      A1690          | --- M796 -M799  --- |      K700 -K719
      A180           |                     |      K7210-K769
    M B200 -B24      |      A000 -D489     |      K900 -K901
      M258           |      E210 -E215     |      M000 -M1990
      M758           |    M F458           |      M320 -M351
      M860 -M869     |      I00  -I029     |      M359
    M R75            |      M000 -M999     |      M800 -M859
                     |      Q650 -Q799     |      M870
   --- M759   ---    |      Q898           |    M M878
                     |      R54            |      M890 -M899
      A1690          |      R75            |      M940 -M949
      A180           |      S000 -T149     |      N924
      A527           |      T200 -T758     |      N950 -N959
      A539           |      T790 -T799     |      Q500 -Q503
    M B200 -B24      |      V010 -Y369     |      Q528 -Q529
      M000 -M1990    |      Y850 -Y872     |      Q560 -Q564
      M259           |      Y890 -Y899     |      Q773
      M759           |                     |      Q776
    M R75            |    --- M800  ---    |      Q780 -Q783
    M T840 -T849     |                     |      Q788 -Q789
                     |      M800           |      Q969
--- M790 -M792  --- |    M N924           |      R54
                     |      N950 -N959     |      Y427
      A000 -D489     |                     |
      E210 -E215     |    --- M803  ---    |   --- M809   ---
    M F458           |                     |
      I00  -I029     |      K912           |      A180
      M000 -M999     |      M803           |      A527
      Q650 -Q799     |                     |      A539
      Q898           |    --- M804  ---    |      B200 -B24
      R54            |                     |      C400 -C419
      R75            |      M804           |      C795
      S000 -T149     |      T360 -T509     |      C810 -C969

                          D-285   (10-04)
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```
    --- M809  ---      |    --- M815  ---     |    --- M831   ---
       CONTINUED       |                      |
      E050 -E059       |      M805            |      M831
      E100 -E149       |      M815            |      R54
      E210 -E213       |                      |
      E220             |    --- M816  ---     |    --- M832   ---
      E240 -E249       |                      |
      E280 -E299       |      B200 -B24       |      K900 -K909
      E40  -E649       |      M816            |      K912
      E740 -E749       |      R75             |      M832
      K500 -K509       |                      |
      K700 -K719       |  --- M818 -M819  --- |    --- M833   ---
      K7210-K769       |                      |
      K900 -K901       |      A180            |      B200 -B24
      M000 -M1990      |      A527            |      E40  -E46
      M320 -M351       |      A539            |      E550 -E559
      M359             |      B200 -B24       |      M833
      M800 -M859       |      C400 -C419      |      R75
      M870             |      C795            |
   M  M878             |      C810 -C969      |    --- M834   ---
      M890 -M899       |      E050 -E059      |
      M940 -M949       |      E100 -E149      |      M834
      N924             |      E210 -E213      |      Y451
      N950 -N959       |      E220            |      Y527
      Q500 -Q503       |      E240 -E249      |      Y531
      Q528 -Q529       |      E280 -E299      |      Y536
      Q560 -Q564       |      E40  -E649      |      Y560
      Q773             |      E740 -E749      |      Y562
      Q776             |      K500 -K509      |
      Q780 -Q783       |      K700 -K719      |    --- M835   ---
      Q788 -Q789       |      K7210-K769      |
      Q969             |      K900 -K901      |      M835
      R54              |      M000 -M1990     |      T360 -T509
      R75              |      M320 -M351      |      Y400 -Y599
      Y427             |      M359            |
                       |      M800 -M859      |    --- M838   ---
    --- M810  ---      |      M870            |
                       |   M  M878            |      A000 -D489
      M800             |      M890 -M899      |      D891 -D892
      M810             |      M940 -M949      |      E050 -E059
   M  N924             |      N924            |      E100 -E149
      N950 -N959       |      N950 -N959      |      E168
                       |      Q500 -Q503      |      E210 -E213
    --- M813  ---      |      Q528 -Q529      |      E240 -E279
                       |      Q560 -Q564      |      E340
      K912             |      Q773            |      E500 -E54
      M803             |      Q776            |      E560 -E889
      M813             |      Q780 -Q783      |      E896 -E899
                       |      Q788 -Q789      |      F100 -F102
    --- M814  ---      |      Q969            |      F109 -F112
                       |      R54             |      F119 -F122
      M804             |      R75             |      F129 -F132
      M814             |      Y427            |      F139 -F142
      T360 -T509       |                      |      F149 -F152
      Y400 -Y599       |    --- M830  ---     |      F159 -F162
                       |                      |      F169 -F172
                       |      M830            |      F179 -F182
                       |      O000 -O998      |      F189 -F192
                       |
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   --- M838 ---      |      --- M839 ---      |      --- M843  ---
     CONTINUED        |        CONTINUED        |        CONTINUED
     F199             |      F500 -F503         |    M E896 -E899
M  F453                |      F505 -F509         |      M000 -M1990
     F500 -F503        |      F55                |      M320 -M351
     F505 -F509        |      I00  -I099         |      M359
     F55              |      I311               |      M420 -M429
     I00  -I099        |      I500 -I509         |      M45  -M519
     I311             |      I890               |      M600
     I500 -I509        |    M I970 -I979         |      M800 -M839
     I890             |      K20  -K929         |      M843 -M851
M  I970 -I979          |      L850 -L852         |      M854 -M889
     K20  -K929        |      L940               |      M893 -M895
     L850 -L852        |      M100 -M109         |      M898 -M939
     L940             |      M300 -M319         |      M941 -M949
     M100 -M109        |      M838 -M839         |      M960
     M300 -M319        |    M M960 -M969         |    M M966 -M969
     M838 -M839        |      N000 -N399         |      Q770 -Q789
M  M960 -M969          |    M N990 -N999         |      Q799
     N000 -N399        |      P000 -P969         |      R54
M  N990 -N999          |      Q380 -Q459         |    M T810 -T819
     P000 -P969        |      Q900 -Q999         |    M T840 -T849
     Q380 -Q459        |      R11                |    M T870 -T889
     Q900 -Q999        |    M R54                |
     R11              |      R58  -R5800        |      --- M844  ---
     R58  -R5800       |      R630               |
     R630             |      R632               |
     R632             |      R75                |      A180
     R75              |      S000 -T357         |      A500 -A509
     S000 -T357        |      T510 -Y369         |      A521           *
     T510 -Y369        |      Y600 -Y899         |      A527 -A539
     Y600 -Y899        |                         |      A666
                       |                         |      C000 -C97
   --- M839  ---       | --- M840 -M842  --- |      D160 -D169
                       |                         |      D480
     A000 -D489        |      M840 -M849         |      D489
     D891 -D892        |      T902               |      E210 -E215
     E050 -E059        |    M T908               |      E550 -E559
     E100 -E149        |      T911 -T912         |    M E896 -E899
     E168             |    M T918               |      M000 -M1990
     E210 -E213        |      T921 -T923         |      M320 -M351
     E240 -E279        |      T925 -T926         |      M359
     E340             |      T931 -T933         |      M420 -M429
     E500 -E54         |      T935 -T936         |      M45  -M519
     E560 -E889        |    M Y850 -Y872         |      M600
     E896 -E899        |    M Y890 -Y899         |      M800 -M839
     F100 -F102        |                         |      M843 -M851
     F109 -F112        |      --- M843  ---       |      M854 -M889
     F119 -F122        |                         |      M893 -M895
     F129 -F132        |      A180               |      M898 -M939
     F139 -F142        |      A500 -A509         |      M941 -M949
     F149 -F152        |      A527 -A539         |      M960
     F159 -F162        |      A666               |    M M966 -M969
     F169 -F172        |      C000 -C97          |      Q770 -Q789
     F179 -F182        |      D160 -D169         |      Q799
     F189 -F192        |      D480               |      R54
     F199             |      D489               |    M T810 -T819
M  F453                |      E210 -E215         |    M T840 -T849
                       |      E550 -E559         |    M T870 -T889
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                              TABLE D
           CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


--- M848 -M849  --- | --- M848 -M849   --- | --- M858 -M859   ---
                    |        CONTINUED     |        CONTINUED
      A1690         |   M T912             |      S899
      A180          |   M T918 -T919       |      S920 -S931
      A190 -A199    |     T921 -T923       |      S933
      A527          |     T929             |      S999
      A539          |     T931 -T933       |      T021 -T039
      B902          |     T939             |      T07  -T08
      C410 -C419    |   M T940 -T941       |      T099 -T10
      C760          |   M V010 -Y899       |      T12
      C763          |                      |   M  T132
      C770          |     --- M853  ---    |      T139
      C795          |                      |      T142 -T143
      C810 -C969    |     M853             |      T149
      D160 -D169    |                      |      T902
      D45           | --- M858 -M859   --- |   M  T908
      D470 -D480    |                      |      T911
      D860 -D869    |      A1690           |   M  T912
      E40  -E559    |      A180            |   M  T918 -T919
      M000 -M1990   |      A190 -A199      |      T921 -T923
      M250 -M629    |      A527            |      T929
      M800 -M851    |      A539            |      T931 -T933
      M853 -M859    |      B902            |      T939
      M870 -M899    |      C410 -C419      |   M  T940 -T941
      M932 -M949    |      C760            |   M  V010 -Y899
      M960 -M969    |      C763            |
      Q650 -Q799    |      C770            | --- M860 -M862   ---
      S020 -S033    |      C795            |
      S120 -S133    |      C810 -C969      |      A1690
      S199          |      D160 -D169      |      A180
      S220 -S232    |      D45             |      A400 -A419
      S299          |      D470 -D480      |      A502
      S320 -S333    |      D860 -D869      |      A509
   M  S399          |      E40  -E559      |      A539
      S420 -S433    |      M000 -M1990     |      A549
      S499          |      M250 -M629      |      A669
      S520 -S531    |      M800 -M851      |      B200 -B24
      S599          |      M853 -M859      |      B679
      S620 -S632    |      M870 -M899      |      B89
      S699          |      M932 -M949      |      B99
      S720 -S730    |      M960 -M969      |      C400 -C419
      S799          |      Q650 -Q799      |      C763
      S820 -S831    |      S020 -S033      |      C795
      S899          |      S120 -S133      |      C810 -C969
      S920 -S931    |      S199            |      D160 -D169
      S933          |      S220 -S232      |      D480
      S999          |      S299            |      D550 -D589
      T021 -T039    |      S320 -S333      |      G20  -G2000
      T07  -T08     |   M  S399           |      H650 -H669
      T099 -T10     |      S420 -S433      |   M  H950 -H959
      T12           |      S499            |      J00  -J399
   M  T132          |      S520 -S531      |   M  J950 -J959
      T139          |      S599            |      K650 -K659
      T142 -T143    |      S620 -S632      |   M  K910 -K919
      T149          |      S699            |      L00  -L089
      T902          |      S720 -S730      |      M000 -M1990
   M  T908          |      S799            |      M320 -M351
      T911          |      S820 -S831      |      M359
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--- M860 -M862 ---	--- M868 ---	--- M869 ---
CONTINUED		CONTINUED
M420 -M429	A1690	A500
M45 -M479	A180	A502
M600	A400 -A419	A509
M860 -M889	A500	A514
M894	A502	A527
M910 -M939	A509	A539
M M960 -M969	A527	A549
N10 -N12	A539	A669
N136	A549	B200 -B24
N151	A669	B679
N159	B200 -B24	B89
N288	B679	B902
N340 -N343	B89	B99
N390	B902	C410 -C419
N700 -N768	B99	C760
M N990 -N999	C410 -C419	C795
R75	C760	C810 -C969
M S000 -T983	C795	D160 -D169
	C810 -C969	D480
--- M863 -M866 ---	D160 -D169	D550 -D589
	D480	H650 -H669
M A000 -A399	D550 -D589	M H950 -H959
A400 -A419	H650 -H669	J00 -J399
M A420 -B889	M H950 -H959	M J950 -J959
B89	J00 -J399	K650 -K659
M B900 -B949	M J950 -J959	M K910 -K919
B99	K650 -K659	L00 -L089
C400 -C419	M K910 -K919	M000 -M1990
C763	L00 -L089	M320 -M351
C795	M000 -M1990	M359
C810 -C969	M320 -M351	M420 -M429
D160 -D169	M359	M45 -M519
D480	M420 -M429	M600
D550 -D589	M45 -M519	M860 -M889
H650 -H669	M600	M894
J00 -J399	M860 -M889	M910 -M939
M L00 -L089	M894	M M960 -M969
M M000 -M1990	M910 -M939	N10 -N12
M M320 -M351	M M960 -M969	N136
M M359	N10 -N12	N151
M M420 -M429	N136	N159
M M45 -M461	N151	N288
M462	N159	N340 -N343
M M463 -M479	N288	N390
M M600	N340 -N343	N700 -N768
M860 -M869	N390	M N990 -N999
M M870 -M889	N700 -N768	R75
M M894	M N990 -N999	S000 -T983
M M910 -M939	R75	
M N340 -N343	S000 -T983	--- M870 ---
M N390		
M N700 -N768	--- M869 ---	M870
R75		
M S000 -T983	A1690	--- M871 ---
	A180	
	A400 -A419	M871

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

--- M871 ---	--- M878 ---	--- M879 ---
CONTINUED	CONTINUED	CONTINUED
T360 -T509	D160 -D169	M M894
Y400 -Y599	D480	M M910 -M939
	D550 -D589	M N340 -N343
--- M872 ---	H650 -H669	M N390
	J00 -J399	M N700 -N768
	M L00 -L089	R75
M872	M M000 -M1990	M S000 -T983
M S000 -T983	M M320 -M351	
	M M359	--- M880 -M889 ---
--- M873 ---	M M420 -M429	
	M M45 -M461	M880 -M889
M A000 -A399	M462	
A400 -A419	M M463 -M479	--- M891 ---
M A420 -B889	M M600	
B89	M860 -M869	A1690
M B900 -B949	M M870 -M873	A180
B99	M878	A190 -A199
C400 -C419	M M879 -M889	A527
C763	M M894	A539
C795	M M910 -M939	B902
C810 -C969	M N340 -N343	C410 -C419
D160 -D169	M N390	C760
D480	M N700 -N768	C763
D550 -D589	R75	C770
H650 -H669	M S000 -T983	C795
J00 -J399		C810 -C969
M L00 -L089	--- M879 ---	D160 -D169
M M000 -M1990		D45
M M320 -M351		D470 -D480
M M359	M A000 -A399	D860 -D869
M M420 -M429	A400 -A419	E40 -E559
M M45 -M461	M A420 -B889	M000 -M1990
M462	B89	M250 -M629
M M463 -M479	M B900 -B949	M800 -M851
M M600	B99	M853 -M859
M860 -M870	C400 -C419	M870 -M899
M873	C763	M932 -M949
M M878 -M889	C795	M960 -M969
M M894	C810 -C969	Q650 -Q799
M M910 -M939	D160 -D169	S020 -S033
M N340 -N343	D480	S120 -S133
M N390	D550 -D589	S199
M N700 -N768	H650 -H669	S220 -S232
R75	J00 -J399	S299
	M L00 -L089	S320 -S333
--- M878 ---	M M000 -M1990	M S399
	M M320 -M351	S420 -S433
M A000 -A399	M M359	S499
A400 -A419	M M420 -M429	S520 -S531
M A420 -B889	M M45 -M461	S599
B89	M462	S620 -S632
M B900 -B949	M M463 -M479	S699
B99	M M600	S720 -S730
C400 -C419	M860 -M869	S799
C763	M M870 -M878	S820 -S831
C795	M879	S899
C810 -C969	M M880 -M889	

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   --- M891  ---    |    --- M892  ---    |    --- M893   ---
      CONTINUED      |       CONTINUED      |       CONTINUED
      S920 -S931     |       S320 -S333     |       M800 -M851
      S933           |    M  S399           |       M853 -M859
      S999           |       S420 -S433     |       M870 -M899
      T021 -T039     |       S499           |       M932 -M949
      T07  -T08      |       S520 -S531     |       M960 -M969
      T099 -T10      |       S599           |       Q650 -Q799
      T12            |       S620 -S632     |       S020 -S033
   M  T132           |       S699           |       S120 -S133
      T139           |       S720 -S730     |       S199
      T142 -T143     |       S799           |       S220 -S232
      T149           |       S820 -S831     |       S299
      T902           |       S899           |       S320 -S333
   M  T908           |       S920 -S931     |    M  S399
      T911           |       S933           |       S420 -S433
   M  T912           |       S999           |       S499
   M  T918 -T919     |       T021 -T039     |       S520 -S531
      T921 -T923     |       T07  -T08      |       S599
      T929           |       T099 -T10      |       S620 -S632
      T931 -T933     |       T12            |       S699
      T939           |    M  T132           |       S720 -S730
   M  T940 -T941     |       T139           |       S799
   M  V010 -Y899     |       T142 -T143     |       S820 -S831
                     |       T149           |       S899
   --- M892  ---    |       T902           |       S920 -S931
                     |    M  T908           |       S933
      A1690          |       T911           |       S999
      A180           |    M  T912           |       T021 -T039
      A190 -A199     |    M  T918 -T919     |       T07  -T08
      A527           |       T921 -T923     |       T099 -T10
      A539           |       T929           |       T12
      B902           |       T931 -T933     |    M  T132
      C410 -C419     |       T939           |       T139
      C760           |    M  T940 -T941     |       T142 -T143
      C763           |    M  V010 -Y899     |       T149
      C770           |                      |       T902
      C795           |     --- M893  ---    |    M  T908
      C810 -C969     |                      |       T911
      D160 -D169     |       A1690          |    M  T912
      D45            |       A180           |    M  T918 -T919
      D470 -D480     |       A190 -A199     |       T921 -T923
      D860 -D869     |       A527           |       T929
      E40  -E559     |       A539           |       T931 -T933
      G09            |       B902           |       T939
      M000 -M1990    |       C410 -C419     |    M  T940 -T941
      M250 -M629     |       C760           |    M  V010 -Y899
      M800 -M851     |       C763           |
      M853 -M859     |       C770           |     --- M894   ---
      M870 -M899     |       C795           |
      M932 -M949     |       C810 -C969     |       M894
      M960 -M969     |       D160 -D169     |
      Q650 -Q799     |       D45            |     --- M895   ---
      S020 -S033     |       D470 -D480     |
      S120 -S133     |       D860 -D869     |       A180
      S199           |       E40  -E559     |       A527
      S220 -S232     |       M000 -M1990    |       A539
      S299           |       M250 -M629     |       C400 -C419
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                              TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


   --- M895  ---     |    --- M898  ---     |    --- M899  ---
      CONTINUED      |       CONTINUED      |       CONTINUED
      C795           |  M D160 -D169        |     A180
      C810 -C969     |    D45               |     A190 -A199
      E050 -E059     |  M D470 -D480        |     A527
      E100 -E149     |    D860 -D869        |     A539
      E210 -E213     |    E40  -E559        |     A549
      E220           |    M000 -M1990       |     B200 -B24
      E240 -E249     |    M250 -M629        |     B902
      E280 -E299     |    M800 -M851        |     C410 -C419
      E40  -E649     |    M853 -M859        |     C760
      E740 -E749     |    M870 -M899        |     C763
      K500 -K509     |    M932 -M949        |     C770
      K700 -K719     |    M960 -M969        |     C795
      K7210-K769     |    Q650 -Q799        |     C810 -C969
      K900 -K901     |    S020 -S033        |     D160 -D169
      M000 -M1990    |    S120 -S133        |     D45
      M320 -M351     |    S199              |     D470 -D480
      M359           |    S220 -S232        |     D860 -D869
      M800 -M859     |    S299              |     E100 -E149    *
      M870           |    S320 -S333        |     E40  -E559
  M M878             |  M S399              |     M000 -M1990
      M890 -M899     |    S420 -S433        |     M250 -M629
      M940 -M949     |    S499              |     M800 -M851
      N924           |    S520 -S531        |     M853 -M859
      N950 -N959     |    S599              |     M870 -M899
      Q500 -Q503     |    S620 -S632        |     M932 -M949
      Q528 -Q529     |    S699              |     M960 -M969
      Q560 -Q564     |    S720 -S730        |     Q650 -Q799
      Q773           |    S799              |     R75
      Q776           |    S820 -S831        |     S020 -S033
      Q780 -Q783     |    S899              |     S120 -S133
      Q788 -Q789     |    S920 -S931        |     S199
      Q969           |    S933              |     S220 -S232
      R54            |    S999              |     S299
      Y427           |    T021 -T039        |     S320 -S333
                     |    T07  -T08         |   M S399
   --- M896  ---     |    T099 -T10         |     S420 -S433
                     |    T12               |     S499
      A800 -A809     |  M T132              |     S520 -S531
      B91            |    T139              |     S599
      M896           |    T142 -T143        |     S620 -S632
                     |    T149              |     S699
   --- M898  ---     |    T902              |     S720 -S730
                     |  M T908              |     S799
      A1690          |    T911              |     S820 -S831
      A180           |  M T912              |     S899
      A190 -A199     |  M T918 -T919        |     S920 -S931
      A527           |    T921 -T923        |     S933
      A539           |    T929              |     S999
      B902           |    T931 -T933        |     T021 -T039
  M C400 -C419       |    T939              |     T07  -T08
      C760           |  M T940 -T941        |     T099 -T10
      C763           |  M V010 -Y899        |     T12
      C770           |                      |   M T132
  M C795             |    --- M899  ---      |     T139
  M C80              |                      |     T142 -T143
      C810 -C969     |      A1690           |     T149
                      D-292   (10-04)
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                        TABLE D
    CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


     --- M899  ---     |     --- M940  ---     |  --- M941 -M948   ---
        CONTINUED      |                       |         CONTINUED
        T902           |      A1690            |      T142 -T143
    M   T908           |      M940             |      T149
        T911           |                       |      T902
    M   T912           |  --- M941 -M948  ---  |  M   T908
    M   T918 -T919     |                       |      T911
        T921 -T923     |      A1690            |  M   T912
        T929           |      A180             |  M   T918 -T919
        T931 -T933     |      A190 -A199       |      T921 -T923
        T939           |      A527             |      T929
    M   T940 -T941     |      A539             |      T931 -T933
    M   V010 -Y899     |      B902             |      T939
                       |      C410 -C419       |  M   T940 -T941
  --- M910 -M925  ---  |      C760             |  M   V010 -Y899
                       |      C763             |
                       |      C770             |     --- M949   ---
        A1690          |      C795             |
        M910 -M929     |      C810 -C969       |      A1690
                       |      D160 -D169       |      A180
                       |      D45              |      A190 -A199
  --- M927 -M929  ---  |      D470 -D480       |      A527
                       |      D860 -D869       |      A539
        A1690          |      E40  -E559       |  M   B200 -B24
        M910 -M929     |      M000 -M1990      |      B902
                       |      M250 -M629       |      C410 -C419
     --- M930  ---     |      M800 -M851       |      C760
                       |      M853 -M859       |      C763
        A1690          |      M870 -M899       |      C770
        M930           |      M932 -M949       |      C795
                       |      M960 -M969       |      C810 -C969
     --- M931  ---     |      Q650 -Q799       |      D160 -D169
                       |      S020 -S033       |      D45
        A1690          |      S120 -S133       |      D470 -D480
        M931           |      S199             |      D860 -D869
                       |      S220 -S232       |      E40  -E559
     --- M932  ---     |      S299             |      M000 -M1990
                       |      S320 -S333       |      M250 -M629
        A1690          |  M   S399             |      M800 -M851
        M932           |      S420 -S433       |      M853 -M859
        S799           |      S499             |      M870 -M899
        S899           |      S520 -S531       |      M932 -M949
        S999           |      S599             |      M960 -M969
        T939           |      S620 -S632       |      Q650 -Q799
                       |      S699             |  M   R75
     --- M938  ---     |      S720 -S730       |      S020 -S033
                       |      S799             |      S120 -S133
        A1690          |      S820 -S831       |      S199
        M938           |      S899             |      S220 -S232
                       |      S920 -S931       |      S299
     --- M939  ---     |      S933             |      S320 -S333
                       |      S999             |  M   S399
        A1690          |      T021 -T039       |      S420 -S433
        A500           |      T07  -T08        |      S499
        A502           |      T099 -T10        |      S520 -S531
        A509           |      T12              |      S599
        A539           |  M   T132             |      S620 -S632
    M   B200 -B24      |      T139             |      S699
        M939           |                       |
    M   R75            |                       |
                           D-293   (10-04)
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   --- M949  ---       |      --- M954  ---      |      --- M966   ---
      CONTINUED        |         CONTINUED       |
      S720 -S730       |         M860 -M889      |         M966
      S799             |         M894 -M896      |       M Y831 -Y832
      S820 -S831       |         M910 -M939      |       M Y883
      S899             |         M950 -M959      |
      S920 -S931       |       M M960 -M969      |         --- M968   ---
      S933             |         Q311 -Q349      |
      S999             |         Q760 -Q795      |         M968
      T021 -T039       |       M S000 -Y899      |         Y600 -Y849
      T07  -T08        |                         |         Y881
      T099 -T10        |      --- M959  ---       |         Y883
      T12              |                         |
   M  T132             |         B91             |         --- M969   ---
      T139             |         M000 -M959      |
      T142 -T143       |                         |         M969
      T149             |      --- M960  ---       |         Y600 -Y849
      T902             |                         |         Y881
   M  T908             |         M960            |         Y883
      T911             |       M Y831 -Y832      |
   M  T912             |       M Y834            |     --- N000 -N029   ---
   M  T918 -T919       |       M Y836 -Y838      |
      T921 -T923       |       M Y883            |         A000 -F169
      T929             |                         |         F180 -G419
      T931 -T933       |      --- M961   ---      |         G440 -G98
      T939             |                         |         H650 -H749
   M  T940 -T941       |         M961            |         I00  -J80
   M  V010 -Y899       |         Y836            |         J82  -J989
                       |       M Y883            |         K20  -K929
    --- M954   ---     |                         |       M L00  -L989
                       |      --- M962   ---      |         M000 -M1990
      A162 -A169       |                         |         M300 -M949
      A180             |         M962            |         M954 -N459
      A500 -A539       |         Y842            |         N480 -N96
      A800 -A809       |       M Y883            |         N980 -N999
      B902             |                         |         P000 -Q999
      B909 -B91        |      --- M963   ---      |         R02
      C300 -C419       |                         |         R53  -R54
      C780 -C783       |         M963            |         R570 -R579
      C795             |         Y836            |         R64
   M  C798             |       M Y883            |         R75
      E643             |                         |         R820 -R829
      G120 -G129       |      --- M964   ---      |         R960 -R961
      G35  -G379       |                         |         S000 -Y899
      G710 -G729       |         M964            |
      G810 -G839       |       M Y831 -Y832      |     --- N030 -N039   ---
      G950 -G959       |       M Y834            |
   M  G970 -G979       |       M Y836 -Y838      |       M A000 -B99
   M  J00  -J989       |       M Y883            |         C000 -F169
      M000 -M1990      |                         |         F180 -G419
      M220 -M259       |      --- M965   ---      |         G440 -G98
      M320 -M351       |                         |         H650 -H749
      M359 -M531       |         M965            |         I00  -I519
      M540 -M549       |         Y842            |       M I600 -I679
      M800 -M839       |       M Y883            |         I690 -I899
      M843 -M844       |                         |         I970 -J069
      M850             |                         |         J200 -J80
      M854 -M856       |                         |         J82  -J989
```

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--- N030 -N039 --- |    --- N049  ---   |    --- N059   ---
     CONTINUED      |      CONTINUED    |      CONTINUED
     K20  -K929     |    N980 -N999     |  M R609
 M  L00  -L989      |    P000 -Q999     |    R64
    M000 -M1990     |    R02            |    R75
    M300 -M949      |  M R090           |    R820 -R829
    M954 -N459      |    R53  -R54      |    R960 -R961
    N480 -N96       |    R570 -R579     |    S000 -Y899
    N980 -N999      |    R64            |
    P000 -Q999      |    R75            |  --- N060 -N069  ---
    R02             |    R820 -R829     |
    R53  -R54       |    R960 -R961     |    A000 -F169
    R570 -R579      |    S000 -Y899     |    F180 -G419
    R64             |                   |    G440 -G98
    R75             |  --- N050 -N058  --- |  H650 -H749
    R820 -R829      |                   |    I00  -J80
    R960 -R961      |    A000 -F169     |    J82  -J989
    S000 -Y899      |    F180 -G419     |    K20  -K929
                    |    G440 -G98      |  M L00  -L989
--- N040 -N048  --- |    H650 -H749     |    M000 -M1990
                    |    I00  -J80      |    M300 -M949
                    |    J82  -J989     |    M954 -N459
    A000 -F169      |    K20  -K929     |    N480 -N96
    F180 -G419      |  M L00  -L989     |    N980 -N999
    G440 -G98       |    M000 -M1990    |    P000 -Q999
    H650 -H749      |    M300 -M949     |    R02
    I00  -J80       |    M954 -N459     |    R53  -R54
    J82  -J989      |    N480 -N96      |    R570 -R579
    K20  -K929      |    N980 -N999     |    R64
 M  L00  -L989      |    P000 -Q999     |    R75
    M000 -M1990     |    R02            |    R820 -R829
    M300 -M949      |    R53  -R54      |    R960 -R961
    M954 -N459      |    R570 -R579     |    S000 -Y899
    N480 -N96       |    R64            |
    N980 -N999      |    R75            |    --- N070  ---
    P000 -Q999      |    R820 -R829     |
    R02             |    R960 -R961     |  M B659
    R53  -R54       |    S000 -Y899     |    N070
    R570 -R579      |                   |
    R64             |    --- N059  ---  |    --- N071  ---
    R75             |                   |
    R820 -R829      |    A000 -F169     |  M B659
    R960 -R961      |    F180 -G419     |    N071
    S000 -Y899      |    G440 -G98      |
                    |    H650 -H749     |    --- N072  ---
    --- N049  ---   |    I00  -J80      |
                    |    J82  -J989     |  M B659
    A000 -F169      |    K20  -K929     |    N072
    F180 -G419      |  M L00  -L989     |
    G440 -G98       |    M000 -M1990    |    --- N073  ---
    H650 -H749      |    M300 -M949     |
    I00  -J80       |    M954 -N459     |  M B659
    J82  -J989      |    N480 -N96      |    N073
    K20  -K929      |    N980 -N999     |
 M  L00  -L989      |    P000 -Q999     |    --- N074  ---
    M000 -M1990     |    R02            |
    M300 -M949      |    R53  -R54      |  M B659
    M954 -N459      |    R570 -R579     |    N074
    N480 -N96       |                   |
```

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    --- N075  ---     | --- N110 -N119  --- |   --- N140   ---
                      |      CONTINUED      |      CONTINUED
  M B659              |   I970 -J069        |     Y10
    N075              |   J200 -J80         |   M Y12
                      |   J82  -J989        |     Y450 -Y459
    --- N076  ---     |   K20  -K929        |   M Y86  -Y880
                      | M L00  -L989        |
  M B659              |   M000 -M1990       |     --- N141   ---
    N076              |   M300 -M949        |
                      |   M954 -N459        |   M B659
    --- N077  ---     |   N480 -N96         |     N141
                      |   N980 -N999        |     T360 -T389
  M B659              |   P000 -Q999        |     T408 -T508
    N077              |   R02               |   M T509
                      |   R53  -R54         |     T880 -T887
    --- N078  ---     |   R570 -R579        |   M T96
                      |   R64               |     X41
  M B659              |   R75               |   M X42
    N078 -N079        |   R820 -R829        |     X43
                      |   R960 -R961        |   M X44
    --- N079  ---     |   S000 -Y899        |     X61
                      |                     |   M X62
  M B659              | --- N12  -N139  --- |     X63
    N079              |                     |   M X64
                      |   A000 -F169        |   M X85
    --- N10   ---     |   F180 -G419        |     Y11
                      |   G440 -G98         |   M Y12
    A000 -F169        |   H650 -H749        |     Y13
    F180 -G419        |   I00  -J80         |   M Y14
    G440 -G98         |   J82  -J989        |     Y400 -Y449
    H650 -H749        |   K20  -K929        |     Y460 -Y578
    I00  -J80         | M L00  -L989        |     Y580 -Y599
    J82  -J989        |   M000 -M1990       |     Y86  -Y872
    K20  -K929        |   M300 -M949        |   M Y880
  M L00  -L989        |   M954 -N459        |
    M000 -M1990       |   N480 -N96         |     --- N142   ---
    M300 -M949        |   N980 -N999        |
    M954 -N459        |   P000 -Q999        |   M B659
    N480 -N96         |   R02               |     N142
    N980 -N999        |   R53  -R54         |   M T509
    P000 -Q999        |   R570 -R579        |     T880 -T887
    R02               |   R64               |   M T96
    R53  -R54         |   R75               |   M X44
    R570 -R579        |   R820 -R829        |   M X64
    R64               |   R960 -R961        |   M X85
    R75               |   S000 -Y899        |   M Y14
    R820 -R829        |                     |     Y579
    R960 -R961        |   --- N140   ---    |   M Y86  -Y872
    S000 -Y899        |                     |     Y880
                      | M B659              |
  --- N110 -N119  --- |   N140              |     --- N143   ---
                      |   T390 -T407        |
  M A000 -B99         | M T96               |   M B659
    C000 -F169        |   X40               |     N143
    F180 -G419        | M X42               |     T560 -T569
    G440 -G98         |   X60               |   M T97
    H650 -H749        | M X62               |   M X49
    I00  -I899        | M X85               |   M X69
```

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    --- N143  ---      | --- N170 -N179  --- | --- N19    ---
       CONTINUED       |      CONTINUED      |      CONTINUED
   M X89               |   I00  -J80         |   I00  -J80
   M Y19               |   J82  -J989        |   J82  -J989
   M Y86  -Y872        |   K20  -K929        |   K20  -K929
                       | M L00  -L989        | M L00  -L989
    --- N144  ---      |   M000 -M1990       |   M000 -M1990
                       |   M300 -M949        |   M300 -M949
                       |   M954 -N459        |   M954 -N459
   M B659              |   N480 -N96         |   N480 -N96
     N144              |   N980 -N999        |   N980 -N999
     T360 -T509        |   P000 -Q999        |   P000 -Q999
     T560 -T569        |   R02               |   R02
     T880 -T887        |   R17               |   R17
     T96               |   R53  -R54         |   R53  -R54
   M T97               |   R570 -R5800       |   R570 -R5800
     X40  -X44         |   R601              |   R601
   M X49               |   R64               |   R64
     X60  -X64         |   R75               |   R75
   M X69               |   R798              |   R798
     X85               |   R820 -R829        |   R820 -R829
   M X89               |   R960 -R961        |   R960 -R961
     Y10  -Y14         |   S000 -Y899        |   S000 -Y899
   M Y19               |                     |
     Y400 -Y599        |                     |
   M Y86  -Y872        | --- N180 -N189  --- | --- N200 -N23    ---
     Y880              |                     |
                       |   A000 -F169        |   A000 -F169
 --- N150 -N159  ---   |   F180 -G419        |   F180 -G419
                       |   G440 -G98         |   G440 -G98
     A000 -F169        |   H650 -H749        |   H650 -H749
     F180 -G419        |   I00  -J069        |   I00  -J80
     G440 -G98         |   J200 -J80         |   J82  -J989
     H650 -H749        |   J82  -J989        |   K20  -K929
     I00  -J80         |   K20  -L299        | M L00  -L989
     J82  -J989        |   M000 -M179        |   M000 -M1990
     K20  -K929        |   M300 -M949        |   M300 -M949
   M L00  -L989        |   M954 -N459        |   M954 -N459
     M000 -M1990       |   N480 -N96         |   N480 -N96
     M300 -M949        |   N980 -N999        |   N980 -N999
     M954 -N459        |   P000 -Q999        |   P000 -Q999
     N480 -N96         |   R02               |   R02
     N980 -N999        |   R17               |   R53  -R54
     P000 -Q999        |   R53  -R54         |   R570 -R579
     R02               |   R570 -R5800       |   R64
     R53  -R54         |   R601              |   R75
     R570 -R579        |   R64               |   R820 -R829
     R64               |   R75               |   R960 -R961
     R75               |   R798              |   S000 -Y899
     R820 -R829        |   R820 -R829        |
     R960 -R961        |   R960 -R961        | --- N250 -N251   ---
     S000 -Y899        |   S000 -Y899        |
                       |                     |   B200 -B24
 --- N170 -N179  ---   |    --- N19    ---   | M B659
                       |                     |   N000 -N399
     A000 -F169        |   A000 -F169        |   R31
     F180 -G419        |   F180 -G419        |   R75
     G440 -G98         |   G440 -G98         |
     H650 -H749        |   H650 -H749        |
```

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    --- N258 ---      |      --- N270 ---      |      --- N340  ---
                      |                        |        CONTINUED
    A000 -C959        |      B200 -B24         |      R75
    D500 -D899        |    M B659              |
  M E030 -E0390       |      N270              |      --- N341  ---
    E100 -E899        |      R75               |
    F100 -F109        |                        |      A1690
    I00  -I779        |      --- N271  ---      |      A181
    I950 -I959        |                        |    M A500 -A539
    K350 -K389        |      B200 -B24         |      B200 -B24
    M300 -M359        |    M B659              |    M B659
    N000 -N420        |      N271              |      C600 -C689
    Q850              |      R75               |    M G834
    R31               |                        |    M G958
    R75               |      --- N279  ---      |      N10  -N509
                      |                        |      R75
    --- N259 ---      |      B200 -B24         |
                      |    M B659              |      --- N342  ---
    A000 -C959        |      N279              |
    D500 -D899        |      R75               |      A1690
    E100 -E899        |                        |      A181
    F100 -F109        | --- N280 -N329  --- |    M A500 -A539
    I00  -I779        |                        |      A549
    I950 -I959        |      A000 -F169        |      A599
    K350 -K389        |      F180 -G419        |      A749
    M300 -M359        |      G440 -G98         |      B200 -B24
    N000 -N420        |      H650 -H749        |      B379
    Q850              |      I00  -J80         |    M B659
    R31               |      J82  -J989        |      C600 -C689
    R75               |      K20  -K929        |    M G834
                      |    M L00  -L989        |    M G958
    --- N26   ---     |      M000 -M1990       |      N10  -N509
                      |      M300 -M949        |      R75
    A000 -F169        |      M954 -N459        |
    F180 -G419        |      N480 -N96         |      --- N343  ---
    G440 -G98         |      N980 -N999        |
    H650 -H749        |      P000 -Q999        |      A1690
    I00  -J80         |      R02               |      A181
    J82  -J989        |      R53  -R54         |    M A500 -A539
    K20  -K929        |      R570 -R579        |      B200 -B24
  M L00  -L989        |      R64               |    M B659
    M000 -M1990       |      R75               |      C600 -C689
    M300 -M949        |      R820 -R829        |    M G834
    M954 -N459        |      R960 -R961        |    M G958
    N480 -N96         |      S000 -Y899        |      N10  -N509
    N980 -N999        |                        |      R75
    P000 -Q999        |      --- N340  ---      |
    R02               |                        |      --- N350  ---
    R53  -R54         |      A1690             |
    R570 -R579        |      A181              |    M B659
    R64               |    M A500 -A539        |      N350
    R75               |      A549             |    M S300
    R820 -R829        |      B200 -B24         |    M S302 -S310
    R960 -R961        |    M B659              |      S312 -S315
    S000 -Y899        |      C600 -C689        |    M S317
                      |    M G834              |      S321 -S325
                      |    M G958              |    M S327 -S328
                      |      N10  -N509        |      S332
                      |
```

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    --- N350  ---     | --- N360 -N399  --- | --- N411   ---
        CONTINUED     |                     |
    M S333            |     A000 -F169      |     A1690
      S334            |     F180 -G419      |     A181
      S336            |     G440 -G98       |     A540 -A549
    M S337            |     H650 -H749      |     A590 -A599
    M S342 -S348      |     I00  -J80       |     B200 -B24
    M S357 -S359      |     J82  -J989      |     B389
      S370 -S380      |     K20  -K929      |     C600 -C639
    M S381 -S397      |   M L00  -L989      |     C775
    M T021            |     M000 -M1990     |   M C798
    M T031            |     M300 -M949      |     D075
    M T038            |     M954 -N459      |     D291
    M T041            |     N480 -N96       |     E100 -E149
    M T065            |     N980 -N999      |     N40
      T190 -T199      |     P000 -Q999      |     N411
      T288            |     R02             |     R75
    M T353            |     R53  -R54       |
    M T910 -T918      |     R570 -R579      |    --- N412   ---
      V010 -Y899      |     R64             |
                      |     R75             |     A1690
     --- N351   ---   |     R820 -R829      |     A181
                      |     R960 -R961      |     A540 -A549
    M A500 -A64       |     S000 -Y899      |     A590 -A599
      B200 -B24       |                     |     B200 -B24
    M B659            |    --- N40    ---    |     B389
      N10  -N509      |                     |     C600 -C639
      R75             |     B200 -B24       |     C775
                      |     B389            |   M C798
  --- N358 -N359  --- |     C61             |     D075
                      |   M C798            |     D291
      A181            |     D075            |     E100 -E149
      A400 -A419      |     D291            |     N40
    M A500 -A64       |     D400            |     N412
      B200 -B24       |     E290            |     R75
    M B659            |     N40             |
      C510 -C689      |     R75             |    --- N413   ---
      D060 -D091      |     T880 -T887      |
      D250 -D309      |     Y400 -Y599      |     A1690
      D390 -D419      |     Y880            |     A181
    M F069            |                     |     A540 -A549
      G041            |    --- N410   ---    |     A590 -A599
      G122 -G1220     |                     |     B200 -B24
      G231            |     A1690           |     B389
    M G810 -G839      |     A181            |     C600 -C639
      G938            |     A540 -A549      |     C775
      G958            |     A590 -A599      |   M C798
      N10  -N139      |     B200 -B24       |     D075
      N150 -N159      |     B389            |     D291
      N200 -N219      |     C600 -C639      |     E100 -E149
      N280 -N289      |     C775           |     N40
      N310 -N319      |   M C798            |     N413
      N358 -N390      |     D075            |     R75
      N399 -N40       |     D291            |
      R75             |     E100 -E149      |    --- N418   ---
                      |     N40  -N410      |
                      |     R75             |     A1690
                      |                     |     A181
```

```
    --- N418  ---    |    --- N421  ---    |    --- N429  ---
      CONTINUED      |      CONTINUED      |      CONTINUED
      A540 -A549     |      D291           |      N429
      A590 -A599     |      D390 -D419     |      Q530 -Q559
      B200 -B24      |      N421           |      R75
      B389           |      Q530 -Q559     |
      C600 -C639     |      R75            |    --- N430  ---
      C775           |                     |
M     C798           |    --- N422  ---    |      B200 -B24
      D075           |                     |      N430
      D291           |      A181           |      R75
      E100 -E149     |      A540 -A549     |
      N40            |      A590 -A599     |    --- N432  ---
      N418           |      B200 -B24      |
      R75            |      B389           |      B200 -B24
                     |      C600 -C639     |      N432
    --- N419  ---    |      C775           |      R75
                     |M     C798           |
      A1690          |M     C810 -C959     |    --- N433  ---
      A549           |      D075           |
      A599           |      D291           |      B200 -B24
      B200 -B24      |      D390 -D419     |      N433
      B389           |      N422           |      R75
      E100 -E149     |      Q530 -Q559     |
      N40            |      R75            |    --- N434  ---
      N419           |                     |
      R75            |    --- N428  ---    |      B200 -B24
                     |                     |      N434
    --- N420  ---    |      A181           |      R75
                     |      A540 -A549     |
      A181           |      A590 -A599     |    --- N44   ---
      A540 -A549     |      B200 -B24      |
      A590 -A599     |      B389           |      B200 -B24
      B200 -B24      |      C600 -C639     |      N44
      B389           |      C775           |      R75
      C600 -C639     |M     C798           |
      C775           |M     C810 -C959     |    --- N450  ---
M     C798           |      D075           |
M     C810 -C959     |      D291           |      A1690
      D075           |      D390 -D419     |      A181
      D291           |      N428           |M     A500 -A64
      D390 -D419     |      Q530 -Q559     |      B200 -B24
      N420           |      R75            |      B260
      Q530 -Q559     |                     |      B269
      R75            |    --- N429  ---    |      N450
                     |                     |      R75
    --- N421  ---    |      A181           |
                     |      A540 -A549     |    --- N459  ---
      A181           |      A590 -A599     |
      A540 -A549     |      B200 -B24      |      A1690
      A590 -A599     |      B389           |      A181
      B200 -B24      |      C600 -C639     |M     A500 -A64
      B389           |      C775           |      B200 -B24
      C600 -C639     |M     C798           |      B260
      C775           |M     C810 -C959     |      B269
M     C798           |      D075           |      N459
M     C810 -C959     |      D291           |      R75
      D075           |      D390 -D419     |
```

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                    TABLE D
CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


  --- N480  ---     |    --- N485  ---    |    --- N490   ---
                    |     CONTINUED       |     CONTINUED
   A181             |    R75              |    N490 -N499
 M A500 -A64        |                     |    N991
   B200 -B24        |    --- N486  ---    |    R75
 M B650 -B659       |                     |  M S300
   C600 -C639       |     B200 -B24       |  M S302 -S310
 M C798             |     N486            |    S312 -S315
   C80              |     R75             |  M S317
   D038             |                     |    S321 -S325
   D074             |    --- N488  ---    |  M S327 -S328
   D290             |                     |    S332
   D390 -D419       |     A181            |  M S333
   N40  -N429       |   M A500 -A64       |    S334
   N480             |     B200 -B24       |    S336
   N488             |   M B650 -B659      |  M S337
   R75              |     C600 -C639      |  M S342 -S348
                    |   M C798            |  M S357 -S359
   --- N481  ---    |     C80             |    S370 -S380
                    |     D038            |  M S381 -S397
   B200 -B24        |     D074            |  M T021
   N481             |     D290            |  M T031
   R75              |     D390 -D419      |  M T038
                    |     N40  -N429      |  M T041
   --- N482  ---    |     N488            |  M T065
                    |     R75             |    T190 -T199
   A181             |                     |    T288
 M A500 -A64        |    --- N489  ---    |  M T353
   B200 -B24        |                     |  M T910 -T918
   C600 -C639       |     A181            |
 M C798             |   M A500 -A64       |  --- N491 -N499   ---
   C80              |     B200 -B24       |
   N350 -N359       |   M B650 -B659      |    A1690
   N40  -N429       |     C600 -C639      |    A181
   N482             |   M C798            |  M A500 -A64
   R75              |     C80             |    A749
                    |     D038            |    B200 -B24
   --- N483  ---    |     D074            |    C600 -C639
                    |     D290            |    C80
   N40  -N429       |     D390 -D419      |    E100 -E149
   N450 -N459       |     N40  -N429      |    N350 -N359
   N483             |     N480            |    N40  -N429
                    |     N488 -N489      |    N490 -N499
   --- N484  ---    |     R75             |    N991
                    |                     |    R75
   N40  -N429       |    --- N490  ---    |  M S300
   N450 -N459       |                     |  M S302 -S310
   N484             |     A069            |    S312 -S315
                    |     A1690           |  M S317
   --- N485  ---    |     A181            |    S321 -S325
                    |   M A500 -A64       |  M S327 -S328
   B200 -B24        |     A749            |    S332
   C600 -C609       |     B200 -B24       |  M S333
 M C798             |     C600 -C639      |    S334
   D074             |     C80             |    S336
   D290             |     E100 -E149      |  M S337
 M D407             |     N350 -N359      |  M S342 -S348
   N485             |     N40  -N429      |  M S357 -S359
```

```
--- N491 -N499  --- |    --- N508  ---   |    --- N509  ---
     CONTINUED       |      CONTINUED     |      CONTINUED
      S370 -S380     |      S334          |   M T910 -T918
  M S381 -S397       |      S336          |
  M T021             |   M S337           |    --- N600  ---
  M T031             |   M S342 -S348     |
  M T038             |   M S357 -S359     |      C500 -C509    *
  M T041             |      S370 -S380    |   M C798           *
  M T065             |   M S381 -S397     |      D050 -D059    *
    T190 -T199       |   M T021           |      D24           *
    T288             |   M T031           |      D486          *
  M T353             |   M T038           |      N600          *
  M T910 -T918       |   M T041           |
                     |   M T065           |    --- N601  ---
    --- N500  ---    |     T190 -T199     |
                     |     T288           |      C500 -C509    *
    B200 -B24        |   M T353           |   M C798           *
    N500             |   M T910 -T918     |      D050 -D059    *
    R75              |                    |      D24           *
                     |    --- N509  ---   |      D486          *
    --- N501  ---    |                    |      N601          *
                     |     A1690          |
    B200 -B24        |     A181           |    --- N602  ---
    N501             |   M A500 -A64      |
    R75              |     A749           |      C500 -C509    *
                     |     B200 -B24      |   M C798           *
    --- N508  ---    |     C600 -C639     |      D050 -D059    *
                     |     C80            |      D24           *
    A1690            |     E100 -E149     |      D486          *
    A181             |     N350 -N359     |      N602          *
  M A500 -A64        |     N40  -N429     |
    A749             |     N490 -N499     |    --- N603  ---
    B200 -B24        |     N509           |
    C600 -C639       |     N991           |      C500 -C509    *
    C763             |     R75            |   M C798           *
    C798 -C80        |   M S300           |      D050 -D059    *
    D076             |   M S302 -S310     |      D24           *
    D097             |     S312 -S315     |      D486          *
    D292 -D297       |   M S317           |      N603          *
    D367             |     S321 -S325     |
    D401 -D407       |   M S327 -S328     |    --- N604  ---
    D487             |     S332           |
    E100 -E149       |   M S333           |      C500 -C509    *
    N350 -N359       |     S334           |   M C798           *
    N40  -N459       |     S336           |      D050 -D059    *
    N490 -N499       |   M S337           |      D24           *
    N508             |   M S342 -S348     |      D486          *
    N991             |   M S357 -S359     |      N604          *
    Q530 -Q539       |     S370 -S380     |
    R75              |   M S381 -S397     |    --- N608  ---
  M S300             |   M T021           |
  M S302 -S310       |   M T031           |      C500 -C509    *
    S312 -S315       |   M T038           |   M C798           *
  M S317             |   M T041           |      D050 -D059    *
    S321 -S325       |   M T065           |      D24           *
  M S327 -S328       |     T190 -T199     |      D486          *
    S332             |     T288           |      N608          *
  M S333             |   M T353           |
```

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    --- N609  ---     |      --- N641  ---    |     --- N648   ---
                      |                       |          CONTINUED
    C500 -C509    *   |      B200 -B24        |       C500 -C509    *
  M C798        *     |      C500 -C509    *  |     M C798        *
    D050 -D059    *   |    M C798        *    |       D050 -D059    *
    D24           *   |      D050 -D059    *  |       D24           *
    D486          *   |      D24           *  |       D486          *
    N609          *   |      D486          *  |       N648
                      |      N641             |       R75
    --- N61   ---     |      R75              |
                      |                       |      --- N649   ---
    A1690             |      --- N642  ---    |
  M A188              |                       |       B200 -B24
  M A500 -A539        |      B200 -B24        |       C500 -C509    *
  M B200 -B24         |      C500 -C509    *  |     M C798        *
    C500 -C509    *   |    M C798        *    |       D050 -D059    *
  M C798        *     |      D050 -D059    *  |       D24           *
    D050 -D059    *   |      D24           *  |       D486          *
    D24           *   |      D486          *  |       N649
    D486          *   |      N642             |       R75
    N61               |      R75              |
  M R75               |                       |      --- N700   ---
                      |      --- N643  ---    |
    --- N62   ---     |                       |       B200 -B24
                      |      B200 -B24        |       N700
  M B650 -B659        |      C500 -C509    *  |       N832
    C500 -C509    *   |    M C798        *    |       R75
  M C798        *     |      D050 -D059    *  |
    D050 -D059    *   |      D24           *  |      --- N701   ---
    D24           *   |      D486          *  |
    D486          *   |      N643             |       B200 -B24
    N62               |      R75              |       N701
                      |                       |       N832
    --- N63   ---     |      --- N644  ---    |       R75
                      |                       |
    C500 -C509    *   |      B200 -B24        |      --- N709   ---
  M C798        *     |      C500 -C509    *  |
    D050 -D059    *   |    M C798        *    |       B200 -B24
    D24           *   |      D050 -D059    *  |       N709
    D486          *   |      D24           *  |       N832
    N63           *   |      D486          *  |       R75
                      |      N644             |
    --- N640  ---     |      R75              |   --- N710 -N719   ---
                      |                       |
    A1690             |      --- N645  ---    |       A078
  M A188              |                       |       A1690
  M A500 -A539        |      B200 -B24        |       A181
    B200 -B24         |      C500 -C509       |       A190 -A199
    C500 -C509    *   |    M C798             |       A500 -A64
  M C798        *     |      D050 -D059       |       A749
    D050 -D059    *   |      D24              |       B000 -B009
    D24           *   |      D486             |       B200 -B24
    D486          *   |      N61  -N649       |       B370 -B379
    N61               |      R75              |       B59  -B64
    N640              |                       |       B80
    R75               |      --- N648  ---    |       B99
                      |                       |       C510 -C58
                      |      B200 -B24        |       L946
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                              TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


--- N710 -N719  --- | --- N730 -N739  --- |    --- N761   ---
      CONTINUED      |       CONTINUED     |       CONTINUED
      M352           |    N300 -N399       |    A190 -A199
      N700 -N829     |    N700 -N809       |    A500 -A64
      R75            |    N820 -N829       |    B000 -B009
                     |    R75              |    B200 -B24
    --- N72    ---   |  M S000 -S399       |    B370 -B379
                     |  M T800 -T889       |    B59  -B64
      A1690          |                     |    B80
      A181           | --- N750 -N759  --- |    B99
      A190 -A199     |                     |    C19  -C218
      A500 -A64      |    A1690            |    C510 -C58
      A749           |    A181             |    D390 -D409
      B000 -B009     |    A190 -A199       |    E100 -E149
      B200 -B24      |    A500 -A64        |    L946
      B370 -B379     |    B000 -B009       |    M352
      B59  -B64      |    B200 -B24        |    N700 -N819
      B80            |    B370 -B379       |    R75
      B99            |    B59  -B64        |
      C19  -C218     |    B80              |    --- N762   ---
      C510 -C58      |    B99              |
      D390 -D409     |    C19  -C218       |    A1690
      E100 -E149     |    C510 -C58        |    A181
      L946           |    D390 -D409       |    A190 -A199
      M352           |    E100 -E149       |    A500 -A64
      N700 -N819     |    L946             |    A749
      R75            |    M352             |    B000 -B009
                     |    N700 -N819       |    B200 -B24
--- N730 -N739  --- |    R75              |    B370 -B379
                     |                     |    B59  -B64
      A1690          |    --- N760   ---   |    B80
      A181           |                     |    B99
      A190 -A199     |    A069             |    C19  -C218
      A500 -A64      |    A1690            |    C510 -C58
      A749           |    A181             |    D390 -D409
      B200 -B24      |    A190 -A199       |    E100 -E149
      C160 -C269     |    A500 -A64        |    L946
      C500 -C58      |    A749             |    M352
      C64  -C689     |    B000 -B009       |    N700 -N819
      C762 -C763     |    B200 -B24        |    R75
      C784 -C791     |    B370 -B379       |
      C796 -C797     |    B59  -B64        | --- N763 -N768   ---
    M C798           |    B80              |
      C80  -C97      |    B99              |    A1690
      D001 -D019     |    C19  -C218       |    A181
      D038           |    C510 -C58        |    A190 -A199
      D070 -D073     |    D390 -D409       |    A500 -A64
      D090 -D091     |    E100 -E149       |    B000 -B009
      D250 -D289     |    L946             |    B200 -B24
      D300 -D309     |    M352             |    B370 -B379
      D390 -D399     |    N700 -N819       |    B59  -B64
      D410 -D419     |  M R54              |    B80
      E100 -E149     |    R75              |    B99
      K250 -K289     |                     |    C19  -C218
      K560 -K579     |    --- N761   ---   |    C510 -C58
      K631 -K6310    |                     |    D390 -D409
      K638 -K639     |    A1690            |    E100 -E149
    M N19            |    A181             |    L946
```

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--- N763 -N768  --- | --- N820 -N829  --- | --- N832  ---
       CONTINUED      |       CONTINUED      |       CONTINUED
       M352           |  M B200 -B24         |     N830 -N832
       N700 -N819     |    B373 -B374        |     N838
       R75            |    B901              |     R75
                      |    B908              |  M T880 -T887
--- N800 -N809  --- |    C000 -C80         |  M Y400 -Y599
                      |    E100 -E149        |  M Y880
       B200 -B24      |    K350 -K929        |
       N800 -N809     |    N000 -N399        |    --- N833  ---
       R75            |    N700 -N999        |
                      |    Q500 -Q529        |     B200 -B24
--- N810 -N814  --- |    Q600 -Q649        |     N833
                      |    Q792 -Q795        |     R75
       B200 -B24      |    Q870 -Q999        |
       C510 -C58      |  M R75               |    --- N834  ---
       N810 -N819     |    T66               |
       R75            |    W88  -W91         |     B200 -B24
                      |  M Y632 -Y633        |     N834
   --- N815  ---      |  M Y780 -Y788        |     R75
                      |    Y842              |
       B200 -B24      |  M Y883              |    --- N835  ---
     M C510 -C58      |                      |
       N810 -N815     |    --- N830  ---     |     B200 -B24
     M N816 -N819     |                      |     N835
       R75            |     A1690            |     R75
                      |     A181             |
   --- N816  ---      |     B200 -B24        |    --- N836  ---
                      |     E282             |
       B200 -B24      |     N830 -N832       |     B200 -B24
       C510 -C58      |     R75              |     N836
       N810 -N819     |  M T880 -T887        |     R75
       R75            |  M Y400 -Y599        |
                      |  M Y880              |    --- N837  ---
   --- N818  ---      |                      |
                      |    --- N831  ---     |     B200 -B24
       B200 -B24      |                      |  M C19  -C218
       C510 -C58      |     B200 -B24        |    C510 -C58
       N818           |     C510 -C58        |    C64  -C689
       R75            |     C796             |    C796
     M T910 -T919     |  M C798              |  M C798
     M T940 -T941     |  M D038              |  M D038
     M T983           |     D060 -D073       |    D060 -D073
     M Y850 -Y899     |     D250 -D289       |    D250 -D289
                      |     D390 -D399       |    D390 -D399
   --- N819  ---      |     N700 -N96        |    E282
                      |     N980 -N999       |    N700 -N96
       B200 -B24      |     Q500 -Q529       |    N980 -N999
       C510 -C58      |     R75              |    R75
       N810 -N819     |  M T880 -T887        |
       R75            |  M Y400 -Y599        |    --- N838  ---
                      |  M Y880              |
--- N820 -N829  --- |                      |     B200 -B24
                      |    --- N832  ---     |  M C19  -C218
       A1690          |                      |    C510 -C58
       A181           |     A1690            |    C64  -C689
       A183           |     B200 -B24        |    C785
       A500 -A64      |     E282             |    C792
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  --- N838  ---      |    --- N859  ---      |    --- N898  ---
     CONTINUED       |                       |      CONTINUED
    C796             |      B200 -B24         |     R75
  M C798             |      C510 -C58         |     T812
    D011 -D013       |      C796             |
  M D038             |    M C798             |     --- N899  ---
    D060 -D073       |      D060 -D073       |
    D127 -D129       |    M D093             |     C510 -C519
    D235             |      D250 -D289       |     C530 -C58
    D27              |      D390 -D399       |     C763
    D375             |      N700 -N96        |     C796
    D377             |      N980 -N999       |     D060 -D073
    D390 -D399       |      R75              |   M D097
    D485             |                       |     D250 -D280
    E282             |    --- N880  ---      |     D282 -D289
    N700 -N96        |                       |   M D367
    N980 -N999       |                       |     D390 -D399
    R75              |      C530 -C55         |   M D487
                     |    M C798             |     N700 -N889
  --- N839  ---      |      D060 -D069       |     N899
                     |      D260 -D269       |     N910 -N959
    B200 -B24        |      D390             |     Q500 -Q519
    N839             |      N880             |     Q525 -Q529
    R75              |                       |
                     | --- N888 -N889  ---   |     --- N904  ---
  --- N857  ---      |                       |
                     |      B200 -B24        |     C510 -C519
    C510 -C58        |      C510 -C58         |   M C798
    C763             |      C796             |     D071
    C796             |    M C798             |     D280
  M C798             |      D060 -D073       |     D397
    D060 -D073       |    M D093             |     N904
  M D097             |      D250 -D289       |
    D250 -D289       |      D390 -D399       |     --- N908  ---
  M D367             |      N700 -N96        |
    D390 -D399       |      N980 -N999       |     B200 -B24
  M D487             |      R75              |     C510 -C519
    N700 -N858       |                       |     N908
    N86  -N889       |    --- N894  ---      |     R75
    Q500 -Q519       |                       |
                     |      C52              |     --- N912  ---
  --- N858  ---      |    M C798             |
                     |      D072             |     B650 -B659
                     |      D281             |     N912
  M A500 -A539       |      D397             |
    B200 -B24        |      N894             |     --- N926  ---
    C510 -C579       |                       |
    C64  -C689       |    --- N898  ---      |     C510 -C58
    C790 -C791       |                       |     C763
    C796             |      A181             |     C796
    C798             |    M A500 -A64        |   M C798
    D060 -D073       |      B200 -B24        |     D060 -D073
    D090 -D091       |      B901             |   M D097
    D250 -D289       |    M C000 -D489       |     D250 -D289
    D300 -D309       |      D860 -D869       |   M D367
    D390 -D399       |      N000 -N399       |     D390 -D399
    D410 -D419       |      N600 -N949       |   M D487
    N858             |      Q500 -Q529       |     N700 -N709
    R75              |      R31              |
```

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    --- N926 ---       |    --- N945 ---       |    --- N950  ---
       CONTINUED       |       CONTINUED       |       CONTINUED
   M N710 -N909        |     Q510 -Q519        |   M Y883
     N926              |     Q528              |
     Q500 -Q529        |                       |    --- N971  ---
                       |    --- N946  ---      |
 --- N930 -N939 ---    |                       |      N971
                       |     N700 -N909        |      Q506
     C510 -C58         |     N946              |
     C64  -C689        |                       |    --- N972  ---
     C763              |    --- N948  ---      |
   M C768             |                        |      N972
     C790 -C791        |     C510 -C58         |      Q519
     C796              |     C763              |
   M C798             |     C796               |    --- N979  ---
     C80  -C959        |   M C798             |
     D060 -D073        |     D060 -D073        |      N979
   M D097             |    M D097             |       Q506
   M D197             |     D250 -D289         |      Q519
     D260 -D269        |   M D367             |
     D280 -D289        |     D390 -D399        |    --- N990  ---
     D300 -D309        |   M D487             |
   M D367             |      N700 -N948       |       N990
     D390 -D399        |     N950 -N959        |   M Y600 -Y69
     D410 -D419        |     Q500 -Q529        |     Y830 -Y849
   M D481             |                        |     Y881
   M D487             |    --- N949  ---       |     Y883
     D489              |                       |
     E280 -E289        |   M A000 -B99         |    --- N991  ---
     E894              |     C180 -C189        |
     N700 -N939        |     C510 -C58         |      N991
     N950 -N96         |     C64  -C689        |   M Y600 -Y69
     N980 -N999        |     C785              |     Y830 -Y849
     Q500 -Q529        |     C790 -C791        |     Y881
                       |     C796              |     Y883
    --- N940  ---      |   M C798             |
                       |     C80               |    --- N992  ---
     N700 -N909        |   M D038             |
     N940              |     D060 -D073        |      N992
                       |     D090 -D091        |   M Y831 -Y832
    --- N941  ---      |     D250 -D289        |   M Y834
                       |     D300 -D309        |   M Y836 -Y839
     N700 -N909        |     D390 -D399        |   M Y883
     N941              |     D410 -D419        |
                       |   M D481             |    --- N993  ---
    --- N945  ---      |   M D487             |
                       |     E280 -E289        |      C510 -C58
     C530 -C55         |     N000 -N399        |      N993
     C798              |     N700 -N999        |      Y600
     D060 -D069        |     Q500 -Q529        |      Y610
     D073              |     Q600 -Q649        |      Y620
     D250 -D269        |     R31               |      Y652
     D390              |     R75               |      Y655 -Y658
     N710 -N739        |                       |      Y69
     N800 -N809        |    --- N950  ---      |   M Y836
     N840 -N841        |                       |   M Y883
     N850 -N889        |     N950              |
     N945              |   M Y833              |
```

```
                              TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

   --- N994  ---      |    --- O019  ---      |    --- O060  ---

     N994             |      O019             |      B200 -B24
 M Y600 -Y69          |                       |      O030 -O039
 M Y830 -Y849         |    --- O020  ---      |      O060
     Y881             |                       |      O100 -O219
 M Y883              |      O020             |      O230 -O239
                      |                       |      O260 -O264
   --- N995  ---      |    --- O021  ---      |      O266 -O269
                      |                       |      O310
     N995             |      O021             |      O440 -O469
     Y833             |                       |      O670 -O679
     Y883             |    --- O028  ---      |      O95
                      |                       |    M O980 -O998
   --- N998  ---      |      O028             |      R75

     N998             |    --- O029  ---      |    --- O061  ---
     Y600 -Y849       |                       |
     Y881             |      O029             |      B200 -B24
     Y883             |   --- O030 -O039 ---  |      O030 -O039
                      |                       |      O061
   --- N999  ---      |      B200 -B24        |      O100 -O219
                      |      O030 -O039       |      O230 -O239
     N999             |      O100 -O219       |      O260 -O264
     Y600 -Y849       |      O230 -O239       |      O266 -O269
     Y881             |      O260 -O264       |      O310
     Y883             |      O266 -O269       |      O440 -O469
                      |      O310             |      O670 -O679
   --- O000  ---      |      O440 -O469       |      O95
                      |      O670 -O679       |    M O980 -O998
     O000             |      O95              |      R75
                      |    M O980 -O998       |
   --- O001  ---      |      R75              |    --- O062  ---

     O001             |   --- O040 -O049 ---  |      B200 -B24
                      |                       |      O030 -O039
   --- O002  ---      |      B200 -B24        |      O062
                      |      O040 -O049       |      O100 -O219
     O002             |      O100 -O219       |      O230 -O239
                      |      O230 -O239       |      O260 -O264
   --- O008  ---      |      O260 -O264       |      O266 -O269
                      |      O266 -O269       |      O310
     O008             |      O320             |      O440 -O469
                      |      O440 -O469       |      O670 -O679
   --- O009  ---      |      O670 -O679       |      O95
                      |      O95              |    M O980 -O998
     O009             |    M O980 -O998       |      R75
                      |      R75              |
   --- O010  ---      |                       |    --- O063  ---

     O010             |   --- O050 -O059 ---  |      B200 -B24
                      |                       |      O030 -O039
   --- O011  ---      |      B200 -B24        |      O063
                      |      O050 -O059       |      O100 -O219
     O011             |    M O980 -O998       |      O230 -O239
                      |      R75              |      O260 -O264
                      |                       |      O266 -O269
                      |                       |      O310
                      |

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```

```
    --- O063  ---     |     --- O067  ---     |  --- O070 -O079  ---
       CONTINUED      |                       |         CONTINUED
       O440 -O469     |       B200 -B24       |       O670 -O679
       O670 -O679     |       O030 -O039      |       O95
       O95            |       O067            |   M O980 -O998
   M O980 -O998       |       O100 -O219      |      R75
      R75             |       O230 -O239      |
                      |       O260 -O264      |  --- O080 -O089  ---
    --- O064  ---     |       O266 -O269      |
                      |       O310            |       B200 -B24
                      |       O440 -O469      |       O000 -O089
       B200 -B24      |       O670 -O679      |      R75
       O030 -O039     |       O95            |
       O064           |   M O980 -O998        |  --- O100 -O11   ---
       O100 -O219     |      R75              |
       O230 -O239     |                       |       B200 -B24
       O260 -O264     |     --- O068  ---     |       O100 -O16
       O266 -O269     |                       |   M O980 -O998
       O310           |       B200 -B24       |      R75
       O440 -O469     |       O030 -O039      |
       O670 -O679     |       O068            |  --- O120 -O151  ---
       O95            |       O100 -O219      |
   M O980 -O998       |       O230 -O239      |       B200 -B24
      R75             |       O260 -O264      |       O100 -O16
                      |       O266 -O269      |       O260
    --- O065  ---     |       O310            |       O300 -O309
                      |       O440 -O469      |   M O980 -O998
       B200 -B24      |       O670 -O679      |      R75
       O030 -O039     |       O95             |
       O065           |   M O980 -O998        |    --- O152  ---
       O100 -O219     |      R75              |
       O230 -O239     |                       |       B200 -B24
       O260 -O264     |     --- O069  ---     |       O100 -O16
       O266 -O269     |                       |       O260
       O310           |       B200 -B24       |       O300 -O309
       O440 -O469     |       O030 -O039      |   M O750 -O759
       O670 -O679     |       O069            |   M O980 -O998
       O95            |       O100 -O219      |      R75
   M O980 -O998       |       O230 -O239      |
      R75             |       O260 -O264      |  --- O159 -O16   ---
                      |       O266 -O269      |
    --- O066  ---     |       O310            |       B200 -B24
                      |       O440 -O469      |       O100 -O16
       B200 -B24      |       O670 -O679      |       O260
       O030 -O039     |       O95             |       O300 -O309
       O066           |   M O980 -O998        |   M O980 -O998
       O100 -O219     |      R75              |      R75
       O230 -O239     |                       |
       O260 -O264     |  --- O070 -O079  --- |  --- O200 -O209  ---
       O266 -O269     |                       |
       O310           |       B200 -B24       |       B200 -B24
       O440 -O469     |       O070 -O079      |       O100 -O209
       O670 -O679     |       O100 -O219      |       O440 -O469
       O95            |       O230 -O239      |       O670 -O679
   M O980 -O998       |       O260 -O264      |   M O980 -O998
      R75             |       O266 -O269      |      R75
                      |       O310            |
                      |       O440 -O469      |
```

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```
  --- O210  ---       |    --- O221  ---       |   --- O228  ---
                      |        CONTINUED        |
   B200 -B24          |  M O980 -O998          |    B200 -B24
   O210               |    R75                 |    O100 -O16
   O980 -O998         |                        |    O228
    R75               |    --- O222  ---        |    O265
                      |                        |    O440 -O469
  --- O211  ---       |    B200 -B24           |    O670 -O679
                      |    O100 -O16           |    O750 -O85
   B200 -B24          |    O222                |    O904
   O211               |    O265                |  M O980 -O998
   O980 -O998         |    O440 -O469          |    R75
    R75               |    O670 -O679          |
                      |    O750 -O85           |    --- O229  ---
  --- O212  ---       |    O904                |
                      |  M O980 -O998          |    B200 -B24
   B200 -B24          |    R75                 |    O100 -O16
   O212               |                        |    O229
   O980 -O998         |    --- O223  ---        |    O265
    R75               |                        |    O440 -O469
                      |    B200 -B24           |    O670 -O679
  --- O218  ---       |    O100 -O16           |    O750 -O85
                      |    O223                |    O904
   B200 -B24          |    O265                |  M O980 -O998
   O218               |    O440 -O469          |    R75
   O980 -O998         |    O670 -O679          |
    R75               |    O750 -O85           |    --- O230  ---
                      |    O904                |
  --- O219  ---       |  M O980 -O998          |    B200 -B24
                      |    R75                 |    O230
   B200 -B24          |                        |    O980 -O989
   O219               |    --- O224  ---        |  M O990 -O998
   O980 -O998         |                        |    R75
    R75               |    B200 -B24           |
                      |    O100 -O16           |    --- O231  ---
  --- O220  ---       |    O224                |
                      |    O265                |    B200 -B24
   B200 -B24          |    O440 -O469          |    O231
   O100 -O16          |    O670 -O679          |    O980 -O989
   O220               |    O750 -O85           |  M O990 -O998
   O265               |    O904                |    R75
   O440 -O469         |  M O980 -O998          |
   O670 -O679         |    R75                 |    --- O232  ---
   O750 -O85          |                        |
   O904               |    --- O225  ---        |    B200 -B24
 M O980 -O998         |                        |    O232
    R75               |    B200 -B24           |    O980 -O989
                      |    O100 -O16           |  M O990 -O998
  --- O221  ---       |    O225                |    R75
                      |    O265                |
   B200 -B24          |    O440 -O469          |    --- O233  ---
   O100 -O16          |    O670 -O679          |
   O221               |    O750 -O85           |    B200 -B24
   O265               |    O904                |    O233
   O440 -O469         |  M O980 -O998          |    O980 -O989
   O670 -O679         |    R75                 |  M O990 -O998
   O750 -O85          |                        |    R75
   O904               |                        |
```

```
                        TABLE D
      CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

   --- O234  ---      |     --- O244  ---      |   --- O267 -O269  ---
                      |                        |        CONTINUED
      B200 -B24       |        O244            |      O980 -O998
      O234            |        O25             |      R75
      O980 -O989      |    M O992              |
  M O990 -O998        |    M O996              |      --- O280  ---
      R75             |    M O998              |
                      |                        |    M B200 -B24
   --- O235  ---      |     --- O249  ---      |      O280
                      |                        |    M O980 -O998
      B200 -B24       |        O249 -O25       |      R75
      O235            |    M O992              |
      O980 -O989      |    M O996              |      --- O281  ---
  M O990 -O998        |    M O998              |
      R75             |                        |    M B200 -B24
                      |      --- O25   ---     |      O281
   --- O239  ---      |                        |    M O980 -O998
                      |        B200 -B24       |      R75
      B200 -B24       |        O25             |
      O239            |    M O980 -O998        |      --- O282  ---
      O980 -O989      |      R75               |
  M O990 -O998        |                        |    M B200 -B24
      R75             | --- O260 -O264  ---    |      O282
                      |                        |    M O980 -O998
   --- O240  ---      |        B200 -B24       |      R75
                      |    M O100 -O16         |
      O240            |        O200 -O299      |      --- O283  ---
      O25             |    M O300 -O48         |
  M O992              |        O980 -O998      |    M B200 -B24
  M O996              |      R75               |      O283
  M O998              |                        |    M O980 -O998
                      |      --- O265  ---     |      R75
   --- O241  ---      |                        |
                      |        B200 -B24       |      --- O284  ---
      O241            |        O100 -O719      |
      O25             |        O740 -O759      |    M B200 -B24
  M O992              |        O910 -O927      |      O284
  M O996              |        O980 -O998      |    M O980 -O998
  M O998              |      R75               |      R75
                      |                        |
   --- O242  ---      |     --- O266  ---      |      --- O285  ---
                      |                        |
      O242            |        B200 -B24       |    M B200 -B24
      O25             |        O100 -O16       |      O285
  M O992              |        O266            |    M O980 -O998
  M O996              |        O300 -O309      |      R75
  M O998              |        O440 -O469      |
                      |        O670 -O679      |      --- O288  ---
   --- O243  ---      |        O720 -O723      |
                      |    M O980 -O998        |    M B200 -B24
      O243            |      R75               |      O288
      O25             |                        |    M O980 -O998
  M O992              | --- O267 -O269  ---    |      R75
  M O996              |                        |
  M O998              |        B200 -B24       |      --- O289  ---
                      |    M O100 -O16         |
                      |        O200 -O299      |    M B200 -B24
                      |    M O300 -O48         |      O289

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```

```
--- O289 ---     |     --- O295 ---     |     --- O310 ---
   CONTINUED     |        CONTINUED     |
M O980 -O998     |      O295            |      O310
  R75            |      O365            |    M O980 -O998
                 |      O740 -O759      |
 --- O290 ---    |      O904            |     --- O330 ---
                 |    M O980 -O998      |
  B200 -B24      |      R75             |      O330
  O290           |                      |
  O365           |     --- O296 ---     |     --- O331 ---
  O740 -O759     |                      |
  O904           |      B200 -B24       |      O331
M O980 -O998     |      O296            |
  R75            |      O365            |     --- O332 ---
                 |      O740 -O759      |
 --- O291 ---    |      O904            |      O332
                 |    M O980 -O998      |
  B200 -B24      |      R75             |     --- O333 ---
  O291           |                      |
  O365           |     --- O298 ---     |      O333
  O740 -O759     |                      |
  O904           |      B200 -B24       |     --- O334 ---
M O980 -O998     |      O298            |
  R75            |      O365            |      O334
                 |      O740 -O759      |
 --- O292 ---    |      O904            |     --- O335 ---
                 |    M O980 -O998      |
  B200 -B24      |      R75             |      O335
  O292           |                      |
  O365           |     --- O299 ---     |     --- O336 ---
  O740 -O759     |                      |
  O904           |      B200 -B24       |      O336
M O980 -O998     |      O299            |
  R75            |      O365            |     --- O337 ---
                 |      O740 -O759      |
 --- O293 ---    |      O904            |      O337
                 |    M O980 -O998      |
  B200 -B24      |      R75             |     --- O338 ---
  O293           |                      |
  O365           |     --- O300 ---     |      O338
  O740 -O759     |                      |
  O904           |      O300            |     --- O339 ---
M O980 -O998     |                      |
  R75            |     --- O301 ---     |      O339
                 |                      |
 --- O294 ---    |      O301            |     --- O340 ---
                 |                      |
  B200 -B24      |     --- O302 ---     |      O340
  O294           |                      |
  O365           |      O302            |     --- O341 ---
  O740 -O759     |                      |
  O904           |     --- O308 ---     |      O341
M O980 -O998     |                      |
  R75            |      O308            |     --- O342 ---
                 |                      |
 --- O295 ---    |     --- O309 ---     |      O342
                 |                      |
  B200 -B24      |      O309            |
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

```
--- O343  ---      |      --- O360  ---      |      --- O364  ---
                   |         CONTINUED       |         CONTINUED
   O343            |      O430 -O60          |      O266 -O269
                   |      O670 -O679         |      O310
--- O344  ---      |      O95               |      O364
                   |    M O980 -O998         |      O430 -O60
   O344            |                         |      O670 -O679
                   |      --- O361  ---      |      O95
--- O345  ---      |                         |    M O980 -O998
                   |      O030 -O079         |      R75
   O345            |      O100 -O219         |
                   |      O230 -O239         |      --- O365  ---
--- O346  ---      |      O260 -O264         |
                   |      O266 -O269         |      B200 -B24
   O346            |      O310              |      O030 -O079
                   |      O361              |      O100 -O219
--- O347  ---      |      O430 -O60          |      O230 -O239
                   |      O670 -O679         |      O260 -O264
   O347            |      O95               |      O266 -O269
                   |    M O980 -O998         |      O310
--- O348  ---      |                         |      O365
                   |      --- O362  ---      |      O430 -O60
   O348            |                         |      O670 -O679
                   |      O030 -O079         |      O95
--- O349  ---      |      O100 -O219         |    M O980 -O998
                   |      O230 -O239         |      R75
   O349            |      O260 -O264         |
                   |      O266 -O269         |      --- O366  ---
--- O353  ---      |      O310              |
                   |      O362              |      O030 -O079
   B200 -B24       |      O430 -O60          |      O100 -O219
   O353            |      O670 -O679         |      O230 -O239
 M O980 -O998      |      O95               |      O260 -O264
   R75             |    M O980 -O998         |      O266 -O269
                   |                         |      O310
--- O358  ---      |      --- O363  ---      |      O366
                   |                         |      O430 -O60
   B200 -B24       |      B200 -B24          |      O670 -O679
   O358            |      O030 -O079         |      O95
 M O980 -O998      |      O100 -O219         |    M O980 -O998
   R75             |      O230 -O239         |
                   |      O260 -O264         |      --- O367  ---
--- O359  ---      |      O266 -O269         |
                   |      O310              |      O030 -O079
 M B200 -B24       |      O363              |      O100 -O219
   O359            |      O430 -O60          |      O230 -O239
 M O980 -O998      |      O670 -O679         |      O260 -O264
   R75             |      O95               |      O266 -O269
                   |    M O980 -O998         |      O310
--- O360  ---      |      R75               |      O367
                   |                         |      O430 -O60
   O030 -O079      |      --- O364  ---      |      O670 -O679
   O100 -O219      |                         |      O95
   O230 -O239      |      B200 -B24          |    M O980 -O998
   O260 -O264      |      O030 -O079         |
   O266 -O269      |      O100 -O219         |      --- O368  ---
   O310           |      O230 -O239         |
   O360           |      O260 -O264         |      B200 -B24
```

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--- O368 ---	--- O411 ---	--- O420 ---
CONTINUED		CONTINUED
O030 -O079	B200 -B24	M O670 -O679
O100 -O219	M O070 -O079	M O95
O230 -O239	M O100 -O209	M O980 -O998
O260 -O264	M O230 -O249	
O266 -O269	M O260 -O264	--- O421 ---
O310	M O266 -O269	
O368	M O310	M O070 -O079
O430 -O60	M O350 -O40	M O100 -O209
O670 -O679	O411	M O230 -O249
O95	M O430 -O60	M O260 -O264
M O980 -O998	M O670 -O679	M O266 -O269
R75	M O95	M O310
	M O980 -O998	M O350 -O40
--- O369 ---	R75	O421
		M O430 -O60
O030 -O079	--- O418 ---	M O670 -O679
O100 -O219		M O95
O230 -O239	M O070 -O079	M O980 -O998
O260 -O264	M O100 -O209	
O266 -O269	M O230 -O249	--- O422 ---
O310	M O260 -O264	
O369	M O266 -O269	M O070 -O079
O430 -O60	M O310	M O100 -O209
O670 -O679	M O350 -O40	M O230 -O249
O95	O418	M O260 -O264
M O980 -O998	M O430 -O60	M O266 -O269
	M O670 -O679	M O310
--- O40 ---	M O95	M O350 -O40
	M O980 -O998	O422
M O120 -O121		M O430 -O60
M O200 -O209	--- O419 ---	M O670 -O679
M O230 -O249		M O95
M O260 -O264	M O070 -O079	M O980 -O998
M O266 -O269	M O100 -O209	
M O310	M O230 -O249	--- O429 ---
O40	M O260 -O264	
M O440 -O469	M O266 -O269	M O070 -O079
M O670 -O679	M O310	M O100 -O209
M O95	M O350 -O40	M O230 -O249
M O980 -O998	O419	M O260 -O264
	M O430 -O60	M O266 -O269
--- O410 ---	M O670 -O679	M O310
	M O95	M O350 -O40
M O070 -O079	M O980 -O998	O429
M O100 -O209		M O430 -O60
M O230 -O249	--- O420 ---	M O670 -O679
M O260 -O264		M O95
M O266 -O269	M O070 -O079	M O980 -O998
M O310	M O100 -O209	
M O350 -O40	M O230 -O249	--- O430 -O439 ---
O410	M O260 -O264	
M O430 -O60	M O266 -O269	O030 -O079
M O670 -O679	M O310	O100 -O219
M O95	M O350 -O40	O230 -O239
M O980 -O998	O420	O260 -O264
	M O430 -O60	O266 -O269

```
--- O430 -O439  --- |     --- O450  ---     |     --- O460   ---
      CONTINUED       |       CONTINUED       |       CONTINUED
      O310            |       O880 -O883      |   M O980 -O998
      O430 -O60       |     M O95             |
      O670 -O679      |     M O980 -O998      |     --- O468   ---
      O95             |                       |
    M O980 -O998      |     --- O458  ---      |       O000 -O009
                      |                       |     M O100 -O16
    --- O440  ---     |       O000 -O009      |     M O230 -O249
                      |     M O100 -O16       |     M O260 -O264
      O000 -O009      |     M O230 -O249      |     M O266 -O269
    M O100 -O16       |     M O260 -O264      |       O300 -O309
    M O230 -O249      |     M O266 -O269      |     M O310
    M O260 -O264      |       O300 -O309      |     M O360 -O40
    M O266 -O269      |     M O310            |     M O430 -O439
      O300 -O309      |     M O360 -O40       |       O468
    M O310            |     M O430 -O439      |     M O690 -O699
    M O360 -O40       |       O458            |     M O710 -O723
    M O430 -O439      |     M O690 -O699      |       O880 -O883
      O440            |     M O710 -O723      |     M O95
    M O690 -O699      |       O880 -O883      |     M O980 -O998
    M O710 -O723      |     M O95             |
      O880 -O883      |     M O980 -O998      |     --- O469   ---
    M O95             |                       |
    M O980 -O998      |     --- O459  ---      |       O000 -O009
                      |                       |     M O100 -O16
    --- O441  ---     |       O000 -O009      |     M O230 -O249
                      |     M O100 -O16       |     M O260 -O264
      O000 -O009      |     M O230 -O249      |     M O266 -O269
    M O100 -O16       |     M O260 -O264      |       O300 -O309
    M O230 -O249      |     M O266 -O269      |     M O310
    M O260 -O264      |       O300 -O309      |     M O360 -O40
    M O266 -O269      |     M O310            |     M O430 -O439
      O300 -O309      |     M O360 -O40       |       O469
    M O310            |     M O430 -O439      |     M O690 -O699
    M O360 -O40       |       O459            |     M O710 -O723
    M O430 -O439      |     M O690 -O699      |       O880 -O883
      O441            |     M O710 -O723      |     M O95
    M O690 -O699      |       O880 -O883      |     M O980 -O998
    M O710 -O723      |     M O95             |
      O880 -O883      |     M O980 -O998      |     --- O470   ---
    M O95             |                       |
    M O980 -O998      |     --- O460  ---      |       O470
                      |                       |     M O980 -O998
    --- O450  ---     |       O000 -O009      |
                      |     M O100 -O16       |     --- O471   ---
      O000 -O009      |     M O230 -O249      |
    M O100 -O16       |     M O260 -O264      |       O471
    M O230 -O249      |     M O266 -O269      |     M O980 -O998
    M O260 -O264      |       O300 -O309      |
    M O266 -O269      |     M O310            |     --- O479   ---
      O300 -O309      |     M O360 -O40       |
    M O310            |     M O430 -O439      |       B200 -B24
    M O360 -O40       |       O460            |       O479
    M O430 -O439      |     M O690 -O699      |       O980 -O998
      O450            |     M O710 -O723      |       R75
    M O690 -O699      |       O880 -O883      |
    M O710 -O723      |     M O95             |
```

```
   --- O48   ---      |    --- O623  ---      |    --- O630   ---

    B200 -B24         |     O100 -O209        |     O361 -O369
    O48               |     O230 -O249        |     O430 -O469
    O980 -O998        |     O260 -O264        |     O630
    R75               |     O266 -O269        |     O670 -O679
                      |     O310              |   M O980 -O998
   --- O60   ---      |     O330 -O349        |
                      |     O440 -O469        |    --- O631   ---
    B200 -B24         |     O623              |
    O60               |     O670 -O679        |     O361 -O369
    O980 -O998        |     O95               |     O430 -O469
    R75               |   M O980 -O998        |     O631
                      |                       |     O670 -O679
   --- O620  ---      |    --- O624  ---      |   M O980 -O998
                      |                       |
    O100 -O209        |     O100 -O209        |    --- O632   ---
    O230 -O249        |     O230 -O249        |
    O260 -O264        |     O260 -O264        |     O361 -O369
    O266 -O269        |     O266 -O269        |     O430 -O469
    O310              |     O310              |     O632
    O330 -O349        |     O330 -O349        |     O670 -O679
    O440 -O469        |     O440 -O469        |   M O980 -O998
    O620              |     O624              |
    O670 -O679        |     O670 -O679        |    --- O639   ---
    O95               |     O95               |
  M O980 -O998        |   M O980 -O998        |     O361 -O369
                      |                       |     O430 -O469
   --- O621  ---      |    --- O628  ---      |     O639
                      |                       |     O670 -O679
    O100 -O209        |     O100 -O209        |   M O980 -O998
    O230 -O249        |     O230 -O249        |
    O260 -O264        |     O260 -O264        |    --- O640   ---
    O266 -O269        |     O266 -O269        |
    O310              |     O310              |     O640
    O330 -O349        |     O330 -O349        |
    O440 -O469        |     O440 -O469        |    --- O641   ---
    O621              |     O628              |
    O670 -O679        |     O670 -O679        |     O321
    O95               |     O95               |     O641
  M O980 -O998        |   M O980 -O998        |
                      |                       |    --- O642   ---
   --- O622  ---      |    --- O629  ---      |
                      |                       |     O323
    O100 -O209        |     O100 -O209        |     O642
    O230 -O249        |     O230 -O249        |
    O260 -O264        |     O260 -O264        |    --- O643   ---
    O266 -O269        |     O266 -O269        |
    O310              |     O310              |     O323
    O330 -O349        |     O330 -O349        |     O643
    O440 -O469        |     O440 -O469        |
    O622              |     O629              |    --- O644   ---
    O670 -O679        |     O670 -O679        |
    O95               |     O95               |     O322
  M O980 -O998        |   M O980 -O998        |     O644
                      |                       |
```

```
                         TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

 --- O645  ---      |    --- O660  ---      |    --- O678  ---
                    |                       |       CONTINUED
    O326            |       O660            |    M O230 -O249
    O645            |                       |    M O260 -O264
                    |    --- O661  ---      |    M O266 -O269
 --- O648  ---      |                       |      O300 -O309
                    |       O661            |    M O310
    O328            |                       |    M O360 -O40
    O648            |    --- O662  ---      |    M O430 -O439
                    |                       |      O678
 --- O649  ---      |       O662            |    M O690 -O699
                    |                       |    M O710 -O723
    O320 -O329      |    --- O663  ---      |      O880 -O883
    O640 -O649      |                       |    M O95
                    |       O663            |    M O980 -O998
 --- O650  ---      |                       |      R75
                    |    --- O664  ---      |
    O330            |                       |    --- O679  ---
    O650            |       O664            |
                    |                       |      B200 -B24
 --- O651  ---      |    --- O665  ---      |      O000 -O009
                    |                       |    M O100 -O16
    O331            |       O665            |    M O230 -O249
    O651            |                       |    M O260 -O264
                    |    --- O668  ---      |    M O266 -O269
 --- O652  ---      |                       |      O300 -O309
                    |       O668            |    M O310
    O332            |                       |    M O360 -O40
    O652            |    --- O669  ---      |    M O430 -O439
                    |                       |      O679
 --- O653  ---      |      O320 -O349      |    M O690 -O699
                    |      O640 -O669      |    M O710 -O723
    O333            |                       |      O880 -O883
    O653            |    --- O670  ---      |    M O95
                    |                       |    M O980 -O998
 --- O654  ---      |      B200 -B24      |      R75
                    |      O000 -O009      |
    O339            |    M O100 -O16      |    --- O680  ---
    O654            |    M O230 -O249      |
    O659            |    M O260 -O264      |      B200 -B24
                    |    M O266 -O269      |      O680
 --- O655  ---      |      O300 -O309      |      O980 -O998
                    |    M O310            |      R75
    O340 -O349      |    M O360 -O40      |
    O655            |    M O430 -O439      |    --- O681  ---
                    |      O670            |
 --- O658  ---      |    M O690 -O699      |      B200 -B24
                    |    M O710 -O723      |      O681
    O348            |      O880 -O883      |      O980 -O998
    O658            |    M O95            |      R75
                    |    M O980 -O998      |
 --- O659  ---      |      R75            |    --- O682  ---
                    |                       |
    O330 -O349      |    --- O678  ---      |      B200 -B24
    O650 -O659      |                       |      O682
                    |      B200 -B24      |      O980 -O998
                    |      O000 -O009      |      R75
                    |    M O100 -O16      |

                         D-317   (10-04)
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   --- O683  ---     |    --- O700  ---     |    --- O712  ---
                     |       CONTINUED      |
    B200 -B24        |    M O904            |     O100 -O16
    O683             |                      |     O265
    O980 -O998       |     --- O701  ---    |     O340 -O349
    R75              |                      |     O610 -O619
                     |    M O265            |    M O620 -O629
   --- O688  ---     |      O701            |     O712
                     |    M O750 -O759      |     O720 -O731
    B200 -B24        |    M O904            |     O750 -O759
    O688             |                      |     O904
    O980 -O998       |     --- O702  ---    |
    R75              |                      |    --- O713  ---
                     |    M O265            |
   --- O689  ---     |      O702            |     O100 -O16
                     |    M O750 -O759      |     O265
    B200 -B24        |    M O904            |     O340 -O349
    O689             |                      |     O610 -O619
    O980 -O998       |     --- O703  ---    |    M O620 -O629
    R75              |                      |     O713
                     |    M O265            |     O720 -O731
   --- O690  ---     |      O703            |     O750 -O759
                     |    M O750 -O759      |     O904
    O690             |    M O904            |
                     |                      |    --- O714  ---
   --- O691  ---     |     --- O709  ---    |
                     |                      |     O100 -O16
    O691             |    M O265            |     O265
                     |      O709            |     O340 -O349
   --- O692  ---     |    M O750 -O759      |     O610 -O619
                     |    M O904            |    M O620 -O629
    O692             |                      |     O714
                     |     --- O710  ---    |     O720 -O731
   --- O693  ---     |                      |     O750 -O759
                     |     O100 -O16        |     O904
    O693             |     O265             |
                     |     O340 -O349       |    --- O715  ---
   --- O694  ---     |     O610 -O619       |
                     |    M O620 -O629      |     O100 -O16
    O694             |     O710             |     O265
                     |     O720 -O731       |     O340 -O349
   --- O695  ---     |     O750 -O759       |     O610 -O619
                     |     O904             |    M O620 -O629
    O695             |                      |     O715
                     |     --- O711  ---    |     O720 -O731
   --- O698  ---     |                      |     O750 -O759
                     |     O100 -O16        |     O904
    O698             |     O265             |
                     |     O340 -O349       |    --- O716  ---
   --- O699  ---     |     O610 -O619       |
                     |    M O620 -O629      |     O100 -O16
    O699             |     O711             |     O265
                     |     O720 -O731       |     O340 -O349
   --- O700  ---     |     O750 -O759       |     O610 -O619
                     |     O904             |    M O620 -O629
  M O265             |                      |     O716
    O700             |                      |     O720 -O731
  M O750 -O759       |                      |     O750 -O759
```

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   --- O716  ---      |     --- O721  ---      |     --- O731   ---
      CONTINUED       |        CONTINUED       |        CONTINUED
      O904            |     O100 -O16          |   M O980 -O998
                      |     O220 -O229         |
   --- O717  ---      |     O265              |     --- O740   ---
                      |     O360 -O369         |
      O100 -O16       |   M O40  -O469         |      B200 -B24
      O265            |   M O620 -O629         |      O265
      O340 -O349      |   M O670 -O679         |      O740 -O750
      O610 -O619      |     O721 -O723         |      O904
   M O620 -O629       |     O750 -O909         |   M O980 -O998
      O640 -O649      |   M O980 -O998         |      R75
      O717            |     R75                |
      O720 -O731      |                        |     --- O741   ---
      O750 -O759      |     --- O722   ---     |
      O904            |                        |      B200 -B24
                      |   M B200 -B24          |      O265
   --- O718   ---     |     O100 -O16          |      O741 -O750
                      |     O220 -O229         |      O904
      O100 -O16       |     O265              |   M O980 -O998
      O265            |     O360 -O369         |      R75
      O340 -O349      |   M O40  -O469         |
      O610 -O619      |   M O620 -O629         |     --- O742   ---
   M O620 -O629       |   M O670 -O679         |
      O718            |     O722 -O723         |      B200 -B24
      O720 -O731      |     O750 -O909         |      O265
      O750 -O759      |   M O980 -O998         |      O742 -O750
      O904            |     R75                |      O904
                      |                        |   M O980 -O998
   --- O719   ---     |     --- O723   ---     |      R75
                      |                        |
      O100 -O16       |   M B200 -B24          |     --- O743   ---
      O265            |     O100 -O16          |
      O340 -O349      |     O220 -O229         |      B200 -B24
      O610 -O619      |     O265              |      O265
   M O620 -O629       |     O360 -O369         |      O743 -O750
      O719 -O731      |   M O40  -O469         |      O904
      O750 -O759      |   M O620 -O629         |   M O980 -O998
      O904            |   M O670 -O679         |      R75
                      |     O723              |
   --- O720   ---     |     O750 -O909         |     --- O744   ---
                      |   M O980 -O998         |
   M B200 -B24        |     R75                |      B200 -B24
      O100 -O16       |                        |      O265
      O220 -O229      |     --- O730   ---     |      O744 -O750
      O265            |                        |      O904
      O360 -O369      |     O440 -O469         |   M O980 -O998
   M O40  -O469       |     O670 -O679         |      R75
   M O620 -O629       |     O700 -O719         |
   M O670 -O679       |     O730              |     --- O745   ---
      O720 -O723      |   M O980 -O998         |
      O750 -O909      |                        |      B200 -B24
   M O980 -O998       |     --- O731   ---     |      O265
      R75             |                        |      O745 -O750
                      |     O440 -O469         |      O904
   --- O721   ---     |     O670 -O679         |   M O980 -O998
                      |     O700 -O719         |      R75
   M B200 -B24        |     O731              |
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   --- O746  ---      |      --- O85   ---      |      --- O872  ---
                      |         CONTINUED        |
   B200 -B24          |   M O904                 |     B200 -B24
   O265               |   M O95                  |     O100 -O16
   O746 -O750         |     O980 -O989           |     O265
   O904               |     R75                  |     O440 -O469
 M O980 -O998         |                          |     O670 -O679
   R75                |      --- O860  ---        |     O750 -O85
                      |                          |     O872
   --- O747  ---      |   M B200 -B24            |     O904
                      |   M O100 -O16            |   M O980 -O998
   B200 -B24          |   M O240 -O249           |     R75
   O265               |   M O265                 |
   O747 -O750         |     O440 -O469           |      --- O873  ---
   O904               |     O670 -O679           |
 M O980 -O998         |   M O700 -O723           |     B200 -B24
   R75                |     O740 -O749           |     O100 -O16
                      |   M O750 -O759           |     O265
   --- O748  ---      |     O85  -O879           |     O440 -O469
                      |   M O880 -O888           |     O670 -O679
   B200 -B24          |     O890 -O903           |     O750 -O85
   O748 -O750         |   M O904                 |     O873
   O904               |     O905 -O927           |     O904
 M O980 -O998         |   M O980 -O998           |   M O980 -O998
   R75                |     R75                  |     R75
                      |                          |
   --- O749  ---      |      --- O864  ---        |      --- O878  ---
                      |                          |
   B200 -B24          |     B200 -B24            |     B200 -B24
   O265               |     O864                 |     O100 -O16
   O749 -O750         |     O980 -O998           |     O265
   O904               |     R75                  |     O440 -O469
 M O980 -O998         |                          |     O670 -O679
   R75                |      --- O870  ---        |     O750 -O85
                      |                          |     O878
 --- O750 -O759  ---  |     B200 -B24            |     O904
                      |     O100 -O16            |   M O980 -O998
   B200 -B24          |     O265                 |     R75
   O100 -O719         |     O440 -O469           |
   O740 -O759         |     O670 -O679           |      --- O879  ---
   O910 -O927         |     O750 -O85            |
   O980 -O998         |     O870                 |     B200 -B24
   R75                |     O904                 |     O100 -O16
                      |   M O980 -O998           |     O265
   --- O85   ---      |     R75                  |     O440 -O469
                      |                          |     O670 -O679
   B200 -B24          |      --- O871  ---        |     O750 -O85
 M O120 -O121         |                          |     O879
 M O200 -O209         |     B200 -B24            |     O904
 M O230 -O239         |     O100 -O16            |   M O980 -O998
 M O260 -O269         |     O265                 |     R75
 M O310               |     O440 -O469           |
   O40  -O469         |     O670 -O679           |      --- O880  ---
   O620 -O629         |     O750 -O85            |
   O670 -O679         |     O871                 |     B200 -B24
   O700 -O731         |     O904                 |     O100 -O16
 M O750 -O759         |   M O980 -O998           |     O220 -O229
   O85                |     R75                  |     O265
```

```
  --- O880  ---      |     --- O882  ---      |     --- O890   ---
     CONTINUED       |        CONTINUED       |        CONTINUED
     O300 -O309      |   M O870 -O879         |        B200 -B24
     O340 -O349      |     O881 -O882         |   M O100 -O888
     O360 -O369      |   M O900 -O909         |        O890
     O430 -O439      |   M O95                |   M O891 -O998
  M  O440 -O469      |   M O980 -O998         |        R75
  M  O620 -O629      |      R75               |
  M  O670 -O679      |                        |      --- O891   ---
     O710 -O723      |      --- O883  ---      |
     O750 -O85       |                        |        A34
  M  O860            |      B200 -B24         |        B200 -B24
  M  O870 -O879      |      O100 -O16         |   M O100 -O890
     O880            |      O220 -O229        |        O891
  M  O900 -O909      |      O265              |   M O892 -O998
  M  O95             |      O300 -O309        |        R75
  M  O980 -O998      |      O340 -O349        |
     R75             |      O360 -O369        |      --- O892   ---
                     |      O430 -O439        |
   --- O881   ---     |   M O440 -O469         |        A34
                     |   M O620 -O629         |        B200 -B24
     B200 -B24       |   M O670 -O679         |   M O100 -O891
     O100 -O16       |      O710 -O723        |        O892
     O220 -O229      |      O750 -O85         |   M O893 -O998
     O265            |   M O860              |        R75
     O300 -O309      |   M O870 -O879         |
     O340 -O349      |      O883              |      --- O893   ---
     O360 -O369      |   M O900 -O909         |
     O430 -O439      |   M O95                |        A34
  M  O440 -O469      |   M O980 -O998         |        B200 -B24
  M  O620 -O629      |      R75               |   M O100 -O892
  M  O670 -O679      |                        |        O893
     O710 -O723      |      --- O888  ---      |   M O894 -O998
     O750 -O85       |                        |        R75
  M  O860            |      B200 -B24         |
  M  O870 -O879      |      O100 -O16         |      --- O894   ---
     O881            |      O220 -O229        |
  M  O900 -O909      |      O265              |        A34
  M  O95             |      O300 -O309        |        B200 -B24
  M  O980 -O998      |      O340 -O349        |   M O100 -O893
     R75             |      O360 -O369        |        O894
                     |      O430 -O439        |   M O895 -O998
   --- O882   ---     |   M O440 -O469         |        R75
                     |   M O620 -O629         |
     B200 -B24       |   M O670 -O679         |      --- O895   ---
     O100 -O16       |      O710 -O723        |
     O220 -O229      |      O750 -O85         |        A34
     O265            |   M O860              |   M O100 -O894
     O300 -O309      |   M O870 -O879         |        O895
     O340 -O349      |      O888              |   M O896 -O998
     O360 -O369      |   M O900 -O909         |
     O430 -O439      |   M O95                |      --- O896   ---
  M  O440 -O469      |   M O980 -O998         |
  M  O620 -O629      |      R75               |        A34
  M  O670 -O679      |                        |        B200 -B24
     O710 -O723      |      --- O890  ---      |   M O100 -O895
     O750 -O85       |                        |        O896
  M  O860            |      A34               |   M O898 -O998
```

```
   --- O896  ---      | --- O901 -O903  --- |    --- O910   ---
     CONTINUED        |      CONTINUED      |      CONTINUED
     R75              |      R75            |      R75
                      |                     |
   --- O898  ---      |    --- O904   ---   |    --- O911   ---
                      |                     |
     A34              |   M B200 -B24       |      B200 -B24
     B200 -B24        |   M O100 -O16       |    M O120 -O121
   M O100 -O896       |   M O240 -O249      |    M O200 -O209
     O898             |   M O265            |    M O230 -O239
   M O899 -O998       |     O440 -O469      |    M O260 -O264
     R75              |     O670 -O679      |    M O266 -O269
                      |   M O700 -O723      |    M O310
   --- O899  ---      |     O740 -O749      |      O40  -O429
                      |   M O750 -O759      |      O700 -O719
     A34              |     O85  -O879      |      O85
     B200 -B24        |   M O880 -O888      |      O911
   M O100 -O898       |     O890 -O927      |      O920 -O927
     O899             |   M O980 -O998      |    M O95
   M O900 -O998       |     R75             |    M O980 -O989
     R75              |                     |      R75
                      |    --- O905   ---   |
   --- O900  ---      |                     |    --- O912   ---
                      |   M B200 -B24       |
   M B200 -B24        |   M O100 -O16       |      B200 -B24
   M O100 -O16        |   M O240 -O249      |    M O120 -O121
   M O240 -O249       |   M O265            |    M O200 -O209
   M O265             |     O440 -O469      |    M O230 -O239
     O440 -O469       |     O670 -O679      |    M O260 -O264
     O670 -O679       |   M O700 -O723      |    M O266 -O269
   M O700 -O723       |     O740 -O749      |    M O310
     O740 -O749       |   M O750 -O759      |      O40  -O429
   M O750 -O759       |     O85  -O879      |      O700 -O719
     O85  -O879       |   M O880 -O888      |      O85
   M O880 -O888       |     O892 -O927      |      O912 -O927
     O890 -O900       |   M O980 -O998      |    M O95
   M O904             |     R75             |    M O980 -O989
     O905 -O927       |                     |      R75
   M O980 -O998       | --- O908 -O909  --- |
     R75              |                     |    --- O95    ---
                      |     O100 -O998      |
 --- O901 -O903  ---  |                     |      O100 -O998
                      |    --- O910   ---   |
   M B200 -B24        |                     |    --- O980   ---
   M O100 -O16        |     B200 -B24       |
   M O240 -O249       |   M O120 -O121      |      B200 -B24
   M O265             |   M O200 -O209      |      O980
     O440 -O469       |   M O230 -O239      |      R75
     O670 -O679       |   M O260 -O264      |
   M O700 -O723       |   M O266 -O269      |    --- O981   ---
     O740 -O749       |   M O310            |
   M O750 -O759       |     O40  -O429      |      B200 -B24
     O85  -O879       |     O700 -O719      |      O981
   M O880 -O888       |     O85             |      R75
     O890 -O903       |     O910            |
   M O904             |     O920 -O927      |    --- O982   ---
     O905 -O927       |   M O95             |
   M O980 -O998       |   M O980 -O989      |      B200 -B24
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                            TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

   --- O982  ---    |     --- O991  ---    |     --- O998  ---
     CONTINUED      |       CONTINUED      |       CONTINUED
     O982           |   M O992 -O998       |       O998
     R75            |     R75              |       R75
                    |                      |
   --- O983  ---    |     --- O992  ---    |     --- P000  ---
                    |                      |
     B200 -B24      |   M B200 -B24        |       P000
     O983           |   M O000 -O991       |
     R75            |     O992             |     --- P001  ---
                    |   M O993 -O998       |
   --- O984  ---    |     R75              |       P001
                    |                      |
     B200 -B24      |     --- O993  ---    |     --- P002  ---
     O984           |                      |
     R75            |   M B200 -B24        |       P002
                    |   M O000 -O992       |
   --- O985  ---    |     O993             |     --- P003  ---
                    |   M O994 -O998       |
     B200 -B24      |     R75              |       P003
     O985           |                      |       P005
     R75            |     --- O994  ---    |
                    |                      |     --- P004  ---
   --- O986  ---    |   M B200 -B24        |
                    |   M O000 -O993       |       P004
     B200 -B24      |     O994             |
     O986           |   M O995 -O998       |     --- P005  ---
     R75            |     R75              |
                    |   M T170 -T179       |       P005
   --- O988  ---    |                      |
                    |     --- O995  ---    |     --- P006  ---
   M B200 -B24      |                      |
   M O000 -O986     |   M B200 -B24        |       P006
     O988           |   M O000 -O994       |
   M O989 -O998     |     O995             |     --- P007  ---
     R75            |   M O996 -O998       |
                    |     R75              |       P007
   --- O989  ---    |                      |       P011
                    |     --- O996  ---    |
   M B200 -B24      |                      |     --- P008  ---
   M O000 -O988     |   M B200 -B24        |
     O989           |   M O000 -O995       |       P008
   M O990 -O998     |     O996             |   M P011
     R75            |   M O997 -O998       |
                    |     R75              |     --- P009  ---
   --- O990  ---    |                      |
                    |     --- O997  ---    |       P009
   M B200 -B24      |                      |
   M O000 -O989     |   M B200 -B24        |     --- P010  ---
     O990           |   M O000 -O996       |
   M O991 -O998     |     O997             |       P010
     R75            |   M O998             |
                    |     R75              |     --- P011  ---
   --- O991  ---    |                      |
                    |     --- O998  ---    |       P000 -P019
   M B200 -B24      |                      |       P027
   M O000 -O990     |   M B200 -B24        |   M P038
     O991           |   M O000 -O996       |
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                              TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


  --- P012 ---      |    --- P021 ---      |    --- P029  ---
                    |      CONTINUED       |
    P005            |      P038            |      P002
    P011 -P012   *  |                      |      P011
    Q600 -Q628      |    --- P022 ---      |      P018
    Q638 -Q639      |                      |      P020 -P022
    Q642 -Q643      |      P000            |      P027 -P029
    Q647 -Q649      |      P002            |
                    |    M P003            |    --- P030  ---
  --- P013 ---      |      P004 -P006      |
                    |      P011            |      P030
    P013            |      P015            |      P038
    P015            |      P018            |      Q000 -Q079
    Q600 -Q606      |      P020 -P023      |      Q180 -Q189
                    |      P082            |      Q330 -Q349
  --- P014 ---      |      P550 -P579      |      Q390 -Q409
                    |      P700 -P701      |      Q600 -Q688
    P014            |                      |      Q740 -Q799
                    |    --- P023 ---      |      Q851
  --- P015 ---      |                      |      Q860 -Q878
                    |      P015            |
    P015            |      P018            |    --- P031  ---
                    |      P020 -P029      |
  --- P016 ---      |                      |      P031
                    |    --- P024 ---      |    M P038
    P016            |                      |
                    |      P010 -P011      |    --- P032  ---
  --- P017 ---      |      P013            |
                    |      P015            |      P032
    P017            |      P024            |    M P038
                    |      P026            |      P200 -P209
  --- P018 ---      |      P030 -P031      |
                    |      P038            |    --- P033  ---
    P000 -P029      |                      |
    P040            |    --- P025 ---      |      P033
    P700 -P701      |                      |
                    |      P013            |    --- P034  ---
  --- P019 ---      |      P015            |
                    |      P017            |      P000 -P049
    P019            |      P020 -P030      |      P200 -P209
                    |      P965 -P968      |
  --- P020 ---      |                      |    --- P035  ---
                    |    --- P026 ---      |
    P020            |                      |      P010
                    |      P015            |      P035
  --- P021 ---      |      P024 -P026      |      P038
                    |                      |
    P000            |    --- P027 ---      |    --- P036  ---
    P005            |                      |
  M P010            |      P002            |      P000 -P013
    P011            |      P010 -P011      |      P036
  M P013            |      P018 -P022      |      P080 -P082
  M P015            |      P027            |      P200 -P201
    P018            |      P036            |      P550 -P560
    P020 -P021      |                      |      P700 -P701
    P023            |    --- P028 ---      |
  M P026            |                      |
    P027         *  |      P028            |
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                              TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


--- P038 -P039  --- |    --- P050  ---    |    --- P070   ---
                    |       CONTINUED     |       CONTINUED
     P000 -P039     |    Q200 -Q283       |  M K400 -K469
     P080 -P082     |    Q390 -Q393       |    P000 -P029
     P200 -P201     |    Q399 -Q459       |    P040 -P049
     P550 -P579     |    Q560 -Q688       |    P070
     P700 -P701     |    Q710 -Q999       |    P350 -P399
                    |                     |    P550 -P579
   --- P040  ---    |    --- P051  ---    |    P700 -P701
                    |                     |    Q000 -Q999
     P000 -P040     |    P000 -P009       |    R75
                    |    P011             |
   --- P041  ---    |    P018 -P019       |    --- P071   ---
                    |    P022 -P023       |
     P000 -P039     |    P040 -P049       |    B200 -B24
     P041           |    P051             |  M K400 -K469
     P044           |    P370 -P379       |    P000 -P029
     P046 -P049     |    Q000 -Q079       |    P040 -P049
                    |    Q200 -Q289       |    P071
   --- P042  ---    |    Q380 -Q459       |    P350 -P399
                    |    Q560 -Q688       |    P550 -P579
     P042           |    Q710 -Q999       |    P700 -P701
                    |                     |    Q000 -Q999
   --- P043  ---    |    --- P052  ---    |    R75
                    |                     |
     P043           |    P000 -P009       |    --- P072   ---
                    |    P011             |
   --- P044  ---    |    P018 -P019       |    B200 -B24
                    |    P022 -P023       |    K400 -K469
     P044           |    P040 -P049       |    P000 -P029
                    |    P052             |    P070 -P073
   --- P045  ---    |    P350 -P359       |    P350 -P399
                    |    P370 -P379       |    P550 -P579
     P045           |    Q000 -Q079       |    P700 -P701
                    |    Q200 -Q289       |    P940 -Q999
   --- P046  ---    |    Q380 -Q459       |    R75
                    |    Q560 -Q688       |
     P046           |    Q710 -Q999       |    --- P073   ---
                    |                     |
   --- P048  ---    |    --- P059  ---    |    B200 -B24
                    |                     |    K400 -K469
     P048           |    P000 -P009       |    P000 -P029
                    |    P011             |    P040 -P049
   --- P049  ---    |    P018 -P019       |    P073
                    |    P022 -P023       |    P350 -P399
     P040 -P049     |    P040 -P049       |    P550 -P579
                    |    P059             |    P700 -P701
   --- P050  ---    |    P350 -P359       |    Q000 -Q999
                    |    P370 -P379       |    R75
     P000 -P009     |    Q000 -Q079       |
     P011           |    Q200 -Q289       |    --- P080   ---
     P018 -P019     |    Q380 -Q459       |
     P022 -P023     |    Q560 -Q688       |    P080
     P050           |    Q710 -Q999       |    P700 -P701
     P350 -P359     |                     |
     P371 -P374     |    --- P070  ---    |    --- P081   ---
     P378           |                     |
     Q000 -Q079     |    B200 -B24        |    P081

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    --- P081  ---      |     --- P120  ---      |     --- P133   ---
       CONTINUED       |                        |        CONTINUED
     P560 -P569        |      P030 -P039        |      P159
     P700 -P701        |      P120              |
                       |      P159              |     --- P134   ---
    --- P082  ---      |                        |
                       |     --- P121   ---     |      P030 -P039
     P082              |                        |      P134
                       |      P030 -P039        |      P159
--- P100 -P109  ---    |      P121              |
                       |      P159              |     --- P138   ---
     P030 -P039        |                        |
     P100 -P112        |     --- P122   ---     |      P030 -P039
     P119              |                        |      P138
     P130 -P131        |      P030 -P039        |      P159
     P159              |      P122              |
                       |      P159              |     --- P139   ---
    --- P110  ---      |                        |
                       |     --- P123   ---     |      P030 -P039
     P030 -P039        |                        |      P139
     P110              |      P030 -P039        |      P159
     P159              |      P123              |
                       |      P159              |     --- P140   ---
    --- P111  ---      |                        |
                       |     --- P124   ---     |      P030 -P039
     P030 -P039        |                        |      P140
     P111              |      P030 -P039        |      P159
     P159              |      P124              |
                       |      P159              |     --- P141   ---
    --- P112  ---      |                        |
                       |     --- P128   ---     |      P030 -P039
     P030 -P039        |                        |      P141
     P112              |      P030 -P039        |      P159
     P159              |      P128              |
                       |      P159              |     --- P142   ---
    --- P113  ---      |                        |
                       |     --- P130   ---     |      P030 -P039
     P030 -P039        |                        |      P142
     P113              |      P030 -P039        |      P159
     P159              |      P130              |
                       |      P159              |     --- P143   ---
    --- P114  ---      |                        |
                       |     --- P131   ---     |      P030 -P039
     P030 -P039        |                        |      P143
     P114              |      P030 -P039        |      P159
     P159              |      P131              |
                       |      P159              |     --- P148   ---
    --- P115  ---      |                        |
                       |     --- P132   ---     |      P030 -P039
     P030 -P039        |                        |      P148
     P115              |      P030 -P039        |      P159
     P159              |      P132              |
                       |      P159              |     --- P149   ---
    --- P119  ---      |                        |
                       |     --- P133   ---     |      P030 -P039
     P030 -P039        |                        |      P149
     P119              |      P030 -P039        |      P159
     P159              |      P133              |
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                              TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


   --- P150  ---      | --- P200 -P209  --- | --- P221 -P229  ---
                      |       CONTINUED     |       CONTINUED
     P030 -P039       |    I270 -I309       |    P000 -Q999
     P150             |    I400 -I409       |    R75
     P159             |    I99  -J22        |    T810 -T889
                      |    J81  -J853       |    Y600 -Y849
   --- P151  ---      |    J950 -J981       |
                      |    J9840-J989       | --- P230 -P240  ---
     P030 -P039       |    K400 -K469       |
     P151             |    N000 -N399       |    A000 -R825
     P159             |    P000 -Q999       |  M R826
                      |    R75              |    R827 -R892
   --- P152  ---      |                     |  M R893
                      | --- P210 -P219  --- |    R894 -R961
     P030 -P039       |                     |    R98  -Y899
     P152             |    A000 -R825       |
     P159             |  M R826             | --- P242 -P249  ---
                      |    R827 -R892       |
   --- P153  ---      |  M R893             |    A000 -R825
                      |    R894 -R961       |  M R826
     P030 -P039       |    R98  -Y899       |    R827 -R892
     P153             |                     |  M R893
     P159             |   --- P220  ---     |    R894 -R961
                      |                     |    R98  -Y899
   --- P154  ---      |  M A000 -B89        |
                      |  M B99  -E899       | --- P250 -P258  ---
     P030 -P039       |  M G000 -G98        |
     P154             |  M I260             |    B200 -B24
     P159             |  M I270 -I309       |    K440 -K449
                      |  M I400 -I409       |    P005 -P006
   --- P155  ---      |  M I99  -J22        |    P020 -P039
                      |  M J81  -J853       |    P070 -P073
     P030 -P039       |  M J950 -J981       |  M P138
     P155             |    J9840-J989       |    P152
     P159             |    K400 -K469       |  M P158
                      |  M N000 -N399       |    P159 -P399
   --- P156  ---      |  M P000 -P009       |    P550 -P569
                      |    P010 -P073       |    P612
     P030 -P039       |  M P080 -P219       |    P700 -P702
     P156             |    P220             |    P800 -P809
     P159             |  M P221 -Q999       |    P832
                      |    R75              |    Q200 -Q349
   --- P158  ---      |                     |    Q870 -Q999
                      | --- P221 -P229  --- |    R75
     P030 -P039       |                     |
     P158 -P159       |    A000 -B89        | --- P260 -P269  ---
                      |    B99  -E899       |
   --- P159  ---      |    G000 -G98        |    A000 -R825
                      |    I260             |  M R826
     P030 -P039       |    I270 -I309       |    R827 -R892
     P159             |    I400 -I409       |  M R893
                      |    I99  -J22        |    R894 -R961
 --- P200 -P209  ---  |    J81  -J853       |    R98  -Y899
                      |    J950 -J981       |
     A000 -B89        |    J9840-J989       |   --- P270  ---
     B99  -E899       |    K400 -K469       |
     G000 -G98        |    K550 -K559       |    P050 -P073
     I260             |    N000 -N399       |    P220 -P229
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--- P270 ---        |    --- P288 ---      |    --- P359 ---
  CONTINUED         |                      |      CONTINUED
  P270              |  M A000 -P285        |      P359
                    |    P288              |
--- P271 ---        |  M P289 -R961        |  --- P360 -P369 ---
                    |  M R98  -Y899        |
  P050 -P073        |                      |    A000 -R825
  P220 -P229        |  --- P289 -P291 ---  |  M R826
  P271              |                      |    R827 -R892
  Q300 -Q349        |    A000 -R825        |  M R893
                    |  M R826              |    R894 -R961
--- P278 ---        |    R827 -R892        |    R98  -Y899
                    |  M R893              |
  P050 -P073        |    R894 -R961        |    --- P370 ---
  P220 -P229        |    R98  -Y899        |
  P278              |                      |      P370
                    |  --- P292 -P299 ---  |
--- P279 ---        |                      |    --- P371 ---
                    |    A000 -B89         |
  P050 -P073        |    C000 -E899        |      P371
  P220 -P229        |    G000 -G259        |
  P279 -P280        |    G310 -G98         |    --- P372 ---
                    |    I00  -I519        |
--- P280 ---        |    I700 -J329        |      P372
                    |    J81  -J959        |
  A500 -A509        |    K070 -K929        |    --- P373 ---
  B200 -B24         |    N000 -N19         |
  P000 -P009        |    P000 -Q999        |      P373
  P011 -P013        |    R75               |
  P050 -P073        |                      |    --- P374 ---
  P220 -P229        |    --- P350 ---      |
  P280              |                      |      P374
M P350 -P399        |    P002              |
  P612              |    P350              |    --- P375 ---
  R75               |                      |
                    |    --- P351 ---      |      P375
--- P281 -P282 ---  |                      |
                    |    P002              |    --- P378 ---
  A000 -R825        |    P351              |
M R826              |                      |      A000 -R825
  R827 -R892        |    --- P352 ---      |  M R826
M R893              |                      |    R827 -R892
  R894 -R961        |    P002              |  M R893
  R98  -Y899        |    P352              |    R894 -R961
                    |                      |    R98  -Y899
--- P283 ---        |    --- P353 ---      |
                    |                      |    --- P379 ---
  P070 -P073        |    P002              |
  P283              |    P353              |      P379
                    |                      |
--- P284 -P285 ---  |    --- P358 ---      |    --- P38 ---
                    |                      |
  A000 -R825        |    P002              |      P38
M R826              |    P358              |
  R827 -R892        |                      |    --- P390 ---
M R893              |    --- P359 ---      |
  R894 -R961        |                      |      P390
  R98  -Y899        |    P002              |
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--- P391  ---        | --- P510 -P518  --- |   --- P560   ---

  A540 -A549         |   P510 -P519        |   P550 -P560
  P391               |   P53               |   P60
                     |   P60               |
--- P392  ---        |   Q792              |   --- P569   ---

  P002               |    --- P519  ---    |   P550 -P559
  P011               |                     |   P569
  P027               |   P510 -P519        |   P614
  P392               |   P53               |
                     |   P60               |   --- P570   ---
--- P393 -P398  ---  |                     |
                     | --- P520 -P529  --- |   P550 -P560
  P390 -P399         |                     |   P570
                     |   N000 -N289        |   P614
--- P399  ---        |   P000 -Q999        |
                     |                     |   --- P578   ---
  P399               |    --- P53   ---    |
                     |                     |   A500 -A599
--- P500  ---        |   P050 -P073        |   D550 -D589
                     |   P53               |   E030 -E0390
  P026               |                     |   E740
  P500               | --- P540 -P543  --- |   E742
                     |                     |   E800 -E807
--- P501  ---        | M C810 -C969        |   E840 -E849
                     |   K250 -K260        |   E880 -E889
  P026               |   K280              |   P070 -P073
  P501               |   N000 -N289        |   P350 -P359
  P509               |   P000 -Q999        |   P53
                     |                     |   P545
--- P502  ---        | --- P544 -P545  --- |   P550 -P560
                     |                     |   P578
  P020 -P022         |   N000 -N289        |   P580 -P619
  P502               |   P000 -Q999        |   Q440 -Q447
                     |                     |
--- P503  ---        |    --- P546  ---    |   --- P579   ---
                     |                     |
  P503               |   P546              |   P550 -P560
                     |   Q500 -Q529        |   P579
--- P504  ---        |                     |   P614
                     | --- P548 -P549  --- |
  P021 -P022         |                     |   --- P580   ---
  P504               |   N000 -N289        |
                     |   P000 -Q999        | M P070 -P109
--- P505  ---        |                     | M P120 -P129
                     |    --- P550  ---    | M P150 -P151
  P505               |                     | M P230 -P239
                     |   P550              | M P350 -P399
--- P508  ---        |                     |   P53
                     |    --- P551  ---    |   P545
  P508               |                     |   P580 -P589
                     |   P551              |   P60  -P619
--- P509  ---        |                     |   P782
                     | --- P558 -P559  --- |
  P026               |                     |   --- P581   ---
  P500 -P509         |   P550 -P559        |
                     |                     |   P581
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--- P581 ---	--- P598 ---	--- P613 ---
CONTINUED	CONTINUED	CONTINUED
P60	P598	P613
	Q440 -Q447	
--- P582 ---		--- P614 ---
	--- P599 ---	
P350 -P399		A000 -A09
P582	A500 -A509	A33
	D550 -D699	B200 -B24
--- P583 ---	E030 -E031	K400 -K469
	E800 -E807	P000 -P073
P583	E840 -E849	P100 -P159
P611	P070 -P073	P230 -P239
	P350 -P399	P260 -P269
--- P584 ---	P53	P293 -P619
	P550 -P560	P760 -P789
P040 -P049	P570 -P589	P920 -P923
P584	P599 -P619	P925 -P93
X40 -X49	Q200 -Q289	P960 -P962
Y400 -Y599	Q440 -Q447	P965 -Q999
		R75
--- P585 ---	--- P60 ---	
		--- P615 ---
P585	A000 -A09	
	A33	P015
--- P588 ---	B200 -B24	P070 -P073
	P070 -P073	P615
P588	P200 -P619	
	P77 -P789 *	--- P616 ---
--- P589 ---	Q200 -Q289	
	Q870 -Q899	P616
P550 -P569	R75	
P589		--- P618 ---
	--- P610 ---	
--- P590 ---		P015
	P070 -P073	P070 -P073
P070 -P073	P60 -P610	P618
P590		
	--- P611 ---	--- P619 ---
--- P591 ---		
	P200 -P299	P015
E849	P611	P070 -P073
P591		P619
	--- P612 ---	
--- P592 ---		--- P700 -P701 ---
	P015	
P592	P070 -P073	P000 -Q999
	P612	
--- P593 ---		--- P703 ---
	--- P613 ---	
P040 -P049		P000 -Q999
P593	P020	T629
	P023	X40 -X49
--- P598 ---	P100 -P109	Y400 -Y599
	P120 -P129	
E030 -E031	P260 -P269	--- P704 -P720 ---
E800 -E807	P500 -P549	
E840 -E849	P60	P000 -Q999

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                              TABLE D
           CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


--- P722 -P728  --- |     --- P769  ---     |      --- P783   ---
                    |        CONTINUED      |        CONTINUED
     P000 -Q999     |      N000 -N999       |        P000 -Q999
                    |    M P000 -P768       |        R75
--- P740 -P741  --- |      P769             |        S000 -Y899
                    |    M P77  -P969       |
     A000 -R961   * |      Q000 -Q079       |      --- P788   ---
     R98  -Y899   * |      Q200 -Q289       |
                    |      Q390 -Q459       |        E840 -E849
--- P742 -P743  --- |      Q870 -Q878       |        K400 -K439
                    |      Q900 -Q999       |        K450 -K469
     P000 -Q999     |      R75              |        P760 -P789
                    |      S000 -T983       |        Q380 -Q459
   --- P744  ---    |      Y842             |        Q860 -Q999
                    |    M Y883             |
     A000 -R961   * |                       |    --- P800 -P808   ---
     R98  -Y899   * |      --- P77   ---    |
                    |                       |      M P070 -P073
   --- P745  ---    |      P050 -P073       |        P800 -P809
                    |      P230 -P239       |        T68  -T699
     P000 -Q999     |      P350 -P509       |        W93
                    |      P77             |        X31
--- P748 -P749  --- |      Q200 -Q249       |        Y060 -Y069
                    |      Q410 -Q459       |
     A000 -R961   * |      Q790 -Q795       |      --- P809   ---
     R98  -Y899   * |      Q870 -Q899       |
                    |                       |        P070 -P073
   --- P760  ---    |      --- P780  ---    |        P800 -P809
                    |                       |        T68  -T699
     E840 -E849     |      E840 -E849       |        X31
     P760           |      P378             |        Y060 -Y069
                    |      P77  -P780       |
   --- P762  ---    |                       |      --- P810   ---
                    |      --- P781  ---    |
     P762           |                       |        P810
                    |      A000 -A09        |        T670 -T679
   --- P768  ---    |      B200 -B24        |        W92
                    |      K20  -K929       |        X30
     K400 -K439     |    M P140 -P151       |        Y060 -Y069
     K450 -K469     |      P155 -P159       |
     P378           |      P350 -P399       |      --- P818   ---
     P768           |      P510 -P519       |
     Q400 -Q439     |      P53  -P789       |        P050 -P073
     Q790 -Q799     |      P920 -P93        |        P818
     Q860 -Q878     |      Q380 -Q559       |
     Q900 -Q909     |      Q600 -Q649       |      --- P819   ---
                    |      Q790 -Q795       |
   --- P769  ---    |      Q870 -Q999       |        P050 -P073
                    |      R75              |        P819
     A000 -D489     |                       |
     E000 -E899     |      --- P782  ---    |      --- P830   ---
     G000 -G98      |                       |
     I00  -J989     |      P782             |        P050 -P073
     K20  -K929     |                       |        P800 -P809
     L120 -L139     |      --- P783  ---    |        P830
     L930           |                       |
     M000 -M1990  * |      A000 -K929       |
     M300 -M359     |      M000 -N999       |

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                            TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


   --- P832  ---    |    --- P910  ---    |    --- P919  ---
                    |      CONTINUED      |      CONTINUED
     A500           |      Q000 -Q079     |      Q000 -Q079
     A502           |      Q200 -Q289     |
     A509           |                     |    --- P920  ---
     D550 -D551     |    --- P911  ---    |
     D560 -D563     |                     |      A000 -A09
     D568 -D569     |      P100 -P109     |      E000 -E899
     D580           |      P200 -P219     |      P000 -P969
     E880           |      P520 -P529     |      Q390 -Q459
     N009           |      P911           |
     N019           |      Q000 -Q079     |    --- P921  ---
     N049           |                     |
     P000 -P001     |    --- P912  ---    |      P921
     P023           |                     |
     P550 -P570     |      P100 -P109     |    --- P922  ---
     P614           |      P200 -P219     |
     P832           |      P520 -P529     |      P922
     Q200 -Q279     |      P912           |
     Q600 -Q623     |      Q000 -Q079     |    --- P923  ---
     Q628 -Q639     |                     |
     Q897           |    --- P913  ---    |      P923
                    |                     |
   --- P833  ---    |      E700 -E789     |    --- P924  ---
                    |      E791 -E849     |
     P550 -P570     |      G938           |      P924
     P614           |      P000 -Q999     |
     P833           |                     |    --- P925  ---
     Q200 -Q289     |    --- P914  ---    |
     Q600 -Q639     |                     |      P925
     Q642 -Q649     |      P100 -P109     |
     Q820           |      P200 -P219     |    --- P928  ---
                    |      P520 -P529     |
   --- P834  ---    |      P914           |      P928
                    |      Q000 -Q079     |
     P834           |                     |    --- P929  ---
                    |    --- P915  ---    |
   --- P835  ---    |                     |      P040 -P049
                    |      P100 -P109     |      P929
     P835           |      P200 -P219     |      Y400 -Y599
                    |      P520 -P529     |
   --- P838  ---    |      P915           |    --- P93   ---
                    |      Q000 -Q079     |
     P838           |                     |      P040 -P049
                    |    --- P918  ---    |      P93
   --- P90   ---    |                     |      T360 -T509
                    |      P100 -P109     |      Y400 -Y599
     E000 -E899     |      P200 -P219     |
     G400 -G409     |      P520 -P529     |
     G800 -G809     |      P918           |    --- P941  ---
     P000 -Q999     |      Q000 -Q079     |
                    |                     |      G800 -G809
   --- P910  ---    |    --- P919  ---    |      P941
                    |                     |
     P100 -P109     |      P100 -P109     |  --- P942 -P949  ---
     P200 -P219     |      P200 -P219     |
     P520 -P529     |      P520 -P529     |      E000 -E899
     P910           |      P919           |      G800 -G809
                    |                     |      P000 -Q999
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--- P960 ---      |   --- Q000 ---      |   --- Q010 ---
                  |     CONTINUED       |     CONTINUED
  A000 -A09       | M Q898              | M Q998
  A33             |   Q900 -Q939        |   Q999
  B200 -B24       | M Q998              |
  K400 -K469      |   Q999              |   --- Q011 ---
  N000 -N999      |                     |
  P000 -Q999      |   --- Q001 ---      |   A500 -A509
  R75             |                     | M P000 -P009
  S000 -Y899      |   A500 -A509        |   P012 -P013
                  | M P000 -P009        |   P041 -P049
  --- P961 ---    |   P012 -P013        |   P350 -P359
                  |   P041 -P049        |   P370 -P374
  P044            |   P350 -P359        |   P378 -P379
  P961            |   P370 -P374        |   Q011
                  |   P378 -P379        |   Q851 -Q868
  --- P962 ---    |   Q001              |   Q874 -Q875
                  |   Q851 -Q868        |   Q893 -Q897
  P962            |   Q874 -Q875        | M Q898
  Y400 -Y599      |   Q893 -Q897        |   Q900 -Q939
                  | M Q898              | M Q998
  --- P963 ---    |   Q900 -Q939        |   Q999
                  | M Q998              |
  P963            |   Q999              |   --- Q012 ---
                  |                     |
  --- P964 ---    |   --- Q002 ---      |   A500 -A509
                  |                     | M P000 -P009
  P964            |   A500 -A509        |   P012 -P013
  Q000 -Q999      | M P000 -P009        |   P041 -P049
                  |   P012 -P013        |   P350 -P359
  --- P965 ---    |   P041 -P049        |   P370 -P374
                  |   P350 -P359        |   P378 -P379
  P550 -P559      |   P370 -P374        |   Q012
  P965            |   P378 -P379        |   Q851 -Q868
  Q000 -Q999      |   Q002              |   Q874 -Q875
                  |   Q851 -Q868        |   Q893 -Q897
--- P968 -P969 ---|   Q874 -Q875        | M Q898
                  |   Q893 -Q897        |   Q900 -Q939
  A000 -R825      | M Q898              | M Q998
M R826            |   Q900 -Q939        |   Q999
  R827 -R892      | M Q998              |
M R893            |   Q999              |   --- Q018 ---
  R894 -R961      |                     |
  R98  -Y899      |   --- Q010 ---      |   A500 -A509
                  |                     | M P000 -P009
  --- Q000 ---    |   A500 -A509        |   P012 -P013
                  | M P000 -P009        |   P041 -P049
  A500 -A509      |   P012 -P013        |   P350 -P359
M P000 -P009      |   P041 -P049        |   P370 -P374
  P012 -P013      |   P350 -P359        |   P378 -P379
  P041 -P049      |   P370 -P374        |   Q018
  P350 -P359      |   P378 -P379        |   Q851 -Q868
  P370 -P374      |   Q010              |   Q874 -Q875
  P378 -P379      |   Q851 -Q868        |   Q893 -Q897
  Q000            |   Q874 -Q875        | M Q898
  Q851 -Q868      |   Q893 -Q897        |   Q900 -Q939
  Q874 -Q875      | M Q898              | M Q998
  Q893 -Q897      |   Q900 -Q939        |   Q999
```

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  --- Q019  ---      |     --- Q031  ---    |     --- Q040   ---
                     |        CONTINUED     |        CONTINUED
    A500 -A509       |     P012 -P013       |     P350 -P359
M   P000 -P009       |     P041 -P049       |     P370 -P374
    P012 -P013       |     P350 -P359       |     P378 -P379
    P041 -P049       |     P370 -P374       |     Q040
    P350 -P359       |     P378 -P379       |     Q851 -Q868
    P370 -P374       |     Q031             |     Q874 -Q875
    P378 -P379       |     Q851 -Q868       |     Q893 -Q897
    Q019             |     Q874 -Q875       | M   Q898
    Q851 -Q868       |     Q893 -Q897       |     Q900 -Q939
    Q874 -Q875       | M   Q898             | M   Q998
    Q893 -Q897       |     Q900 -Q939       |     Q999
M   Q898             | M   Q998             |
    Q900 -Q939       |     Q999             |     --- Q041   ---
M   Q998             |                      |
    Q999             |     --- Q038  ---    |     A500 -A509
                     |                      | M   P000 -P009
  --- Q02    ---     |     A500 -A509       |     P012 -P013
                     | M   P000 -P009       |     P041 -P049
    A500 -A509       |     P012 -P013       |     P350 -P359
M   P000 -P009       |     P041 -P049       |     P370 -P374
    P012 -P013       |     P350 -P359       |     P378 -P379
    P041 -P049       |     P370 -P374       |     Q041
    P350 -P359       |     P378 -P379       |     Q851 -Q868
    P370 -P374       |     Q038             |     Q874 -Q875
    P378 -P379       |     Q851 -Q868       |     Q893 -Q897
    Q02              |     Q874 -Q875       | M   Q898
    Q851 -Q868       |     Q893 -Q897       |     Q900 -Q939
    Q874 -Q875       | M   Q898             | M   Q998
    Q893 -Q897       |     Q900 -Q939       |     Q999
M   Q898             | M   Q998             |
    Q900 -Q939       |     Q999             |     --- Q042   ---
M   Q998             |                      |
    Q999             |     --- Q039  ---    |     A500 -A509
                     |                      | M   P000 -P009
  --- Q030  ---      |     A500 -A509       |     P012 -P013
                     | M   P000 -P009       |     P041 -P049
    A500 -A509       |     P012 -P013       |     P350 -P359
M   P000 -P009       |     P041 -P049       |     P370 -P374
    P012 -P013       |     P350 -P359       |     P378 -P379
    P041 -P049       |     P370 -P374       |     Q042
    P350 -P359       |     P378 -P379       |     Q851 -Q868
    P370 -P374       |     Q039             |     Q874 -Q875
    P378 -P379       |     Q851 -Q868       |     Q893 -Q897
    Q030             |     Q874 -Q875       | M   Q898
    Q851 -Q868       |     Q893 -Q897       |     Q900 -Q939
    Q874 -Q875       | M   Q898             | M   Q998
    Q893 -Q897       |     Q900 -Q939       |     Q999
M   Q898             | M   Q998             |
    Q900 -Q939       |     Q999             |     --- Q043   ---
M   Q998             |                      |
    Q999             |     --- Q040  ---    |     A500 -A509
                     |                      | M   P000 -P009
  --- Q031  ---      |     A500 -A509       |     P012 -P013
                     | M   P000 -P009       |     P041 -P049
    A500 -A509       |     P012 -P013       |     P350 -P359
M   P000 -P009       |     P041 -P049       |     P370 -P374
```

```
    --- Q043  ---     |     --- Q046  ---     |     --- Q050   ---
       CONTINUED      |        CONTINUED      |        CONTINUED
       P378 -P379     |        Q851 -Q868     |        Q893 -Q897
       Q043           |        Q874 -Q875     |      M Q898
       Q851 -Q868     |        Q893 -Q897     |        Q900 -Q939
       Q874 -Q875     |      M Q898           |      M Q998
       Q893 -Q897     |        Q900 -Q939     |        Q999
     M Q898           |      M Q998           |
       Q900 -Q939     |        Q999           |     --- Q051   ---
     M Q998           |                       |
       Q999           |     --- Q048  ---     |        A500 -A509
                      |                       |      M P000 -P009
    --- Q044   ---    |        A500 -A509     |        P012 -P013
                      |      M P000 -P009     |        P041 -P049
       A500 -A509     |        P012 -P013     |        P350 -P359
     M P000 -P009     |        P041 -P049     |        P370 -P374
       P012 -P013     |        P350 -P359     |        P378 -P379
       P041 -P049     |        P370 -P374     |        Q051
       P350 -P359     |        P378 -P379     |        Q851 -Q868
       P370 -P374     |        Q048           |        Q874 -Q875
       P378 -P379     |        Q851 -Q868     |        Q893 -Q897
       Q044           |        Q874 -Q875     |      M Q898
       Q851 -Q868     |        Q893 -Q897     |        Q900 -Q939
       Q874 -Q875     |      M Q898           |      M Q998
       Q893 -Q897     |        Q900 -Q939     |        Q999
     M Q898           |      M Q998           |
       Q900 -Q939     |        Q999           |     --- Q052   ---
     M Q998           |                       |
       Q999           |     --- Q049  ---     |        A500 -A509
                      |                       |      M P000 -P009
    --- Q045   ---    |        A500 -A509     |        P012 -P013
                      |      M P000 -P009     |        P041 -P049
       A500 -A509     |        P012 -P013     |        P350 -P359
     M P000 -P009     |        P041 -P049     |        P370 -P374
       P012 -P013     |        P350 -P359     |        P378 -P379
       P041 -P049     |        P370 -P374     |        Q052
       P350 -P359     |        P378 -P379     |        Q851 -Q868
       P370 -P374     |        Q049           |        Q874 -Q875
       P378 -P379     |        Q851 -Q868     |        Q893 -Q897
       Q045           |        Q874 -Q875     |      M Q898
       Q851 -Q868     |        Q893 -Q897     |        Q900 -Q939
       Q874 -Q875     |      M Q898           |      M Q998
       Q893 -Q897     |        Q900 -Q939     |        Q999
     M Q898           |      M Q998           |
       Q900 -Q939     |        Q999           |     --- Q053   ---
     M Q998           |                       |
       Q999           |     --- Q050  ---     |        A500 -A509
                      |                       |      M P000 -P009
    --- Q046   ---    |        A500 -A509     |        P012 -P013
                      |      M P000 -P009     |        P041 -P049
       A500 -A509     |        P012 -P013     |        P350 -P359
     M P000 -P009     |        P041 -P049     |        P370 -P374
       P012 -P013     |        P350 -P359     |        P378 -P379
       P041 -P049     |        P370 -P374     |        Q053
       P350 -P359     |        P378 -P379     |        Q851 -Q868
       P370 -P374     |        Q050           |        Q874 -Q875
       P378 -P379     |        Q851 -Q868     |        Q893 -Q897
       Q046           |        Q874 -Q875     |      M Q898
```

```
    --- Q053  ---    |    --- Q056  ---    |    --- Q060  ---
       CONTINUED     |       CONTINUED     |
       Q900 -Q939    |       Q999          |       A500 -A509
  M Q998             |                     |  M P000 -P009
       Q999          |    --- Q057  ---    |       P012 -P013
                     |                     |       P041 -P049
    --- Q054  ---    |       A500 -A509    |       P350 -P359
                     |  M P000 -P009       |       P370 -P374
       A500 -A509    |       P012 -P013    |       P378 -P379
  M P000 -P009       |       P041 -P049    |       Q060
       P012 -P013    |       P350 -P359    |       Q851 -Q868
       P041 -P049    |       P370 -P374    |       Q874 -Q875
       P350 -P359    |       P378 -P379    |       Q893 -Q897
       P370 -P374    |       Q057          |  M Q898
       P378 -P379    |       Q851 -Q868    |       Q900 -Q939
       Q054          |       Q874 -Q875    |  M Q998
       Q851 -Q868    |       Q893 -Q897    |       Q999
       Q874 -Q875    |  M Q898             |
       Q893 -Q897    |       Q900 -Q939    |
  M Q898             |  M Q998             |    --- Q061  ---
       Q900 -Q939    |       Q999          |
  M Q998             |                     |       A500 -A509
       Q999          |    --- Q058  ---    |  M P000 -P009
                     |                     |       P012 -P013
    --- Q055  ---    |       A500 -A509    |       P041 -P049
                     |  M P000 -P009       |       P350 -P359
       A500 -A509    |       P012 -P013    |       P370 -P374
  M P000 -P009       |       P041 -P049    |       P378 -P379
       P012 -P013    |       P350 -P359    |       Q061
       P041 -P049    |       P370 -P374    |       Q851 -Q868
       P350 -P359    |       P378 -P379    |       Q874 -Q875
       P370 -P374    |       Q058          |       Q893 -Q897
       P378 -P379    |       Q851 -Q868    |  M Q898
       Q055          |       Q874 -Q875    |       Q900 -Q939
       Q851 -Q868    |       Q893 -Q897    |  M Q998
       Q874 -Q875    |  M Q898             |       Q999
       Q893 -Q897    |       Q900 -Q939    |
  M Q898             |  M Q998             |
       Q900 -Q939    |       Q999          |    --- Q062  ---
  M Q998             |                     |
       Q999          |    --- Q059  ---    |       A500 -A509
                     |                     |  M P000 -P009
    --- Q056  ---    |       A500 -A509    |       P012 -P013
                     |  M P000 -P009       |       P041 -P049
       A500 -A509    |       P012 -P013    |       P350 -P359
  M P000 -P009       |       P041 -P049    |       P370 -P374
       P012 -P013    |       P350 -P359    |       P378 -P379
       P041 -P049    |       P370 -P374    |       Q062
       P350 -P359    |       P378 -P379    |       Q851 -Q868
       P370 -P374    |       Q059          |       Q874 -Q875
       P378 -P379    |       Q851 -Q868    |       Q893 -Q897
       Q056          |       Q874 -Q875    |  M Q898
       Q851 -Q868    |       Q893 -Q897    |       Q900 -Q939
       Q874 -Q875    |  M Q898             |  M Q998
       Q893 -Q897    |       Q900 -Q939    |       Q999
  M Q898             |  M Q998             |
       Q900 -Q939    |       Q999          |    --- Q063  ---
  M Q998             |                     |
                     |                     |       A500 -A509
                     |                     |  M P000 -P009
```

```
   --- Q063 ---      |    --- Q069 ---     |    --- Q079 ---
     CONTINUED       |      CONTINUED      |      CONTINUED
     P012 -P013      |      P350 -P359     |      P378 -P379
     P041 -P049      |      P370 -P374     |      Q079
     P350 -P359      |      P378 -P379     |      Q851 -Q868
     P370 -P374      |      Q069          |      Q874 -Q875
     P378 -P379      |      Q851 -Q868     |      Q893 -Q897
     Q063           |      Q874 -Q875     |   M  Q898
     Q851 -Q868      |      Q893 -Q897     |      Q900 -Q939
     Q874 -Q875      |   M  Q898          |   M  Q998
     Q893 -Q897      |      Q900 -Q939     |      Q999
  M  Q898           |   M  Q998          |
     Q900 -Q939      |      Q999          |    --- Q100 ---
  M  Q998           |                    |
     Q999           |    --- Q070 ---     |      A500 -A509
                    |                    |   M  P000 -P009
   --- Q064 ---      |      A500 -A509     |      P012 -P013
                    |   M  P000 -P009     |      P041 -P049
     A500 -A509      |      P012 -P013     |      P350 -P359
  M  P000 -P009      |      P041 -P049     |      P370 -P374
     P012 -P013      |      P350 -P359     |      P378 -P379
     P041 -P049      |      P370 -P374     |      Q100
     P350 -P359      |      P378 -P379     |      Q851 -Q868
     P370 -P374      |      Q070          |      Q874 -Q875
     P378 -P379      |      Q851 -Q868     |      Q893 -Q897
     Q064           |      Q874 -Q875     |   M  Q898
     Q851 -Q868      |      Q893 -Q897     |      Q900 -Q939
     Q874 -Q875      |   M  Q898          |   M  Q998
     Q893 -Q897      |      Q900 -Q939     |      Q999
  M  Q898           |   M  Q998          |
     Q900 -Q939      |      Q999          |    --- Q101 ---
  M  Q998           |                    |
     Q999           |    --- Q078 ---     |      A500 -A509
                    |                    |   M  P000 -P009
   --- Q068 ---      |      A500 -A509     |      P012 -P013
                    |   M  P000 -P009     |      P041 -P049
     A500 -A509      |      P012 -P013     |      P350 -P359
  M  P000 -P009      |      P041 -P049     |      P370 -P374
     P012 -P013      |      P350 -P359     |      P378 -P379
     P041 -P049      |      P370 -P374     |      Q101
     P350 -P359      |      P378 -P379     |      Q851 -Q868
     P370 -P374      |      Q078          |      Q874 -Q875
     P378 -P379      |      Q851 -Q868     |      Q893 -Q897
     Q068           |      Q874 -Q875     |   M  Q898
     Q851 -Q868      |      Q893 -Q897     |      Q900 -Q939
     Q874 -Q875      |   M  Q898          |   M  Q998
     Q893 -Q897      |      Q900 -Q939     |      Q999
  M  Q898           |   M  Q998          |
     Q900 -Q939      |      Q999          |    --- Q102 ---
  M  Q998           |                    |
     Q999           |    --- Q079 ---     |      A500 -A509
                    |                    |   M  P000 -P009
   --- Q069 ---      |      A500 -A509     |      P012 -P013
                    |   M  P000 -P009     |      P041 -P049
     A500 -A509      |      P012 -P013     |      P350 -P359
  M  P000 -P009      |      P041 -P049     |      P370 -P374
     P012 -P013      |      P350 -P359     |      P378 -P379
     P041 -P049      |      P370 -P374     |      Q102
```

```
   --- Q102  ---      |    --- Q105  ---      |    --- Q110   ---
      CONTINUED       |       CONTINUED       |       CONTINUED
      Q851 -Q868      |       Q893 -Q897      |       Q900 -Q939
      Q874 -Q875      |     M Q898            |     M Q998
      Q893 -Q897      |       Q900 -Q939      |       Q999
    M Q898            |     M Q998            |
      Q900 -Q939      |       Q999            |     --- Q111   ---
    M Q998            |                       |
      Q999            |    --- Q106  ---      |       A500 -A509
                      |                       |     M P000 -P009
    --- Q103  ---     |       A500 -A509      |       P012 -P013
                      |     M P000 -P009      |       P041 -P049
      A500 -A509      |       P012 -P013      |       P350 -P359
    M P000 -P009      |       P041 -P049      |       P370 -P374
      P012 -P013      |       P350 -P359      |       P378 -P379
      P041 -P049      |       P370 -P374      |       Q111
      P350 -P359      |       P378 -P379      |       Q851 -Q868
      P370 -P374      |       Q106            |       Q874 -Q875
      P378 -P379      |       Q851 -Q868      |       Q893 -Q897
      Q103            |       Q874 -Q875      |     M Q898
      Q851 -Q868      |       Q893 -Q897      |       Q900 -Q939
      Q874 -Q875      |     M Q898            |     M Q998
      Q893 -Q897      |       Q900 -Q939      |       Q999
    M Q898            |     M Q998            |
      Q900 -Q939      |       Q999            |     --- Q112   ---
    M Q998            |                       |
      Q999            |    --- Q107   ---     |       A500 -A509
                      |                       |     M P000 -P009
    --- Q104   ---    |       A500 -A509      |       P012 -P013
                      |     M P000 -P009      |       P041 -P049
      A500 -A509      |       P012 -P013      |       P350 -P359
    M P000 -P009      |       P041 -P049      |       P370 -P374
      P012 -P013      |       P350 -P359      |       P378 -P379
      P041 -P049      |       P370 -P374      |       Q112
      P350 -P359      |       P378 -P379      |       Q851 -Q868
      P370 -P374      |       Q107            |       Q874 -Q875
      P378 -P379      |       Q851 -Q868      |       Q893 -Q897
      Q104            |       Q874 -Q875      |     M Q898
      Q851 -Q868      |       Q893 -Q897      |       Q900 -Q939
      Q874 -Q875      |     M Q898            |     M Q998
      Q893 -Q897      |       Q900 -Q939      |       Q999
    M Q898            |     M Q998            |
      Q900 -Q939      |       Q999            |     --- Q113   ---
    M Q998            |                       |
      Q999            |    --- Q110   ---     |       A500 -A509
                      |                       |     M P000 -P009
    --- Q105  ---     |       A500 -A509      |       P012 -P013
                      |     M P000 -P009      |       P041 -P049
      A500 -A509      |       P012 -P013      |       P350 -P359
    M P000 -P009      |       P041 -P049      |       P370 -P374
      P012 -P013      |       P350 -P359      |       P378 -P379
      P041 -P049      |       P370 -P374      |       Q113
      P350 -P359      |       P378 -P379      |       Q851 -Q868
      P370 -P374      |       Q110            |       Q874 -Q875
      P378 -P379      |       Q851 -Q868      |       Q893 -Q897
      Q105            |       Q874 -Q875      |     M Q898
      Q851 -Q868      |       Q893 -Q897      |       Q900 -Q939
      Q874 -Q875      |     M Q898            |     M Q998
```

```
    --- Q113  ---     |     --- Q123  ---     |     --- Q129   ---
      CONTINUED       |                       |       CONTINUED
      Q999            |     A500 -A509        |     P012 -P013
                      |   M P000 -P009        |     P041 -P049
    --- Q120  ---     |     P012 -P013        |     P350 -P359
                      |     P041 -P049        |     P370 -P374
      A500 -A509      |     P350 -P359        |     P378 -P379
    M P000 -P009      |     P370 -P374        |     Q129
      P012 -P013      |     P378 -P379        |     Q851 -Q868
      P041 -P049      |     Q123              |     Q874 -Q875
      P350 -P359      |     Q851 -Q868        |     Q893 -Q897
      P370 -P374      |     Q874 -Q875        |   M Q898
      P378 -P379      |     Q893 -Q897        |     Q900 -Q939
      Q120            |   M Q898              |   M Q998
      Q851 -Q868      |     Q900 -Q939        |     Q999
      Q874 -Q875      |   M Q998              |
      Q893 -Q897      |     Q999              |
    M Q898            |                       |     --- Q130   ---
      Q900 -Q939      |                       |
    M Q998            |     --- Q124  ---     |     A500 -A509
      Q999            |                       |   M P000 -P009
                      |     A500 -A509        |     P012 -P013
    --- Q121  ---     |   M P000 -P009        |     P041 -P049
                      |     P012 -P013        |     P350 -P359
      A500 -A509      |     P041 -P049        |     P370 -P374
    M P000 -P009      |     P350 -P359        |     P378 -P379
      P012 -P013      |     P370 -P374        |     Q130
      P041 -P049      |     P378 -P379        |     Q851 -Q868
      P350 -P359      |     Q124              |     Q874 -Q875
      P370 -P374      |     Q851 -Q868        |     Q893 -Q897
      P378 -P379      |     Q874 -Q875        |   M Q898
      Q121            |     Q893 -Q897        |     Q900 -Q939
      Q851 -Q868      |   M Q898              |   M Q998
      Q874 -Q875      |     Q900 -Q939        |     Q999
      Q893 -Q897      |   M Q998              |
    M Q898            |     Q999              |
      Q900 -Q939      |                       |     --- Q131   ---
    M Q998            |                       |
      Q999            |     --- Q128  ---     |     A500 -A509
                      |                       |   M P000 -P009
    --- Q122  ---     |     A500 -A509        |     P012 -P013
                      |   M P000 -P009        |     P041 -P049
      A500 -A509      |     P012 -P013        |     P350 -P359
    M P000 -P009      |     P041 -P049        |     P370 -P374
      P012 -P013      |     P350 -P359        |     P378 -P379
      P041 -P049      |     P370 -P374        |     Q131
      P350 -P359      |     P378 -P379        |     Q851 -Q868
      P370 -P374      |     Q128              |     Q874 -Q875
      P378 -P379      |     Q851 -Q868        |     Q893 -Q897
      Q122            |     Q874 -Q875        |   M Q898
      Q851 -Q868      |     Q893 -Q897        |     Q900 -Q939
      Q874 -Q875      |   M Q898              |   M Q998
      Q893 -Q897      |     Q900 -Q939        |     Q999
    M Q898            |   M Q998              |
      Q900 -Q939      |     Q999              |
    M Q998            |                       |     --- Q132   ---
      Q999            |     --- Q129  ---     |
                      |                       |     A500 -A509
                      |     A500 -A509        |   M P000 -P009
                      |   M P000 -P009        |     P012 -P013
                      |                       |     P041 -P049
```

```
  --- Q132 ---      |    --- Q135 ---     |    --- Q140   ---
     CONTINUED      |      CONTINUED      |      CONTINUED
    P350 -P359      |     P378 -P379      |     Q851 -Q868
    P370 -P374      |     Q135            |     Q874 -Q875
    P378 -P379      |     Q851 -Q868      |     Q893 -Q897
    Q132            |     Q874 -Q875      |   M Q898
    Q851 -Q868      |     Q893 -Q897      |     Q900 -Q939
    Q874 -Q875      |   M Q898            |   M Q998
    Q893 -Q897      |     Q900 -Q939      |     Q999
  M Q898            |   M Q998            |
    Q900 -Q939      |     Q999            |    --- Q141   ---
  M Q998            |                     |
    Q999            |    --- Q138   ---   |     A500 -A509
                    |                     |   M P000 -P009
  --- Q133  ---     |     A500 -A509      |     P012 -P013
                    |   M P000 -P009      |     P041 -P049
    A500 -A509      |     P012 -P013      |     P350 -P359
  M P000 -P009      |     P041 -P049      |     P370 -P374
    P012 -P013      |     P350 -P359      |     P378 -P379
    P041 -P049      |     P370 -P374      |     Q141
    P350 -P359      |     P378 -P379      |     Q851 -Q868
    P370 -P374      |     Q138            |     Q874 -Q875
    P378 -P379      |     Q851 -Q868      |     Q893 -Q897
    Q133            |     Q874 -Q875      |   M Q898
    Q851 -Q868      |     Q893 -Q897      |     Q900 -Q939
    Q874 -Q875      |   M Q898            |   M Q998
    Q893 -Q897      |     Q900 -Q939      |     Q999
  M Q898            |   M Q998            |
    Q900 -Q939      |     Q999            |    --- Q142   ---
  M Q998            |                     |
    Q999            |    --- Q139   ---   |     A500 -A509
                    |                     |   M P000 -P009
  --- Q134  ---     |     A500 -A509      |     P012 -P013
                    |   M P000 -P009      |     P041 -P049
    A500 -A509      |     P012 -P013      |     P350 -P359
  M P000 -P009      |     P041 -P049      |     P370 -P374
    P012 -P013      |     P350 -P359      |     P378 -P379
    P041 -P049      |     P370 -P374      |     Q142
    P350 -P359      |     P378 -P379      |     Q851 -Q868
    P370 -P374      |     Q139            |     Q874 -Q875
    P378 -P379      |     Q851 -Q868      |     Q893 -Q897
    Q134            |     Q874 -Q875      |   M Q898
    Q851 -Q868      |     Q893 -Q897      |     Q900 -Q939
    Q874 -Q875      |   M Q898            |   M Q998
    Q893 -Q897      |     Q900 -Q939      |     Q999
  M Q898            |   M Q998            |
    Q900 -Q939      |     Q999            |    --- Q143   ---
  M Q998            |                     |
    Q999            |    --- Q140   ---   |     A500 -A509
                    |                     |   M P000 -P009
  --- Q135  ---     |     A500 -A509      |     P012 -P013
                    |   M P000 -P009      |     P041 -P049
    A500 -A509      |     P012 -P013      |     P350 -P359
  M P000 -P009      |     P041 -P049      |     P370 -P374
    P012 -P013      |     P350 -P359      |     P378 -P379
    P041 -P049      |     P370 -P374      |     Q143
    P350 -P359      |     P378 -P379      |     Q851 -Q868
    P370 -P374      |     Q140            |     Q874 -Q875
```

```
    --- Q143  ---      |     --- Q150  ---      |     --- Q160  ---
      CONTINUED        |       CONTINUED        |       CONTINUED
      Q893 -Q897       |       Q900 -Q939       |       Q999
    M Q898             |     M Q998             |
      Q900 -Q939       |       Q999             |     --- Q161  ---
    M Q998             |                        |
      Q999             |     --- Q158  ---      |       A500 -A509
                       |                        |     M P000 -P009
    --- Q148  ---      |       A500 -A509       |       P012 -P013
                       |     M P000 -P009       |       P041 -P049
                       |       P012 -P013       |       P350 -P359
      A500 -A509       |       P041 -P049       |       P370 -P374
    M P000 -P009       |       P350 -P359       |       P378 -P379
      P012 -P013       |       P370 -P374       |       Q161
      P041 -P049       |       P378 -P379       |       Q851 -Q868
      P350 -P359       |       Q158             |       Q874 -Q875
      P370 -P374       |       Q851 -Q868       |       Q893 -Q897
      P378 -P379       |       Q874 -Q875       |     M Q898
      Q148             |       Q893 -Q897       |       Q900 -Q939
      Q851 -Q868       |     M Q898             |     M Q998
      Q874 -Q875       |       Q900 -Q939       |       Q999
      Q893 -Q897       |     M Q998             |
    M Q898             |       Q999             |     --- Q162  ---
      Q900 -Q939       |                        |
    M Q998             |     --- Q159  ---      |       A500 -A509
      Q999             |                        |     M P000 -P009
                       |       A500 -A509       |       P012 -P013
    --- Q149  ---      |     M P000 -P009       |       P041 -P049
                       |       P012 -P013       |       P350 -P359
      A500 -A509       |       P041 -P049       |       P370 -P374
    M P000 -P009       |       P350 -P359       |       P378 -P379
      P012 -P013       |       P370 -P374       |       Q162
      P041 -P049       |       P378 -P379       |       Q851 -Q868
      P350 -P359       |       Q159             |       Q874 -Q875
      P370 -P374       |       Q851 -Q868       |       Q893 -Q897
      P378 -P379       |       Q874 -Q875       |     M Q898
      Q149             |       Q893 -Q897       |       Q900 -Q939
      Q851 -Q868       |     M Q898             |     M Q998
      Q874 -Q875       |       Q900 -Q939       |       Q999
      Q893 -Q897       |     M Q998             |
    M Q898             |       Q999             |     --- Q163  ---
      Q900 -Q939       |                        |
    M Q998             |     --- Q160  ---      |       A500 -A509
      Q999             |                        |     M P000 -P009
                       |       A500 -A509       |       P012 -P013
    --- Q150  ---      |     M P000 -P009       |       P041 -P049
                       |       P012 -P013       |       P350 -P359
      A500 -A509       |       P041 -P049       |       P370 -P374
    M P000 -P009       |       P350 -P359       |       P378 -P379
      P012 -P013       |       P370 -P374       |       Q163
      P041 -P049       |       P378 -P379       |       Q851 -Q868
      P350 -P359       |       Q160             |       Q874 -Q875
      P370 -P374       |       Q851 -Q868       |       Q893 -Q897
      P378 -P379       |       Q874 -Q875       |     M Q898
      Q150             |       Q893 -Q897       |       Q900 -Q939
      Q851 -Q868       |     M Q898             |     M Q998
      Q874 -Q875       |       Q900 -Q939       |       Q999
      Q893 -Q897       |     M Q998             |
    M Q898             |                        |
```

```
                         TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

   --- Q164  ---     |    --- Q170  ---     |    --- Q173   ---
                     |      CONTINUED       |      CONTINUED
     A500 -A509      |      P012 -P013      |      P350 -P359
  M  P000 -P009      |      P041 -P049      |      P370 -P374
     P012 -P013      |      P350 -P359      |      P378 -P379
     P041 -P049      |      P370 -P374      |      Q173
     P350 -P359      |      P378 -P379      |      Q851 -Q868
     P370 -P374      |      Q170            |      Q874 -Q875
     P378 -P379      |      Q851 -Q868      |      Q893 -Q897
     Q164            |      Q874 -Q875      |   M  Q898
     Q851 -Q868      |      Q893 -Q897      |      Q900 -Q939
     Q874 -Q875      |   M  Q898            |   M  Q998
     Q893 -Q897      |      Q900 -Q939      |      Q999
  M  Q898            |   M  Q998            |
     Q900 -Q939      |      Q999            |
  M  Q998            |                      |    --- Q174   ---
     Q999            |    --- Q171  ---     |
                     |                      |      A500 -A509
   --- Q165  ---     |      A500 -A509      |   M  P000 -P009
                     |   M  P000 -P009      |      P012 -P013
     A500 -A509      |      P012 -P013      |      P041 -P049
  M  P000 -P009      |      P041 -P049      |      P350 -P359
     P012 -P013      |      P350 -P359      |      P370 -P374
     P041 -P049      |      P370 -P374      |      P378 -P379
     P350 -P359      |      P378 -P379      |      Q174
     P370 -P374      |      Q171            |      Q851 -Q868
     P378 -P379      |      Q851 -Q868      |      Q874 -Q875
     Q165            |      Q874 -Q875      |      Q893 -Q897
     Q851 -Q868      |      Q893 -Q897      |   M  Q898
     Q874 -Q875      |   M  Q898            |      Q900 -Q939
     Q893 -Q897      |      Q900 -Q939      |   M  Q998
  M  Q898            |   M  Q998            |      Q999
     Q900 -Q939      |      Q999            |
  M  Q998            |                      |    --- Q175   ---
     Q999            |    --- Q172  ---     |
                     |                      |      A500 -A509
   --- Q169  ---     |      A500 -A509      |   M  P000 -P009
                     |   M  P000 -P009      |      P012 -P013
     A500 -A509      |      P012 -P013      |      P041 -P049
  M  P000 -P009      |      P041 -P049      |      P350 -P359
     P012 -P013      |      P350 -P359      |      P370 -P374
     P041 -P049      |      P370 -P374      |      P378 -P379
     P350 -P359      |      P378 -P379      |      Q175
     P370 -P374      |      Q172            |      Q851 -Q868
     P378 -P379      |      Q851 -Q868      |      Q874 -Q875
     Q169            |      Q874 -Q875      |      Q893 -Q897
     Q851 -Q868      |      Q893 -Q897      |   M  Q898
     Q874 -Q875      |   M  Q898            |      Q900 -Q939
     Q893 -Q897      |      Q900 -Q939      |   M  Q998
  M  Q898            |   M  Q998            |      Q999
     Q900 -Q939      |      Q999            |
  M  Q998            |                      |    --- Q178   ---
     Q999            |    --- Q173  ---     |
                     |                      |      A500 -A509
   --- Q170  ---     |      A500 -A509      |   M  P000 -P009
                     |   M  P000 -P009      |      P012 -P013
     A500 -A509      |      P012 -P013      |      P041 -P049
  M  P000 -P009      |      P041 -P049      |      P350 -P359
                     |                      |      P370 -P374

                         D-342   (10-04)
```

```
   --- Q178  ---     |     --- Q181  ---     |     --- Q184   ---
     CONTINUED       |       CONTINUED       |       CONTINUED
     P378 -P379      |       Q851 -Q868      |       Q893 -Q897
     Q178            |       Q874 -Q875      |     M Q898
     Q851 -Q868      |       Q893 -Q897      |       Q900 -Q939
     Q874 -Q875      |     M Q898            |     M Q998
     Q893 -Q897      |       Q900 -Q939      |       Q999
   M Q898            |     M Q998            |
     Q900 -Q939      |       Q999            |     --- Q185   ---
   M Q998            |                       |
     Q999            |     --- Q182  ---     |       A500 -A509
                     |                       |     M P000 -P009
   --- Q179  ---     |       A500 -A509      |       P012 -P013
                     |     M P000 -P009      |       P041 -P049
     A500 -A509      |       P012 -P013      |       P350 -P359
   M P000 -P009      |       P041 -P049      |       P370 -P374
     P012 -P013      |       P350 -P359      |       P378 -P379
     P041 -P049      |       P370 -P374      |       Q185
     P350 -P359      |       P378 -P379      |       Q851 -Q868
     P370 -P374      |       Q182            |       Q874 -Q875
     P378 -P379      |       Q851 -Q868      |       Q893 -Q897
     Q179            |       Q874 -Q875      |     M Q898
     Q851 -Q868      |       Q893 -Q897      |       Q900 -Q939
     Q874 -Q875      |     M Q898            |     M Q998
     Q893 -Q897      |       Q900 -Q939      |       Q999
   M Q898            |     M Q998            |
     Q900 -Q939      |       Q999            |     --- Q186   ---
   M Q998            |                       |
     Q999            |     --- Q183  ---     |       A500 -A509
                     |                       |     M P000 -P009
   --- Q180  ---     |       A500 -A509      |       P012 -P013
                     |     M P000 -P009      |       P041 -P049
     A500 -A509      |       P012 -P013      |       P350 -P359
   M P000 -P009      |       P041 -P049      |       P370 -P374
     P012 -P013      |       P350 -P359      |       P378 -P379
     P041 -P049      |       P370 -P374      |       Q186
     P350 -P359      |       P378 -P379      |       Q851 -Q868
     P370 -P374      |       Q183            |       Q874 -Q875
     P378 -P379      |       Q851 -Q868      |       Q893 -Q897
     Q180            |       Q874 -Q875      |     M Q898
     Q851 -Q868      |       Q893 -Q897      |       Q900 -Q939
     Q874 -Q875      |     M Q898            |     M Q998
     Q893 -Q897      |       Q900 -Q939      |       Q999
   M Q898            |     M Q998            |
     Q900 -Q939      |       Q999            |     --- Q187   ---
   M Q998            |                       |
     Q999            |     --- Q184  ---     |       A500 -A509
                     |                       |     M P000 -P009
   --- Q181  ---     |       A500 -A509      |       P012 -P013
                     |     M P000 -P009      |       P041 -P049
     A500 -A509      |       P012 -P013      |       P350 -P359
   M P000 -P009      |       P041 -P049      |       P370 -P374
     P012 -P013      |       P350 -P359      |       P378 -P379
     P041 -P049      |       P370 -P374      |       Q187
     P350 -P359      |       P378 -P379      |       Q851 -Q868
     P370 -P374      |       Q184            |       Q874 -Q875
     P378 -P379      |       Q851 -Q868      |       Q893 -Q897
     Q181            |       Q874 -Q875      |     M Q898
```

--- Q187 ---	--- Q200 ---	--- Q204 ---
CONTINUED	CONTINUED	
Q900 -Q939	Q999	A500 -A509
M Q998		M P000 -P009
Q999	--- Q201 ---	P012 -P013
		P041 -P049
--- Q188 ---	A500 -A509	P350 -P359
	M P000 -P009	P370 -P374
A500 -A509	P012 -P013	P378 -P379
M P000 -P009	P041 -P049	Q204
P012 -P013	P350 -P359	Q851 -Q868
P041 -P049	P370 -P374	Q874 -Q875
P350 -P359	P378 -P379	Q893 -Q897
P370 -P374	Q201	M Q898
P378 -P379	Q851 -Q868	Q900 -Q939
Q188	Q874 -Q875	M Q998
Q851 -Q868	Q893 -Q897	Q999
Q874 -Q875	M Q898	
Q893 -Q897	Q900 -Q939	--- Q205 ---
M Q898	M Q998	
Q900 -Q939	Q999	A500 -A509
M Q998		M P000 -P009
Q999	--- Q202 ---	P012 -P013
		P041 -P049
--- Q189 ---	A500 -A509	P350 -P359
	M P000 -P009	P370 -P374
A500 -A509	P012 -P013	P378 -P379
M P000 -P009	P041 -P049	Q205
P012 -P013	P350 -P359	Q851 -Q868
P041 -P049	P370 -P374	Q874 -Q875
P350 -P359	P378 -P379	Q893 -Q897
P370 -P374	Q202	M Q898
P378 -P379	Q851 -Q868	Q900 -Q939
Q189	Q874 -Q875	M Q998
Q851 -Q868	Q893 -Q897	Q999
Q874 -Q875	M Q898	
Q893 -Q897	Q900 -Q939	--- Q206 ---
M Q898	M Q998	
Q900 -Q939	Q999	A500 -A509
M Q998		M P000 -P009
Q999	--- Q203 ---	P012 -P013
		P041 -P049
--- Q200 ---	A500 -A509	P350 -P359
	M P000 -P009	P370 -P374
A500 -A509	P012 -P013	P378 -P379
M P000 -P009	P041 -P049	Q206
P012 -P013	P350 -P359	Q851 -Q868
P041 -P049	P370 -P374	Q874 -Q875
P350 -P359	P378 -P379	Q893 -Q897
P370 -P374	Q203	M Q898
P378 -P379	Q851 -Q868	Q900 -Q939
Q200	Q874 -Q875	M Q998
Q851 -Q868	Q893 -Q897	Q999
Q874 -Q875	M Q898	
Q893 -Q897	Q900 -Q939	--- Q208 ---
M Q898	M Q998	
Q900 -Q939	Q999	A500 -A509
M Q998		M P000 -P009

```
  --- Q208  ---     |    --- Q211  ---     |    --- Q214  ---
    CONTINUED       |      CONTINUED       |      CONTINUED
    P012 -P013      |      P350 -P359      |      P378 -P379
    P041 -P049      |      P370 -P374      |      Q214
    P350 -P359      |      P378 -P379      |      Q851 -Q868
    P370 -P374      |      Q211           |      Q874 -Q875
    P378 -P379      |      Q851 -Q868      |      Q893 -Q897
    Q208           |      Q874 -Q875      |   M  Q898
    Q851 -Q868      |      Q893 -Q897      |      Q900 -Q939
    Q874 -Q875      |   M  Q898           |   M  Q998
    Q893 -Q897      |      Q900 -Q939      |      Q999
 M  Q898           |   M  Q998           |
    Q900 -Q939      |      Q999           |    --- Q218  ---
 M  Q998           |                      |
    Q999           |    --- Q212  ---     |      A500 -A509
                    |                      |   M  P000 -P009
  --- Q209  ---     |      A500 -A509      |      P012 -P013
                    |   M  P000 -P009      |      P041 -P049
    A500 -A509      |      P012 -P013      |      P350 -P359
 M  P000 -P009      |      P041 -P049      |      P370 -P374
    P012 -P013      |      P350 -P359      |      P378 -P379
    P041 -P049      |      P370 -P374      |      Q218
    P350 -P359      |      P378 -P379      |      Q851 -Q868
    P370 -P374      |      Q212           |      Q874 -Q875
    P378 -P379      |      Q851 -Q868      |      Q893 -Q897
    Q209           |      Q874 -Q875      |   M  Q898
    Q851 -Q868      |      Q893 -Q897      |      Q900 -Q939
    Q874 -Q875      |   M  Q898           |   M  Q998
    Q893 -Q897      |      Q900 -Q939      |      Q999
 M  Q898           |   M  Q998           |
    Q900 -Q939      |      Q999           |    --- Q219  ---
 M  Q998           |                      |
    Q999           |    --- Q213  ---     |      A500 -A509
                    |                      |   M  P000 -P009
  --- Q210  ---     |      A500 -A509      |      P012 -P013
                    |   M  P000 -P009      |      P041 -P049
    A500 -A509      |      P012 -P013      |      P350 -P359
 M  P000 -P009      |      P041 -P049      |      P370 -P374
    P012 -P013      |      P350 -P359      |      P378 -P379
    P041 -P049      |      P370 -P374      |      Q219
    P350 -P359      |      P378 -P379      |      Q851 -Q868
    P370 -P374      |      Q213           |      Q874 -Q875
    P378 -P379      |      Q851 -Q868      |      Q893 -Q897
    Q210           |      Q874 -Q875      |   M  Q898
    Q851 -Q868      |      Q893 -Q897      |      Q900 -Q939
    Q874 -Q875      |   M  Q898           |   M  Q998
    Q893 -Q897      |      Q900 -Q939      |      Q999
 M  Q898           |   M  Q998           |
    Q900 -Q939      |      Q999           |    --- Q220  ---
 M  Q998           |                      |
    Q999           |    --- Q214  ---     |      A500 -A509
                    |                      |   M  P000 -P009
  --- Q211  ---     |      A500 -A509      |      P012 -P013
                    |   M  P000 -P009      |      P041 -P049
    A500 -A509      |      P012 -P013      |      P350 -P359
 M  P000 -P009      |      P041 -P049      |      P370 -P374
    P012 -P013      |      P350 -P359      |      P378 -P379
    P041 -P049      |      P370 -P374      |      Q220
```

```
  --- Q220  ---        |     --- Q223  ---        |     --- Q226  ---
     CONTINUED         |        CONTINUED         |        CONTINUED
     Q851 -Q868        |        Q893 -Q897        |        Q900 -Q939
     Q874 -Q875        |      M Q898              |      M Q998
     Q893 -Q897        |        Q900 -Q939        |        Q999
   M Q898              |      M Q998              |
     Q900 -Q939        |        Q999              |     --- Q228  ---
   M Q998              |                          |
     Q999              |     --- Q224  ---        |        A500 -A509
                       |                          |      M P000 -P009
  --- Q221  ---        |        A500 -A509        |        P012 -P013
                       |      M P000 -P009        |        P041 -P049
     A500 -A509        |        P012 -P013        |        P350 -P359
   M P000 -P009        |        P041 -P049        |        P370 -P374
     P012 -P013        |        P350 -P359        |        P378 -P379
     P041 -P049        |        P370 -P374        |        Q228
     P350 -P359        |        P378 -P379        |        Q851 -Q868
     P370 -P374        |        Q224              |        Q874 -Q875
     P378 -P379        |        Q851 -Q868        |        Q893 -Q897
     Q221              |        Q874 -Q875        |      M Q898
     Q851 -Q868        |        Q893 -Q897        |        Q900 -Q939
     Q874 -Q875        |      M Q898              |      M Q998
     Q893 -Q897        |        Q900 -Q939        |        Q999
   M Q898              |      M Q998              |
     Q900 -Q939        |        Q999              |     --- Q229  ---
   M Q998              |                          |
     Q999              |     --- Q225  ---        |        A500 -A509
                       |                          |      M P000 -P009
  --- Q222  ---        |        A500 -A509        |        P012 -P013
                       |      M P000 -P009        |        P041 -P049
     A500 -A509        |        P012 -P013        |        P350 -P359
   M P000 -P009        |        P041 -P049        |        P370 -P374
     P012 -P013        |        P350 -P359        |        P378 -P379
     P041 -P049        |        P370 -P374        |        Q229
     P350 -P359        |        P378 -P379        |        Q851 -Q868
     P370 -P374        |        Q225              |        Q874 -Q875
     P378 -P379        |        Q851 -Q868        |        Q893 -Q897
     Q222              |        Q874 -Q875        |      M Q898
     Q851 -Q868        |        Q893 -Q897        |        Q900 -Q939
     Q874 -Q875        |      M Q898              |      M Q998
     Q893 -Q897        |        Q900 -Q939        |        Q999
   M Q898              |      M Q998              |
     Q900 -Q939        |        Q999              |     --- Q230  ---
   M Q998              |                          |
     Q999              |     --- Q226  ---        |        A500 -A509
                       |                          |      M P000 -P009
  --- Q223  ---        |        A500 -A509        |        P012 -P013
                       |      M P000 -P009        |        P041 -P049
     A500 -A509        |        P012 -P013        |        P350 -P359
   M P000 -P009        |        P041 -P049        |        P370 -P374
     P012 -P013        |        P350 -P359        |        P378 -P379
     P041 -P049        |        P370 -P374        |        Q230
     P350 -P359        |        P378 -P379        |        Q851 -Q868
     P370 -P374        |        Q226              |        Q874 -Q875
     P378 -P379        |        Q851 -Q868        |        Q893 -Q897
     Q223              |        Q874 -Q875        |      M Q898
     Q851 -Q868        |        Q893 -Q897        |        Q900 -Q939
     Q874 -Q875        |      M Q898              |      M Q998
```

--- Q230 ---		--- Q234 ---		--- Q240 ---
CONTINUED				CONTINUED
Q999		A500 -A509		P012 -P013
		M P000 -P009		P041 -P049
--- Q231 ---		P012 -P013		P350 -P359
		P041 -P049		P370 -P374
A500 -A509		P350 -P359		P378 -P379
M P000 -P009		P370 -P374		Q240
P012 -P013		P378 -P379		Q851 -Q868
P041 -P049		Q234		Q874 -Q875
P350 -P359		Q851 -Q868		Q893 -Q897
P370 -P374		Q874 -Q875		M Q898
P378 -P379		Q893 -Q897		Q900 -Q939
Q231		M Q898		M Q998
Q851 -Q868		Q900 -Q939		Q999
Q874 -Q875		M Q998		
Q893 -Q897		Q999		--- Q241 ---
M Q898				
Q900 -Q939		--- Q238 ---		A500 -A509
M Q998				M P000 -P009
Q999		A500 -A509		P012 -P013
		M P000 -P009		P041 -P049
--- Q232 ---		P012 -P013		P350 -P359
		P041 -P049		P370 -P374
A500 -A509		P350 -P359		P378 -P379
M P000 -P009		P370 -P374		Q241
P012 -P013		P378 -P379		Q851 -Q868
P041 -P049		Q238		Q874 -Q875
P350 -P359		Q851 -Q868		Q893 -Q897
P370 -P374		Q874 -Q875		M Q898
P378 -P379		Q893 -Q897		Q900 -Q939
Q232		M Q898		M Q998
Q851 -Q868		Q900 -Q939		Q999
Q874 -Q875		M Q998		
Q893 -Q897		Q999		--- Q242 ---
M Q898				
Q900 -Q939		--- Q239 ---		A500 -A509
M Q998				M P000 -P009
Q999		A500 -A509		P012 -P013
		M P000 -P009		P041 -P049
--- Q233 ---		P012 -P013		P350 -P359
		P041 -P049		P370 -P374
A500 -A509		P350 -P359		P378 -P379
M P000 -P009		P370 -P374		Q242
P012 -P013		P378 -P379		Q851 -Q868
P041 -P049		Q239		Q874 -Q875
P350 -P359		Q851 -Q868		Q893 -Q897
P370 -P374		Q874 -Q875		M Q898
P378 -P379		Q893 -Q897		Q900 -Q939
Q233		M Q898		M Q998
Q851 -Q868		Q900 -Q939		Q999
Q874 -Q875		M Q998		
Q893 -Q897		Q999		--- Q243 ---
M Q898				
Q900 -Q939		--- Q240 ---		A500 -A509
M Q998				M P000 -P009
Q999		A500 -A509		P012 -P013
		M P000 -P009		P041 -P049

```
    --- Q243  ---    |     --- Q246  ---    |     --- Q250  ---
       CONTINUED     |        CONTINUED     |        CONTINUED
      P350 -P359     |       P378 -P379     |       Q851 -Q868
      P370 -P374     |       Q246          |       Q874 -Q875
      P378 -P379     |       Q851 -Q868     |       Q893 -Q897
      Q243          |       Q874 -Q875     |   M Q898
      Q851 -Q868     |       Q893 -Q897     |       Q900 -Q939
      Q874 -Q875     |   M Q898          |   M Q998
      Q893 -Q897     |       Q900 -Q939     |       Q999
  M Q898          |   M Q998          |
      Q900 -Q939     |       Q999          |     --- Q251  ---
  M Q998          |                      |
      Q999          |     --- Q248  ---    |       A500 -A509
                      |                      |   M P000 -P009
    --- Q244  ---    |       A500 -A509     |       P012 -P013
                      |   M P000 -P009     |       P041 -P049
      A500 -A509     |       P012 -P013     |       P350 -P359
  M P000 -P009     |       P041 -P049     |       P370 -P374
      P012 -P013     |       P350 -P359     |       P378 -P379
      P041 -P049     |       P370 -P374     |       Q251
      P350 -P359     |       P378 -P379     |       Q851 -Q868
      P370 -P374     |       Q248          |       Q874 -Q875
      P378 -P379     |       Q851 -Q868     |       Q893 -Q897
      Q244          |       Q874 -Q875     |   M Q898
      Q851 -Q868     |       Q893 -Q897     |       Q900 -Q939
      Q874 -Q875     |   M Q898          |   M Q998
      Q893 -Q897     |       Q900 -Q939     |       Q999
  M Q898          |   M Q998          |
      Q900 -Q939     |       Q999          |     --- Q252  ---
  M Q998          |                      |
      Q999          |     --- Q249  ---    |       A500 -A509
                      |                      |   M P000 -P009
    --- Q245  ---    |       A500 -A509     |       P012 -P013
                      |   M P000 -P009     |       P041 -P049
      A500 -A509     |       P012 -P013     |       P350 -P359
  M P000 -P009     |       P041 -P049     |       P370 -P374
      P012 -P013     |       P350 -P359     |       P378 -P379
      P041 -P049     |       P370 -P374     |       Q252
      P350 -P359     |       P378 -P379     |       Q851 -Q868
      P370 -P374     |       Q249          |       Q874 -Q875
      P378 -P379     |       Q851 -Q868     |       Q893 -Q897
      Q245          |       Q874 -Q875     |   M Q898
      Q851 -Q868     |       Q893 -Q897     |       Q900 -Q939
      Q874 -Q875     |   M Q898          |   M Q998
      Q893 -Q897     |       Q900 -Q939     |       Q999
  M Q898          |   M Q998          |
      Q900 -Q939     |       Q999          |     --- Q253  ---
  M Q998          |                      |
      Q999          |     --- Q250  ---    |       A500 -A509
                      |                      |   M P000 -P009
    --- Q246  ---    |       A500 -A509     |       P012 -P013
                      |   M P000 -P009     |       P041 -P049
      A500 -A509     |       P012 -P013     |       P350 -P359
  M P000 -P009     |       P041 -P049     |       P370 -P374
      P012 -P013     |       P350 -P359     |       P378 -P379
      P041 -P049     |       P370 -P374     |       Q253
      P350 -P359     |       P378 -P379     |       Q851 -Q868
      P370 -P374     |       Q250          |       Q874 -Q875
```

```
   --- Q253  ---      |      --- Q256  ---      |      --- Q259  ---
      CONTINUED       |         CONTINUED       |         CONTINUED
      Q893 -Q897      |         Q900 -Q939      |         Q999
   M Q898             |      M Q998             |
      Q900 -Q939      |         Q999            |      --- Q260  ---
   M Q998             |                         |
      Q999            |      --- Q257  ---      |         A500 -A509
                      |                         |      M P000 -P009
   --- Q254  ---      |         A500 -A509      |         P012 -P013
                      |      M P000 -P009       |         P041 -P049
      A500 -A509      |         P012 -P013      |         P350 -P359
   M P000 -P009       |         P041 -P049      |         P370 -P374
      P012 -P013      |         P350 -P359      |         P378 -P379
      P041 -P049      |         P370 -P374      |         Q260
      P350 -P359      |         P378 -P379      |         Q851 -Q868
      P370 -P374      |         Q257            |         Q874 -Q875
      P378 -P379      |         Q851 -Q868      |         Q893 -Q897
      Q254            |         Q874 -Q875      |      M Q898
      Q851 -Q868      |         Q893 -Q897      |         Q900 -Q939
      Q874 -Q875      |      M Q898             |      M Q998
      Q893 -Q897      |         Q900 -Q939      |         Q999
   M Q898             |      M Q998             |
      Q900 -Q939      |         Q999            |      --- Q261  ---
   M Q998             |                         |
      Q999            |      --- Q258  ---      |         A500 -A509
                      |                         |      M P000 -P009
   --- Q255  ---      |         A500 -A509      |         P012 -P013
                      |      M P000 -P009       |         P041 -P049
      A500 -A509      |         P012 -P013      |         P350 -P359
   M P000 -P009       |         P041 -P049      |         P370 -P374
      P012 -P013      |         P350 -P359      |         P378 -P379
      P041 -P049      |         P370 -P374      |         Q261
      P350 -P359      |         P378 -P379      |         Q851 -Q868
      P370 -P374      |         Q258            |         Q874 -Q875
      P378 -P379      |         Q851 -Q868      |         Q893 -Q897
      Q255            |         Q874 -Q875      |      M Q898
      Q851 -Q868      |         Q893 -Q897      |         Q900 -Q939
      Q874 -Q875      |      M Q898             |      M Q998
      Q893 -Q897      |         Q900 -Q939      |         Q999
   M Q898             |      M Q998             |
      Q900 -Q939      |         Q999            |      --- Q262  ---
   M Q998             |                         |
      Q999            |      --- Q259  ---      |         A500 -A509
                      |                         |      M P000 -P009
   --- Q256  ---      |         A500 -A509      |         P012 -P013
                      |      M P000 -P009       |         P041 -P049
      A500 -A509      |         P012 -P013      |         P350 -P359
   M P000 -P009       |         P041 -P049      |         P370 -P374
      P012 -P013      |         P350 -P359      |         P378 -P379
      P041 -P049      |         P370 -P374      |         Q262
      P350 -P359      |         P378 -P379      |         Q851 -Q868
      P370 -P374      |         Q259            |         Q874 -Q875
      P378 -P379      |         Q851 -Q868      |         Q893 -Q897
      Q256            |         Q874 -Q875      |      M Q898
      Q851 -Q868      |         Q893 -Q897      |         Q900 -Q939
      Q874 -Q875      |      M Q898             |      M Q998
      Q893 -Q897      |         Q900 -Q939      |         Q999
   M Q898             |      M Q998             |
```

```
    --- Q263  ---      |     --- Q266  ---      |     --- Q270  ---
                       |       CONTINUED        |       CONTINUED
    A500 -A509         |     P012 -P013         |     P350 -P359
M  P000 -P009          |     P041 -P049         |     P370 -P374
    P012 -P013         |     P350 -P359         |     P378 -P379
    P041 -P049         |     P370 -P374         |     Q270
    P350 -P359         |     P378 -P379         |     Q851 -Q868
    P370 -P374         |     Q266               |     Q874 -Q875
    P378 -P379         |     Q851 -Q868         |     Q893 -Q897
    Q263               |     Q874 -Q875         |  M  Q898
    Q851 -Q868         |     Q893 -Q897         |     Q900 -Q939
    Q874 -Q875         |  M  Q898               |  M  Q998
    Q893 -Q897         |     Q900 -Q939         |     Q999
M  Q898                |  M  Q998               |
    Q900 -Q939         |     Q999               |     --- Q271  ---
M  Q998                |                        |
    Q999               |     --- Q268  ---      |     A500 -A509
                       |                        |  M  P000 -P009
    --- Q264  ---      |     A500 -A509         |     P012 -P013
                       |  M  P000 -P009         |     P041 -P049
    A500 -A509         |     P012 -P013         |     P350 -P359
M  P000 -P009          |     P041 -P049         |     P370 -P374
    P012 -P013         |     P350 -P359         |     P378 -P379
    P041 -P049         |     P370 -P374         |     Q271
    P350 -P359         |     P378 -P379         |     Q851 -Q868
    P370 -P374         |     Q268               |     Q874 -Q875
    P378 -P379         |     Q851 -Q868         |     Q893 -Q897
    Q264               |     Q874 -Q875         |  M  Q898
    Q851 -Q868         |     Q893 -Q897         |     Q900 -Q939
    Q874 -Q875         |  M  Q898               |  M  Q998
    Q893 -Q897         |     Q900 -Q939         |     Q999
M  Q898                |  M  Q998               |
    Q900 -Q939         |     Q999               |     --- Q272  ---
M  Q998                |                        |
    Q999               |     --- Q269  ---      |     A500 -A509
                       |                        |  M  P000 -P009
    --- Q265  ---      |     A500 -A509         |     P012 -P013
                       |  M  P000 -P009         |     P041 -P049
    A500 -A509         |     P012 -P013         |     P350 -P359
M  P000 -P009          |     P041 -P049         |     P370 -P374
    P012 -P013         |     P350 -P359         |     P378 -P379
    P041 -P049         |     P370 -P374         |     Q272
    P350 -P359         |     P378 -P379         |     Q851 -Q868
    P370 -P374         |     Q269               |     Q874 -Q875
    P378 -P379         |     Q851 -Q868         |     Q893 -Q897
    Q265               |     Q874 -Q875         |  M  Q898
    Q851 -Q868         |     Q893 -Q897         |     Q900 -Q939
    Q874 -Q875         |  M  Q898               |  M  Q998
    Q893 -Q897         |     Q900 -Q939         |     Q999
M  Q898                |  M  Q998               |
    Q900 -Q939         |     Q999               |     --- Q273  ---
M  Q998                |                        |
    Q999               |     --- Q270  ---      |     A500 -A509
                       |                        |  M  P000 -P009
    --- Q266  ---      |     A500 -A509         |     P012 -P013
                       |  M  P000 -P009         |     P041 -P049
    A500 -A509         |     P012 -P013         |     P350 -P359
M  P000 -P009          |     P041 -P049         |     P370 -P374
```

```
    --- Q273  ---    |    --- Q2780 ---    |    --- Q282  ---
       CONTINUED     |       CONTINUED     |
       P378 -P379    |    M Q998           |       A500 -A509
       Q273          |      Q999           |    M P000 -P009
       Q851 -Q868    |                     |      P012 -P013
       Q874 -Q875    |    --- Q279  ---    |      P041 -P049
       Q893 -Q897    |                     |      P350 -P359
    M Q898           |      A500 -A509     |      P370 -P374
       Q900 -Q939    |    M P000 -P009     |      P378 -P379
    M Q998           |      P012 -P013     |      Q282
      Q999           |      P041 -P049     |      Q851 -Q868
                     |      P350 -P359     |      Q874 -Q875
    --- Q274  ---    |      P370 -P374     |      Q893 -Q897
                     |      P378 -P379     |    M Q898
       A500 -A509    |      Q279          |      Q900 -Q939
    M P000 -P009     |      Q851 -Q868     |    M Q998
      P012 -P013     |      Q874 -Q875     |      Q999
      P041 -P049     |      Q893 -Q897     |
      P350 -P359     |    M Q898           |    --- Q2820 ---
      P370 -P374     |      Q900 -Q939     |
      P378 -P379     |    M Q998           |      A500 -A509
      Q274           |      Q999           |      A539
      Q851 -Q868     |                     |      P012 -P013
      Q874 -Q875     |    --- Q280  ---    |      P350 -P359
      Q893 -Q897     |                     |      P370 -P374
    M Q898           |      A500 -A509     |      P378 -P379
      Q900 -Q939     |    M P000 -P009     |      Q2820
    M Q998           |      P012 -P013     |      Q893 -Q939
      Q999           |      P041 -P049     |    M Q998
                     |      P350 -P359     |      Q999
    --- Q278  ---    |      P370 -P374     |
                     |      P378 -P379     |    --- Q283  ---
       A500 -A509    |      Q280          |
    M P000 -P009     |      Q851 -Q868     |      A500 -A509
      P012 -P013     |      Q874 -Q875     |    M P000 -P009
      P041 -P049     |      Q893 -Q897     |      P012 -P013
      P350 -P359     |    M Q898           |      P041 -P049
      P370 -P374     |      Q900 -Q939     |      P350 -P359
      P378 -P379     |    M Q998           |      P370 -P374
      Q278           |      Q999           |      P378 -P379
      Q851 -Q868     |                     |      Q283
      Q874 -Q875     |    --- Q281  ---    |      Q851 -Q868
      Q893 -Q897     |                     |      Q874 -Q875
    M Q898           |      A500 -A509     |      Q893 -Q897
      Q900 -Q939     |    M P000 -P009     |    M Q898
    M Q998           |      P012 -P013     |      Q900 -Q939
      Q999           |      P041 -P049     |    M Q998
                     |      P350 -P359     |      Q999
    --- Q2780 ---    |      P370 -P374     |
                     |      P378 -P379     |    --- Q2830 ---
       A500 -A509    |      Q281          |
       A539          |      Q851 -Q868     |      A500 -A509
       P012 -P013    |      Q874 -Q875     |      A539
       P350 -P359    |      Q893 -Q897     |      P012 -P013
       P370 -P374    |    M Q898           |      P350 -P359
       P378 -P379    |      Q900 -Q939     |      P370 -P374
       Q2780         |    M Q998           |      P378 -P379
       Q893 -Q939    |      Q999           |      Q2830
```

--- Q2830 ---	--- Q300 ---	--- Q308 ---
CONTINUED	CONTINUED	
Q893 -Q939	Q999	A500 -A509
M Q998		M P000 -P009
Q999	--- Q301 ---	P012 -P013
		P041 -P049
--- Q288 ---	A500 -A509	P350 -P359
	M P000 -P009	P370 -P374
A500 -A509	P012 -P013	P378 -P379
M P000 -P009	P041 -P049	Q308
P012 -P013	P350 -P359	Q851 -Q868
P041 -P049	P370 -P374	Q874 -Q875
P350 -P359	P378 -P379	Q893 -Q897
P370 -P374	Q301	M Q898
P378 -P379	Q851 -Q868	Q900 -Q939
Q288	Q874 -Q875	M Q998
Q851 -Q868	Q893 -Q897	Q999
Q874 -Q875	M Q898	
Q893 -Q897	Q900 -Q939	--- Q309 ---
M Q898	M Q998	
Q900 -Q939	Q999	A500 -A509
M Q998		M P000 -P009
Q999	--- Q302 ---	P012 -P013
		P041 -P049
--- Q289 ---	A500 -A509	P350 -P359
	M P000 -P009	P370 -P374
A500 -A509	P012 -P013	P378 -P379
M P000 -P009	P041 -P049	Q309
P012 -P013	P350 -P359	Q851 -Q868
P041 -P049	P370 -P374	Q874 -Q875
P350 -P359	P378 -P379	Q893 -Q897
P370 -P374	Q302	M Q898
P378 -P379	Q851 -Q868	Q900 -Q939
Q289	Q874 -Q875	M Q998
Q851 -Q868	Q893 -Q897	Q999
Q874 -Q875	M Q898	
Q893 -Q897	Q900 -Q939	--- Q310 ---
M Q898	M Q998	
Q900 -Q939	Q999	A500 -A509
M Q998		M P000 -P009
Q999	--- Q303 ---	P012 -P013
		P041 -P049
--- Q300 ---	A500 -A509	P350 -P359
	M P000 -P009	P370 -P374
A500 -A509	P012 -P013	P378 -P379
M P000 -P009	P041 -P049	Q310
P012 -P013	P350 -P359	Q851 -Q868
P041 -P049	P370 -P374	Q874 -Q875
P350 -P359	P378 -P379	Q893 -Q897
P370 -P374	Q303	M Q898
P378 -P379	Q851 -Q868	Q900 -Q939
Q300	Q874 -Q875	M Q998
Q851 -Q868	Q893 -Q897	Q999
Q874 -Q875	M Q898	
Q893 -Q897	Q900 -Q939	--- Q311 ---
M Q898	M Q998	
Q900 -Q939	Q999	A500 -A509
M Q998		M P000 -P009

```
  --- Q311  ---    |    --- Q315  ---    |    --- Q320   ---
   CONTINUED       |     CONTINUED       |     CONTINUED
   P012 -P013      |     P350 -P359      |     P378 -P379
   P041 -P049      |     P370 -P374      |     Q320
   P350 -P359      |     P378 -P379      |     Q851 -Q868
   P370 -P374      |     Q315            |     Q874 -Q875
   P378 -P379      |     Q851 -Q868      |     Q893 -Q897
   Q311            |     Q874 -Q875      |   M Q898
   Q851 -Q868      |     Q893 -Q897      |     Q900 -Q939
   Q874 -Q875      |   M Q898            |   M Q998
   Q893 -Q897      |     Q900 -Q939      |     Q999
 M Q898            |   M Q998            |
   Q900 -Q939      |     Q999            |    --- Q321   ---
 M Q998            |                     |
   Q999            |    --- Q318  ---    |     A500 -A509
                   |                     |   M P000 -P009
  --- Q312  ---    |     A500 -A509      |     P012 -P013
                   |   M P000 -P009      |     P041 -P049
   A500 -A509      |     P012 -P013      |     P350 -P359
 M P000 -P009      |     P041 -P049      |     P370 -P374
   P012 -P013      |     P350 -P359      |     P378 -P379
   P041 -P049      |     P370 -P374      |     Q321
   P350 -P359      |     P378 -P379      |     Q851 -Q868
   P370 -P374      |     Q318            |     Q874 -Q875
   P378 -P379      |     Q851 -Q868      |     Q893 -Q897
   Q312            |     Q874 -Q875      |   M Q898
   Q851 -Q868      |     Q893 -Q897      |     Q900 -Q939
   Q874 -Q875      |   M Q898            |   M Q998
   Q893 -Q897      |     Q900 -Q939      |     Q999
 M Q898            |   M Q998            |
   Q900 -Q939      |     Q999            |    --- Q322   ---
 M Q998            |                     |
   Q999            |    --- Q319  ---    |     A500 -A509
                   |                     |   M P000 -P009
  --- Q313  ---    |     A500 -A509      |     P012 -P013
                   |   M P000 -P009      |     P041 -P049
   A500 -A509      |     P012 -P013      |     P350 -P359
 M P000 -P009      |     P041 -P049      |     P370 -P374
   P012 -P013      |     P350 -P359      |     P378 -P379
   P041 -P049      |     P370 -P374      |     Q322
   P350 -P359      |     P378 -P379      |     Q851 -Q868
   P370 -P374      |     Q319            |     Q874 -Q875
   P378 -P379      |     Q851 -Q868      |     Q893 -Q897
   Q313            |     Q874 -Q875      |   M Q898
   Q851 -Q868      |     Q893 -Q897      |     Q900 -Q939
   Q874 -Q875      |   M Q898            |   M Q998
   Q893 -Q897      |     Q900 -Q939      |     Q999
 M Q898            |   M Q998            |
   Q900 -Q939      |     Q999            |    --- Q323   ---
 M Q998            |                     |
   Q999            |    --- Q320  ---    |     A500 -A509
                   |                     |   M P000 -P009
  --- Q315  ---    |     A500 -A509      |     P012 -P013
                   |   M P000 -P009      |     P041 -P049
   A500 -A509      |     P012 -P013      |     P350 -P359
 M P000 -P009      |     P041 -P049      |     P370 -P374
   P012 -P013      |     P350 -P359      |     P378 -P379
   P041 -P049      |     P370 -P374      |     Q323
```

```
   --- Q323  ---     |    --- Q331  ---     |    --- Q334  ---
     CONTINUED       |      CONTINUED       |      CONTINUED
    Q851 -Q868       |     Q893 -Q897       |     Q900 -Q939
    Q874 -Q875       |   M Q898             |   M Q998
    Q893 -Q897       |     Q900 -Q939       |     Q999
  M Q898             |   M Q998             |
    Q900 -Q939       |     Q999             |    --- Q335  ---
  M Q998             |                      |
    Q999             |    --- Q332  ---     |     A500 -A509
                     |                      |   M P000 -P009
   --- Q324  ---     |     A500 -A509       |     P012 -P013
                     |   M P000 -P009       |     P041 -P049
    A500 -A509       |     P012 -P013       |     P350 -P359
  M P000 -P009       |     P041 -P049       |     P370 -P374
    P012 -P013       |     P350 -P359       |     P378 -P379
    P041 -P049       |     P370 -P374       |     Q335
    P350 -P359       |     P378 -P379       |     Q851 -Q868
    P370 -P374       |     Q332             |     Q874 -Q875
    P378 -P379       |     Q851 -Q868       |     Q893 -Q897
    Q324             |     Q874 -Q875       |   M Q898
    Q851 -Q868       |     Q893 -Q897       |     Q900 -Q939
    Q874 -Q875       |   M Q898             |   M Q998
    Q893 -Q897       |     Q900 -Q939       |     Q999
  M Q898             |   M Q998             |
    Q900 -Q939       |     Q999             |    --- Q336  ---
  M Q998             |                      |
    Q999             |    --- Q333  ---     |     A500 -A509
                     |                      |   M P000 -P009
   --- Q330  ---     |     A500 -A509       |     P012 -P013
                     |   M P000 -P009       |     P041 -P049
    A500 -A509       |     P012 -P013       |     P350 -P359
  M P000 -P009       |     P041 -P049       |     P370 -P374
    P012 -P013       |     P350 -P359       |     P378 -P379
    P041 -P049       |     P370 -P374       |     Q336
    P350 -P359       |     P378 -P379       |     Q600 -Q606
    P370 -P374       |     Q333             |     Q790
    P378 -P379       |     Q851 -Q868       |     Q851 -Q868
    Q330             |     Q874 -Q875       |     Q871
    Q851 -Q868       |     Q893 -Q897       |     Q874 -Q875
    Q874 -Q875       |   M Q898             |     Q893 -Q897
    Q893 -Q897       |     Q900 -Q939       |   M Q898
  M Q898             |   M Q998             |     Q900 -Q939
    Q900 -Q939       |     Q999             |   M Q998
  M Q998             |                      |     Q999
    Q999             |    --- Q334  ---     |
                     |                      |    --- Q338  ---
   --- Q331  ---     |     A500 -A509       |
                     |   M P000 -P009       |     A500 -A509
    A500 -A509       |     P012 -P013       |   M P000 -P009
  M P000 -P009       |     P041 -P049       |     P012 -P013
    P012 -P013       |     P350 -P359       |     P041 -P049
    P041 -P049       |     P370 -P374       |     P350 -P359
    P350 -P359       |     P378 -P379       |     P370 -P374
    P370 -P374       |     Q334             |     P378 -P379
    P378 -P379       |     Q851 -Q868       |     Q338
    Q331             |     Q874 -Q875       |     Q851 -Q868
    Q851 -Q868       |     Q893 -Q897       |     Q874 -Q875
    Q874 -Q875       |   M Q898             |     Q893 -Q897
```

```
    --- Q338  ---      |      --- Q341  ---      |      --- Q353  ---
      CONTINUED        |        CONTINUED        |
  M Q898               |    M Q998               |      A500 -A509
    Q900 -Q939         |      Q999               |    M P000 -P009
  M Q998               |                         |      P012 -P013
    Q999               |                         |      P041 -P049
                       |      --- Q348  ---      |      P350 -P359
    --- Q339  ---      |                         |      P370 -P374
                       |      A500 -A509         |      P378 -P379
    A500 -A509         |    M P000 -P009         |      Q353
  M P000 -P009         |      P012 -P013         |      Q851 -Q868
    P012 -P013         |      P041 -P049         |      Q874 -Q875
    P041 -P049         |      P350 -P359         |      Q893 -Q897
    P350 -P359         |      P370 -P374         |    M Q898
    P370 -P374         |      P378 -P379         |      Q900 -Q939
    P378 -P379         |      Q348               |    M Q998
    Q339               |      Q851 -Q868         |      Q999
    Q851 -Q868         |      Q874 -Q875         |
    Q874 -Q875         |      Q893 -Q897         |
    Q893 -Q897         |    M Q898               |      --- Q355  ---
  M Q898               |      Q900 -Q939         |
    Q900 -Q939         |    M Q998               |      A500 -A509
  M Q998               |      Q999               |    M P000 -P009
    Q999               |                         |      P012 -P013
                       |      --- Q349  ---      |      P041 -P049
    --- Q340  ---      |                         |      P350 -P359
                       |      A500 -A509         |      P370 -P374
    A500 -A509         |    M P000 -P009         |      P378 -P379
  M P000 -P009         |      P012 -P013         |      Q355
    P012 -P013         |      P041 -P049         |      Q851 -Q868
    P041 -P049         |      P350 -P359         |      Q874 -Q875
    P350 -P359         |      P370 -P374         |      Q893 -Q897
    P370 -P374         |      P378 -P379         |    M Q898
    P378 -P379         |      Q349               |      Q900 -Q939
    Q340               |      Q851 -Q868         |    M Q998
    Q851 -Q868         |      Q874 -Q875         |      Q999
    Q874 -Q875         |      Q893 -Q897         |
    Q893 -Q897         |    M Q898               |
  M Q898               |      Q900 -Q939         |      --- Q357  ---
    Q900 -Q939         |    M Q998               |
  M Q998               |      Q999               |      A500 -A509
    Q999               |                         |    M P000 -P009
                       |      --- Q351  ---      |      P012 -P013
    --- Q341  ---      |                         |      P041 -P049
                       |      A500 -A509         |      P350 -P359
    A500 -A509         |    M P000 -P009         |      P370 -P374
  M P000 -P009         |      P012 -P013         |      P378 -P379
    P012 -P013         |      P041 -P049         |      Q357
    P041 -P049         |      P350 -P359         |      Q851 -Q868
    P350 -P359         |      P370 -P374         |      Q874 -Q875
    P370 -P374         |      P378 -P379         |      Q893 -Q897
    P378 -P379         |      Q351               |    M Q898
    Q341               |      Q851 -Q868         |      Q900 -Q939
    Q851 -Q868         |      Q874 -Q875         |    M Q998
    Q874 -Q875         |      Q893 -Q897         |      Q999
    Q893 -Q897         |    M Q898               |
  M Q898               |      Q900 -Q939         |
    Q900 -Q939         |    M Q998               |      --- Q359  ---
                       |      Q999               |
                       |                         |      A500 -A509
                       |                         |    M P000 -P009
```

```
  --- Q359  ---      |    --- Q369  ---      |    --- Q372  ---
    CONTINUED        |      CONTINUED        |      CONTINUED
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q372
    P350 -P359       |      P378 -P379       |      Q851 -Q868
    P370 -P374       |      Q369             |      Q874 -Q875
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q359             |      Q874 -Q875       |  M Q898
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |  M Q898             |  M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
M Q898               |  M Q998             |
    Q900 -Q939       |      Q999             |    --- Q373  ---
M Q998               |                     |
    Q999             |    --- Q370  ---      |      A500 -A509
                     |                     |  M P000 -P009
  --- Q360  ---      |      A500 -A509       |      P012 -P013
                     |  M P000 -P009       |      P041 -P049
    A500 -A509       |      P012 -P013       |      P350 -P359
M P000 -P009         |      P041 -P049       |      P370 -P374
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q373
    P350 -P359       |      P378 -P379       |      Q851 -Q868
    P370 -P374       |      Q370             |      Q874 -Q875
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q360             |      Q874 -Q875       |  M Q898
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |  M Q898             |  M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
M Q898               |  M Q998             |
    Q900 -Q939       |      Q999             |    --- Q374  ---
M Q998               |                     |
    Q999             |    --- Q371  ---      |      A500 -A509
                     |                     |  M P000 -P009
  --- Q361  ---      |      A500 -A509       |      P012 -P013
                     |  M P000 -P009       |      P041 -P049
    A500 -A509       |      P012 -P013       |      P350 -P359
M P000 -P009         |      P041 -P049       |      P370 -P374
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q374
    P350 -P359       |      P378 -P379       |      Q851 -Q868
    P370 -P374       |      Q371             |      Q874 -Q875
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q361             |      Q874 -Q875       |  M Q898
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |  M Q898             |  M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
M Q898               |  M Q998             |
    Q900 -Q939       |      Q999             |    --- Q375  ---
M Q998               |                     |
    Q999             |    --- Q372  ---      |      A500 -A509
                     |                     |  M P000 -P009
  --- Q369  ---      |      A500 -A509       |      P012 -P013
                     |  M P000 -P009       |      P041 -P049
    A500 -A509       |      P012 -P013       |      P350 -P359
M P000 -P009         |      P041 -P049       |      P370 -P374
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q375
```

--- Q375 ---	--- Q380 ---	--- Q383 ---
CONTINUED	CONTINUED	CONTINUED
Q851 -Q868	Q893 -Q897	Q900 -Q939
Q874 -Q875	M Q898	M Q998
Q893 -Q897	Q900 -Q939	Q999
M Q898	M Q998	
Q900 -Q939	Q999	--- Q384 ---
M Q998		
Q999	--- Q381 ---	A500 -A509
		M P000 -P009
--- Q378 ---	A500 -A509	P012 -P013
	M P000 -P009	P041 -P049
A500 -A509	P012 -P013	P350 -P359
M P000 -P009	P041 -P049	P370 -P374
P012 -P013	P350 -P359	P378 -P379
P041 -P049	P370 -P374	Q384
P350 -P359	P378 -P379	Q851 -Q868
P370 -P374	Q381	Q874 -Q875
P378 -P379	Q851 -Q868	Q893 -Q897
Q378	Q874 -Q875	M Q898
Q851 -Q868	Q893 -Q897	Q900 -Q939
Q874 -Q875	M Q898	M Q998
Q893 -Q897	Q900 -Q939	Q999
M Q898	M Q998	
Q900 -Q939	Q999	--- Q385 ---
M Q998		
Q999	--- Q382 ---	A500 -A509
		M P000 -P009
--- Q379 ---	A500 -A509	P012 -P013
	M P000 -P009	P041 -P049
A500 -A509	P012 -P013	P350 -P359
M P000 -P009	P041 -P049	P370 -P374
P012 -P013	P350 -P359	P378 -P379
P041 -P049	P370 -P374	Q385
P350 -P359	P378 -P379	Q851 -Q868
P370 -P374	Q382	Q874 -Q875
P378 -P379	Q851 -Q868	Q893 -Q897
Q379	Q874 -Q875	M Q898
Q851 -Q868	Q893 -Q897	Q900 -Q939
Q874 -Q875	M Q898	M Q998
Q893 -Q897	Q900 -Q939	Q999
M Q898	M Q998	
Q900 -Q939	Q999	--- Q386 ---
M Q998		
Q999	--- Q383 ---	A500 -A509
		M P000 -P009
--- Q380 ---	A500 -A509	P012 -P013
	M P000 -P009	P041 -P049
A500 -A509	P012 -P013	P350 -P359
M P000 -P009	P041 -P049	P370 -P374
P012 -P013	P350 -P359	P378 -P379
P041 -P049	P370 -P374	Q386
P350 -P359	P378 -P379	Q851 -Q868
P370 -P374	Q383	Q874 -Q875
P378 -P379	Q851 -Q868	Q893 -Q897
Q380	Q874 -Q875	M Q898
Q851 -Q868	Q893 -Q897	Q900 -Q939
Q874 -Q875	M Q898	M Q998

```
    --- Q386 ---      |    --- Q391 ---      |    --- Q394 ---
      CONTINUED        |                      |      CONTINUED
      Q999             |    A500 -A509        |    P012 -P013
                       |  M P000 -P009        |    P041 -P049
    --- Q387 ---      |    P012 -P013        |    P350 -P359
                       |    P041 -P049        |    P370 -P374
    A500 -A509        |    P350 -P359        |    P378 -P379
  M P000 -P009        |    P370 -P374        |    Q394
    P012 -P013        |    P378 -P379        |    Q851 -Q868
    P041 -P049        |    Q391              |    Q874 -Q875
    P350 -P359        |    Q851 -Q868        |    Q893 -Q897
    P370 -P374        |    Q874 -Q875        |  M Q898
    P378 -P379        |    Q893 -Q897        |    Q900 -Q939
    Q387              |  M Q898              |  M Q998
    Q851 -Q868        |    Q900 -Q939        |    Q999
    Q874 -Q875        |  M Q998              |
    Q893 -Q897        |    Q999              |    --- Q395 ---
  M Q898              |                      |
    Q900 -Q939        |    --- Q392 ---      |    A500 -A509
  M Q998              |                      |  M P000 -P009
    Q999              |    A500 -A509        |    P012 -P013
                       |  M P000 -P009        |    P041 -P049
    --- Q388 ---      |    P012 -P013        |    P350 -P359
                       |    P041 -P049        |    P370 -P374
    A500 -A509        |    P350 -P359        |    P378 -P379
  M P000 -P009        |    P370 -P374        |    Q395
    P012 -P013        |    P378 -P379        |    Q851 -Q868
    P041 -P049        |    Q392              |    Q874 -Q875
    P350 -P359        |    Q851 -Q868        |    Q893 -Q897
    P370 -P374        |    Q874 -Q875        |  M Q898
    P378 -P379        |    Q893 -Q897        |    Q900 -Q939
    Q388              |  M Q898              |  M Q998
    Q851 -Q868        |    Q900 -Q939        |    Q999
    Q874 -Q875        |  M Q998              |
    Q893 -Q897        |    Q999              |    --- Q396 ---
  M Q898              |                      |
    Q900 -Q939        |    --- Q393 ---      |    A500 -A501
  M Q998              |                      |  M P000 -P009
    Q999              |    A500 -A509        |    P012 -P013
                       |  M P000 -P009        |    P041 -P049
    --- Q390 ---      |    P012 -P013        |  M P293
                       |    P041 -P049        |    P350 -P359
    A500 -A509        |    P350 -P359        |    P370 -P374
  M P000 -P009        |    P370 -P374        |    P378 -P379
    P012 -P013        |    P378 -P379        |    Q396
    P041 -P049        |    Q393              |    Q851 -Q868
    P350 -P359        |    Q851 -Q868        |    Q874 -Q875
    P370 -P374        |    Q874 -Q875        |    Q893 -Q897
    P378 -P379        |    Q893 -Q897        |  M Q898
    Q390              |  M Q898              |    Q900 -Q939
    Q851 -Q868        |    Q900 -Q939        |  M Q998
    Q874 -Q875        |  M Q998              |    Q999
    Q893 -Q897        |    Q999              |
  M Q898              |                      |    --- Q398 ---
    Q900 -Q939        |    --- Q394 ---      |
  M Q998              |                      |    A500 -A509
    Q999              |    A500 -A509        |  M P000 -P009
                       |  M P000 -P009        |    P012 -P013
```

```
  --- Q398 ---       |    --- Q401 ---       |    --- Q408 ---
    CONTINUED        |      CONTINUED        |      CONTINUED
    P041 -P049       |      P370 -P374       |      Q408
    P350 -P359       |      P378 -P379       |      Q851 -Q868
    P370 -P374       |      Q401            |      Q874 -Q875
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q398            |      Q874 -Q875       |    M Q898
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |    M Q898            |    M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
  M Q898            |    M Q998            |
    Q900 -Q939       |      Q999            |    --- Q409 ---
  M Q998            |                       |
    Q999            |    --- Q402 ---       |      A500 -A509
                     |                       |    M P000 -P009
  --- Q399 ---       |      A500 -A509       |      P012 -P013
                     |    M P000 -P009       |      P041 -P049
    A500 -A509       |      P012 -P013       |      P350 -P359
  M P000 -P009       |      P041 -P049       |      P370 -P374
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q409
    P350 -P359       |      P378 -P379       |      Q851 -Q868
    P370 -P374       |      Q402            |      Q874 -Q875
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q399            |      Q874 -Q875       |    M Q898
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |    M Q898            |    M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
  M Q898            |    M Q998            |
    Q900 -Q939       |      Q999            |    --- Q410 ---
  M Q998            |                       |
    Q999            |    --- Q403 ---       |      A500 -A509
                     |                       |    M P000 -P009
  --- Q400 ---       |      A500 -A509       |      P012 -P013
                     |    M P000 -P009       |      P041 -P049
    A500 -A509       |      P012 -P013       |      P350 -P359
  M P000 -P009       |      P041 -P049       |      P370 -P374
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q410
    P350 -P359       |      P378 -P379       |      Q851 -Q868
    P370 -P374       |      Q403            |      Q874 -Q875
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q400            |      Q874 -Q875       |    M Q898
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |    M Q898            |    M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
  M Q898            |    M Q998            |
    Q900 -Q939       |      Q999            |    --- Q411 ---
  M Q998            |                       |
    Q999            |    --- Q408 ---       |      A500 -A509
                     |                       |    M P000 -P009
  --- Q401 ---       |      A500 -A509       |      P012 -P013
                     |    M P000 -P009       |      P041 -P049
    A500 -A509       |      P012 -P013       |      P350 -P359
  M P000 -P009       |      P041 -P049       |      P370 -P374
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q411
    P350 -P359       |      P378 -P379       |      Q851 -Q868
```

```
 --- Q411  ---     |     --- Q419  ---     |     --- Q422  ---
    CONTINUED      |        CONTINUED      |        CONTINUED
  Q874 -Q875       |   M Q898             |   M Q998
  Q893 -Q897       |     Q900 -Q939       |     Q999
M Q898             |   M Q998             |
  Q900 -Q939       |     Q999             |     --- Q423  ---
M Q998             |                      |
  Q999             |     --- Q420  ---     |     A500 -A509
                   |                      |   M P000 -P009
                   |                      |     P012 -P013
 --- Q412  ---     |     A500 -A509       |     P041 -P049
                   |   M P000 -P009       |     P350 -P359
  A500 -A509       |     P012 -P013       |     P370 -P374
M P000 -P009       |     P041 -P049       |     P378 -P379
  P012 -P013       |     P350 -P359       |     Q423
  P041 -P049       |     P370 -P374       |     Q851 -Q868
  P350 -P359       |     P378 -P379       |     Q874 -Q875
  P370 -P374       |     Q420             |     Q893 -Q897
  P378 -P379       |     Q851 -Q868       |   M Q898
  Q412             |     Q874 -Q875       |     Q900 -Q939
  Q851 -Q868       |     Q893 -Q897       |   M Q998
  Q874 -Q875       |   M Q898             |     Q999
  Q893 -Q897       |     Q900 -Q939       |
M Q898             |   M Q998             |     --- Q428  ---
  Q900 -Q939       |     Q999             |
M Q998             |                      |     A500 -A509
  Q999             |     --- Q421  ---     |   M P000 -P009
                   |                      |     P012 -P013
                   |     A500 -A509       |     P041 -P049
 --- Q418  ---     |   M P000 -P009       |     P350 -P359
                   |     P012 -P013       |     P370 -P374
  A500 -A509       |     P041 -P049       |     P378 -P379
M P000 -P009       |     P350 -P359       |     Q428
  P012 -P013       |     P370 -P374       |     Q851 -Q868
  P041 -P049       |     P378 -P379       |     Q874 -Q875
  P350 -P359       |     Q421             |     Q893 -Q897
  P370 -P374       |     Q851 -Q868       |   M Q898
  P378 -P379       |     Q874 -Q875       |     Q900 -Q939
  Q418             |     Q893 -Q897       |   M Q998
  Q851 -Q868       |   M Q898             |     Q999
  Q874 -Q875       |     Q900 -Q939       |
  Q893 -Q897       |   M Q998             |     --- Q429  ---
M Q898             |     Q999             |
  Q900 -Q939       |                      |     A500 -A509
M Q998             |     --- Q422  ---     |   M P000 -P009
  Q999             |                      |     P012 -P013
                   |     A500 -A509       |     P041 -P049
 --- Q419  ---     |   M P000 -P009       |     P350 -P359
                   |     P012 -P013       |     P370 -P374
  A500 -A509       |     P041 -P049       |     P378 -P379
M P000 -P009       |     P350 -P359       |     Q429
  P012 -P013       |     P370 -P374       |     Q851 -Q868
  P041 -P049       |     P378 -P379       |     Q874 -Q875
  P350 -P359       |     Q422             |     Q893 -Q897
  P370 -P374       |     Q851 -Q868       |   M Q898
  P378 -P379       |     Q874 -Q875       |     Q900 -Q939
  Q419             |     Q893 -Q897       |   M Q998
  Q851 -Q868       |   M Q898             |     Q999
  Q874 -Q875       |     Q900 -Q939       |
  Q893 -Q897       |                      |
```

```
    --- Q430  ---      |     --- Q433  ---      |     --- Q436   ---
                       |        CONTINUED       |        CONTINUED
      A500 -A509       |        P012 -P013      |        P350 -P359
   M  P000 -P009       |        P041 -P049      |        P370 -P374
      P012 -P013       |        P350 -P359      |        P378 -P379
      P041 -P049       |        P370 -P374      |        Q436
      P350 -P359       |        P378 -P379      |        Q851 -Q868
      P370 -P374       |        Q433            |        Q874 -Q875
      P378 -P379       |        Q851 -Q868      |        Q893 -Q897
      Q430             |        Q874 -Q875      |     M  Q898
      Q851 -Q868       |        Q893 -Q897      |        Q900 -Q939
      Q874 -Q875       |     M  Q898            |     M  Q998
      Q893 -Q897       |        Q900 -Q939      |        Q999
   M  Q898             |     M  Q998            |
      Q900 -Q939       |        Q999            |     --- Q437   ---
   M  Q998             |                        |
      Q999             |     --- Q434  ---      |        A500 -A509
                       |                        |     M  P000 -P009
    --- Q431   ---     |        A500 -A509      |        P012 -P013
                       |     M  P000 -P009      |        P041 -P049
      A500 -A509       |        P012 -P013      |        P350 -P359
   M  P000 -P009       |        P041 -P049      |        P370 -P374
      P012 -P013       |        P350 -P359      |        P378 -P379
      P041 -P049       |        P370 -P374      |        Q437
      P350 -P359       |        P378 -P379      |        Q851 -Q868
      P370 -P374       |        Q434            |        Q874 -Q875
      P378 -P379       |        Q851 -Q868      |        Q893 -Q897
      Q431             |        Q874 -Q875      |     M  Q898
      Q851 -Q868       |        Q893 -Q897      |        Q900 -Q939
      Q874 -Q875       |     M  Q898            |     M  Q998
      Q893 -Q897       |        Q900 -Q939      |        Q999
   M  Q898             |     M  Q998            |
      Q900 -Q939       |        Q999            |     --- Q438   ---
   M  Q998             |                        |
      Q999             |     --- Q435   ---     |        A500 -A509
                       |                        |     M  P000 -P009
    --- Q432   ---     |        A500 -A509      |        P012 -P013
                       |     M  P000 -P009      |        P041 -P049
      A500 -A509       |        P012 -P013      |        P350 -P359
   M  P000 -P009       |        P041 -P049      |        P370 -P374
      P012 -P013       |        P350 -P359      |        P378 -P379
      P041 -P049       |        P370 -P374      |        Q438
      P350 -P359       |        P378 -P379      |        Q851 -Q868
      P370 -P374       |        Q435            |        Q874 -Q875
      P378 -P379       |        Q851 -Q868      |        Q893 -Q897
      Q432             |        Q874 -Q875      |     M  Q898
      Q851 -Q868       |        Q893 -Q897      |        Q900 -Q939
      Q874 -Q875       |     M  Q898            |     M  Q998
      Q893 -Q897       |        Q900 -Q939      |        Q999
   M  Q898             |     M  Q998            |
      Q900 -Q939       |        Q999            |     --- Q439   ---
   M  Q998             |                        |
      Q999             |     --- Q436  ---      |        A500 -A509
                       |                        |     M  P000 -P009
    --- Q433   ---     |        A500 -A509      |        P012 -P013
                       |     M  P000 -P009      |        P041 -P049
      A500 -A509       |        P012 -P013      |        P350 -P359
   M  P000 -P009       |        P041 -P049      |        P370 -P374
```

```
  --- Q439  ---      |    --- Q442  ---      |    --- Q445   ---
     CONTINUED       |       CONTINUED       |       CONTINUED
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q439             |      Q874 -Q875       |    M Q898
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |    M Q898             |    M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
  M Q898             |    M Q998             |
    Q900 -Q939       |      Q999             |    --- Q446   ---
  M Q998             |                       |
    Q999             |    --- Q443  ---      |      A500 -A509
                     |                       |    M P000 -P009
  --- Q440  ---      |      A500 -A509       |      P012 -P013
                     |    M P000 -P009       |      P041 -P049
    A500 -A509       |      P012 -P013       |      P350 -P359
  M P000 -P009       |      P041 -P049       |      P370 -P374
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q446
    P350 -P359       |      P378 -P379       |      Q851 -Q868
    P370 -P374       |      Q443             |      Q874 -Q875
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q440             |      Q874 -Q875       |    M Q898
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |    M Q898             |    M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
  M Q898             |    M Q998             |
    Q900 -Q939       |      Q999             |    --- Q447   ---
  M Q998             |                       |
    Q999             |    --- Q444  ---      |      A500 -A509
                     |                       |    M P000 -P009
  --- Q441  ---      |      A500 -A509       |      P012 -P013
                     |    M P000 -P009       |      P041 -P049
    A500 -A509       |      P012 -P013       |      P350 -P359
  M P000 -P009       |      P041 -P049       |      P370 -P374
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q447
    P350 -P359       |      P378 -P379       |      Q851 -Q868
    P370 -P374       |      Q444             |      Q874 -Q875
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q441             |      Q874 -Q875       |    M Q898
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |    M Q898             |    M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
  M Q898             |    M Q998             |
    Q900 -Q939       |      Q999             |    --- Q450   ---
  M Q998             |                       |
    Q999             |    --- Q445  ---      |      A500 -A509
                     |                       |    M P000 -P009
  --- Q442  ---      |      A500 -A509       |      P012 -P013
                     |    M P000 -P009       |      P041 -P049
    A500 -A509       |      P012 -P013       |      P350 -P359
  M P000 -P009       |      P041 -P049       |      P370 -P374
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q450
    P350 -P359       |      P378 -P379       |      Q851 -Q868
    P370 -P374       |      Q445             |      Q874 -Q875
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q442             |      Q874 -Q875       |    M Q898
```

--- Q450 ---	--- Q453 ---	--- Q501 ---
CONTINUED	CONTINUED	
Q900 -Q939	Q999	A500 -A509
M Q998		M P000 -P009
Q999	--- Q458 ---	P012 -P013
		P041 -P049
--- Q451 ---	A500 -A509	P350 -P359
	M P000 -P009	P370 -P374
A500 -A509	P012 -P013	P378 -P379
M P000 -P009	P041 -P049	Q501
P012 -P013	P350 -P359	Q851 -Q868
P041 -P049	P370 -P374	Q874 -Q875
P350 -P359	P378 -P379	Q893 -Q897
P370 -P374	Q458	M Q898
P378 -P379	Q851 -Q868	Q900 -Q939
Q451	Q874 -Q875	M Q998
Q851 -Q868	Q893 -Q897	Q999
Q874 -Q875	M Q898	
Q893 -Q897	Q900 -Q939	--- Q502 ---
M Q898	M Q998	
Q900 -Q939	Q999	A500 -A509
M Q998		M P000 -P009
Q999	--- Q459 ---	P012 -P013
		P041 -P049
--- Q452 ---	A500 -A509	P350 -P359
	M P000 -P009	P370 -P374
A500 -A509	P012 -P013	P378 -P379
M P000 -P009	P041 -P049	Q502
P012 -P013	P350 -P359	Q851 -Q868
P041 -P049	P370 -P374	Q874 -Q875
P350 -P359	P378 -P379	Q893 -Q897
P370 -P374	Q459	M Q898
P378 -P379	Q851 -Q868	Q900 -Q939
Q452	Q874 -Q875	M Q998
Q851 -Q868	Q893 -Q897	Q999
Q874 -Q875	M Q898	
Q893 -Q897	Q900 -Q939	--- Q503 ---
M Q898	M Q998	
Q900 -Q939	Q999	A500 -A509
M Q998		M P000 -P009
Q999	--- Q500 ---	P012 -P013
		P041 -P049
--- Q453 ---	A500 -A509	P350 -P359
	M P000 -P009	P370 -P374
A500 -A509	P012 -P013	P378 -P379
M P000 -P009	P041 -P049	Q503
P012 -P013	P350 -P359	Q851 -Q868
P041 -P049	P370 -P374	Q874 -Q875
P350 -P359	P378 -P379	Q893 -Q897
P370 -P374	Q500	M Q898
P378 -P379	Q851 -Q868	Q900 -Q939
Q453	Q874 -Q875	M Q998
Q851 -Q868	Q893 -Q897	Q999
Q874 -Q875	M Q898	
Q893 -Q897	Q900 -Q939	--- Q504 ---
M Q898	M Q998	
Q900 -Q939	Q999	A500 -A509
M Q998		M P000 -P009

```
  --- Q504  ---        |    --- Q510  ---        |    --- Q513  ---
     CONTINUED         |       CONTINUED         |       CONTINUED
     P012 -P013        |       P350 -P359        |       P378 -P379
     P041 -P049        |       P370 -P374        |       Q513
     P350 -P359        |       P378 -P379        |       Q851 -Q868
     P370 -P374        |       Q510              |       Q874 -Q875
     P378 -P379        |       Q851 -Q868        |       Q893 -Q897
     Q504              |       Q874 -Q875        |   M   Q898
     Q851 -Q868        |       Q893 -Q897        |       Q900 -Q939
     Q874 -Q875        |   M   Q898              |   M   Q998
     Q893 -Q897        |       Q900 -Q939        |       Q999
 M   Q898              |   M   Q998              |
     Q900 -Q939        |       Q999              |
 M   Q998              |                         |    --- Q514  ---
     Q999              |                         |
                       |    --- Q511  ---        |       A500 -A509
                       |                         |   M   P000 -P009
  --- Q505  ---        |       A500 -A509        |       P012 -P013
                       |   M   P000 -P009        |       P041 -P049
     A500 -A509        |       P012 -P013        |       P350 -P359
 M   P000 -P009        |       P041 -P049        |       P370 -P374
     P012 -P013        |       P350 -P359        |       P378 -P379
     P041 -P049        |       P370 -P374        |       Q514
     P350 -P359        |       P378 -P379        |       Q851 -Q868
     P370 -P374        |       Q511              |       Q874 -Q875
     P378 -P379        |       Q851 -Q868        |       Q893 -Q897
     Q505              |       Q874 -Q875        |   M   Q898
     Q851 -Q868        |       Q893 -Q897        |       Q900 -Q939
     Q874 -Q875        |   M   Q898              |   M   Q998
     Q893 -Q897        |       Q900 -Q939        |       Q999
 M   Q898              |   M   Q998              |
     Q900 -Q939        |       Q999              |
 M   Q998              |                         |    --- Q515  ---
     Q999              |    --- Q512  ---        |
                       |                         |       A500 -A509
  --- Q506  ---        |       A500 -A509        |   M   P000 -P009
                       |   M   P000 -P009        |       P012 -P013
     A500 -A509        |       P012 -P013        |       P041 -P049
 M   P000 -P009        |       P041 -P049        |       P350 -P359
     P012 -P013        |       P350 -P359        |       P370 -P374
     P041 -P049        |       P370 -P374        |       P378 -P379
     P350 -P359        |       P378 -P379        |       Q515
     P370 -P374        |       Q512              |       Q851 -Q868
     P378 -P379        |       Q851 -Q868        |       Q874 -Q875
     Q506              |       Q874 -Q875        |       Q893 -Q897
     Q851 -Q868        |       Q893 -Q897        |   M   Q898
     Q874 -Q875        |   M   Q898              |       Q900 -Q939
     Q893 -Q897        |       Q900 -Q939        |   M   Q998
 M   Q898              |   M   Q998              |       Q999
     Q900 -Q939        |       Q999              |
 M   Q998              |                         |    --- Q516  ---
     Q999              |    --- Q513  ---        |
                       |                         |       A500 -A509
  --- Q510  ---        |       A500 -A509        |   M   P000 -P009
                       |   M   P000 -P009        |       P012 -P013
     A500 -A509        |       P012 -P013        |       P041 -P049
 M   P000 -P009        |       P041 -P049        |       P350 -P359
     P012 -P013        |       P350 -P359        |       P370 -P374
     P041 -P049        |       P370 -P374        |       P378 -P379
                       |                         |       Q516
```

```
  --- Q516  ---    |    --- Q519  ---    |    --- Q522  ---
     CONTINUED     |       CONTINUED     |       CONTINUED
     Q851 -Q868    |       Q893 -Q897    |       Q900 -Q939
     Q874 -Q875    |     M Q898          |     M Q998
     Q893 -Q897    |       Q900 -Q939    |       Q999
   M Q898          |     M Q998          |
     Q900 -Q939    |       Q999          |    --- Q523  ---
   M Q998          |                     |
     Q999          |    --- Q520  ---    |       A500 -A509
                   |                     |     M P000 -P009
  --- Q517  ---    |       A500 -A509    |       P012 -P013
                   |     M P000 -P009    |       P041 -P049
     A500 -A509    |       P012 -P013    |       P350 -P359
   M P000 -P009    |       P041 -P049    |       P370 -P374
     P012 -P013    |       P350 -P359    |       P378 -P379
     P041 -P049    |       P370 -P374    |       Q523
     P350 -P359    |       P378 -P379    |       Q851 -Q868
     P370 -P374    |       Q520          |       Q874 -Q875
     P378 -P379    |       Q851 -Q868    |       Q893 -Q897
     Q517          |       Q874 -Q875    |     M Q898
     Q851 -Q868    |       Q893 -Q897    |       Q900 -Q939
     Q874 -Q875    |     M Q898          |     M Q998
     Q893 -Q897    |       Q900 -Q939    |       Q999
   M Q898          |     M Q998          |
     Q900 -Q939    |       Q999          |    --- Q524  ---
   M Q998          |                     |
     Q999          |    --- Q521  ---    |       A500 -A509
                   |                     |     M P000 -P009
  --- Q518  ---    |       A500 -A509    |       P012 -P013
                   |     M P000 -P009    |       P041 -P049
     A500 -A509    |       P012 -P013    |       P350 -P359
   M P000 -P009    |       P041 -P049    |       P370 -P374
     P012 -P013    |       P350 -P359    |       P378 -P379
     P041 -P049    |       P370 -P374    |       Q524
     P350 -P359    |       P378 -P379    |       Q850 -Q868
     P370 -P374    |       Q521          |       Q874 -Q875
     P378 -P379    |       Q851 -Q868    |       Q893 -Q897
     Q518          |       Q874 -Q875    |     M Q898
     Q851 -Q868    |       Q893 -Q897    |       Q900 -Q939
     Q874 -Q875    |     M Q898          |     M Q998
     Q893 -Q897    |       Q900 -Q939    |       Q999
   M Q898          |     M Q998          |
     Q900 -Q939    |       Q999          |    --- Q525  ---
   M Q998          |                     |
     Q999          |    --- Q522  ---    |       A500 -A509
                   |                     |     M P000 -P009
  --- Q519  ---    |       A500 -A509    |       P012 -P013
                   |     M P000 -P009    |       P041 -P049
     A500 -A509    |       P012 -P013    |       P350 -P359
   M P000 -P009    |       P041 -P049    |       P370 -P374
     P012 -P013    |       P350 -P359    |       P378 -P379
     P041 -P049    |       P370 -P374    |       Q525
     P350 -P359    |       P378 -P379    |       Q851 -Q868
     P370 -P374    |       Q522          |       Q874 -Q875
     P378 -P379    |       Q851 -Q868    |       Q893 -Q897
     Q519          |       Q874 -Q875    |     M Q898
     Q851 -Q868    |       Q893 -Q897    |       Q900 -Q939
     Q874 -Q875    |     M Q898          |     M Q998
```

```
                           TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

    --- Q525  ---     |     --- Q529  ---     |     --- Q532  ---
      CONTINUED       |                       |       CONTINUED
      Q999            |     A500 -A509        |     P012 -P013
                      |   M P000 -P009        |     P041 -P049
    --- Q526  ---     |     P012 -P013        |     P350 -P359
                      |     P041 -P049        |     P370 -P374
      A500 -A509      |     P350 -P359        |     P378 -P379
    M P000 -P009      |     P370 -P374        |     Q532
      P012 -P013      |     P378 -P379        |     Q851 -Q868
      P041 -P049      |     Q529              |     Q874 -Q875
      P350 -P359      |     Q851 -Q868        |     Q893 -Q897
      P370 -P374      |     Q874 -Q875        |   M Q898
      P378 -P379      |     Q893 -Q897        |     Q900 -Q939
      Q526            |   M Q898              |   M Q998
      Q851 -Q868      |     Q900 -Q939        |     Q999
      Q874 -Q875      |   M Q998              |
      Q893 -Q897      |     Q999              |     --- Q539  ---
    M Q898            |                       |
      Q900 -Q939      |     --- Q530  ---     |     A500 -A509
    M Q998            |                       |   M P000 -P009
      Q999            |     A500 -A509        |     P012 -P013
                      |   M P000 -P009        |     P041 -P049
    --- Q527  ---     |     P012 -P013        |     P350 -P359
                      |     P041 -P049        |     P370 -P374
      A500 -A509      |     P350 -P359        |     P378 -P379
    M P000 -P009      |     P370 -P374        |     Q539
      P012 -P013      |     P378 -P379        |     Q851 -Q868
      P041 -P049      |     Q530              |     Q874 -Q875
      P350 -P359      |     Q851 -Q868        |     Q893 -Q897
      P370 -P374      |     Q874 -Q875        |   M Q898
      P378 -P379      |     Q893 -Q897        |     Q900 -Q939
      Q527            |   M Q898              |   M Q998
      Q851 -Q868      |     Q900 -Q939        |     Q999
      Q874 -Q875      |   M Q998              |
      Q893 -Q897      |     Q999              |     --- Q540  ---
    M Q898            |                       |
      Q900 -Q939      |     --- Q531  ---     |     A500 -A509
    M Q998            |                       |   M P000 -P009
      Q999            |     A500 -A509        |     P012 -P013
                      |   M P000 -P009        |     P041 -P049
    --- Q528  ---     |     P012 -P013        |     P350 -P359
                      |     P041 -P049        |     P370 -P374
      A500 -A509      |     P350 -P359        |     P378 -P379
    M P000 -P009      |     P370 -P374        |     Q540
      P012 -P013      |     P378 -P379        |     Q851 -Q868
      P041 -P049      |     Q531              |     Q874 -Q875
      P350 -P359      |     Q851 -Q868        |     Q893 -Q897
      P370 -P374      |     Q874 -Q875        |   M Q898
      P378 -P379      |     Q893 -Q897        |     Q900 -Q939
      Q528            |   M Q898              |   M Q998
      Q851 -Q868      |     Q900 -Q939        |     Q999
      Q874 -Q875      |   M Q998              |
      Q893 -Q897      |     Q999              |     --- Q541  ---
    M Q898            |                       |
      Q900 -Q939      |     --- Q532  ---     |     A500 -A509
    M Q998            |                       |   M P000 -P009
      Q999            |     A500 -A509        |     P012 -P013
                      |   M P000 -P009        |     P041 -P049
```

```
 --- Q541  ---      |   --- Q544  ---      |   --- Q550  ---
   CONTINUED        |     CONTINUED        |     CONTINUED
   P350 -P359       |     P378 -P379       |     Q851 -Q868
   P370 -P374       |     Q544             |     Q874 -Q875
   P378 -P379       |     Q851 -Q868       |     Q893 -Q897
   Q541             |     Q874 -Q875       |   M Q898
   Q851 -Q868       |     Q893 -Q897       |     Q900 -Q939
   Q874 -Q875       |   M Q898             |   M Q998
   Q893 -Q897       |     Q900 -Q939       |     Q999
 M Q898             |   M Q998             |
   Q900 -Q939       |     Q999             |   --- Q551  ---
 M Q998             |                      |
   Q999             |   --- Q548  ---      |     A500 -A509
                    |                      |   M P000 -P009
 --- Q542  ---      |     A500 -A509       |     P012 -P013
                    |   M P000 -P009       |     P041 -P049
   A500 -A509       |     P012 -P013       |     P350 -P359
 M P000 -P009       |     P041 -P049       |     P370 -P374
   P012 -P013       |     P350 -P359       |     P378 -P379
   P041 -P049       |     P370 -P374       |     Q551
   P350 -P359       |     P378 -P379       |     Q851 -Q868
   P370 -P374       |     Q548             |     Q874 -Q875
   P378 -P379       |     Q851 -Q868       |     Q893 -Q897
   Q542             |     Q874 -Q875       |   M Q898
   Q851 -Q868       |     Q893 -Q897       |     Q900 -Q939
   Q874 -Q875       |   M Q898             |   M Q998
   Q893 -Q897       |     Q900 -Q939       |     Q999
 M Q898             |   M Q998             |
   Q900 -Q939       |     Q999             |   --- Q552  ---
 M Q998             |                      |
   Q999             |   --- Q549  ---      |     A500 -A509
                    |                      |   M P000 -P009
 --- Q543  ---      |     A500 -A509       |     P012 -P013
                    |   M P000 -P009       |     P041 -P049
   A500 -A509       |     P012 -P013       |     P350 -P359
 M P000 -P009       |     P041 -P049       |     P370 -P374
   P012 -P013       |     P350 -P359       |     P378 -P379
   P041 -P049       |     P370 -P374       |     Q552
   P350 -P359       |     P378 -P379       |     Q851 -Q868
   P370 -P374       |     Q549             |     Q874 -Q875
   P378 -P379       |     Q851 -Q868       |     Q893 -Q897
   Q543             |     Q874 -Q875       |   M Q898
   Q851 -Q868       |     Q893 -Q897       |     Q900 -Q939
   Q874 -Q875       |   M Q898             |   M Q998
   Q893 -Q897       |     Q900 -Q939       |     Q999
 M Q898             |   M Q998             |
   Q900 -Q939       |     Q999             |   --- Q553  ---
 M Q998             |                      |
   Q999             |   --- Q550  ---      |     A500 -A509
                    |                      |   M P000 -P009
 --- Q544  ---      |     A500 -A509       |     P012 -P013
                    |   M P000 -P009       |     P041 -P049
   A500 -A509       |     P012 -P013       |     P350 -P359
 M P000 -P009       |     P041 -P049       |     P370 -P374
   P012 -P013       |     P350 -P359       |     P378 -P379
   P041 -P049       |     P370 -P374       |     Q553
   P350 -P359       |     P378 -P379       |     Q851 -Q868
   P370 -P374       |     Q550             |     Q874 -Q875
```

```
  --- Q553  ---     |    --- Q556  ---     |    --- Q560   ---
    CONTINUED       |      CONTINUED       |      CONTINUED
    Q893 -Q897      |      Q900 -Q939      |      Q999
M Q898              |  M Q998              |
    Q900 -Q939      |      Q999            |    --- Q561   ---
M Q998              |                      |
    Q999            |    --- Q558  ---     |      A500 -A509
                    |                      |  M P000 -P009
  --- Q554  ---     |      A500 -A509      |      P012 -P013
                    |  M P000 -P009        |      P041 -P049
    A500 -A509      |      P012 -P013      |      P350 -P359
M P000 -P009        |      P041 -P049      |      P370 -P374
    P012 -P013      |      P350 -P359      |      P378 -P379
    P041 -P049      |      P370 -P374      |      Q561
    P350 -P359      |      P378 -P379      |      Q851 -Q868
    P370 -P374      |      Q558            |      Q874 -Q875
    P378 -P379      |      Q851 -Q868      |      Q893 -Q897
    Q554            |      Q874 -Q875      |  M Q898
    Q851 -Q868      |      Q893 -Q897      |      Q900 -Q939
    Q874 -Q875      |  M Q898              |  M Q998
    Q893 -Q897      |      Q900 -Q939      |      Q999
M Q898              |  M Q998              |
    Q900 -Q939      |      Q999            |    --- Q562   ---
M Q998              |                      |
    Q999            |    --- Q559  ---     |      A500 -A509
                    |                      |  M P000 -P009
  --- Q555  ---     |      A500 -A509      |      P012 -P013
                    |  M P000 -P009        |      P041 -P049
    A500 -A509      |      P012 -P013      |      P350 -P359
M P000 -P009        |      P041 -P049      |      P370 -P374
    P012 -P013      |      P350 -P359      |      P378 -P379
    P041 -P049      |      P370 -P374      |      Q562
    P350 -P359      |      P378 -P379      |      Q851 -Q868
    P370 -P374      |      Q559            |      Q874 -Q875
    P378 -P379      |      Q851 -Q868      |      Q893 -Q897
    Q555            |      Q874 -Q875      |  M Q898
    Q851 -Q868      |      Q893 -Q897      |      Q900 -Q939
    Q874 -Q875      |  M Q898              |  M Q998
    Q893 -Q897      |      Q900 -Q939      |      Q999
M Q898              |  M Q998              |
    Q900 -Q939      |      Q999            |    --- Q563   ---
M Q998              |                      |
    Q999            |    --- Q560  ---     |      A500 -A509
                    |                      |  M P000 -P009
  --- Q556  ---     |      A500 -A509      |      P012 -P013
                    |  M P000 -P009        |      P041 -P049
    A500 -A509      |      P012 -P013      |      P350 -P359
M P000 -P009        |      P041 -P049      |      P370 -P374
    P012 -P013      |      P350 -P359      |      P378 -P379
    P041 -P049      |      P370 -P374      |      Q563
    P350 -P359      |      P378 -P379      |      Q851 -Q868
    P370 -P374      |      Q560            |      Q874 -Q875
    P378 -P379      |      Q851 -Q868      |      Q893 -Q897
    Q556            |      Q874 -Q875      |  M Q898
    Q851 -Q868      |      Q893 -Q897      |      Q900 -Q939
    Q874 -Q875      |  M Q898              |  M Q998
    Q893 -Q897      |      Q900 -Q939      |      Q999
M Q898              |  M Q998              |
```

```
  --- Q564  ---      |    --- Q602  ---      |    --- Q605  ---

    A500 -A509       |      A500 -A509       |      A500 -A509
M P000 -P009         |  M P000 -P009         |  M P000 -P009
  P012 -P013         |    P012 -P013         |    P012 -P013
  P041 -P049         |    P041 -P049         |    P041 -P049
  P350 -P359         |    P350 -P359         |    P350 -P359
  P370 -P374         |    P370 -P374         |    P370 -P374
  P378 -P379         |    P378 -P379         |    P378 -P379
  Q564               |    Q602               |    Q605
  Q851 -Q868         |    Q851 -Q868         |    Q851 -Q868
  Q874 -Q875         |    Q872               |    Q872
  Q893 -Q897         |    Q874 -Q875         |    Q874 -Q875
M Q898               |    Q893 -Q897         |    Q893 -Q897
  Q900 -Q939         |  M Q898               |  M Q898
M Q998               |    Q900 -Q939         |    Q900 -Q939
  Q999               |  M Q998               |  M Q998
                     |    Q999               |    Q999
  --- Q600  ---      |                       |
                     |    --- Q603  ---      |    --- Q606  ---
    A500 -A509       |                       |
M P000 -P009         |      A500 -A509       |      A500 -A509
  P012 -P013         |  M P000 -P009         |  M P000 -P009
  P041 -P049         |    P012 -P013         |    P012 -P013
  P350 -P359         |    P041 -P049         |    P041 -P049
  P370 -P374         |    P350 -P359         |    P350 -P359
  P378 -P379         |    P370 -P374         |    P370 -P374
  Q600               |    P378 -P379         |    P378 -P379
  Q851 -Q868         |    Q603               |    Q606
  Q872               |    Q851 -Q868         |    Q851 -Q868
  Q874 -Q875         |    Q872               |    Q872
  Q893 -Q897         |    Q874 -Q875         |    Q874 -Q875
M Q898               |    Q893 -Q897         |    Q893 -Q897
  Q900 -Q939         |  M Q898               |  M Q898
M Q998               |    Q900 -Q939         |    Q900 -Q939
  Q999               |  M Q998               |  M Q998
                     |    Q999               |    Q999
  --- Q601  ---      |                       |
                     |    --- Q604  ---      |    --- Q610  ---
    A500 -A509       |                       |
M P000 -P009         |      A500 -A509       |      A500 -A509
  P012 -P013         |  M P000 -P009         |  M P000 -P009
  P041 -P049         |    P012 -P013         |    P012 -P013
  P350 -P359         |    P041 -P049         |    P041 -P049
  P370 -P374         |    P350 -P359         |    P350 -P359
  P378 -P379         |    P370 -P374         |    P370 -P374
  Q601               |    P378 -P379         |    P378 -P379
  Q851 -Q868         |    Q604               |    Q610
  Q872               |    Q851 -Q868         |    Q851 -Q868
  Q874 -Q875         |    Q872               |    Q874 -Q875
  Q893 -Q897         |    Q874 -Q875         |    Q893 -Q897
M Q898               |    Q893 -Q897         |  M Q898
  Q900 -Q939         |  M Q898               |    Q900 -Q939
M Q998               |    Q900 -Q939         |  M Q998
  Q999               |  M Q998               |    Q999
                     |    Q999               |
                     |                       |
          |                       |
        D-369   (10-04)
```

```
  --- Q611  ---        |    --- Q614  ---      |    --- Q619   ---
                       |      CONTINUED        |      CONTINUED
    A500 -A509         |      P012 -P013       |      P350 -P359
M   P000 -P009         |      P041 -P049       |      P370 -P374
    P012 -P013         |      P350 -P359       |      P378 -P379
    P041 -P049         |      P370 -P374       |      Q619
    P350 -P359         |      P378 -P379       |      Q851 -Q868
    P370 -P374         |      Q614            |      Q874 -Q875
    P378 -P379         |      Q851 -Q868       |      Q893 -Q897
    Q611               |      Q874 -Q875       |  M   Q898
    Q851 -Q868         |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875         |  M   Q898             |  M   Q998
    Q893 -Q897         |      Q900 -Q939       |      Q999
M   Q898               |  M   Q998             |
    Q900 -Q939         |      Q999             |    --- Q620   ---
M   Q998               |                       |
    Q999               |    --- Q615  ---      |      A500 -A509
                       |                       |  M   P000 -P009
  --- Q612  ---        |      A500 -A509       |      P012 -P013
                       |  M   P000 -P009       |      P041 -P049
    A500 -A509         |      P012 -P013       |      P350 -P359
M   P000 -P009         |      P041 -P049       |      P370 -P374
    P012 -P013         |      P350 -P359       |      P378 -P379
    P041 -P049         |      P370 -P374       |      Q620
    P350 -P359         |      P378 -P379       |      Q851 -Q868
    P370 -P374         |      Q615            |      Q874 -Q875
    P378 -P379         |      Q851 -Q868       |      Q893 -Q897
    Q612               |      Q874 -Q875       |  M   Q898
    Q851 -Q868         |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875         |  M   Q898             |  M   Q998
    Q893 -Q897         |      Q900 -Q939       |      Q999
M   Q898               |  M   Q998             |
    Q900 -Q939         |      Q999             |    --- Q621   ---
M   Q998               |                       |
    Q999               |    --- Q618  ---      |      A500 -A509
                       |                       |  M   P000 -P009
  --- Q613  ---        |      A500 -A509       |      P012 -P013
                       |  M   P000 -P009       |      P041 -P049
    A500 -A509         |      P012 -P013       |      P350 -P359
M   P000 -P009         |      P041 -P049       |      P370 -P374
    P012 -P013         |      P350 -P359       |      P378 -P379
    P041 -P049         |      P370 -P374       |      Q621
    P350 -P359         |      P378 -P379       |      Q851 -Q868
    P370 -P374         |      Q618            |      Q874 -Q875
    P378 -P379         |      Q851 -Q868       |      Q893 -Q897
    Q613               |      Q874 -Q875       |  M   Q898
    Q851 -Q868         |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875         |  M   Q898             |  M   Q998
    Q893 -Q897         |      Q900 -Q939       |      Q999
M   Q898               |  M   Q998             |
    Q900 -Q939         |      Q999             |    --- Q622   ---
M   Q998               |                       |
    Q999               |    --- Q619  ---      |      A500 -A509
                       |                       |  M   P000 -P009
  --- Q614  ---        |      A500 -A509       |      P012 -P013
                       |  M   P000 -P009       |      P041 -P049
    A500 -A509         |      P012 -P013       |      P350 -P359
M   P000 -P009         |      P041 -P049       |      P370 -P374
```

```
  --- Q622  ---      |    --- Q625  ---      |    --- Q628   ---
    CONTINUED        |      CONTINUED        |      CONTINUED
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q622             |      Q874 -Q875       |    M Q898
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |    M Q898             |    M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
  M Q898             |    M Q998             |
    Q900 -Q939       |      Q999             |    --- Q630   ---
  M Q998             |                       |
    Q999             |    --- Q626   ---     |      A500 -A509
                     |                       |    M P000 -P009
  --- Q623   ---     |      A500 -A509       |      P012 -P013
                     |    M P000 -P009       |      P041 -P049
    A500 -A509       |      P012 -P013       |      P350 -P359
  M P000 -P009       |      P041 -P049       |      P370 -P374
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q630
    P350 -P359       |      P378 -P379       |      Q851 -Q868
    P370 -P374       |      Q626             |      Q874 -Q875
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q623             |      Q874 -Q875       |    M Q898
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |    M Q898             |    M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
  M Q898             |    M Q998             |
    Q900 -Q939       |      Q999             |    --- Q631   ---
  M Q998             |                       |
    Q999             |    --- Q627   ---     |      A500 -A509
                     |                       |    M P000 -P009
  --- Q624   ---     |      A500 -A509       |      P012 -P013
                     |    M P000 -P009       |      P041 -P049
    A500 -A509       |      P012 -P013       |      P350 -P359
  M P000 -P009       |      P041 -P049       |      P370 -P374
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q631
    P350 -P359       |      P378 -P379       |      Q851 -Q868
    P370 -P374       |      Q627             |      Q874 -Q875
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q624             |      Q874 -Q875       |    M Q898
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |    M Q898             |    M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
  M Q898             |    M Q998             |
    Q900 -Q939       |      Q999             |    --- Q632   ---
  M Q998             |                       |
    Q999             |    --- Q628   ---     |      A500 -A509
                     |                       |    M P000 -P009
  --- Q625   ---     |      A500 -A509       |      P012 -P013
                     |    M P000 -P009       |      P041 -P049
    A500 -A509       |      P012 -P013       |      P350 -P359
  M P000 -P009       |      P041 -P049       |      P370 -P374
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q632
    P350 -P359       |      P378 -P379       |      Q851 -Q868
    P370 -P374       |      Q628             |      Q874 -Q875
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q625             |      Q874 -Q875       |    M Q898
```

```
    --- Q632 ---    |    --- Q639 ---    |    --- Q643  ---
      CONTINUED     |      CONTINUED     |
      Q900 -Q939    |      Q999          |      A500 -A509
  M Q998            |                    |  M P000 -P009
      Q999          |    --- Q640  ---   |      P012 -P013
                    |                    |      P041 -P049
    --- Q633  ---   |      A500 -A509    |      P350 -P359
                    |  M P000 -P009      |      P370 -P374
      A500 -A509    |      P012 -P013    |      P378 -P379
  M P000 -P009      |      P041 -P049    |      Q643
      P012 -P013    |      P350 -P359    |      Q851 -Q868
      P041 -P049    |      P370 -P374    |      Q874 -Q875
      P350 -P359    |      P378 -P379    |      Q893 -Q897
      P370 -P374    |      Q640          |  M Q898
      P378 -P379    |      Q851 -Q868    |      Q900 -Q939
      Q633          |      Q874 -Q875    |  M Q998
      Q851 -Q868    |      Q893 -Q897    |      Q999
      Q874 -Q875    |  M Q898            |
      Q893 -Q897    |      Q900 -Q939    |    --- Q644  ---
  M Q898            |  M Q998            |
      Q900 -Q939    |      Q999          |      A500 -A509
  M Q998            |                    |  M P000 -P009
      Q999          |    --- Q641  ---   |      P012 -P013
                    |                    |      P041 -P049
    --- Q638  ---   |      A500 -A509    |      P350 -P359
                    |  M P000 -P009      |      P370 -P374
      A500 -A509    |      P012 -P013    |      P378 -P379
  M P000 -P009      |      P041 -P049    |      Q644
      P012 -P013    |      P350 -P359    |      Q851 -Q868
      P041 -P049    |      P370 -P374    |      Q874 -Q875
      P350 -P359    |      P378 -P379    |      Q893 -Q897
      P370 -P374    |      Q641          |  M Q898
      P378 -P379    |      Q851 -Q868    |      Q900 -Q939
      Q638          |      Q874 -Q875    |  M Q998
      Q851 -Q868    |      Q893 -Q897    |      Q999
      Q874 -Q875    |  M Q898            |
      Q893 -Q897    |      Q900 -Q939    |    --- Q645  ---
  M Q898            |  M Q998            |
      Q900 -Q939    |      Q999          |      A500 -A509
  M Q998            |                    |  M P000 -P009
      Q999          |    --- Q642  ---   |      P012 -P013
                    |                    |      P041 -P049
    --- Q639  ---   |      A500 -A509    |      P350 -P359
                    |  M P000 -P009      |      P370 -P374
      A500 -A509    |      P012 -P013    |      P378 -P379
  M P000 -P009      |      P041 -P049    |      Q645
      P012 -P013    |      P350 -P359    |      Q851 -Q868
      P041 -P049    |      P370 -P374    |      Q874 -Q875
      P350 -P359    |      P378 -P379    |      Q893 -Q897
      P370 -P374    |      Q642          |  M Q898
      P378 -P379    |      Q851 -Q868    |      Q900 -Q939
      Q639          |      Q874 -Q875    |  M Q998
      Q851 -Q868    |      Q893 -Q897    |      Q999
      Q874 -Q875    |  M Q898            |
      Q893 -Q897    |      Q900 -Q939    |    --- Q646  ---
  M Q898            |  M Q998            |
      Q900 -Q939    |      Q999          |      A500 -A509
  M Q998            |                    |  M P000 -P009
```

```
 --- Q646  ---      |    --- Q649  ---      |    --- Q652  ---
    CONTINUED       |       CONTINUED       |       CONTINUED
    P012 -P013      |       P350 -P359      |       P378 -P379
    P041 -P049      |       P370 -P374      |       Q652
    P350 -P359      |       P378 -P379      |       Q851 -Q868
    P370 -P374      |       Q649            |       Q874 -Q875
    P378 -P379      |       Q851 -Q868      |       Q893 -Q897
    Q646            |       Q874 -Q875      |     M Q898
    Q851 -Q868      |       Q893 -Q897      |       Q900 -Q939
    Q874 -Q875      |     M Q898            |     M Q998
    Q893 -Q897      |       Q900 -Q939      |       Q999
  M Q898            |     M Q998            |
    Q900 -Q939      |       Q999            |    --- Q653  ---
  M Q998            |                       |
    Q999            |    --- Q650  ---      |       A500 -A509
                    |                       |     M P000 -P009
 --- Q647  ---      |       A500 -A509      |       P012 -P013
                    |     M P000 -P009      |       P041 -P049
    A500 -A509      |       P012 -P013      |       P350 -P359
  M P000 -P009      |       P041 -P049      |       P370 -P374
    P012 -P013      |       P350 -P359      |       P378 -P379
    P041 -P049      |       P370 -P374      |       Q653
    P350 -P359      |       P378 -P379      |       Q851 -Q868
    P370 -P374      |       Q650            |       Q874 -Q875
    P378 -P379      |       Q851 -Q868      |       Q893 -Q897
    Q647            |       Q874 -Q875      |     M Q898
    Q851 -Q868      |       Q893 -Q897      |       Q900 -Q939
    Q874 -Q875      |     M Q898            |     M Q998
    Q893 -Q897      |       Q900 -Q939      |       Q999
  M Q898            |     M Q998            |
    Q900 -Q939      |       Q999            |    --- Q654  ---
  M Q998            |                       |
    Q999            |    --- Q651  ---      |       A500 -A509
                    |                       |     M P000 -P009
 --- Q648  ---      |       A500 -A509      |       P012 -P013
                    |     M P000 -P009      |       P041 -P049
    A500 -A509      |       P012 -P013      |       P350 -P359
  M P000 -P009      |       P041 -P049      |       P370 -P374
    P012 -P013      |       P350 -P359      |       P378 -P379
    P041 -P049      |       P370 -P374      |       Q654
    P350 -P359      |       P378 -P379      |       Q851 -Q868
    P370 -P374      |       Q651            |       Q874 -Q875
    P378 -P379      |       Q851 -Q868      |       Q893 -Q897
    Q648            |       Q874 -Q875      |     M Q898
    Q851 -Q868      |       Q893 -Q897      |       Q900 -Q939
    Q874 -Q875      |     M Q898            |     M Q998
    Q893 -Q897      |       Q900 -Q939      |       Q999
  M Q898            |     M Q998            |
    Q900 -Q939      |       Q999            |    --- Q655  ---
  M Q998            |                       |
    Q999            |    --- Q652  ---      |       A500 -A509
                    |                       |     M P000 -P009
 --- Q649  ---      |       A500 -A509      |       P012 -P013
                    |     M P000 -P009      |       P041 -P049
    A500 -A509      |       P012 -P013      |       P350 -P359
  M P000 -P009      |       P041 -P049      |       P370 -P374
    P012 -P013      |       P350 -P359      |       P378 -P379
    P041 -P049      |       P370 -P374      |       Q655
```

```
  --- Q655  ---     |    --- Q659  ---     |    --- Q662   ---
     CONTINUED      |       CONTINUED      |       CONTINUED
     Q851 -Q868     |       Q893 -Q897     |       Q900 -Q939
     Q874 -Q875     |     M Q898           |     M Q998
     Q893 -Q897     |       Q900 -Q939     |       Q999
   M Q898           |     M Q998           |
     Q900 -Q939     |       Q999           |    --- Q663   ---
   M Q998           |                      |
     Q999           |    --- Q660  ---     |       A500 -A509
                    |                      |     M P000 -P009
   --- Q656  ---    |       A500 -A509     |       P012 -P013
                    |     M P000 -P009     |       P041 -P049
     A500 -A509     |       P012 -P013     |       P350 -P359
   M P000 -P009     |       P041 -P049     |       P370 -P374
     P012 -P013     |       P350 -P359     |       P378 -P379
     P041 -P049     |       P370 -P374     |       Q663
     P350 -P359     |       P378 -P379     |       Q851 -Q868
     P370 -P374     |       Q660           |       Q874 -Q875
     P378 -P379     |       Q851 -Q868     |       Q893 -Q897
     Q656           |       Q874 -Q875     |     M Q898
     Q851 -Q868     |       Q893 -Q897     |       Q900 -Q939
     Q874 -Q875     |     M Q898           |     M Q998
     Q893 -Q897     |       Q900 -Q939     |       Q999
   M Q898           |     M Q998           |
     Q900 -Q939     |       Q999           |    --- Q664   ---
   M Q998           |                      |
     Q999           |    --- Q661   ---    |       A500 -A509
                    |                      |     M P000 -P009
   --- Q658   ---   |       A500 -A509     |       P012 -P013
                    |     M P000 -P009     |       P041 -P049
     A500 -A509     |       P012 -P013     |       P350 -P359
   M P000 -P009     |       P041 -P049     |       P370 -P374
     P012 -P013     |       P350 -P359     |       P378 -P379
     P041 -P049     |       P370 -P374     |       Q664
     P350 -P359     |       P378 -P379     |       Q851 -Q868
     P370 -P374     |       Q661           |       Q874 -Q875
     P378 -P379     |       Q851 -Q868     |       Q893 -Q897
     Q658           |       Q874 -Q875     |     M Q898
     Q851 -Q868     |       Q893 -Q897     |       Q900 -Q939
     Q874 -Q875     |     M Q898           |     M Q998
     Q893 -Q897     |       Q900 -Q939     |       Q999
   M Q898           |     M Q998           |
     Q900 -Q939     |       Q999           |    --- Q665   ---
   M Q998           |                      |
     Q999           |    --- Q662   ---    |       A500 -A509
                    |                      |     M P000 -P009
   --- Q659   ---   |       A500 -A509     |       P012 -P013
                    |     M P000 -P009     |       P041 -P049
     A500 -A509     |       P012 -P013     |       P350 -P359
   M P000 -P009     |       P041 -P049     |       P370 -P374
     P012 -P013     |       P350 -P359     |       P378 -P379
     P041 -P049     |       P370 -P374     |       Q665
     P350 -P359     |       P378 -P379     |       Q851 -Q868
     P370 -P374     |       Q662           |       Q874 -Q875
     P378 -P379     |       Q851 -Q868     |       Q893 -Q897
     Q659           |       Q874 -Q875     |     M Q898
     Q851 -Q868     |       Q893 -Q897     |       Q900 -Q939
     Q874 -Q875     |     M Q898           |     M Q998
```

```
   --- Q665 ---       |     --- Q669 ---     |     --- Q672 ---
      CONTINUED        |                      |        CONTINUED
      Q999             |     A500 -A509       |     P012 -P013
                       |   M P000 -P009       |     P041 -P049
   --- Q666 ---        |     P012 -P013       |     P350 -P359
                       |     P041 -P049       |     P370 -P374
      A500 -A509       |     P350 -P359       |     P378 -P379
    M P000 -P009       |     P370 -P374       |     Q672
      P012 -P013       |     P378 -P379       |     Q851 -Q868
      P041 -P049       |     Q669             |     Q874 -Q875
      P350 -P359       |     Q851 -Q868       |     Q893 -Q897
      P370 -P374       |     Q874 -Q875       |   M Q898
      P378 -P379       |     Q893 -Q897       |     Q900 -Q939
      Q666             |   M Q898             |   M Q998
      Q851 -Q868       |     Q900 -Q939       |     Q999
      Q874 -Q875       |   M Q998             |
      Q893 -Q897       |     Q999             |     --- Q673 ---
    M Q898             |                      |
      Q900 -Q939       |     --- Q670 ---     |     A500 -A509
    M Q998             |                      |   M P000 -P009
      Q999             |     A500 -A509       |     P012 -P013
                       |   M P000 -P009       |     P041 -P049
   --- Q667 ---        |     P012 -P013       |     P350 -P359
                       |     P041 -P049       |     P370 -P374
      A500 -A509       |     P350 -P359       |     P378 -P379
    M P000 -P009       |     P370 -P374       |     Q673
      P012 -P013       |     P378 -P379       |     Q851 -Q868
      P041 -P049       |     Q670             |     Q874 -Q875
      P350 -P359       |     Q851 -Q868       |     Q893 -Q897
      P370 -P374       |     Q874 -Q875       |   M Q898
      P378 -P379       |     Q893 -Q897       |     Q900 -Q939
      Q667             |   M Q898             |   M Q998
      Q851 -Q868       |     Q900 -Q939       |     Q999
      Q874 -Q875       |   M Q998             |
      Q893 -Q897       |     Q999             |     --- Q674 ---
    M Q898             |                      |
      Q900 -Q939       |     --- Q671 ---     |     A500 -A509
    M Q998             |                      |   M P000 -P009
      Q999             |     A500 -A509       |     P012 -P013
                       |   M P000 -P009       |     P041 -P049
   --- Q668 ---        |     P012 -P013       |     P350 -P359
                       |     P041 -P049       |     P370 -P374
      A500 -A509       |     P350 -P359       |     P378 -P379
    M P000 -P009       |     P370 -P374       |     Q674
      P012 -P013       |     P378 -P379       |     Q851 -Q868
      P041 -P049       |     Q671             |     Q874 -Q875
      P350 -P359       |     Q851 -Q868       |     Q893 -Q897
      P370 -P374       |     Q874 -Q875       |   M Q898
      P378 -P379       |     Q893 -Q897       |     Q900 -Q939
      Q668             |   M Q898             |   M Q998
      Q851 -Q868       |     Q900 -Q939       |     Q999
      Q874 -Q875       |   M Q998             |
      Q893 -Q897       |     Q999             |     --- Q675 ---
    M Q898             |                      |
      Q900 -Q939       |     --- Q672 ---     |     A500 -A509
    M Q998             |                      |   M P000 -P009
      Q999             |     A500 -A509       |     P012 -P013
                       |   M P000 -P009       |     P041 -P049
```

```
    --- Q675  ---      |     --- Q678  ---      |     --- Q682   ---
      CONTINUED        |       CONTINUED        |       CONTINUED
      P350 -P359       |       P378 -P379       |       Q851 -Q868
      P370 -P374       |       Q678             |       Q874 -Q875
      P378 -P379       |       Q851 -Q868       |       Q893 -Q897
      Q675             |       Q874 -Q875       |     M Q898
      Q851 -Q868       |       Q893 -Q897       |       Q900 -Q939
      Q874 -Q875       |     M Q898             |     M Q998
      Q893 -Q897       |       Q900 -Q939       |       Q999
    M Q898             |     M Q998             |
      Q900 -Q939       |       Q999             |     --- Q683  ---
    M Q998             |                        |
      Q999             |     --- Q680  ---      |       A500 -A509
                       |                        |     M P000 -P009
    --- Q676  ---      |       A500 -A509       |       P012 -P013
                       |     M P000 -P009       |       P041 -P049
      A500 -A509       |       P012 -P013       |       P350 -P359
    M P000 -P009       |       P041 -P049       |       P370 -P374
      P012 -P013       |       P350 -P359       |       P378 -P379
      P041 -P049       |       P370 -P374       |       Q683
      P350 -P359       |       P378 -P379       |       Q851 -Q868
      P370 -P374       |       Q680             |       Q874 -Q875
      P378 -P379       |       Q851 -Q868       |       Q893 -Q897
      Q676             |       Q874 -Q875       |     M Q898
      Q851 -Q868       |       Q893 -Q897       |       Q900 -Q939
      Q874 -Q875       |     M Q898             |     M Q998
      Q893 -Q897       |       Q900 -Q939       |       Q999
    M Q898             |     M Q998             |
      Q900 -Q939       |       Q999             |     --- Q684   ---
    M Q998             |                        |
      Q999             |     --- Q681  ---      |       A500 -A509
                       |                        |     M P000 -P009
    --- Q677  ---      |       A500 -A509       |       P012 -P013
                       |     M P000 -P009       |       P041 -P049
      A500 -A509       |       P012 -P013       |       P350 -P359
    M P000 -P009       |       P041 -P049       |       P370 -P374
      P012 -P013       |       P350 -P359       |       P378 -P379
      P041 -P049       |       P370 -P374       |       Q684
      P350 -P359       |       P378 -P379       |       Q851 -Q868
      P370 -P374       |       Q681             |       Q874 -Q875
      P378 -P379       |       Q851 -Q868       |       Q893 -Q897
      Q677             |       Q874 -Q875       |     M Q898
      Q851 -Q868       |       Q893 -Q897       |       Q900 -Q939
      Q874 -Q875       |     M Q898             |     M Q998
      Q893 -Q897       |       Q900 -Q939       |       Q999
    M Q898             |     M Q998             |
      Q900 -Q939       |       Q999             |     --- Q685   ---
    M Q998             |                        |
      Q999             |     --- Q682  ---      |       A500 -A509
                       |                        |     M P000 -P009
    --- Q678  ---      |       A500 -A509       |       P012 -P013
                       |     M P000 -P009       |       P041 -P049
      A500 -A509       |       P012 -P013       |       P350 -P359
    M P000 -P009       |       P041 -P049       |       P370 -P374
      P012 -P013       |       P350 -P359       |       P378 -P379
      P041 -P049       |       P370 -P374       |       Q685
      P350 -P359       |       P378 -P379       |       Q851 -Q868
      P370 -P374       |       Q682             |       Q874 -Q875
```

```
  --- Q685  ---       |    --- Q691  ---       |    --- Q700  ---
     CONTINUED        |       CONTINUED        |       CONTINUED
    Q893 -Q897        |      Q900 -Q939        |      Q999
M Q898                |  M Q998                |
    Q900 -Q939        |      Q999              |    --- Q701  ---
M Q998                |                        |
    Q999              |    --- Q692  ---       |      A500 -A509
                      |                        |  M P000 -P009
  --- Q688  ---       |      A500 -A509        |      P012 -P013
                      |  M P000 -P009          |      P041 -P049
                      |      P012 -P013        |      P350 -P359
    A500 -A509        |      P041 -P049        |      P370 -P374
M P000 -P009          |      P350 -P359        |      P378 -P379
    P012 -P013        |      P370 -P374        |      Q701
    P041 -P049        |      P378 -P379        |      Q851 -Q868
    P350 -P359        |      Q692              |      Q874 -Q875
    P370 -P374        |      Q851 -Q868        |      Q893 -Q897
    P378 -P379        |      Q874 -Q875        |  M Q898
    Q688              |      Q893 -Q897        |      Q900 -Q939
    Q851 -Q868        |  M Q898                |  M Q998
    Q874 -Q875        |      Q900 -Q939        |      Q999
    Q893 -Q897        |  M Q998                |
M Q898                |      Q999              |    --- Q702  ---
    Q900 -Q939        |                        |
M Q998                |    --- Q699  ---       |      A500 -A509
    Q999              |                        |  M P000 -P009
                      |      A500 -A509        |      P012 -P013
  --- Q690  ---       |  M P000 -P009          |      P041 -P049
                      |      P012 -P013        |      P350 -P359
    A500 -A509        |      P041 -P049        |      P370 -P374
M P000 -P009          |      P350 -P359        |      P378 -P379
    P012 -P013        |      P370 -P374        |      Q702
    P041 -P049        |      P378 -P379        |      Q851 -Q868
    P350 -P359        |      Q699              |      Q874 -Q875
    P370 -P374        |      Q851 -Q868        |      Q893 -Q897
    P378 -P379        |      Q874 -Q875        |  M Q898
    Q690              |      Q893 -Q897        |      Q900 -Q939
    Q851 -Q868        |  M Q898                |  M Q998
    Q874 -Q875        |      Q900 -Q939        |      Q999
    Q893 -Q897        |  M Q998                |
M Q898                |      Q999              |    --- Q703  ---
    Q900 -Q939        |                        |
M Q998                |    --- Q700  ---       |      A500 -A509
    Q999              |                        |  M P000 -P009
                      |      A500 -A509        |      P012 -P013
  --- Q691  ---       |  M P000 -P009          |      P041 -P049
                      |      P012 -P013        |      P350 -P359
    A500 -A509        |      P041 -P049        |      P370 -P374
M P000 -P009          |      P350 -P359        |      P378 -P379
    P012 -P013        |      P370 -P374        |      Q703
    P041 -P049        |      P378 -P379        |      Q851 -Q868
    P350 -P359        |      Q700              |      Q874 -Q875
    P370 -P374        |      Q851 -Q868        |      Q893 -Q897
    P378 -P379        |      Q874 -Q875        |  M Q898
    Q691              |      Q893 -Q897        |      Q900 -Q939
    Q851 -Q868        |  M Q898                |  M Q998
    Q874 -Q875        |      Q900 -Q939        |      Q999
    Q893 -Q897        |  M Q998                |
M Q898                |                        |
```

```
   --- Q704  ---      |     --- Q711  ---      |     --- Q714   ---
                      |       CONTINUED        |       CONTINUED
     A500 -A509       |       P012 -P013       |       P350 -P359
   M P000 -P009       |       P041 -P049       |       P370 -P374
     P012 -P013       |       P350 -P359       |       P378 -P379
     P041 -P049       |       P370 -P374       |       Q714
     P350 -P359       |       P378 -P379       |       Q851 -Q868
     P370 -P374       |       Q711             |       Q874 -Q875
     P378 -P379       |       Q851 -Q868       |       Q893 -Q897
     Q704             |       Q874 -Q875       |     M Q898
     Q851 -Q868       |       Q893 -Q897       |       Q900 -Q939
     Q874 -Q875       |     M Q898             |     M Q998
     Q893 -Q897       |       Q900 -Q939       |       Q999
   M Q898             |     M Q998             |
     Q900 -Q939       |       Q999             |
   M Q998             |                        |     --- Q715   ---
     Q999             |     --- Q712  ---      |
                      |                        |       A500 -A509
   --- Q709  ---      |       A500 -A509       |     M P000 -P009
                      |     M P000 -P009       |       P012 -P013
     A500 -A509       |       P012 -P013       |       P041 -P049
   M P000 -P009       |       P041 -P049       |       P350 -P359
     P012 -P013       |       P350 -P359       |       P370 -P374
     P041 -P049       |       P370 -P374       |       P378 -P379
     P350 -P359       |       P378 -P379       |       Q715
     P370 -P374       |       Q712             |       Q851 -Q868
     P378 -P379       |       Q851 -Q868       |       Q874 -Q875
     Q709             |       Q874 -Q875       |       Q893 -Q897
     Q851 -Q868       |       Q893 -Q897       |     M Q898
     Q874 -Q875       |     M Q898             |       Q900 -Q939
     Q893 -Q897       |       Q900 -Q939       |     M Q998
   M Q898             |     M Q998             |       Q999
     Q900 -Q939       |       Q999             |
   M Q998             |                        |     --- Q716   ---
     Q999             |     --- Q713  ---      |
                      |                        |       A500 -A509
   --- Q710  ---      |       A500 -A509       |     M P000 -P009
                      |     M P000 -P009       |       P012 -P013
     A500 -A509       |       P012 -P013       |       P041 -P049
   M P000 -P009       |       P041 -P049       |       P350 -P359
     P012 -P013       |       P350 -P359       |       P370 -P374
     P041 -P049       |       P370 -P374       |       P378 -P379
     P350 -P359       |       P378 -P379       |       Q716
     P370 -P374       |       Q713             |       Q851 -Q868
     P378 -P379       |       Q851 -Q868       |       Q874 -Q875
     Q710             |       Q874 -Q875       |       Q893 -Q897
     Q851 -Q868       |       Q893 -Q897       |     M Q898
     Q874 -Q875       |     M Q898             |       Q900 -Q939
     Q893 -Q897       |       Q900 -Q939       |     M Q998
   M Q898             |     M Q998             |       Q999
     Q900 -Q939       |       Q999             |
   M Q998             |                        |
     Q999             |     --- Q714  ---      |     --- Q718   ---
                      |                        |
   --- Q711  ---      |       A500 -A509       |       A500 -A509
                      |     M P000 -P009       |     M P000 -P009
     A500 -A509       |       P012 -P013       |       P012 -P013
   M P000 -P009       |       P041 -P049       |       P041 -P049
                      |                        |       P350 -P359
                      |                        |       P370 -P374
```

```
  --- Q718  ---      |     --- Q721  ---     |     --- Q724   ---
     CONTINUED       |        CONTINUED      |        CONTINUED
    P378 -P379       |       Q851 -Q868      |       Q893 -Q897
    Q718             |       Q874 -Q875      |     M Q898
    Q851 -Q868       |       Q893 -Q897      |       Q900 -Q939
    Q874 -Q875       |     M Q898            |     M Q998
    Q893 -Q897       |       Q900 -Q939      |       Q999
  M Q898             |     M Q998            |
    Q900 -Q939       |       Q999            |     --- Q725   ---
  M Q998             |                       |
    Q999             |     --- Q722  ---     |       A500 -A509
                     |                       |     M P000 -P009
  --- Q719  ---      |       A500 -A509      |       P012 -P013
                     |     M P000 -P009      |       P041 -P049
    A500 -A509       |       P012 -P013      |       P350 -P359
  M P000 -P009       |       P041 -P049      |       P370 -P374
    P012 -P013       |       P350 -P359      |       P378 -P379
    P041 -P049       |       P370 -P374      |       Q725
    P350 -P359       |       P378 -P379      |       Q851 -Q868
    P370 -P374       |       Q722            |       Q874 -Q875
    P378 -P379       |       Q851 -Q868      |       Q893 -Q897
    Q719             |       Q874 -Q875      |     M Q898
    Q851 -Q868       |       Q893 -Q897      |       Q900 -Q939
    Q874 -Q875       |     M Q898            |     M Q998
    Q893 -Q897       |       Q900 -Q939      |       Q999
  M Q898             |     M Q998            |
    Q900 -Q939       |       Q999            |     --- Q726   ---
  M Q998             |                       |
    Q999             |     --- Q723  ---     |       A500 -A509
                     |                       |     M P000 -P009
  --- Q720  ---      |       A500 -A509      |       P012 -P013
                     |     M P000 -P009      |       P041 -P049
    A500 -A509       |       P012 -P013      |       P350 -P359
  M P000 -P009       |       P041 -P049      |       P370 -P374
    P012 -P013       |       P350 -P359      |       P378 -P379
    P041 -P049       |       P370 -P374      |       Q726
    P350 -P359       |       P378 -P379      |       Q851 -Q868
    P370 -P374       |       Q723            |       Q874 -Q875
    P378 -P379       |       Q851 -Q868      |       Q893 -Q897
    Q720             |       Q874 -Q875      |     M Q898
    Q851 -Q868       |       Q893 -Q897      |       Q900 -Q939
    Q874 -Q875       |     M Q898            |     M Q998
    Q893 -Q897       |       Q900 -Q939      |       Q999
  M Q898             |     M Q998            |
    Q900 -Q939       |       Q999            |     --- Q727   ---
  M Q998             |                       |
    Q999             |     --- Q724  ---     |       A500 -A509
                     |                       |     M P000 -P009
  --- Q721  ---      |       A500 -A509      |       P012 -P013
                     |     M P000 -P009      |       P041 -P049
    A500 -A509       |       P012 -P013      |       P350 -P359
  M P000 -P009       |       P041 -P049      |       P370 -P374
    P012 -P013       |       P350 -P359      |       P378 -P379
    P041 -P049       |       P370 -P374      |       Q727
    P350 -P359       |       P378 -P379      |       Q851 -Q868
    P370 -P374       |       Q724            |       Q874 -Q875
    P378 -P379       |       Q851 -Q868      |       Q893 -Q897
    Q721             |       Q874 -Q875      |     M Q898
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

--- Q727 ---	--- Q730 ---	--- Q741 ---
CONTINUED	CONTINUED	
Q900 -Q939	Q999	A500 -A509
M Q998		M P000 -P009
Q999	--- Q731 ---	P012 -P013
		P041 -P049
--- Q728 ---	A500 -A509	P350 -P359
	M P000 -P009	P370 -P374
A500 -A509	P012 -P013	P378 -P379
M P000 -P009	P041 -P049	Q741
P012 -P013	P350 -P359	Q851 -Q868
P041 -P049	P370 -P374	Q874 -Q875
P350 -P359	P378 -P379	Q893 -Q897
P370 -P374	Q731	M Q898
P378 -P379	Q851 -Q868	Q900 -Q939
Q728	Q874 -Q875	M Q998
Q851 -Q868	Q893 -Q897	Q999
Q874 -Q875	M Q898	
Q893 -Q897	Q900 -Q939	
M Q898	M Q998	--- Q742 ---
Q900 -Q939	Q999	
M Q998		A500 -A509
Q999	--- Q738 ---	M P000 -P009
		P012 -P013
--- Q729 ---	A500 -A509	P041 -P049
	M P000 -P009	P350 -P359
A500 -A509	P012 -P013	P370 -P374
M P000 -P009	P041 -P049	P378 -P379
P012 -P013	P350 -P359	Q742
P041 -P049	P370 -P374	Q851 -Q868
P350 -P359	P378 -P379	Q874 -Q875
P370 -P374	Q738	Q893 -Q897
P378 -P379	Q851 -Q868	M Q898
Q729	Q874 -Q875	Q900 -Q939
Q851 -Q868	Q893 -Q897	M Q998
Q874 -Q875	M Q898	Q999
Q893 -Q897	Q900 -Q939	
M Q898	M Q998	
Q900 -Q939	Q999	--- Q743 ---
M Q998		
Q999	--- Q740 ---	A500 -A509
		M P000 -P009
--- Q730 ---	A500 -A509	P012 -P013
	M P000 -P009	P041 -P049
A500 -A509	P012 -P013	P350 -P359
M P000 -P009	P041 -P049	P370 -P374
P012 -P013	P350 -P359	P378 -P379
P041 -P049	P370 -P374	Q743
P350 -P359	P378 -P379	Q851 -Q868
P370 -P374	Q740	Q874 -Q875
P378 -P379	Q851 -Q868	Q893 -Q897
Q730	Q874 -Q875	M Q898
Q851 -Q868	Q893 -Q897	Q900 -Q939
Q874 -Q875	M Q898	M Q998
Q893 -Q897	Q900 -Q939	Q999
M Q898	M Q998	
Q900 -Q939	Q999	--- Q748 ---
M Q998		
		A500 -A509
		M P000 -P009

```
                                 TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

     --- Q748  ---     |     --- Q751  ---     |     --- Q754   ---
        CONTINUED      |        CONTINUED      |        CONTINUED
      P012 -P013       |      P350 -P359       |      P378 -P379
      P041 -P049       |      P370 -P374       |      Q754
      P350 -P359       |      P378 -P379       |      Q851 -Q868
      P370 -P374       |      Q751             |      Q874 -Q875
      P378 -P379       |      Q851 -Q868       |      Q893 -Q897
      Q748             |      Q874 -Q875       |    M Q898
      Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
      Q874 -Q875       |    M Q898             |    M Q998
      Q893 -Q897       |      Q900 -Q939       |      Q999
    M Q898             |    M Q998             |
      Q900 -Q939       |      Q999             |     --- Q755  ---
    M Q998             |                       |
      Q999             |     --- Q752  ---     |      A500 -A509
                       |                       |    M P000 -P009
     --- Q749  ---     |      A500 -A509       |      P012 -P013
                       |    M P000 -P009       |      P041 -P049
      A500 -A509       |      P012 -P013       |      P350 -P359
    M P000 -P009       |      P041 -P049       |      P370 -P374
      P012 -P013       |      P350 -P359       |      P378 -P379
      P041 -P049       |      P370 -P374       |      Q755
      P350 -P359       |      P378 -P379       |      Q851 -Q868
      P370 -P374       |      Q752             |      Q874 -Q875
      P378 -P379       |      Q851 -Q868       |      Q893 -Q897
      Q749             |      Q874 -Q875       |    M Q898
      Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
      Q874 -Q875       |    M Q898             |    M Q998
      Q893 -Q897       |      Q900 -Q939       |      Q999
    M Q898             |    M Q998             |
      Q900 -Q939       |      Q999             |     --- Q758  ---
    M Q998             |                       |
      Q999             |     --- Q753  ---     |      A500 -A509
                       |                       |    M P000 -P009
     --- Q750  ---     |      A500 -A509       |      P012 -P013
                       |    M P000 -P009       |      P041 -P049
      A500 -A509       |      P012 -P013       |      P350 -P359
    M P000 -P009       |      P041 -P049       |      P370 -P374
      P012 -P013       |      P350 -P359       |      P378 -P379
      P041 -P049       |      P370 -P374       |      Q758
      P350 -P359       |      P378 -P379       |      Q851 -Q868
      P370 -P374       |      Q753             |      Q874 -Q875
      P378 -P379       |      Q851 -Q868       |      Q893 -Q897
      Q750             |      Q874 -Q875       |    M Q898
      Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
      Q874 -Q875       |    M Q898             |    M Q998
      Q893 -Q897       |      Q900 -Q939       |      Q999
    M Q898             |    M Q998             |
      Q900 -Q939       |      Q999             |     --- Q759  ---
    M Q998             |                       |
      Q999             |     --- Q754  ---     |      A500 -A509
                       |                       |    M P000 -P009
     --- Q751  ---     |      A500 -A509       |      P012 -P013
                       |    M P000 -P009       |      P041 -P049
      A500 -A509       |      P012 -P013       |      P350 -P359
    M P000 -P009       |      P041 -P049       |      P370 -P374
      P012 -P013       |      P350 -P359       |      P378 -P379
      P041 -P049       |      P370 -P374       |      Q759
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   --- Q759  ---     |    --- Q762  ---     |    --- Q765   ---
     CONTINUED       |      CONTINUED       |      CONTINUED
     Q851 -Q868      |      Q893 -Q897      |      Q900 -Q939
     Q874 -Q875      |    M Q898            |    M Q998
     Q893 -Q897      |      Q900 -Q939      |      Q999
   M Q898            |    M Q998            |
     Q900 -Q939      |      Q999            |    --- Q766   ---
   M Q998            |                      |
     Q999            |    --- Q763  ---     |      A500 -A509
                     |                      |    M P000 -P009
   --- Q760  ---     |      A500 -A509      |      P012 -P013
                     |    M P000 -P009      |      P041 -P049
     A500 -A509      |      P012 -P013      |      P350 -P359
   M P000 -P009      |      P041 -P049      |      P370 -P374
     P012 -P013      |      P350 -P359      |      P378 -P379
     P041 -P049      |      P370 -P374      |      Q766
     P350 -P359      |      P378 -P379      |      Q851 -Q868
     P370 -P374      |      Q763            |      Q874 -Q875
     P378 -P379      |      Q851 -Q868      |      Q893 -Q897
     Q760            |      Q874 -Q875      |    M Q898
     Q851 -Q868      |      Q893 -Q897      |      Q900 -Q939
     Q874 -Q875      |    M Q898            |    M Q998
     Q893 -Q897      |      Q900 -Q939      |      Q999
   M Q898            |    M Q998            |
     Q900 -Q939      |      Q999            |    --- Q767   ---
   M Q998            |                      |
     Q999            |    --- Q764  ---     |      A500 -A509
                     |                      |    M P000 -P009
   --- Q761  ---     |      A500 -A509      |      P012 -P013
                     |    M P000 -P009      |      P041 -P049
     A500 -A509      |      P012 -P013      |      P350 -P359
   M P000 -P009      |      P041 -P049      |      P370 -P374
     P012 -P013      |      P350 -P359      |      P378 -P379
     P041 -P049      |      P370 -P374      |      Q767
     P350 -P359      |      P378 -P379      |      Q851 -Q868
     P370 -P374      |      Q764            |      Q874 -Q875
     P378 -P379      |      Q851 -Q868      |      Q893 -Q897
     Q761            |      Q874 -Q875      |    M Q898
     Q851 -Q868      |      Q893 -Q897      |      Q900 -Q939
     Q874 -Q875      |    M Q898            |    M Q998
     Q893 -Q897      |      Q900 -Q939      |      Q999
   M Q898            |    M Q998            |
     Q900 -Q939      |      Q999            |    --- Q768   ---
   M Q998            |                      |
     Q999            |    --- Q765  ---     |      A500 -A509
                     |                      |    M P000 -P009
   --- Q762  ---     |      A500 -A509      |      P012 -P013
                     |    M P000 -P009      |      P041 -P049
     A500 -A509      |      P012 -P013      |      P350 -P359
   M P000 -P009      |      P041 -P049      |      P370 -P374
     P012 -P013      |      P350 -P359      |      P378 -P379
     P041 -P049      |      P370 -P374      |      Q768
     P350 -P359      |      P378 -P379      |      Q851 -Q868
     P370 -P374      |      Q765            |      Q874 -Q875
     P378 -P379      |      Q851 -Q868      |      Q893 -Q897
     Q762            |      Q874 -Q875      |    M Q898
     Q851 -Q868      |      Q893 -Q897      |      Q900 -Q939
     Q874 -Q875      |    M Q898            |    M Q998
```

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                                   TABLE D
              CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

     --- Q768  ---      |     --- Q772  ---      |     --- Q775  ---
        CONTINUED       |                        |        CONTINUED
        Q999            |      A500 -A509         |      P012 -P013
                        |    M P000 -P009         |      P041 -P049
     --- Q769  ---      |      P012 -P013         |      P350 -P359
                        |      P041 -P049         |      P370 -P374
      A500 -A509        |      P350 -P359         |      P378 -P379
    M P000 -P009        |      P370 -P374         |      Q775
      P012 -P013        |      P378 -P379         |      Q851 -Q868
      P041 -P049        |      Q772               |      Q874 -Q875
      P350 -P359        |      Q851 -Q868         |      Q893 -Q897
      P370 -P374        |      Q874 -Q875         |    M Q898
      P378 -P379        |      Q893 -Q897         |      Q900 -Q939
      Q769              |    M Q898               |    M Q998
      Q851 -Q868        |      Q900 -Q939         |      Q999
      Q874 -Q875        |    M Q998               |
      Q893 -Q897        |      Q999               |     --- Q776  ---
    M Q898              |                        |
      Q900 -Q939        |     --- Q773  ---      |      A500 -A509
    M Q998              |                        |    M P000 -P009
      Q999              |      A500 -A509         |      P012 -P013
                        |    M P000 -P009         |      P041 -P049
     --- Q770  ---      |      P012 -P013         |      P350 -P359
                        |      P041 -P049         |      P370 -P374
      A500 -A509        |      P350 -P359         |      P378 -P379
    M P000 -P009        |      P370 -P374         |      Q776
      P012 -P013        |      P378 -P379         |      Q851 -Q868
      P041 -P049        |      Q773               |      Q874 -Q875
      P350 -P359        |      Q851 -Q868         |      Q893 -Q897
      P370 -P374        |      Q874 -Q875         |    M Q898
      P378 -P379        |      Q893 -Q897         |      Q900 -Q939
      Q770              |    M Q898               |    M Q998
      Q851 -Q868        |      Q900 -Q939         |      Q999
      Q874 -Q875        |    M Q998               |
      Q893 -Q897        |      Q999               |     --- Q777  ---
    M Q898              |                        |
      Q900 -Q939        |     --- Q774  ---      |      A500 -A509
    M Q998              |                        |    M P000 -P009
      Q999              |      A500 -A509         |      P012 -P013
                        |    M P000 -P009         |      P041 -P049
     --- Q771  ---      |      P012 -P013         |      P350 -P359
                        |      P041 -P049         |      P370 -P374
      A500 -A509        |      P350 -P359         |      P378 -P379
    M P000 -P009        |      P370 -P374         |      Q777
      P012 -P013        |      P378 -P379         |      Q851 -Q868
      P041 -P049        |      Q774               |      Q874 -Q875
      P350 -P359        |      Q851 -Q868         |      Q893 -Q897
      P370 -P374        |      Q874 -Q875         |    M Q898
      P378 -P379        |      Q893 -Q897         |      Q900 -Q939
      Q771              |    M Q898               |    M Q998
      Q851 -Q868        |      Q900 -Q939         |      Q999
      Q874 -Q875        |    M Q998               |
      Q893 -Q897        |      Q999               |     --- Q778  ---
    M Q898              |                        |
      Q900 -Q939        |     --- Q775  ---      |      A500 -A509
    M Q998              |                        |    M P000 -P009
      Q999              |      A500 -A509         |      P012 -P013
                        |    M P000 -P009         |      P041 -P049
```

--- Q778 ---	--- Q781 ---	--- Q784 ---
CONTINUED	CONTINUED	CONTINUED
P350 -P359	P378 -P379	Q851 -Q868
P370 -P374	Q781	Q874 -Q875
P378 -P379	Q851 -Q868	Q893 -Q897
Q778	Q874 -Q875	M Q898
Q851 -Q868	Q893 -Q897	Q900 -Q939
Q874 -Q875	M Q898	M Q998
Q893 -Q897	Q900 -Q939	Q999
M Q898	M Q998	
Q900 -Q939	Q999	--- Q785 ---
M Q998		
Q999	--- Q782 ---	A500 -A509
		M P000 -P009
--- Q779 ---	A500 -A509	P012 -P013
	M P000 -P009	P041 -P049
A500 -A509	P012 -P013	P350 -P359
M P000 -P009	P041 -P049	P370 -P374
P012 -P013	P350 -P359	P378 -P379
P041 -P049	P370 -P374	M Q758
P350 -P359	P378 -P379	Q775 -Q776
P370 -P374	Q782	M Q778
P378 -P379	Q851 -Q868	Q779 -Q783
Q779	Q874 -Q875	Q785
Q851 -Q868	Q893 -Q897	M Q788 -Q789
Q874 -Q875	M Q898	Q851 -Q868
Q893 -Q897	Q900 -Q939	Q874 -Q875
M Q898	M Q998	Q893 -Q897
Q900 -Q939	Q999	M Q898
M Q998		Q900 -Q939
Q999	--- Q783 ---	M Q998
		Q999
--- Q780 ---	A500 -A509	
	M P000 -P009	--- Q786 ---
A500 -A509	P012 -P013	
M P000 -P009	P041 -P049	A500 -A509
P012 -P013	P350 -P359	M P000 -P009
P041 -P049	P370 -P374	P012 -P013
P350 -P359	P378 -P379	P041 -P049
P370 -P374	Q783	P350 -P359
P378 -P379	Q851 -Q868	P370 -P374
Q780	Q874 -Q875	P378 -P379
Q851 -Q868	Q893 -Q897	Q786
Q874 -Q875	M Q898	Q851 -Q868
Q893 -Q897	Q900 -Q939	Q874 -Q875
M Q898	M Q998	Q893 -Q897
Q900 -Q939	Q999	M Q898
M Q998		Q900 -Q939
Q999	--- Q784 ---	M Q998
		Q999
--- Q781 ---	A500 -A509	
	M P000 -P009	--- Q788 ---
A500 -A509	P012 -P013	
M P000 -P009	P041 -P049	A500 -A509
P012 -P013	P350 -P359	M P000 -P009
P041 -P049	P370 -P374	P012 -P013
P350 -P359	P378 -P379	P041 -P049
P370 -P374	Q784	P350 -P359

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   --- Q788  ---     |   --- Q791  ---     |   --- Q794   ---
     CONTINUED       |     CONTINUED       |     CONTINUED
     P370 -P374      |     P378 -P379      |     P041 -P049
     P378 -P379      |   M Q758            |     P350 -P359
   M Q778            |     Q775 -Q776      |     P370 -P374
     Q788            |   M Q778            |     P378 -P379
     Q851 -Q868      |     Q779 -Q783      |     Q794
     Q874 -Q875      |   M Q788 -Q789      |     Q851 -Q868
     Q893 -Q897      |     Q791            |     Q874 -Q875
   M Q898            |     Q851 -Q868      |     Q893 -Q897
     Q900 -Q939      |     Q874 -Q875      |   M Q898
   M Q998            |     Q893 -Q897      |     Q900 -Q939
     Q999            |   M Q898            |   M Q998
                     |     Q900 -Q939      |     Q999
   --- Q789  ---     |   M Q998            |
                     |     Q999            |   --- Q795   ---
     A500 -A509      |                     |
   M P000 -P009      |   --- Q792  ---     |     A500 -A509
     P012 -P013      |                     |   M P000 -P009
     P041 -P049      |     A500 -A509      |     P012 -P013
     P350 -P359      |   M P000 -P009      |     P041 -P049
     P370 -P374      |     P012 -P013      |     P350 -P359
     P378 -P379      |     P041 -P049      |     P370 -P374
     Q789            |     P350 -P359      |     P378 -P379
     Q851 -Q868      |     P370 -P374      |     Q795
     Q874 -Q875      |     P378 -P379      |     Q851 -Q868
     Q893 -Q897      |     Q792            |     Q874 -Q875
   M Q898            |     Q851 -Q868      |     Q893 -Q897
     Q900 -Q939      |     Q874 -Q875      |   M Q898
   M Q998            |     Q893 -Q897      |     Q900 -Q939
     Q999            |   M Q898            |   M Q998
                     |     Q900 -Q939      |     Q999
   --- Q790  ---     |   M Q998            |
                     |     Q999            |   --- Q796   ---
     A500 -A509      |                     |
   M P000 -P009      |   --- Q793  ---     |     A500 -A509
     P012 -P013      |                     |   M P000 -P009
     P041 -P049      |     A500 -A509      |     P012 -P013
     P350 -P359      |   M P000 -P009      |     P041 -P049
     P370 -P374      |     P012 -P013      |     P350 -P359
     P378 -P379      |     P041 -P049      |     P370 -P374
     Q790            |     P350 -P359      |     P378 -P379
     Q851 -Q868      |     P370 -P374      |     Q796
     Q874 -Q875      |     P378 -P379      |     Q851 -Q868
     Q893 -Q897      |     Q793            |     Q874 -Q875
   M Q898            |     Q851 -Q868      |     Q893 -Q897
     Q900 -Q939      |     Q874 -Q875      |   M Q898
   M Q998            |     Q893 -Q897      |     Q900 -Q939
     Q999            |   M Q898            |   M Q998
                     |     Q900 -Q939      |     Q999
   --- Q791  ---     |   M Q998            |
                     |     Q999            |   --- Q798   ---
     A500 -A509      |                     |
   M P000 -P009      |   --- Q794  ---     |     A500 -A509
     P012 -P013      |                     |   M P000 -P009
     P041 -P049      |     A500 -A509      |     P012 -P013
     P350 -P359      |   M P000 -P009      |     P041 -P049
     P370 -P374      |     P012 -P013      |     P350 -P359
```

```
  --- Q798  ---      |    --- Q801  ---      |    --- Q804   ---
     CONTINUED       |       CONTINUED       |       CONTINUED
     P370 -P374      |       Q801            |       Q874 -Q875
     P378 -P379      |       Q851 -Q868      |       Q893 -Q897
     Q798            |       Q874 -Q875      |     M Q898
     Q851 -Q868      |       Q893 -Q897      |       Q900 -Q939
     Q874 -Q875      |     M Q898            |     M Q998
     Q893 -Q897      |       Q900 -Q939      |       Q999
   M Q898            |     M Q998            |
     Q900 -Q939      |       Q999            |    --- Q808   ---
   M Q998            |                       |
     Q999            |    --- Q802   ---     |       A500 -A509
                     |                       |     M P000 -P009
   --- Q799  ---     |       A500 -A509      |       P012 -P013
                     |     M P000 -P009      |       P041 -P049
     A500 -A509      |       P012 -P013      |       P350 -P359
   M P000 -P009      |       P041 -P049      |       P370 -P374
     P012 -P013      |       P350 -P359      |       P378 -P379
     P041 -P049      |       P370 -P374      |       Q808
     P350 -P359      |       P378 -P379      |       Q851 -Q868
     P370 -P374      |       Q802            |       Q874 -Q875
     P378 -P379      |       Q851 -Q868      |       Q893 -Q897
     Q799            |       Q874 -Q875      |     M Q898
     Q851 -Q868      |       Q893 -Q897      |       Q900 -Q939
     Q874 -Q875      |     M Q898            |     M Q998
     Q893 -Q897      |       Q900 -Q939      |       Q999
   M Q898            |     M Q998            |
     Q900 -Q939      |       Q999            |    --- Q809   ---
   M Q998            |                       |
     Q999            |    --- Q803   ---     |       A500 -A509
                     |                       |     M P000 -P009
   --- Q800   ---    |       A500 -A509      |       P012 -P013
                     |     M P000 -P009      |       P041 -P049
     A500 -A509      |       P012 -P013      |       P350 -P359
   M P000 -P009      |       P041 -P049      |       P370 -P374
     P012 -P013      |       P350 -P359      |       P378 -P379
     P041 -P049      |       P370 -P374      |       Q809
     P350 -P359      |       P378 -P379      |       Q851 -Q868
     P370 -P374      |       Q803            |       Q874 -Q875
     P378 -P379      |       Q851 -Q868      |       Q893 -Q897
     Q800            |       Q874 -Q875      |     M Q898
     Q851 -Q868      |       Q893 -Q897      |       Q900 -Q939
     Q874 -Q875      |     M Q898            |     M Q998
     Q893 -Q897      |       Q900 -Q939      |       Q999
   M Q898            |     M Q998            |
     Q900 -Q939      |       Q999            |    --- Q810   ---
   M Q998            |                       |
     Q999            |    --- Q804   ---     |       A500 -A509
                     |                       |     M P000 -P009
   --- Q801  ---     |       A500 -A509      |       P012 -P013
                     |     M P000 -P009      |       P041 -P049
     A500 -A509      |       P012 -P013      |       P350 -P359
   M P000 -P009      |       P041 -P049      |       P370 -P374
     P012 -P013      |       P350 -P359      |       P378 -P379
     P041 -P049      |       P370 -P374      |       Q810
     P350 -P359      |       P378 -P379      |       Q851 -Q868
     P370 -P374      |       Q804            |       Q874 -Q875
     P378 -P379      |       Q851 -Q868      |       Q893 -Q897
```

```
  --- Q810  ---      |    --- Q818  ---      |    --- Q822  ---
     CONTINUED       |       CONTINUED       |
M Q898               |  M Q998               |    A500 -A509
  Q900 -Q939         |    Q999               |  M P000 -P009
M Q998               |                       |    P012 -P013
  Q999               |    --- Q819  ---      |    P041 -P049
                     |                       |    P350 -P359
  --- Q811  ---      |    A500 -A509         |    P370 -P374
                     |  M P000 -P009         |    P378 -P379
  A500 -A509         |    P012 -P013         |    Q822
M P000 -P009         |    P041 -P049         |    Q851 -Q868
  P012 -P013         |    P350 -P359         |    Q874 -Q875
  P041 -P049         |    P370 -P374         |    Q893 -Q897
  P350 -P359         |    P378 -P379         |  M Q898
  P370 -P374         |    Q819               |    Q900 -Q939
  P378 -P379         |    Q851 -Q868         |  M Q998
  Q811               |    Q874 -Q875         |    Q999
  Q851 -Q868         |    Q893 -Q897         |
  Q874 -Q875         |  M Q898               |    --- Q823  ---
  Q893 -Q897         |    Q900 -Q939         |
M Q898               |  M Q998               |    A500 -A509
  Q900 -Q939         |    Q999               |  M P000 -P009
M Q998               |                       |    P012 -P013
  Q999               |    --- Q820  ---      |    P041 -P049
                     |                       |    P350 -P359
  --- Q812  ---      |    A500 -A509         |    P370 -P374
                     |  M P000 -P009         |    P378 -P379
  A500 -A509         |    P012 -P013         |    Q823
M P000 -P009         |    P041 -P049         |    Q851 -Q868
  P012 -P013         |    P350 -P359         |    Q874 -Q875
  P041 -P049         |    P370 -P374         |    Q893 -Q897
  P350 -P359         |    P378 -P379         |  M Q898
  P370 -P374         |    Q820               |    Q900 -Q939
  P378 -P379         |    Q851 -Q868         |  M Q998
  Q812               |    Q874 -Q875         |    Q999
  Q851 -Q868         |    Q893 -Q897         |
  Q874 -Q875         |  M Q898               |    --- Q824  ---
  Q893 -Q897         |    Q900 -Q939         |
M Q898               |  M Q998               |    A500 -A509
  Q900 -Q939         |    Q999               |  M P000 -P009
M Q998               |                       |    P012 -P013
  Q999               |    --- Q821  ---      |    P041 -P049
                     |                       |    P350 -P359
  --- Q818  ---      |    A500 -A509         |    P370 -P374
                     |  M P000 -P009         |    P378 -P379
  A500 -A509         |    P012 -P013         |    Q824
M P000 -P009         |    P041 -P049         |    Q851 -Q868
  P012 -P013         |    P350 -P359         |    Q874 -Q875
  P041 -P049         |    P370 -P374         |    Q893 -Q897
  P350 -P359         |    P378 -P379         |  M Q898
  P370 -P374         |    Q821               |    Q900 -Q939
  P378 -P379         |    Q851 -Q868         |  M Q998
  Q818               |    Q874 -Q875         |    Q999
  Q851 -Q868         |    Q893 -Q897         |
  Q874 -Q875         |  M Q898               |    --- Q825  ---
  Q893 -Q897         |    Q900 -Q939         |
M Q898               |  M Q998               |    A500 -A509
  Q900 -Q939         |    Q999               |  M P000 -P009
```

```
   --- Q825  ---       |     --- Q830  ---       |     --- Q833  ---
     CONTINUED         |       CONTINUED         |       CONTINUED
     P012 -P013        |       P350 -P359        |       P378 -P379
     P041 -P049        |       P370 -P374        |       Q833
     P350 -P359        |       P378 -P379        |       Q851 -Q868
     P370 -P374        |       Q830              |       Q874 -Q875
     P378 -P379        |       Q851 -Q868        |       Q893 -Q897
     Q825              |       Q874 -Q875        |     M Q898
     Q851 -Q868        |       Q893 -Q897        |       Q900 -Q939
     Q874 -Q875        |     M Q898              |     M Q998
     Q893 -Q897        |       Q900 -Q939        |       Q999
   M Q898              |     M Q998              |
     Q900 -Q939        |       Q999              |     --- Q838  ---
   M Q998              |                         |
     Q999              |     --- Q831  ---       |       A500 -A509
                       |                         |     M P000 -P009
   --- Q828  ---       |       A500 -A509        |       P012 -P013
                       |     M P000 -P009        |       P041 -P049
     A500 -A509        |       P012 -P013        |       P350 -P359
   M P000 -P009        |       P041 -P049        |       P370 -P374
     P012 -P013        |       P350 -P359        |       P378 -P379
     P041 -P049        |       P370 -P374        |       Q838
     P350 -P359        |       P378 -P379        |       Q851 -Q868
     P370 -P374        |       Q831              |       Q874 -Q875
     P378 -P379        |       Q851 -Q868        |       Q893 -Q897
     Q828              |       Q874 -Q875        |     M Q898
     Q851 -Q868        |       Q893 -Q897        |       Q900 -Q939
     Q874 -Q875        |     M Q898              |     M Q998
     Q893 -Q897        |       Q900 -Q939        |       Q999
   M Q898              |     M Q998              |
     Q900 -Q939        |       Q999              |     --- Q839  ---
   M Q998              |                         |
     Q999              |     --- Q832  ---       |       A500 -A509
                       |                         |     M P000 -P009
   --- Q829  ---       |       A500 -A509        |       P012 -P013
                       |     M P000 -P009        |       P041 -P049
     A500 -A509        |       P012 -P013        |       P350 -P359
   M P000 -P009        |       P041 -P049        |       P370 -P374
     P012 -P013        |       P350 -P359        |       P378 -P379
     P041 -P049        |       P370 -P374        |       Q839
     P350 -P359        |       P378 -P379        |       Q851 -Q868
     P370 -P374        |       Q832              |       Q874 -Q875
     P378 -P379        |       Q851 -Q868        |       Q893 -Q897
     Q829              |       Q874 -Q875        |     M Q898
     Q851 -Q868        |       Q893 -Q897        |       Q900 -Q939
     Q874 -Q875        |     M Q898              |     M Q998
     Q893 -Q897        |       Q900 -Q939        |       Q999
   M Q898              |     M Q998              |
     Q900 -Q939        |       Q999              |     --- Q840  ---
   M Q998              |                         |
     Q999              |     --- Q833  ---       |       A500 -A509
                       |                         |     M P000 -P009
   --- Q830  ---       |       A500 -A509        |       P012 -P013
                       |     M P000 -P009        |       P041 -P049
     A500 -A509        |       P012 -P013        |       P350 -P359
   M P000 -P009        |       P041 -P049        |       P370 -P374
     P012 -P013        |       P350 -P359        |       P378 -P379
     P041 -P049        |       P370 -P374        |       Q840
```

```
  --- Q840  ---      |    --- Q843  ---      |    --- Q846  ---
     CONTINUED       |       CONTINUED       |       CONTINUED
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |    M Q898             |    M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
  M Q898             |    M Q998             |
    Q900 -Q939       |      Q999             |    --- Q848  ---
  M Q998             |                       |
    Q999             |    --- Q844  ---      |      A500 -A509
                     |                       |    M P000 -P009
  --- Q841  ---      |      A500 -A509       |      P012 -P013
                     |    M P000 -P009       |      P041 -P049
    A500 -A509       |      P012 -P013       |      P350 -P359
  M P000 -P009       |      P041 -P049       |      P370 -P374
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q848
    P350 -P359       |      P378 -P379       |      Q851 -Q868
    P370 -P374       |      Q844             |      Q874 -Q875
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q841             |      Q874 -Q875       |    M Q898
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |    M Q898             |    M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
  M Q898             |    M Q998             |
    Q900 -Q939       |      Q999             |    --- Q849  ---
  M Q998             |                       |
    Q999             |    --- Q845  ---      |      A500 -A509
                     |                       |    M P000 -P009
  --- Q842  ---      |      A500 -A509       |      P012 -P013
                     |    M P000 -P009       |      P041 -P049
    A500 -A509       |      P012 -P013       |      P350 -P359
  M P000 -P009       |      P041 -P049       |      P370 -P374
    P012 -P013       |      P350 -P359       |      P378 -P379
    P041 -P049       |      P370 -P374       |      Q849
    P350 -P359       |      P378 -P379       |      Q851 -Q868
    P370 -P374       |      Q845             |      Q874 -Q875
    P378 -P379       |      Q851 -Q868       |      Q893 -Q897
    Q842             |      Q874 -Q875       |    M Q898
    Q851 -Q868       |      Q893 -Q897       |      Q900 -Q939
    Q874 -Q875       |    M Q898             |    M Q998
    Q893 -Q897       |      Q900 -Q939       |      Q999
  M Q898             |    M Q998             |
    Q900 -Q939       |      Q999             |    --- Q850  ---
  M Q998             |                       |
    Q999             |    --- Q846  ---      |      P012
                     |                       |      Q850
  --- Q843  ---      |      A500 -A509       |
                     |    M P000 -P009       |    --- Q851  ---
    A500 -A509       |      P012 -P013       |
  M P000 -P009       |      P041 -P049       |      A500 -A509
    P012 -P013       |      P350 -P359       |    M P000 -P009
    P041 -P049       |      P370 -P374       |      P012 -P013
    P350 -P359       |      P378 -P379       |      P041 -P049
    P370 -P374       |      Q846             |      P350 -P359
    P378 -P379       |      Q851 -Q868       |      P370 -P374
    Q843             |      Q874 -Q875       |      P378 -P379
    Q851 -Q868       |      Q893 -Q897       |      Q851
    Q874 -Q875       |    M Q898             |    M Q998
```

```
   --- Q851  ---     |    --- Q862  ---     |    --- Q871   ---
     CONTINUED       |                      |      CONTINUED
     Q999            |    A500 -A509        |  M Q998
                     |  M P000 -P009        |    Q999
   --- Q858  ---     |    P012 -P013        |
                     |    P041 -P049        |    --- Q872   ---
    A500 -A509       |    P350 -P359        |
  M P000 -P009       |    P370 -P374        |    A500 -A509
    P012 -P013       |    P378 -P379        |  M P000 -P009
    P041 -P049       |    Q862              |    P012 -P013
    P350 -P359       |  M Q998              |    P041 -P049
    P370 -P374       |    Q999              |    P350 -P359
    P378 -P379       |                      |    P370 -P374
    Q858             |    --- Q868  ---     |    P378 -P379
  M Q998             |                      |    Q851 -Q868
    Q999             |    A500 -A509        |    Q872
                     |  M P000 -P009        |    Q874 -Q875
   --- Q859  ---     |    P012 -P013        |    Q893 -Q897
                     |    P041 -P049        |  M Q898
    A500 -A509       |    P350 -P359        |    Q900 -Q939
  M P000 -P009       |    P370 -P374        |  M Q998
    P012 -P013       |    P378 -P379        |    Q999
    P041 -P049       |    Q868              |
    P350 -P359       |  M Q998              |    --- Q873   ---
    P370 -P374       |    Q999              |
    P378 -P379       |                      |    A500 -A509
    Q859             |    --- Q870  ---     |  M P000 -P009
  M Q998             |                      |    P012 -P013
    Q999             |    A500 -A509        |    P041 -P049
                     |  M P000 -P009        |    P350 -P359
   --- Q860  ---     |    P012 -P013        |    P370 -P374
                     |    P041 -P049        |    P378 -P379
    A500 -A509       |    P350 -P359        |    Q851 -Q868
  M P000 -P009       |    P370 -P374        |    Q873 -Q875
    P012 -P013       |    P378 -P379        |    Q893 -Q897
    P041 -P049       |    Q851 -Q870        |  M Q898
    P350 -P359       |    Q874 -Q875        |    Q900 -Q939
    P370 -P374       |    Q893 -Q897        |  M Q998
    P378 -P379       |  M Q898              |    Q999
    Q860             |    Q900 -Q939        |
  M Q998             |  M Q998              |    --- Q874   ---
    Q999             |    Q999              |
                     |                      |    A500 -A509
   --- Q861  ---     |    --- Q871   ---    |  M P000 -P009
                     |                      |    P012 -P013
    A500 -A509       |    A500 -A509        |    P041 -P049
  M P000 -P009       |  M P000 -P009        |    P350 -P359
    P012 -P013       |    P012 -P013        |    P370 -P374
    P041 -P049       |    P041 -P049        |    P378 -P379
    P350 -P359       |    P350 -P359        |    Q874
    P370 -P374       |    P370 -P374        |  M Q998
    P378 -P379       |    P378 -P379        |    Q999
    Q861             |    Q851 -Q868        |
  M Q998             |    Q871              |    --- Q875   ---
    Q999             |    Q874 -Q875        |
                     |    Q893 -Q897        |    A500 -A509
                     |  M Q898              |  M P000 -P009
                     |    Q900 -Q939        |    P012 -P013
```

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   --- Q875  ---      |     --- Q892  ---     |     --- Q898   ---
      CONTINUED       |        CONTINUED      |        CONTINUED
      P041 -P049      |        P378 -P379     |     M Q900 -Q998
      P350 -P359      |        Q892           |        Q999
      P370 -P374      |     M Q998            |
      P378 -P379      |        Q999           |     --- Q899   ---
      Q875            |                       |
   M Q998             |     --- Q893  ---     |        A500 -A509
      Q999            |                       |     M P000 -P009
                      |        A500 -A509     |        P012 -P013
   --- Q878  ---      |     M P000 -P009      |        P041 -P049
                      |        P012 -P013     |        P350 -P359
      A500 -A509      |        P041 -P049     |        P370 -P374
   M P000 -P009       |        P350 -P359     |        P378 -P379
      P012 -P013      |        P370 -P374     |        Q899
      P041 -P049      |        P378 -P379     |     M Q900 -Q998
      P350 -P359      |        Q893           |        Q999
      P370 -P374      |     M Q998            |
      P378 -P379      |        Q999           |     --- Q900   ---
      Q851 -Q868      |                       |
      Q878            |     --- Q894  ---     |     M P961 -P962
   M Q998             |                       |        Q900
      Q999            |        A500 -A509     |        Q999
                      |     M P000 -P009      |
   --- Q890  ---      |        P012 -P013     |     --- Q901   ---
                      |        P041 -P049     |
      A500 -A509      |        P350 -P359     |     M P961 -P962
   M P000 -P009       |        P370 -P374     |        Q901
      P012 -P013      |        P378 -P379     |        Q999
      P041 -P049      |        Q894           |
      P350 -P359      |     M Q998            |     --- Q902   ---
      P370 -P374      |        Q999           |
      P378 -P379      |                       |     M P961 -P962
      Q890            |     --- Q897  ---     |        Q902
   M Q998             |                       |        Q999
      Q999            |        A500 -A509     |
                      |     M P000 -P009      |     --- Q909   ---
   --- Q891  ---      |        P012 -P013     |
                      |        P041 -P049     |     M P961 -P962
      A500 -A509      |        P350 -P359     |        Q909
   M P000 -P009       |        P370 -P374     |        Q999
      P012 -P013      |        P378 -P379     |
      P041 -P049      |        Q860 -Q868     |     --- Q910   ---
      P350 -P359      |        Q897           |
      P370 -P374      |     M Q898            |     M P961 -P962
      P378 -P379      |     M Q900 -Q998      |        Q910
      Q891            |        Q999           |        Q999
   M Q998             |                       |
      Q999            |     --- Q898  ---     |     --- Q911   ---
                      |                       |
   --- Q892  ---      |        A500 -A509     |     M P961 -P962
                      |     M P000 -P009      |        Q911
      A500 -A509      |        P012 -P013     |        Q999
   M P000 -P009       |        P041 -P049     |
      P012 -P013      |        P350 -P359     |     --- Q912   ---
      P041 -P049      |        P370 -P374     |
      P350 -P359      |        P378 -P379     |     M P961 -P962
      P370 -P374      |        Q898           |        Q912
```

```
   --- Q912  ---    |    --- Q924  ---    |    --- Q933   ---
     CONTINUED      |                     |      CONTINUED
     Q999           |   M P961 -P962      |      Q999
                    |     Q924            |
   --- Q913  ---    |     Q999            |    --- Q934   ---
                    |                     |
  M P961 -P962      |    --- Q925  ---    |   M P961 -P962
    Q913            |                     |     Q934
    Q999            |   M P961 -P962      |     Q999
                    |     Q925            |
   --- Q914  ---    |     Q999            |    --- Q935   ---
                    |                     |
  M P961 -P962      |    --- Q926  ---    |   M P961 -P962
    Q914            |                     |     Q935
    Q999            |   M P961 -P962      |     Q999
                    |     Q926            |
   --- Q915  ---    |     Q999            |    --- Q936   ---
                    |                     |
  M P961 -P962      |    --- Q927  ---    |   M P961 -P962
    Q915            |                     |     Q936
    Q999            |   M P961 -P962      |     Q999
                    |     Q927            |
   --- Q916  ---    |     Q999            |    --- Q937   ---
                    |                     |
  M P961 -P962      |    --- Q928  ---    |   M P961 -P962
    Q916            |                     |     Q937
    Q999            |   M P961 -P962      |     Q999
                    |     Q928            |
   --- Q917  ---    |     Q999            |    --- Q938   ---
                    |                     |
  M P961 -P962      |    --- Q929  ---    |   M P961 -P962
    Q917            |                     |     Q938
    Q999            |   M P961 -P962      |     Q999
                    |     Q929            |
   --- Q920  ---    |     Q999            |    --- Q939   ---
                    |                     |
  M P961 -P962      |    --- Q930  ---    |   M P961 -P962
    Q920            |                     |     Q939
    Q999            |   M P961 -P962      |     Q999
                    |     Q930            |
   --- Q921  ---    |     Q999            |    --- Q950   ---
                    |                     |
  M P961 -P962      |    --- Q931  ---    |   M P961 -P962
    Q921            |                     |     Q950
    Q999            |   M P961 -P962      |     Q999
                    |     Q931            |
   --- Q922  ---    |     Q999            |    --- Q951   ---
                    |                     |
  M P961 -P962      |    --- Q932  ---    |   M P961 -P962
    Q922            |                     |     Q951
    Q999            |   M P961 -P962      |     Q999
                    |     Q932            |
   --- Q923  ---    |     Q999            |    --- Q952   ---
                    |                     |
  M P961 -P962      |    --- Q933  ---    |   M P961 -P962
    Q923            |                     |     Q952
    Q999            |   M P961 -P962      |     Q999
                    |     Q933            |
```

```
 --- Q953  ---      |    --- Q964  ---      |    --- Q981  ---
                    |      CONTINUED        |
M P961 -P962        |     Q999              |  M P961 -P962
   Q953             |                       |     Q981
   Q999             |    --- Q968  ---      |     Q999
                    |                       |
 --- Q954  ---      |  M P961 -P962         |    --- Q982  ---
                    |     Q968              |
M P961 -P962        |     Q999              |  M P961 -P962
   Q954             |                       |     Q982
   Q999             |    --- Q969  ---      |     Q999
                    |                       |
 --- Q955  ---      |  M P961 -P962         |    --- Q983  ---
                    |     Q969              |
M P961 -P962        |     Q999              |  M P961 -P962
   Q955             |                       |     Q983
   Q999             |    --- Q970  ---      |     Q999
                    |                       |
 --- Q958  ---      |  M P961 -P962         |    --- Q984  ---
                    |     Q970              |
M P961 -P962        |     Q999              |  M P961 -P962
   Q958             |                       |     Q984
   Q999             |    --- Q971  ---      |     Q999
                    |                       |
 --- Q959  ---      |  M P961 -P962         |    --- Q985  ---
                    |     Q971              |
M P961 -P962        |     Q999              |  M P961 -P962
   Q959             |                       |     Q985
   Q999             |    --- Q972  ---      |     Q999
                    |                       |
 --- Q960  ---      |  M P961 -P962         |    --- Q986  ---
                    |     Q972              |
M P961 -P962        |     Q999              |  M P961 -P962
   Q960             |                       |     Q986
   Q999             |    --- Q973  ---      |     Q999
                    |                       |
 --- Q961  ---      |  M P961 -P962         |    --- Q987  ---
                    |     Q973              |
M P961 -P962        |     Q999              |  M P961 -P962
   Q961             |                       |     Q987
   Q999             |    --- Q978  ---      |     Q999
                    |                       |
 --- Q962  ---      |  M P961 -P962         |    --- Q988  ---
                    |     Q978              |
M P961 -P962        |     Q999              |  M P961 -P962
   Q962             |                       |     Q988
   Q999             |    --- Q979  ---      |     Q999
                    |                       |
 --- Q963  ---      |  M P961 -P962         |    --- Q989  ---
                    |     Q979              |
M P961 -P962        |     Q999              |  M P961 -P962
   Q963             |                       |     Q989
   Q999             |    --- Q980  ---      |     Q999
                    |                       |
 --- Q964  ---      |  M P961 -P962         |    --- Q990  ---
                    |     Q980              |
M P961 -P962        |     Q999              |  M P961 -P962
   Q964             |                       |     Q990
```

```
  --- Q990  ---      | --- R55  -R579  --- |   --- R826   ---
     CONTINUED        |                     |
     Q999             |    A000 -R825       |    A000 -R892
                      |  M R826             |  M R893
  --- Q991   ---      |    R827 -R892       |    R894 -R961
                      |  M R893             |    R98  -Y899
M P961 -P962          |    R894 -R961       |
    Q991              |    R98  -Y899       | --- R827 -R892   ---
    Q999              |                     |
                      | --- R58  -R5800 --- |    A000 -R825
  --- Q992   ---      |                     |  M R826
                      |    A000 -R825       |    R827 -R892
M P961 -P962          |  M R826             |  M R893
    Q992              |    R827 -R892       |    R894 -R961
    Q999              |  M R893             |    R98  -Y899
                      |    R894 -R961       |
  --- Q998   ---      |                     |   --- R893   ---
                      | --- R590 -R749  --- |
M P961 -P962          |                     |    A000 -R825
    Q998 -Q999        |    A000 -R825       |  M R826
                      |  M R826             |    R827 -R961
  --- Q999   ---      |    R827 -R892       |    R98  -Y899
                      |  M R893             |
M P961 -P962          |    R894 -R961       | --- R894 -R961   ---
    Q999              |    R98  -Y899       |
                      |                     |    A000 -R825
--- R000 -R232  ---   |   --- R75    ---    |  M R826
                      |                     |    R827 -R892
    A000 -R825        |    B200 -B24        |  M R893
  M R826              |    R75              |    R894 -R961
    R827 -R892        |                     |    R98  -Y899
  M R893              | --- R760 -R779  --- |
    R894 -R961        |                     |   --- R97    ---
    R98  -Y899        |    A000 -R825       |
                      |  M R826             |    R97
   --- R233  ---      |    R827 -R892       |
                      |  M R893             | --- R98  -R99   ---
    A000 -R825        |    R894 -R961       |
  M R826             |    R98  -Y899        |    A000 -R825
    R827 -R892        |                     |  M R826
  M R893              |   --- R780   ---    |    R827 -R892
    R894 -R961        |                     |  M R893
                      |    F101 -F109       |    R894 -R961
--- R234 -R53   ---   |    R780             |    R98  -Y899
                      |  M R826             |
    A000 -R825        |  M R893             | --- S000 -T16   ---
  M R826              |    T510 -T519       |
    R827 -R892        |                     |    G400 -G419
  M R893              | --- R781 -R825  --- |    S000 -Y899
    R894 -R961        |                     |
    R98  -Y899        |    A000 -R825       | --- T170 -T179  ---
                      |  M R826             |
   --- R54    ---     |    R827 -R892       |    A000 -R825
                      |  M R893             |  M R826
    R54              |    R894 -R961        |    R827 -R892
                      |    R98  -Y899       |  M R893
                      |                     |    R894 -R961
                      |                     |    R98  -Y899
```

```
                              TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

--- T180 -T357  --- |    --- T800  ---    |    --- T809  ---
                    |       CONTINUED     |       CONTINUED
    G400 -G419      |      Y600 -Y849     |      Y600 -Y849
    S000 -Y899      |      Y881          |      Y881
                    |      Y883          |      Y883
--- T360 -T66   --- |                    |
                    |    --- T801  ---    |    --- T810  ---
    S000 -Y899      |                    |
                    |      T801          |      T810
--- T670 -T699  --- |      Y600 -Y849     |      Y600 -Y849
                    |      Y881          |      Y881
    G400 -G419      |      Y883          |      Y883
    S000 -Y899      |                    |
                    |    --- T802  ---    |    --- T811  ---
--- T700 -T709  --- |                    |
                    |      T802          |      T811
    S000 -Y899      |      Y600 -Y849     |      Y600 -Y849
                    |      Y881          |      Y881
--- T71  -T732  --- |      Y883          |      Y883
                    |                    |
    G400 -G419      |    --- T803  ---    |    --- T812  ---
    S000 -Y899      |                    |
                    |      T803          |      T812
   --- T733  ---    |      Y600 -Y849     |      Y600 -Y849
                    |      Y881          |      Y881
    S000 -Y899      |      Y883          |      Y883
                    |                    |
--- T738 -T739  --- |    --- T804  ---    |    --- T813  ---
                    |                    |
    G400 -G419      |      T804          |      T813
    S000 -Y899      |      Y600 -Y849     |      Y600 -Y849
                    |      Y881          |      Y881
--- T740 -T750  --- |      Y883          |      Y883
                    |                    |
    S000 -Y899      |    --- T805  ---    |    --- T814  ---
                    |                    |
   --- T751  ---    |      T805          |      T814
                    |      Y600 -Y849     |      Y600 -Y849
    G400 -G419      |      Y881          |      Y881
    P035            |      Y883          |      Y883
    S000 -Y899      |                    |
                    |    --- T806  ---    |    --- T815  ---
--- T752 -T753  --- |                    |
                    |      T806          |      T815
    S000 -Y899      |      Y600 -Y849     |      Y600 -Y849
                    |      Y881          |      Y881
--- T754 -T758  --- |      Y883          |      Y883
                    |                    |
    G400 -G419      |    --- T808  ---    |    --- T816  ---
    S000 -Y899      |                    |
                    |      T808          |      T816
--- T780 -T799  --- |      Y600 -Y849     |      Y600 -Y849
                    |      Y881          |      Y881
    S000 -Y899      |      Y883          |      Y883
                    |                    |
   --- T800  ---    |    --- T809  ---    |    --- T817  ---
                    |                    |
    T800            |      T809          |      T817
```

```
                              TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

   --- T817  ---      |    --- T825  ---      |    --- T833  ---
     CONTINUED        |      CONTINUED        |      CONTINUED
     Y600 -Y849       |      Y600 -Y849       |      Y600 -Y849
     Y881             |      Y881             |      Y881
     Y883             |      Y883             |      Y883
                      |                       |
   --- T818  ---      |    --- T826  ---      |    --- T834  ---
                      |                       |
     T818             |      T826             |      T834
     Y600 -Y849       |      Y600 -Y849       |      Y600 -Y849
     Y881             |      Y881             |      Y881
     Y883             |      Y883             |      Y883
                      |                       |
   --- T819  ---      |    --- T827  ---      |    --- T835  ---
                      |                       |
     T819             |      T827             |      T835
     Y600 -Y849       |      Y600 -Y849       |      Y600 -Y849
     Y881             |      Y881             |      Y881
     Y883             |      Y883             |      Y883
                      |                       |
   --- T820  ---      |    --- T828  ---      |    --- T836  ---
                      |                       |
     T820             |      T828             |      T836
     Y600 -Y849       |      Y600 -Y849       |      Y600 -Y849
     Y881             |      Y881             |      Y881
     Y883             |      Y883             |      Y883
                      |                       |
   --- T821  ---      |    --- T829  ---      |    --- T838  ---
                      |                       |
     T821             |      T829             |      T838
     Y600 -Y849       |      Y600 -Y849       |      Y600 -Y849
     Y881             |      Y881             |      Y881
     Y883             |      Y883             |      Y883
                      |                       |
   --- T822  ---      |    --- T830  ---      |    --- T839  ---
                      |                       |
     T822             |      T830             |      T839
     Y600 -Y849       |      Y600 -Y849       |      Y600 -Y849
     Y881             |      Y881             |      Y881
     Y883             |      Y883             |      Y883
                      |                       |
   --- T823  ---      |    --- T831  ---      |    --- T840  ---
                      |                       |
     T823             |      T831             |      T840
     Y600 -Y849       |      Y600 -Y849       |      Y600 -Y849
     Y881             |      Y881             |      Y881
     Y883             |      Y883             |      Y883
                      |                       |
   --- T824  ---      |    --- T832  ---      |    --- T841  ---
                      |                       |
     T824             |      T832             |      T841
     Y600 -Y849       |      Y600 -Y849       |      Y600 -Y849
     Y881             |      Y881             |      Y881
     Y883             |      Y883             |      Y883
                      |                       |
   --- T825  ---      |    --- T833  ---      |    --- T842  ---
                      |                       |
     T825             |      T833             |      T842
```

```
                              TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

    --- T842  ---       |    --- T850  ---       |    --- T858  ---
       CONTINUED        |       CONTINUED        |       CONTINUED
       Y600 -Y849       |       Y600 -Y849       |       Y600 -Y849
       Y881             |       Y881             |       Y881
       Y883             |       Y883             |       Y883
                        |                        |
    --- T843  ---       |    --- T851  ---       |    --- T859  ---
                        |                        |
       T843             |       T851             |       T859
       Y600 -Y849       |       Y600 -Y849       |       Y600 -Y849
       Y881             |       Y881             |       Y881
       Y883             |       Y883             |       Y883
                        |                        |
    --- T844  ---       |    --- T852  ---       |    --- T860  ---
                        |                        |
       T844             |       T852             |       T860
       Y600 -Y849       |       Y600 -Y849       |       Y600 -Y849
       Y881             |       Y881             |       Y881
       Y883             |       Y883             |       Y883
                        |                        |
    --- T845  ---       |    --- T853  ---       |    --- T861  ---
                        |                        |
       T845             |       T853             |       T861
       Y600 -Y849       |       Y600 -Y849       |       Y600 -Y847
       Y881             |       Y881             |     M Y848
       Y883             |       Y883             |       Y849
                        |                        |       Y881
    --- T846  ---       |    --- T854  ---       |       Y883
                        |                        |
       T846             |       T854             |    --- T862  ---
       Y600 -Y849       |       Y600 -Y849       |
       Y881             |       Y881             |       T862
       Y883             |       Y883             |       Y600 -Y849
                        |                        |       Y881
    --- T847  ---       |    --- T855  ---       |       Y883
                        |                        |
       T847             |       T855             |    --- T863  ---
       Y600 -Y849       |       Y600 -Y849       |
       Y881             |       Y881             |       T863
       Y883             |       Y883             |       Y600 -Y849
                        |                        |       Y881
    --- T848  ---       |    --- T856  ---       |       Y883
                        |                        |
       T848             |       T856             |    --- T864  ---
       Y600 -Y849       |       Y600 -Y849       |
       Y881             |       Y881             |       T864
       Y883             |       Y883             |       Y600 -Y849
                        |                        |       Y881
    --- T849  ---       |    --- T857  ---       |       Y883
                        |                        |
       T849             |       T857             |    --- T868  ---
       Y600 -Y849       |       Y600 -Y849       |
       Y881             |       Y881             |       T868
       Y883             |       Y883             |       Y600 -Y849
                        |                        |       Y881
    --- T850  ---       |    --- T858  ---       |       Y883
                        |                        |
       T850             |       T858             |
                           D-397   (10-04)
```

```
                             TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2


   --- T869  ---      |    --- T880  ---      |    --- T888   ---
                      |                       |
     T869             |      T880             |      T888
     Y600 -Y849       |      Y600 -Y849       |      Y600 -Y849
     Y881             |      Y881             |      Y881
     Y883             |      Y883             |      Y883
                      |                       |
   --- T870  ---      |    --- T881  ---      |    --- T889   ---
                      |                       |
     T870             |      T881             |      T889
     Y600 -Y849       |      Y600 -Y849       |      Y600 -Y849
     Y881             |      Y881             |      Y881
     Y883             |      Y883             |      Y883
                      |                       |
   --- T871  ---      |    --- T882  ---      | --- T900 -T97    ---
                      |                       |
     T871             |      T882             |      G400 -G419
     Y600 -Y849       |      Y600 -Y849       |      S000 -Y899
     Y881             |      Y881             |
     Y883             |      Y883             |    --- T980  ---
                      |                       |
   --- T872  ---      |    --- T883  ---      |      A000 -O998
                      |                       |      Q000 -R825
     T872             |      T883             |    M R826
     Y600 -Y849       |      Y600 -Y849       |      R827 -R892
     Y881             |      Y881             |    M R893
     Y883             |      Y883             |      R894 -R961
                      |                       |      R98  -Y899
   --- T873  ---      |    --- T884  ---      |
                      |                       | --- T981 -T983   ---
     T873             |      T884             |
     Y600 -Y849       |      Y600 -Y849       |      G400 -G419
     Y881             |      Y881             |      S000 -Y899
     Y883             |      Y883             |
                      |                       |    --- V010  ---
   --- T874  ---      |    --- T885  ---      |
                      |                       |      G400 -G419
     T874             |      T885             |      V010
     Y600 -Y849       |      Y600 -Y849       |
     Y881             |      Y881             |    --- V011   ---
     Y883             |      Y883             |
                      |                       |      G400 -G419
   --- T875  ---      |    --- T886  ---      |      V011
                      |                       |
     T875             |      T886             |    --- V019   ---
     Y600 -Y849       |      Y400 -Y849   *   |
     Y881             |      Y881             |      G400 -G419
     Y883             |      Y883             |      V019
                      |                       |
   --- T876  ---      |    --- T887  ---      |    --- V020   ---
                      |                       |
     T876             |      T887             |      G400 -G419
     Y600 -Y849       |      Y400 -Y849   *   |      V020
     Y881             |      Y881             |
     Y883             |      Y883             |    --- V021   ---
                      |                       |
                      |                       |      G400 -G419
                      |                       |      V021
                 |                       |
                        D-398   (10-04)
```

```
--- V029 ---      |    --- V061 ---     |    --- V105  ---
                  |      CONTINUED      |
  G400 -G419      |      V061           |     G400 -G419
  V029            |                     |     V105
                  |    --- V069 ---     |
--- V030 ---      |                     |    --- V109  ---
                  |     G400 -G419      |
  G400 -G419      |     V069            |     G400 -G419
  V030            |                     |     V109
                  |    --- V090 ---     |
--- V031 ---      |                     |    --- V110  ---
                  |     G400 -G419      |
  G400 -G419      |     V090            |     G400 -G419
  V031            |                     |     V110
                  |    --- V091 ---     |
--- V039 ---      |                     |    --- V111  ---
                  |     G400 -G419      |
  G400 -G419      |     V091            |     G400 -G419
  V039            |                     |     V111
                  |    --- V092 ---     |
--- V040 ---      |                     |    --- V112  ---
                  |     G400 -G419      |
  G400 -G419      |     V092            |     G400 -G419
  V040            |                     |     V112
                  |    --- V093 ---     |
--- V041 ---      |                     |    --- V113  ---
                  |     G400 -G419      |
  G400 -G419      |     V093            |     G400 -G419
  V041            |                     |     V113
                  |    --- V099 ---     |
--- V049 ---      |                     |    --- V114  ---
                  |     G400 -G419      |
  G400 -G419      |     V099            |     G400 -G419
  V049            |                     |     V114
                  |    --- V100 ---     |
--- V050 ---      |                     |    --- V115  ---
                  |     G400 -G419      |
  G400 -G419      |     V100            |     G400 -G419
  V050            |                     |     V115
                  |    --- V101 ---     |
--- V051 ---      |                     |    --- V119  ---
                  |     G400 -G419      |
  G400 -G419      |     V101            |     G400 -G419
  V051            |                     |     V119
                  |    --- V102 ---     |
--- V059 ---      |                     |    --- V120  ---
                  |     G400 -G419      |
  G400 -G419      |     V102            |     G400 -G419
  V059            |                     |     V120
                  |    --- V103 ---     |
--- V060 ---      |                     |    --- V121  ---
                  |     G400 -G419      |
  G400 -G419      |     V103            |     G400 -G419
  V060            |                     |     V121
                  |    --- V104 ---     |
--- V061 ---      |                     |    --- V122  ---
                  |     G400 -G419      |
  G400 -G419      |     V104            |     G400 -G419
```

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                            TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

  --- V122  ---       |     --- V140  ---       |     --- V154  ---
    CONTINUED         |                         |       CONTINUED
   V122              |      G400 -G419         |      V154
                      |      V140               |
  --- V123  ---       |                         |     --- V155  ---
                      |     --- V141  ---       |
   G400 -G419         |                         |      G400 -G419
   V123              |      G400 -G419         |      V155
                      |      V141               |
  --- V124  ---       |                         |     --- V159  ---
                      |     --- V142  ---       |
   G400 -G419         |                         |      G400 -G419
   V124              |      G400 -G419         |      V159
                      |      V142               |
  --- V125  ---       |                         |     --- V160  ---
                      |     --- V143  ---       |
   G400 -G419         |                         |      G400 -G419
   V125              |      G400 -G419         |      V160
                      |      V143               |
  --- V129  ---       |                         |     --- V161  ---
                      |     --- V144  ---       |
   G400 -G419         |                         |      G400 -G419
   V129              |      G400 -G419         |      V161
                      |      V144               |
  --- V130  ---       |                         |     --- V162  ---
                      |     --- V145  ---       |
   G400 -G419         |                         |      G400 -G419
   V130              |      G400 -G419         |      V162
                      |      V145               |
  --- V131  ---       |                         |     --- V163  ---
                      |     --- V149  ---       |
   G400 -G419         |                         |      G400 -G419
   V131              |      G400 -G419         |      V163
                      |      V149               |
  --- V132  ---       |                         |     --- V164  ---
                      |     --- V150  ---       |
   G400 -G419         |                         |      G400 -G419
   V132              |      G400 -G419         |      V164
                      |      V150               |
  --- V133  ---       |                         |     --- V165  ---
                      |     --- V151  ---       |
   G400 -G419         |                         |      G400 -G419
   V133              |      G400 -G419         |      V165
                      |      V151               |
  --- V134  ---       |                         |     --- V169  ---
                      |     --- V152  ---       |
   G400 -G419         |                         |      G400 -G419
   V134              |      G400 -G419         |      V169
                      |      V152               |
  --- V135  ---       |                         |     --- V170  ---
                      |     --- V153  ---       |
   G400 -G419         |                         |      G400 -G419
   V135              |      G400 -G419         |      V170
                      |      V153               |
  --- V139  ---       |                         |     --- V171  ---
                      |     --- V154  ---       |
   G400 -G419         |                         |      G400 -G419
   V139              |      G400 -G419         |      V171
```

```
--- V172 ---      |      --- V189 ---      |      --- V202 ---
                  |        CONTINUED        |
  G400 -G419      |        V189            |      G400 -G419
  V172            |                         |      V202
                  |      --- V190 ---      |
--- V173 ---      |                         |      --- V203 ---
                  |        G400 -G419      |
  G400 -G419      |        V190            |      G400 -G419
  V173            |                         |      V203
                  |      --- V191 ---      |
--- V174 ---      |                         |      --- V204 ---
                  |        G400 -G419      |
  G400 -G419      |        V191            |      G400 -G419
  V174            |                         |      V204
                  |      --- V192 ---      |
--- V175 ---      |                         |      --- V205 ---
                  |        G400 -G419      |
  G400 -G419      |        V192            |      G400 -G419
  V175            |                         |      V205
                  |      --- V193 ---      |
--- V179 ---      |                         |      --- V209 ---
                  |        G400 -G419      |
  G400 -G419      |        V193            |      G400 -G419
  V179            |                         |      V209
                  |      --- V194 ---      |
--- V180 ---      |                         |      --- V210 ---
                  |        G400 -G419      |
  G400 -G419      |        V194            |      G400 -G419
  V180            |                         |      V210
                  |      --- V195 ---      |
--- V181 ---      |                         |      --- V211 ---
                  |        G400 -G419      |
  G400 -G419      |        V195            |      G400 -G419
  V181            |                         |      V211
                  |      --- V196 ---      |
--- V182 ---      |                         |      --- V212 ---
                  |        G400 -G419      |
  G400 -G419      |        V196            |      G400 -G419
  V182            |                         |      V212
                  |      --- V198 ---      |
--- V183 ---      |                         |      --- V213 ---
                  |        G400 -G419      |
  G400 -G419      |        V198            |      G400 -G419
  V183            |                         |      V213
                  |      --- V199 ---      |
--- V184 ---      |                         |      --- V214 ---
                  |        G400 -G419      |
  G400 -G419      |        V199            |      G400 -G419
  V184            |                         |      V214
                  |      --- V200 ---      |
--- V185 ---      |                         |      --- V215 ---
                  |        G400 -G419      |
  G400 -G419      |        V200            |      G400 -G419
  V185            |                         |      V215
                  |      --- V201 ---      |
--- V189 ---      |                         |      --- V219 ---
                  |        G400 -G419      |
  G400 -G419      |        V201            |      G400 -G419
```

```
--- V219  ---      |    --- V234  ---      |    --- V251  ---
  CONTINUED        |                       |      CONTINUED
  V219             |     G400 -G419        |      V251
                   |     V234              |
--- V220  ---      |                       |    --- V252  ---
                   |    --- V235  ---      |
  G400 -G419       |                       |     G400 -G419
  V220             |     G400 -G419        |     V252
                   |     V235              |
--- V221  ---      |                       |    --- V253  ---
                   |    --- V239  ---      |
  G400 -G419       |                       |     G400 -G419
  V221             |     G400 -G419        |     V253
                   |     V239              |
--- V222  ---      |                       |    --- V254  ---
                   |    --- V240  ---      |
  G400 -G419       |                       |     G400 -G419
  V222             |     G400 -G419        |     V254
                   |     V240              |
--- V223  ---      |                       |    --- V255  ---
                   |    --- V241  ---      |
  G400 -G419       |                       |     G400 -G419
  V223             |     G400 -G419        |     V255
                   |     V241              |
--- V224  ---      |                       |    --- V259  ---
                   |    --- V242  ---      |
  G400 -G419       |                       |     G400 -G419
  V224             |     G400 -G419        |     V259
                   |     V242              |
--- V225  ---      |                       |    --- V260  ---
                   |    --- V243  ---      |
  G400 -G419       |                       |     G400 -G419
  V225             |     G400 -G419        |     V260
                   |     V243              |
--- V229  ---      |                       |    --- V261  ---
                   |    --- V244  ---      |
  G400 -G419       |                       |     G400 -G419
  V229             |     G400 -G419        |     V261
                   |     V244              |
--- V230  ---      |                       |    --- V262  ---
                   |    --- V245  ---      |
  G400 -G419       |                       |     G400 -G419
  V230             |     G400 -G419        |     V262
                   |     V245              |
--- V231  ---      |                       |    --- V263  ---
                   |    --- V249  ---      |
  G400 -G419       |                       |     G400 -G419
  V231             |     G400 -G419        |     V263
                   |     V249              |
--- V232  ---      |                       |    --- V264  ---
                   |    --- V250  ---      |
  G400 -G419       |                       |     G400 -G419
  V232             |     G400 -G419        |     V264
                   |     V250              |
--- V233  ---      |                       |    --- V265  ---
                   |    --- V251  ---      |
  G400 -G419       |                       |     G400 -G419
  V233             |     G400 -G419        |     V265
```

--- V269 ---	--- V283 ---	--- V299 ---
	CONTINUED	
G400 -G419	V283	G400 -G419
V269		V299
	--- V284 ---	
--- V270 ---		--- V300 ---
	G400 -G419	
G400 -G419	V284	G400 -G419
V270		V300
	--- V285 ---	
--- V271 ---		--- V301 ---
	G400 -G419	
G400 -G419	V285	G400 -G419
V271		V301
	--- V289 ---	
--- V272 ---		--- V302 ---
	G400 -G419	
G400 -G419	V289	G400 -G419
V272		V302
	--- V290 ---	
--- V273 ---		--- V303 ---
	G400 -G419	
G400 -G419	V290	G400 -G419
V273		V303
	--- V291 ---	
--- V274 ---		--- V304 ---
	G400 -G419	
G400 -G419	V291	G400 -G419
V274		V304
	--- V292 ---	
--- V275 ---		--- V305 ---
	G400 -G419	
G400 -G419	V292	G400 -G419
V275		V305
	--- V293 ---	
--- V279 ---		--- V306 ---
	G400 -G419	
G400 -G419	V293	G400 -G419
V279		V306
	--- V294 ---	
--- V280 ---		--- V307 ---
	G400 -G419	
G400 -G419	V294	G400 -G419
V280		V307
	--- V295 ---	
--- V281 ---		--- V309 ---
	G400 -G419	
G400 -G419	V295	G400 -G419
V281		V309
	--- V296 ---	
--- V282 ---		--- V310 ---
	G400 -G419	
G400 -G419	V296	G400 -G419
V282		V310
	--- V298 ---	
--- V283 ---		--- V311 ---
	G400 -G419	
G400 -G419	V298	G400 -G419

```
                             TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

   --- V311  ---      |    --- V324  ---      |    --- V336  ---
     CONTINUED        |                       |      CONTINUED
     V311            |     G400 -G419         |     V336
                      |     V324              |
   --- V312  ---      |                       |    --- V337  ---
                      |    --- V325  ---      |
     G400 -G419       |                       |     G400 -G419
     V312             |     G400 -G419        |     V337
                      |     V325              |
   --- V313  ---      |                       |    --- V339  ---
                      |    --- V326  ---      |
     G400 -G419       |                       |     G400 -G419
     V313             |     G400 -G419        |     V339
                      |     V326              |
   --- V314  ---      |                       |    --- V340  ---
                      |    --- V327  ---      |
     G400 -G419       |                       |     G400 -G419
     V314             |     G400 -G419        |     V340
                      |     V327              |
   --- V315  ---      |                       |    --- V341  ---
                      |    --- V329  ---      |
     G400 -G419       |                       |     G400 -G419
     V315             |     G400 -G419        |     V341
                      |     V329              |
   --- V316  ---      |                       |    --- V342  ---
                      |    --- V330  ---      |
     G400 -G419       |                       |     G400 -G419
     V316             |     G400 -G419        |     V342
                      |     V330              |
   --- V317  ---      |                       |    --- V343  ---
                      |    --- V331  ---      |
     G400 -G419       |                       |     G400 -G419
     V317             |     G400 -G419        |     V343
                      |     V331              |
   --- V319  ---      |                       |    --- V344  ---
                      |    --- V332  ---      |
     G400 -G419       |                       |     G400 -G419
     V319             |     G400 -G419        |     V344
                      |     V332              |
   --- V320  ---      |                       |    --- V345  ---
                      |    --- V333  ---      |
     G400 -G419       |                       |     G400 -G419
     V320             |     G400 -G419        |     V345
                      |     V333              |
   --- V321  ---      |                       |    --- V346  ---
                      |    --- V334  ---      |
     G400 -G419       |                       |     G400 -G419
     V321             |     G400 -G419        |     V346
                      |     V334              |
   --- V322  ---      |                       |    --- V347  ---
                      |    --- V335  ---      |
     G400 -G419       |                       |     G400 -G419
     V322             |     G400 -G419        |     V347
                      |     V335              |
   --- V323  ---      |                       |    --- V349  ---
                      |    --- V336  ---      |
     G400 -G419       |                       |     G400 -G419
     V323             |     G400 -G419        |     V349
                      |     V336              |
```

--- V350 ---	--- V362 ---	--- V375 ---
	CONTINUED	
G400 -G419	V362	G400 -G419
V350		V375
	--- V363 ---	
--- V351 ---		--- V376 ---
	G400 -G419	
G400 -G419	V363	G400 -G419
V351		V376
	--- V364 ---	
--- V352 ---		--- V377 ---
	G400 -G419	
G400 -G419	V364	G400 -G419
V352		V377
	--- V365 ---	
--- V353 ---		--- V379 ---
	G400 -G419	
G400 -G419	V365	G400 -G419
V353		V379
	--- V366 ---	
--- V354 ---		--- V380 ---
	G400 -G419	
G400 -G419	V366	G400 -G419
V354		V380
	--- V367 ---	
--- V355 ---		--- V381 ---
	G400 -G419	
G400 -G419	V367	G400 -G419
V355		V381
	--- V369 ---	
--- V356 ---		--- V382 ---
	G400 -G419	
G400 -G419	V369	G400 -G419
V356		V382
	--- V370 ---	
--- V357 ---		--- V383 ---
	G400 -G419	
G400 -G419	V370	G400 -G419
V357		V383
	--- V371 ---	
--- V359 ---		--- V384 ---
	G400 -G419	
G400 -G419	V371	G400 -G419
V359		V384
	--- V372 ---	
--- V360 ---		--- V385 ---
	G400 -G419	
G400 -G419	V372	G400 -G419
V360		V385
	--- V373 ---	
--- V361 ---		--- V386 ---
	G400 -G419	
G400 -G419	V373	G400 -G419
V361		V386
	--- V374 ---	
--- V362 ---		--- V387 ---
	G400 -G419	
G400 -G419	V374	G400 -G419

```
                          TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

   --- V387  ---      |    --- V401  ---      |    --- V413  ---
     CONTINUED        |                       |      CONTINUED
     V387             |     G400 -G419        |      V413
                      |     V401              |
   --- V389  ---      |                       |    --- V414  ---
                      |    --- V402  ---      |
     G400 -G419       |                       |     G400 -G419
     V389             |     G400 -G419        |     V414
                      |     V402              |
   --- V390  ---      |                       |    --- V415  ---
                      |    --- V403  ---      |
     G400 -G419       |                       |     G400 -G419
     V390             |     G400 -G419        |     V415
                      |     V403              |
   --- V391  ---      |                       |    --- V416  ---
                      |    --- V404  ---      |
     G400 -G419       |                       |     G400 -G419
     V391             |     G400 -G419        |     V416
                      |     V404              |
   --- V392  ---      |                       |    --- V417  ---
                      |    --- V405  ---      |
     G400 -G419       |                       |     G400 -G419
     V392             |     G400 -G419        |     V417
                      |     V405              |
   --- V393  ---      |                       |    --- V419  ---
                      |    --- V406  ---      |
     G400 -G419       |                       |     G400 -G419
     V393             |     G400 -G419        |     V419
                      |     V406              |
   --- V394  ---      |                       |    --- V420  ---
                      |    --- V407  ---      |
     G400 -G419       |                       |     G400 -G419
     V394             |     G400 -G419        |     V420
                      |     V407              |
   --- V395  ---      |                       |    --- V421  ---
                      |    --- V409  ---      |
     G400 -G419       |                       |     G400 -G419
     V395             |     G400 -G419        |     V421
                      |     V409              |
   --- V396  ---      |                       |    --- V422  ---
                      |    --- V410  ---      |
     G400 -G419       |                       |     G400 -G419
     V396             |     G400 -G419        |     V422
                      |     V410              |
   --- V398  ---      |                       |    --- V423  ---
                      |    --- V411  ---      |
     G400 -G419       |                       |     G400 -G419
     V398             |     G400 -G419        |     V423
                      |     V411              |
   --- V399  ---      |                       |    --- V424  ---
                      |    --- V412  ---      |
     G400 -G419       |                       |     G400 -G419
     V399             |     G400 -G419        |     V424
                      |     V412              |
   --- V400  ---      |                       |    --- V425  ---
                      |    --- V413  ---      |
     G400 -G419       |                       |     G400 -G419
     V400             |     G400 -G419        |     V425
```

--- V426 ---	--- V439 ---	--- V452 ---
	CONTINUED	
G400 -G419	V439	G400 -G419
V426		V452
	--- V440 ---	
--- V427 ---		--- V453 ---
	G400 -G419	
G400 -G419	V440	G400 -G419
V427		V453
	--- V441 ---	
--- V429 ---		--- V454 ---
	G400 -G419	
G400 -G419	V441	G400 -G419
V429		V454
	--- V442 ---	
--- V430 ---		--- V455 ---
	G400 -G419	
G400 -G419	V442	G400 -G419
V430		V455
	--- V443 ---	
--- V431 ---		--- V456 ---
	G400 -G419	
G400 -G419	V443	G400 -G419
V431		V456
	--- V444 ---	
--- V432 ---		--- V457 ---
	G400 -G419	
G400 -G419	V444	G400 -G419
V432		V457
	--- V445 ---	
--- V433 ---		--- V459 ---
	G400 -G419	
G400 -G419	V445	G400 -G419
V433		V459
	--- V446 ---	
--- V434 ---		--- V460 ---
	G400 -G419	
G400 -G419	V446	G400 -G419
V434		V460
	--- V447 ---	
--- V435 ---		--- V461 ---
	G400 -G419	
G400 -G419	V447	G400 -G419
V435		V461
	--- V449 ---	
--- V436 ---		--- V462 ---
	G400 -G419	
G400 -G419	V449	G400 -G419
V436		V462
	--- V450 ---	
--- V437 ---		--- V463 ---
	G400 -G419	
G400 -G419	V450	G400 -G419
V437		V463
	--- V451 ---	
--- V439 ---		--- V464 ---
	G400 -G419	
G400 -G419	V451	G400 -G419

```
                            TABLE D
        CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

   --- V464  ---      |     --- V477  ---     |     --- V490  ---
     CONTINUED        |                       |       CONTINUED
    V464             |      G400 -G419        |      V490
                      |      V477             |
   --- V465  ---      |                       |     --- V491  ---
                      |     --- V479  ---     |
    G400 -G419        |                       |      G400 -G419
    V465              |      G400 -G419       |      V491
                      |      V479             |
   --- V466  ---      |                       |     --- V492  ---
                      |     --- V480  ---     |
    G400 -G419        |                       |      G400 -G419
    V466              |      G400 -G419       |      V492
                      |      V480             |
   --- V467  ---      |                       |     --- V493  ---
                      |     --- V481  ---     |
    G400 -G419        |                       |      G400 -G419
    V467              |      G400 -G419       |      V493
                      |      V481             |
   --- V469  ---      |                       |     --- V494  ---
                      |     --- V482  ---     |
    G400 -G419        |                       |      G400 -G419
    V469              |      G400 -G419       |      V494
                      |      V482             |
   --- V470  ---      |                       |     --- V495  ---
                      |     --- V483  ---     |
    G400 -G419        |                       |      G400 -G419
    V470              |      G400 -G419       |      V495
                      |      V483             |
   --- V471  ---      |                       |     --- V496  ---
                      |     --- V484  ---     |
    G400 -G419        |                       |      G400 -G419
    V471              |      G400 -G419       |      V496
                      |      V484             |
   --- V472  ---      |                       |     --- V498  ---
                      |     --- V485  ---     |
    G400 -G419        |                       |      G400 -G419
    V472              |      G400 -G419       |      V498
                      |      V485             |
   --- V473  ---      |                       |     --- V499  ---
                      |     --- V486  ---     |
    G400 -G419        |                       |      G400 -G419
    V473              |      G400 -G419       |      V499
                      |      V486             |
   --- V474  ---      |                       |     --- V500  ---
                      |     --- V487  ---     |
    G400 -G419        |                       |      G400 -G419
    V474              |      G400 -G419       |      V500
                      |      V487             |
   --- V475  ---      |                       |     --- V501  ---
                      |     --- V489  ---     |
    G400 -G419        |                       |      G400 -G419
    V475              |      G400 -G419       |      V501
                      |      V489             |
   --- V476  ---      |                       |     --- V502  ---
                      |     --- V490  ---     |
    G400 -G419        |                       |      G400 -G419
    V476              |      G400 -G419       |      V502
```

```
--- V503  ---       |    --- V515  ---       |    --- V529  ---
                    |       CONTINUED        |
   G400 -G419       |       V515             |       G400 -G419
   V503             |                        |       V529
                    |    --- V516  ---       |
--- V504  ---       |                        |    --- V530  ---
                    |       G400 -G419       |
   G400 -G419       |       V516             |       G400 -G419
   V504             |                        |       V530
                    |    --- V517  ---       |
--- V505  ---       |                        |    --- V531  ---
                    |       G400 -G419       |
   G400 -G419       |       V517             |       G400 -G419
   V505             |                        |       V531
                    |    --- V519  ---       |
--- V506  ---       |                        |    --- V532  ---
                    |       G400 -G419       |
   G400 -G419       |       V519             |       G400 -G419
   V506             |                        |       V532
                    |    --- V520  ---       |
--- V507  ---       |                        |    --- V533  ---
                    |       G400 -G419       |
   G400 -G419       |       V520             |       G400 -G419
   V507             |                        |       V533
                    |    --- V521  ---       |
--- V509  ---       |                        |    --- V534  ---
                    |       G400 -G419       |
   G400 -G419       |       V521             |       G400 -G419
   V509             |                        |       V534
                    |    --- V522  ---       |
--- V510  ---       |                        |    --- V535  ---
                    |       G400 -G419       |
   G400 -G419       |       V522             |       G400 -G419
   V510             |                        |       V535
                    |    --- V523  ---       |
--- V511  ---       |                        |    --- V536  ---
                    |       G400 -G419       |
   G400 -G419       |       V523             |       G400 -G419
   V511             |                        |       V536
                    |    --- V524  ---       |
--- V512  ---       |                        |    --- V537  ---
                    |       G400 -G419       |
   G400 -G419       |       V524             |       G400 -G419
   V512             |                        |       V537
                    |    --- V525  ---       |
--- V513  ---       |                        |    --- V539  ---
                    |       G400 -G419       |
   G400 -G419       |       V525             |       G400 -G419
   V513             |                        |       V539
                    |    --- V526  ---       |
--- V514  ---       |                        |    --- V540  ---
                    |       G400 -G419       |
   G400 -G419       |       V526             |       G400 -G419
   V514             |                        |       V540
                    |    --- V527  ---       |
--- V515  ---       |                        |    --- V541  ---
                    |       G400 -G419       |
   G400 -G419       |       V527             |       G400 -G419
```

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                              TABLE D
          CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

    --- V541  ---      |    --- V554  ---      |    --- V566  ---
       CONTINUED       |                       |       CONTINUED
     V541              |     G400 -G419        |     V566
                       |     V554              |
    --- V542  ---      |                       |    --- V567  ---
                       |    --- V555  ---      |
     G400 -G419        |                       |     G400 -G419
     V542              |     G400 -G419        |     V567
                       |     V555              |
    --- V543  ---      |                       |    --- V569  ---
                       |    --- V556  ---      |
     G400 -G419        |                       |     G400 -G419
     V543              |     G400 -G419        |     V569
                       |     V556              |
    --- V544  ---      |                       |    --- V570  ---
                       |    --- V557  ---      |
     G400 -G419        |                       |     G400 -G419
     V544              |     G400 -G419        |     V570
                       |     V557              |
    --- V545  ---      |                       |    --- V571  ---
                       |    --- V559  ---      |
     G400 -G419        |                       |     G400 -G419
     V545              |     G400 -G419        |     V571
                       |     V559              |
    --- V546  ---      |                       |    --- V572  ---
                       |    --- V560  ---      |
     G400 -G419        |                       |     G400 -G419
     V546              |     G400 -G419        |     V572
                       |     V560              |
    --- V547  ---      |                       |    --- V573  ---
                       |    --- V561  ---      |
     G400 -G419        |                       |     G400 -G419
     V547              |     G400 -G419        |     V573
                       |     V561              |
    --- V549  ---      |                       |    --- V574  ---
                       |    --- V562  ---      |
     G400 -G419        |                       |     G400 -G419
     V549              |     G400 -G419        |     V574
                       |     V562              |
    --- V550  ---      |                       |    --- V575  ---
                       |    --- V563  ---      |
     G400 -G419        |                       |     G400 -G419
     V550              |     G400 -G419        |     V575
                       |     V563              |
    --- V551  ---      |                       |    --- V576  ---
                       |    --- V564  ---      |
     G400 -G419        |                       |     G400 -G419
     V551              |     G400 -G419        |     V576
                       |     V564              |
    --- V552  ---      |                       |    --- V577  ---
                       |    --- V565  ---      |
     G400 -G419        |                       |     G400 -G419
     V552              |     G400 -G419        |     V577
                       |     V565              |
    --- V553  ---      |                       |    --- V579  ---
                       |    --- V566  ---      |
     G400 -G419        |                       |     G400 -G419
     V553              |     G400 -G419        |     V579
                       |     V566              |
```

--- V580 ---	--- V592 ---	--- V605 ---
	CONTINUED	
G400 -G419	V592	G400 -G419
V580		V605
	--- V593 ---	
--- V581 ---		--- V606 ---
	G400 -G419	
G400 -G419	V593	G400 -G419
V581		V606
	--- V594 ---	
--- V582 ---		--- V607 ---
	G400 -G419	
G400 -G419	V594	G400 -G419
V582		V607
	--- V595 ---	
--- V583 ---		--- V609 ---
	G400 -G419	
G400 -G419	V595	G400 -G419
V583		V609
	--- V596 ---	
--- V584 ---		--- V610 ---
	G400 -G419	
G400 -G419	V596	G400 -G419
V584		V610
	--- V598 ---	
--- V585 ---		--- V611 ---
	G400 -G419	
G400 -G419	V598	G400 -G419
V585		V611
	--- V599 ---	
--- V586 ---		--- V612 ---
	G400 -G419	
G400 -G419	V599	G400 -G419
V586		V612
	--- V600 ---	
--- V587 ---		--- V613 ---
	G400 -G419	
G400 -G419	V600	G400 -G419
V587		V613
	--- V601 ---	
--- V589 ---		--- V614 ---
	G400 -G419	
G400 -G419	V601	G400 -G419
V589		V614
	--- V602 ---	
--- V590 ---		--- V615 ---
	G400 -G419	
G400 -G419	V602	G400 -G419
V590		V615
	--- V603 ---	
--- V591 ---		--- V616 ---
	G400 -G419	
G400 -G419	V603	G400 -G419
V591		V616
	--- V604 ---	
--- V592 ---		--- V617 ---
	G400 -G419	
G400 -G419	V604	G400 -G419

```
                        TABLE D
     CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

   --- V617  ---      |     --- V631  ---     |     --- V643  ---
     CONTINUED        |                       |       CONTINUED
    V617              |    G400 -G419         |      V643
                      |    V631               |
   --- V619  ---      |                       |     --- V644  ---
                      |     --- V632  ---     |
    G400 -G419        |                       |      G400 -G419
    V619              |    G400 -G419         |      V644
                      |    V632               |
   --- V620  ---      |                       |     --- V645  ---
                      |     --- V633  ---     |
    G400 -G419        |                       |      G400 -G419
    V620              |    G400 -G419         |      V645
                      |    V633               |
   --- V621  ---      |                       |     --- V646  ---
                      |     --- V634  ---     |
    G400 -G419        |                       |      G400 -G419
    V621              |    G400 -G419         |      V646
                      |    V634               |
   --- V622  ---      |                       |     --- V647  ---
                      |     --- V635  ---     |
    G400 -G419        |                       |      G400 -G419
    V622              |    G400 -G419         |      V647
                      |    V635               |
   --- V623  ---      |                       |     --- V649  ---
                      |     --- V636  ---     |
    G400 -G419        |                       |      G400 -G419
    V623              |    G400 -G419         |      V649
                      |    V636               |
   --- V624  ---      |                       |     --- V650  ---
                      |     --- V637  ---     |
    G400 -G419        |                       |      G400 -G419
    V624              |    G400 -G419         |      V650
                      |    V637               |
   --- V625  ---      |                       |     --- V651  ---
                      |     --- V639  ---     |
    G400 -G419        |                       |      G400 -G419
    V625              |    G400 -G419         |      V651
                      |    V639               |
   --- V626  ---      |                       |     --- V652  ---
                      |     --- V640  ---     |
    G400 -G419        |                       |      G400 -G419
    V626              |    G400 -G419         |      V652
                      |    V640               |
   --- V627  ---      |                       |     --- V653  ---
                      |     --- V641  ---     |
    G400 -G419        |                       |      G400 -G419
    V627              |    G400 -G419         |      V653
                      |    V641               |
   --- V629  ---      |                       |     --- V654  ---
                      |     --- V642  ---     |
    G400 -G419        |                       |      G400 -G419
    V629              |    G400 -G419         |      V654
                      |    V642               |
   --- V630  ---      |                       |     --- V655  ---
                      |     --- V643  ---     |
    G400 -G419        |                       |      G400 -G419
    V630              |    G400 -G419         |      V655
```

```
   --- V656  ---       |     --- V669  ---      |     --- V682  ---
                       |        CONTINUED       |
    G400 -G419         |        V669            |      G400 -G419
    V656               |                        |      V682
                       |     --- V670  ---      |
   --- V657  ---       |                        |     --- V683  ---
                       |      G400 -G419        |
    G400 -G419         |      V670              |      G400 -G419
    V657               |                        |      V683
                       |     --- V671  ---      |
   --- V659  ---       |                        |     --- V684  ---
                       |      G400 -G419        |
    G400 -G419         |      V671              |      G400 -G419
    V659               |                        |      V684
                       |     --- V672  ---      |
   --- V660  ---       |                        |     --- V685  ---
                       |      G400 -G419        |
    G400 -G419         |      V672              |      G400 -G419
    V660               |                        |      V685
                       |     --- V673  ---      |
   --- V661  ---       |                        |     --- V686  ---
                       |      G400 -G419        |
    G400 -G419         |      V673              |      G400 -G419
    V661               |                        |      V686
                       |     --- V674  ---      |
   --- V662  ---       |                        |     --- V687  ---
                       |      G400 -G419        |
    G400 -G419         |      V674              |      G400 -G419
    V662               |                        |      V687
                       |     --- V675  ---      |
   --- V663  ---       |                        |     --- V689  ---
                       |      G400 -G419        |
    G400 -G419         |      V675              |      G400 -G419
    V663               |                        |      V689
                       |     --- V676  ---      |
   --- V664  ---       |                        |     --- V690  ---
                       |      G400 -G419        |
    G400 -G419         |      V676              |      G400 -G419
    V664               |                        |      V690
                       |     --- V677  ---      |
   --- V665  ---       |                        |     --- V691  ---
                       |      G400 -G419        |
    G400 -G419         |      V677              |      G400 -G419
    V665               |                        |      V691
                       |     --- V679  ---      |
   --- V666  ---       |                        |     --- V692  ---
                       |      G400 -G419        |
    G400 -G419         |      V679              |      G400 -G419
    V666               |                        |      V692
                       |     --- V680  ---      |
   --- V667  ---       |                        |     --- V693  ---
                       |      G400 -G419        |
    G400 -G419         |      V680              |      G400 -G419
    V667               |                        |      V693
                       |     --- V681  ---      |
   --- V669  ---       |                        |     --- V694  ---
                       |      G400 -G419        |
    G400 -G419         |      V681              |      G400 -G419
```

```
--- V694 ---        |    --- V707 ---        |    --- V720 ---
   CONTINUED        |                        |       CONTINUED
   V694             |     G400 -G419         |       V720
                    |     V707               |
--- V695 ---        |                        |    --- V721 ---
                    |    --- V709 ---        |
   G400 -G419       |                        |     G400 -G419
   V695             |     G400 -G419         |     V721
                    |     V709               |
--- V696 ---        |                        |    --- V722 ---
                    |    --- V710 ---        |
   G400 -G419       |                        |     G400 -G419
   V696             |     G400 -G419         |     V722
                    |     V710               |
--- V698 ---        |                        |    --- V723 ---
                    |    --- V711 ---        |
   G400 -G419       |                        |     G400 -G419
   V698             |     G400 -G419         |     V723
                    |     V711               |
--- V699 ---        |                        |    --- V724 ---
                    |    --- V712 ---        |
   G400 -G419       |                        |     G400 -G419
   V699             |     G400 -G419         |     V724
                    |     V712               |
--- V700 ---        |                        |    --- V725 ---
                    |    --- V713 ---        |
   G400 -G419       |                        |     G400 -G419
   V700             |     G400 -G419         |     V725
                    |     V713               |
--- V701 ---        |                        |    --- V726 ---
                    |    --- V714 ---        |
   G400 -G419       |                        |     G400 -G419
   V701             |     G400 -G419         |     V726
                    |     V714               |
--- V702 ---        |                        |    --- V727 ---
                    |    --- V715 ---        |
   G400 -G419       |                        |     G400 -G419
   V702             |     G400 -G419         |     V727
                    |     V715               |
--- V703 ---        |                        |    --- V729 ---
                    |    --- V716 ---        |
   G400 -G419       |                        |     G400 -G419
   V703             |     G400 -G419         |     V729
                    |     V716               |
--- V704 ---        |                        |    --- V730 ---
                    |    --- V717 ---        |
   G400 -G419       |                        |     G400 -G419
   V704             |     G400 -G419         |     V730
                    |     V717               |
--- V705 ---        |                        |    --- V731 ---
                    |    --- V719 ---        |
   G400 -G419       |                        |     G400 -G419
   V705             |     G400 -G419         |     V731
                    |     V719               |
--- V706 ---        |                        |    --- V732 ---
                    |    --- V720 ---        |
   G400 -G419       |                        |     G400 -G419
   V706             |     G400 -G419         |     V732
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

--- V733 ---		--- V745 ---		--- V759 ---
		CONTINUED		
G400 -G419		V745		G400 -G419
V733				V759
		--- V746 ---		
--- V734 ---				--- V760 ---
		G400 -G419		
G400 -G419		V746		G400 -G419
V734				V760
		--- V747 ---		
--- V735 ---				--- V761 ---
		G400 -G419		
G400 -G419		V747		G400 -G419
V735				V761
		--- V749 ---		
--- V736 ---				--- V762 ---
		G400 -G419		
G400 -G419		V749		G400 -G419
V736				V762
		--- V750 ---		
--- V737 ---				--- V763 ---
		G400 -G419		
G400 -G419		V750		G400 -G419
V737				V763
		--- V751 ---		
--- V739 ---				--- V764 ---
		G400 -G419		
G400 -G419		V751		G400 -G419
V739				V764
		--- V752 ---		
--- V740 ---				--- V765 ---
		G400 -G419		
G400 -G419		V752		G400 -G419
V740				V765
		--- V753 ---		
--- V741 ---				--- V766 ---
		G400 -G419		
G400 -G419		V753		G400 -G419
V741				V766
		--- V754 ---		
--- V742 ---				--- V767 ---
		G400 -G419		
G400 -G419		V754		G400 -G419
V742				V767
		--- V755 ---		
--- V743 ---				--- V769 ---
		G400 -G419		
G400 -G419		V755		G400 -G419
V743				V769
		--- V756 ---		
--- V744 ---				--- V770 ---
		G400 -G419		
G400 -G419		V756		G400 -G419
V744				V770
		--- V757 ---		
--- V745 ---				--- V771 ---
		G400 -G419		
G400 -G419		V757		G400 -G419

```
--- V771  ---       |   --- V784  ---      |   --- V796  ---
  CONTINUED          |                     |     CONTINUED
 V771                |   G400 -G419        |    V796
                     |   V784              |
--- V772  ---       |                      |   --- V798  ---
                     |   --- V785  ---      |
 G400 -G419          |                     |    G400 -G419
 V772                |   G400 -G419        |    V798
                     |   V785              |
--- V773  ---       |                      |   --- V799  ---
                     |   --- V786  ---      |
 G400 -G419          |                     |    G400 -G419
 V773                |   G400 -G419        |    V799
                     |   V786              |
--- V774  ---       |                      |   --- V800  ---
                     |   --- V787  ---      |
 G400 -G419          |                     |    G400 -G419
 V774                |   G400 -G419        |    V800
                     |   V787              |
--- V775  ---       |                      |   --- V801  ---
                     |   --- V789  ---      |
 G400 -G419          |                     |    G400 -G419
 V775                |   G400 -G419        |    V801
                     |   V789              |
--- V776  ---       |                      |   --- V802  ---
                     |   --- V790  ---      |
 G400 -G419          |                     |    G400 -G419
 V776                |   G400 -G419        |    V802
                     |   V790              |
--- V777  ---       |                      |   --- V803  ---
                     |   --- V791  ---      |
 G400 -G419          |                     |    G400 -G419
 V777                |   G400 -G419        |    V803
                     |   V791              |
--- V779  ---       |                      |   --- V804  ---
                     |   --- V792  ---      |
 G400 -G419          |                     |    G400 -G419
 V779                |   G400 -G419        |    V804
                     |   V792              |
--- V780  ---       |                      |   --- V805  ---
                     |   --- V793  ---      |
 G400 -G419          |                     |    G400 -G419
 V780                |   G400 -G419        |    V805
                     |   V793              |
--- V781  ---       |                      |   --- V806  ---
                     |   --- V794  ---      |
 G400 -G419          |                     |    G400 -G419
 V781                |   G400 -G419        |    V806
                     |   V794              |
--- V782  ---       |                      |   --- V807  ---
                     |   --- V795  ---      |
 G400 -G419          |                     |    G400 -G419
 V782                |   G400 -G419        |    V807
                     |   V795              |
--- V783  ---       |                      |   --- V808  ---
                     |   --- V796  ---      |
 G400 -G419          |                     |    G400 -G419
 V783                |   G400 -G419        |    V808
```

```
--- V809 ---       |      --- V820 ---       |      --- V832 ---
                   |        CONTINUED        |
   G400 -G419      |        V820             |        G400 -G419
   V809            |                         |        V832
                   |      --- V821 ---       |
--- V810 ---       |                         |      --- V833 ---
                   |        G400 -G419       |
   G400 -G419      |        V821             |        G400 -G419
   V810            |                         |        V833
                   |      --- V822 ---       |
--- V811 ---       |                         |      --- V834 ---
                   |        G400 -G419       |
   G400 -G419      |        V822             |        G400 -G419
   V811            |                         |        V834
                   |      --- V823 ---       |
--- V812 ---       |                         |      --- V835 ---
                   |        G400 -G419       |
   G400 -G419      |        V823             |        G400 -G419
   V812            |                         |        V835
                   |      --- V824 ---       |
--- V813 ---       |                         |      --- V836 ---
                   |        G400 -G419       |
   G400 -G419      |        V824             |        G400 -G419
   V813            |                         |        V836
                   |      --- V825 ---       |
--- V814 ---       |                         |      --- V837 ---
                   |        G400 -G419       |
   G400 -G419      |        V825             |        G400 -G419
   V814            |                         |        V837
                   |      --- V826 ---       |
--- V815 ---       |                         |      --- V839 ---
                   |        G400 -G419       |
   G400 -G419      |        V826             |        G400 -G419
   V815            |                         |        V839
                   |      --- V827 ---       |
--- V816 ---       |                         |      --- V840 ---
                   |        G400 -G419       |
   G400 -G419      |        V827             |        G400 -G419
   V816            |                         |        V840
                   |      --- V828 ---       |
--- V817 ---       |                         |      --- V841 ---
                   |        G400 -G419       |
   G400 -G419      |        V828             |        G400 -G419
   V817            |                         |        V841
                   |      --- V829 ---       |
--- V818 ---       |                         |      --- V842 ---
                   |        G400 -G419       |
   G400 -G419      |        V829             |        G400 -G419
   V818            |                         |        V842
                   |      --- V830 ---       |
--- V819 ---       |                         |      --- V843 ---
                   |        G400 -G419       |
   G400 -G419      |        V830             |        G400 -G419
   V819            |                         |        V843
                   |      --- V831 ---       |
--- V820 ---       |                         |      --- V844 ---
                   |        G400 -G419       |
   G400 -G419      |        V831             |        G400 -G419
```

```
                          TABLE D
       CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

 --- V844  ---      |   --- V857  ---      |   --- V870  ---
   CONTINUED        |                      |     CONTINUED
  V844              |    G400 -G419        |    V870
                    |    V857              |
 --- V845  ---      |                      |   --- V871  ---
                    |   --- V859  ---      |
   G400 -G419       |                      |    G400 -G419
   V845             |    G400 -G419        |    V871
                    |    V859              |
 --- V846  ---      |                      |   --- V872  ---
                    |   --- V860  ---      |
   G400 -G419       |                      |    G400 -G419
   V846             |    G400 -G419        |    V872
                    |    V860              |
 --- V847  ---      |                      |   --- V873  ---
                    |   --- V861  ---      |
   G400 -G419       |                      |    G400 -G419
   V847             |    G400 -G419        |    V873
                    |    V861              |
 --- V849  ---      |                      |   --- V874  ---
                    |   --- V862  ---      |
   G400 -G419       |                      |    G400 -G419
   V849             |    G400 -G419        |    V874
                    |    V862              |
 --- V850  ---      |                      |   --- V875  ---
                    |   --- V863  ---      |
   G400 -G419       |                      |    G400 -G419
   V850             |    G400 -G419        |    V875
                    |    V863              |
 --- V851  ---      |                      |   --- V876  ---
                    |   --- V864  ---      |
   G400 -G419       |                      |    G400 -G419
   V851             |    G400 -G419        |    V876
                    |    V864              |
 --- V852  ---      |                      |   --- V877  ---
                    |   --- V865  ---      |
   G400 -G419       |                      |    G400 -G419
   V852             |    G400 -G419        |    V877
                    |    V865              |
 --- V853  ---      |                      |   --- V878  ---
                    |   --- V866  ---      |
   G400 -G419       |                      |    G400 -G419
   V853             |    G400 -G419        |    V878
                    |    V866              |
 --- V854  ---      |                      |   --- V879  ---
                    |   --- V867  ---      |
   G400 -G419       |                      |    G400 -G419
   V854             |    G400 -G419        |    V879
                    |    V867              |
 --- V855  ---      |                      |   --- V880  ---
                    |   --- V869  ---      |
   G400 -G419       |                      |    G400 -G419
   V855             |    G400 -G419        |    V880
                    |    V869              |
 --- V856  ---      |                      |   --- V881  ---
                    |   --- V870  ---      |
   G400 -G419       |                      |    G400 -G419
   V856             |    G400 -G419        |    V881
                    |    V870              |
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

```
--- V882  ---       |    --- V893  ---       |   --- V910   ---
                    |       CONTINUED        |
  G400 -G419        |     V893               |     G400 -G419
  V882              |                        |     V910
                    |    --- V899  ---       |
--- V883  ---       |                        |   --- V911   ---
                    |     G400 -G419         |
  G400 -G419        |     V899               |     G400 -G419
  V883              |                        |     V911
                    |    --- V900  ---       |
--- V884  ---       |                        |   --- V912   ---
                    |     G400 -G419         |
  G400 -G419        |     V900               |     G400 -G419
  V884              |                        |     V912
                    |    --- V901  ---       |
--- V885  ---       |                        |   --- V913   ---
                    |     G400 -G419         |
  G400 -G419        |     V901               |     G400 -G419
  V885              |                        |     V913
                    |    --- V902  ---       |
--- V886  ---       |                        |   --- V914   ---
                    |     G400 -G419         |
  G400 -G419        |     V902               |     G400 -G419
  V886              |                        |     V914
                    |    --- V903  ---       |
--- V887  ---       |                        |   --- V915   ---
                    |     G400 -G419         |
  G400 -G419        |     V903               |     G400 -G419
  V887              |                        |     V915
                    |    --- V904  ---       |
--- V888  ---       |                        |   --- V916   ---
                    |     G400 -G419         |
  G400 -G419        |     V904               |     G400 -G419
  V888              |                        |     V916
                    |    --- V905  ---       |
--- V889  ---       |                        |   --- V917   ---
                    |     G400 -G419         |
  G400 -G419        |     V905               |     G400 -G419
  V889              |                        |     V917
                    |    --- V906  ---       |
--- V890  ---       |                        |   --- V918   ---
                    |     G400 -G419         |
  G400 -G419        |     V906               |     G400 -G419
  V890              |                        |     V918
                    |    --- V907  ---       |
--- V891  ---       |                        |   --- V919   ---
                    |     G400 -G419         |
  G400 -G419        |     V907               |     G400 -G419
  V891              |                        |     V919
                    |    --- V908  ---       |
--- V892  ---       |                        |   --- V920   ---
                    |     G400 -G419         |
  G400 -G419        |     V908               |     G400 -G419
  V892              |                        |     V920
                    |    --- V909  ---       |
--- V893  ---       |                        |   --- V921   ---
                    |     G400 -G419         |
  G400 -G419        |     V909               |     G400 -G419
```

```
                              TABLE D
         CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

    --- V921  ---      |     --- V933  ---      |     --- V944  ---
      CONTINUED        |                        |       CONTINUED
      V921             |      G400 -G419        |       V944
                       |      V933              |
    --- V922  ---      |                        |     --- V945  ---
                       |     --- V934  ---      |
      G400 -G419       |                        |       G400 -G419
      V922             |      G400 -G419        |       V945
                       |      V934              |
    --- V923  ---      |                        |     --- V946  ---
                       |     --- V935  ---      |
      G400 -G419       |                        |       G400 -G419
      V923             |      G400 -G419        |       V946
                       |      V935              |
    --- V924  ---      |                        |     --- V947  ---
                       |     --- V936  ---      |
      G400 -G419       |                        |       G400 -G419
      V924             |      G400 -G419        |       V947
                       |      V936              |
    --- V925  ---      |                        |     --- V948  ---
                       |     --- V937  ---      |
      G400 -G419       |                        |       G400 -G419
      V925             |      G400 -G419        |       V948
                       |      V937              |
    --- V926  ---      |                        |     --- V949  ---
                       |     --- V938  ---      |
      G400 -G419       |                        |       G400 -G419
      V926             |      G400 -G419        |       V949
                       |      V938              |
    --- V927  ---      |                        |     --- V950  ---
                       |     --- V939  ---      |
      G400 -G419       |                        |       G400 -G419
      V927             |      G400 -G419        |       V950
                       |      V939              |
    --- V928  ---      |                        |     --- V951  ---
                       |     --- V940  ---      |
      G400 -G419       |                        |       G400 -G419
      V928             |      G400 -G419        |       V951
                       |      V940              |
    --- V929  ---      |                        |     --- V952  ---
                       |     --- V941  ---      |
      G400 -G419       |                        |       G400 -G419
      V929             |      G400 -G419        |       V952
                       |      V941              |
    --- V930  ---      |                        |     --- V953  ---
                       |     --- V942  ---      |
      G400 -G419       |                        |       G400 -G419
      V930             |      G400 -G419        |       V953
                       |      V942              |
    --- V931  ---      |                        |     --- V954  ---
                       |     --- V943  ---      |
      G400 -G419       |                        |       G400 -G419
      V931             |      G400 -G419        |       V954
                       |      V943              |
    --- V932  ---      |                        |     --- V958  ---
                       |     --- V944  ---      |
      G400 -G419       |                        |       G400 -G419
      V932             |      G400 -G419        |       V958
```

```
--- V959  ---      |    --- V98   ---      |    --- W10   ---
                   |       CONTINUED       |
 G400 -G419        |     V98               |     G400 -G419
 V959              |                       |     W10
                   |    --- V99   ---      |
--- V960  ---      |                       |    --- W11   ---
                   |     G400 -G419        |
 G400 -G419        |     V99               |     G400 -G419
 V960              |                       |     W11
                   |    --- W00   ---      |
--- V961  ---      |                       |    --- W12   ---
                   |     G400 -G419        |
 G400 -G419        |     W00               |     G400 -G419
 V961              |                       |     W12
                   |    --- W01   ---      |
--- V962  ---      |                       |    --- W13   ---
                   |     G400 -G419        |
 G400 -G419        |     W01               |     G400 -G419
 V962              |                       |     W13
                   |    --- W02   ---      |
--- V968  ---      |                       |    --- W14   ---
                   |     G400 -G419        |
 G400 -G419        |     W02               |     G400 -G419
 V968              |                       |     W14
                   |    --- W03   ---      |
--- V969  ---      |                       |    --- W15   ---
                   |     G400 -G419        |
 G400 -G419        |     W03               |     G400 -G419
 V969              |                       |     W15
                   |    --- W04   ---      |
--- V970  ---      |                       |    --- W16   ---
                   |     G400 -G419        |
 G400 -G419        |     W04               |     G400 -G419
 V970              |                       |     W16
                   |    --- W05   ---      |
--- V971  ---      |                       |    --- W17   ---
                   |     G400 -G419        |
 G400 -G419        |     W05               |     G400 -G419
 V971              |                       |     W17
                   |    --- W06   ---      |
--- V972  ---      |                       |    --- W18   ---
                   |     G400 -G419        |
 G400 -G419        |     W06               |     G400 -G419
 V972              |                       |     W18
                   |    --- W07   ---      |
--- V973  ---      |                       |    --- W19   ---
                   |     G400 -G419        |
 G400 -G419        |     W07               |     G400 -G419
 V973              |                       |     W19
                   |    --- W08   ---      |
--- V978  ---      |                       |    --- W20   ---
                   |     G400 -G419        |
 G400 -G419        |     W08               |     G400 -G419
 V978              |                       |     W20
                   |    --- W09   ---      |
--- V98   ---      |                       |    --- W21   ---
                   |     G400 -G419        |
 G400 -G419        |     W09               |     G400 -G419
```

```
--- W21   ---      |   --- W33   ---      |   --- W44   ---
 CONTINUED         |                      |    CONTINUED
 W21               |    G400 -G419        |    W44
                   |    W33               |
--- W22   ---      |                      |   --- W45   ---
                   |   --- W34   ---      |
 G400 -G419        |                      |    G400 -G419
 W22               |    G400 -G419        |    W45
                   |    W34               |
--- W23   ---      |                      |   --- W49   ---
                   |   --- W35   ---      |
 G400 -G419        |                      |    G400 -G419
 W23               |    G400 -G419        |    W49
                   |    W35               |
--- W24   ---      |                      |   --- W50   ---
                   |   --- W36   ---      |
 G400 -G419        |                      |    G400 -G419
 W24               |    G400 -G419        |    W50
                   |    W36               |
--- W25   ---      |                      |   --- W51   ---
                   |   --- W37   ---      |
 G400 -G419        |                      |    G400 -G419
 W25               |    G400 -G419        |    W51
                   |    W37               |
--- W26   ---      |                      |   --- W52   ---
                   |   --- W38   ---      |
 G400 -G419        |                      |    G400 -G419
 W26               |    G400 -G419        |    W52
                   |    W38               |
--- W27   ---      |                      |   --- W53   ---
                   |   --- W39   ---      |
 G400 -G419        |                      |    G400 -G419
 W27               |    G400 -G419        |    W53
                   |    W39               |
--- W28   ---      |                      |   --- W54   ---
                   |   --- W40   ---      |
 G400 -G419        |                      |    G400 -G419
 W28               |    G400 -G419        |    W54
                   |    W40               |
--- W29   ---      |                      |   --- W55   ---
                   |   --- W41   ---      |
 G400 -G419        |                      |    G400 -G419
 W29               |    G400 -G419        |    W55
                   |    W41               |
--- W30   ---      |                      |   --- W56   ---
                   |   --- W42   ---      |
 G400 -G419        |                      |    G400 -G419
 W30               |    G400 -G419        |    W56
                   |    W42               |
--- W31   ---      |                      |   --- W57   ---
                   |   --- W43   ---      |
 G400 -G419        |                      |    G400 -G419
 W31               |    G400 -G419        |    W57
                   |    W43               |
--- W32   ---      |                      |   --- W58   ---
                   |   --- W44   ---      |
 G400 -G419        |                      |    G400 -G419
 W32               |    G400 -G419        |    W58
```

```
 --- W59  ---      |   --- W75   ---     |   --- W89   ---

  G400 -G419       |    G400 -G419       |    G400 -G419
  W59              |    W75              |    W89

 --- W60  ---      |   --- W76   ---     |   --- W90   ---

  G400 -G419       |    G400 -G419       |    G400 -G419
  W60              |    W76              |    W90

 --- W64  ---      |   --- W77   ---     |   --- W91   ---

  G400 -G419       |    G400 -G419       |    G400 -G419
  W64              |    W77              |    W91

 --- W65  ---      | --- W78  -W80   --- |   --- W92   ---

  G400 -G419       |    A000 -R825       |    G400 -G419
  P035             |  M R826             |    W92
  W65              |    R827 -R892       |
                   |  M R893             |   --- W93   ---
 --- W66  ---      |    R894 -R961       |
                   |    R98  -Y899       |    G400 -G419
  G400 -G419       |                     |    W93
  W66              |    --- W81   ---    |
                   |                     |   --- W94   ---
 --- W67  ---      |    G400 -G419       |
                   |    W81              |    G400 -G419
  G400 -G419       |                     |    W94
  W67              |    --- W83   ---    |
                   |                     |   --- W99   ---
 --- W68  ---      |    G400 -G419       |
                   |    W83              |    G400 -G419
  G400 -G419       |                     |    W99
  W68              |    --- W84   ---    |
                   |                     |   --- X00   ---
 --- W69  ---      |    G400 -G419       |
                   |    W84              |    G400 -G419
  G400 -G419       |                     |    X00
  W69              |    --- W85   ---    |
                   |                     |   --- X01   ---
 --- W70  ---      |    G400 -G419       |
                   |    W85              |    G400 -G419
  G400 -G419       |                     |    X01
  W70              |    --- W86   ---    |
                   |                     |   --- X02   ---
 --- W73  ---      |    G400 -G419       |
                   |    W86              |    G400 -G419
  G400 -G419       |                     |    X02
  P035             |    --- W87   ---    |
  W73              |                     |   --- X03   ---
                   |    G400 -G419       |
 --- W74  ---      |    W87              |    G400 -G419
                   |                     |    X03
  G400 -G419       |    --- W88   ---    |
  W74              |                     |   --- X04   ---
                   |    G400 -G419       |
                   |    W88              |    G400 -G419
```

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```
                              TABLE D
         CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

   --- X04   ---      |    --- X17   ---      |    --- X31   ---
      CONTINUED       |                       |
      X04             |     G400 -G419        |     X31
                      |     X17               |
   --- X05   ---      |                       |    --- X32   ---
                      |    --- X18   ---      |
    G400 -G419        |                       |     X32
    X05               |     G400 -G419        |
                      |     X18               |    --- X33   ---
   --- X06   ---      |                       |
                      |    --- X19   ---      |     X33
    G400 -G419        |                       |
    X06               |     G400 -G419        |    --- X34   ---
                      |     X19               |
   --- X08   ---      |                       |     X34
                      |    --- X20   ---      |
    G400 -G419        |                       |    --- X35   ---
    X08               |     X20               |
                      |                       |     X35
   --- X09   ---      |    --- X21   ---      |
                      |                       |    --- X36   ---
    G400 -G419        |     X21               |
    X09               |                       |     X36
                      |    --- X22   ---      |
   --- X10   ---      |                       |    --- X37   ---
                      |     X22               |
    G400 -G419        |                       |     X37
    X10               |    --- X23   ---      |
                      |                       |    --- X38   ---
   --- X11   ---      |     X23               |
                      |                       |     X38
    G400 -G419        |    --- X24   ---      |
    X11               |                       |    --- X39   ---
                      |     X24               |
   --- X12   ---      |                       |     X39
                      |    --- X25   ---      |
    G400 -G419        |                       |    --- X40   ---
    X12               |     X25               |
                      |                       |     X40
   --- X13   ---      |    --- X26   ---      |
                      |                       |    --- X41   ---
    G400 -G419        |     X26               |
    X13               |                       |     X41
                      |    --- X27   ---      |
   --- X14   ---      |                       |    --- X42   ---
                      |     X27               |
    G400 -G419        |                       |     X42
    X14               |    --- X28   ---      |
                      |                       |    --- X43   ---
   --- X15   ---      |     X28               |
                      |                       |     X43
    G400 -G419        |    --- X29   ---      |
    X15               |                       |    --- X44   ---
                      |     X29               |
   --- X16   ---      |                       |     X44
                      |    --- X30   ---      |
    G400 -G419        |                       |
    X16               |     X30               |
```

```
--- X45   ---  |  --- X59   ---  |  --- X73   ---
               |      CONTINUED  |
   X45         |     X59         |     X73
               |                 |
--- X46   ---  |  --- X60   ---  |  --- X74   ---
               |                 |
   X46         |     X60         |     X74
               |                 |
--- X47   ---  |  --- X61   ---  |  --- X75   ---
               |                 |
   X47         |     X61         |     X75
               |                 |
--- X48   ---  |  --- X62   ---  |  --- X76   ---
               |                 |
   X48         |     X62         |     X76
               |                 |
--- X49   ---  |  --- X63   ---  |  --- X77   ---
               |                 |
   X49         |     X63         |     X77
               |                 |
--- X50   ---  |  --- X64   ---  |  --- X78   ---
               |                 |
 G400 -G419    |     X64         |     X78
   X50         |                 |
               |  --- X65   ---  |  --- X79   ---
--- X51   ---  |                 |
               |     X65         |     X79
 G400 -G419    |                 |
   X51         |  --- X66   ---  |  --- X80   ---
               |                 |
--- X52   ---  |     X66         |     X80
               |                 |
 G400 -G419    |  --- X67   ---  |  --- X81   ---
   X52         |                 |
               |     X67         |     X81
--- X53   ---  |                 |
               |  --- X68   ---  |  --- X82   ---
 G400 -G419    |                 |
   X53         |     X68         |     X82
               |                 |
--- X54   ---  |  --- X69   ---  |  --- X83   ---
               |                 |
 G400 -G419    |     X69         |     X83
   X54         |                 |
               |  --- X70   ---  |  --- X84   ---
--- X57   ---  |                 |
               |     X70         |     X84
 G400 -G419    |                 |
   X57         |  --- X71   ---  |  --- X85   ---
               |                 |
--- X58   ---  |     X71         |     X85
               |                 |
 G400 -G419    |  --- X72   ---  |  --- X86   ---
   X58         |                 |
               |     X72         |     X86
--- X59   ---  |                 |
               |                 |
 G400 -G419    |                 |
```

--- X87 ---	--- Y01 ---	--- Y078 ---
X87	Y01	Y078
--- X88 ---	--- Y02 ---	--- Y079 ---
X88	Y02	Y079
--- X89 ---	--- Y03 ---	--- Y08 ---
X89	Y03	Y08
--- X90 ---	--- Y04 ---	--- Y09 ---
X90	Y04	Y09
--- X91 ---	--- Y05 ---	--- Y10 ---
X91	Y05	Y10
--- X92 ---	--- Y060 ---	--- Y11 ---
X92	Y060	Y11
--- X93 ---	--- Y061 ---	--- Y12 ---
X93	Y061	Y12
--- X94 ---	--- Y062 ---	--- Y13 ---
X94	Y062	Y13
--- X95 ---	--- Y068 ---	--- Y14 ---
X95	Y068	Y14
--- X96 ---	--- Y069 ---	--- Y15 ---
X96	Y069	Y15
--- X97 ---	--- Y070 ---	--- Y16 ---
X97	Y070	Y16
--- X98 ---	--- Y071 ---	--- Y17 ---
X98	Y071	Y17
--- X99 ---	--- Y072 ---	--- Y18 ---
X99	Y072	Y18
--- Y00 ---	--- Y073 ---	--- Y19 ---
Y00	Y073	Y19

```
                          TABLE D
      CAUSAL RELATIONSHIP:  GENERAL PRINCIPLE AND RULES 1 AND 2

  --- Y20   ---    |    --- Y34   ---    |    --- Y365  ---
     Y20          |       Y34          |       Y365
  --- Y21   ---    |    --- Y350  ---    |    --- Y366  ---
     Y21          |       Y350         |       Y366
  --- Y22   ---    |    --- Y351  ---    |    --- Y367  ---
     Y22          |       Y351         |       Y367
  --- Y23   ---    |    --- Y352  ---    |    --- Y368  ---
     Y23          |       Y352         |       Y368
  --- Y24   ---    |    --- Y353  ---    |    --- Y369  ---
     Y24          |       Y353         |       Y369
  --- Y25   ---    |    --- Y354  ---    |    --- Y400  ---
     Y25          |       Y354         |       Y400
  --- Y26   ---    |    --- Y355  ---    |    --- Y401  ---
     Y26          |       Y355         |       Y401
  --- Y27   ---    |    --- Y356  ---    |    --- Y402  ---
     Y27          |       Y356         |       Y402
  --- Y28   ---    |    --- Y357  ---    |    --- Y403  ---
     Y28          |       Y357         |       Y403
  --- Y29   ---    |    --- Y360  ---    |    --- Y404  ---
     Y29          |       Y360         |       Y404
  --- Y30   ---    |    --- Y361  ---    |    --- Y405  ---
     Y30          |       Y361         |       Y405
  --- Y31   ---    |    --- Y362  ---    |    --- Y406  ---
     Y31          |       Y362         |       Y406
  --- Y32   ---    |    --- Y363  ---    |    --- Y407  ---
     Y32          |       Y363         |       Y407
  --- Y33   ---    |    --- Y364  ---    |    --- Y408  ---
     Y33          |       Y364         |       Y408

                  |                    |
                  |                    |
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```

```
--- Y409 ---    |    --- Y425 ---    |    --- Y440 ---

   Y409         |       Y425         |       Y440

--- Y410 ---    |    --- Y426 ---    |    --- Y441 ---

   Y410         |       Y426         |       Y441

--- Y411 ---    |    --- Y427 ---    |    --- Y442 ---

   Y411         |       Y427         |       Y442

--- Y412 ---    |    --- Y428 ---    |    --- Y443 ---

   Y412         |       Y428         |       Y443

--- Y413 ---    |    --- Y429 ---    |    --- Y444 ---

   Y413         |       Y429         |       Y444

--- Y414 ---    |    --- Y430 ---    |    --- Y445 ---

   Y414         |       Y430         |       Y445

--- Y415 ---    |    --- Y431 ---    |    --- Y446 ---

   Y415         |       Y431         |       Y446

--- Y418 ---    |    --- Y432 ---    |    --- Y447 ---

   Y418         |       Y432         |       Y447

--- Y419 ---    |    --- Y433 ---    |    --- Y449 ---

   Y419         |       Y433         |       Y449

--- Y420 ---    |    --- Y434 ---    |    --- Y450 ---

   Y420         |       Y434         |       Y450

--- Y421 ---    |    --- Y435 ---    |    --- Y451 ---

   Y421         |       Y435         |       Y451

--- Y422 ---    |    --- Y436 ---    |    --- Y452 ---

   Y422         |       Y436         |       Y452

--- Y423 ---    |    --- Y438 ---    |    --- Y453 ---

   Y423         |       Y438         |       Y453

--- Y424 ---    |    --- Y439 ---    |    --- Y454 ---

   Y424         |       Y439         |       Y454

                |                    |


                |                    |
```

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

--- Y455 ---	--- Y472 ---	--- Y492 ---
Y455	Y472	Y492
--- Y458 ---	--- Y473 ---	--- Y493 ---
Y458	Y473	Y493
--- Y459 ---	--- Y474 ---	--- Y494 ---
Y459	Y474	Y494
--- Y460 ---	--- Y475 ---	--- Y495 ---
Y460	Y475	Y495
--- Y461 ---	--- Y478 ---	--- Y496 ---
Y461	Y478	Y496
--- Y462 ---	--- Y479 ---	--- Y497 ---
Y462	Y479	Y497
--- Y463 ---	--- Y480 ---	--- Y498 ---
Y463	Y480	Y498
--- Y464 ---	--- Y481 ---	--- Y499 ---
Y464	Y481	Y499
--- Y465 ---	--- Y482 ---	--- Y500 ---
Y465	Y482	Y500
--- Y466 ---	--- Y483 ---	--- Y501 ---
Y466	Y483	Y501
--- Y467 ---	--- Y484 ---	--- Y502 ---
Y467	Y484	Y502
--- Y468 ---	--- Y485 ---	--- Y508 ---
Y468	Y485	Y508
--- Y470 ---	--- Y490 ---	--- Y509 ---
Y470	Y490	Y509
--- Y471 ---	--- Y491 ---	--- Y510 ---
Y471	Y491	Y510

```
--- Y511 ---     |   --- Y525 ---     |   --- Y539 ---

    Y511         |       Y525         |       Y539

--- Y512 ---     |   --- Y526 ---     |   --- Y540 ---

    Y512         |       Y526         |       Y540

--- Y513 ---     |   --- Y527 ---     |   --- Y541 ---

    Y513         |       Y527         |       Y541

--- Y514 ---     |   --- Y528 ---     |   --- Y542 ---

    Y514         |       Y528         |       Y542

--- Y515 ---     |   --- Y529 ---     |   --- Y543 ---

    Y515         |       Y529         |       Y543

--- Y516 ---     |   --- Y530 ---     |   --- Y544 ---

    Y516         |       Y530         |       Y544

--- Y517 ---     |   --- Y531 ---     |   --- Y545 ---

    Y517         |       Y531         |       Y545

--- Y518 ---     |   --- Y532 ---     |   --- Y546 ---

    Y518         |       Y532         |       Y546

--- Y519 ---     |   --- Y533 ---     |   --- Y547 ---

    Y519         |       Y533         |       Y547

--- Y520 ---     |   --- Y534 ---     |   --- Y548 ---

    Y520         |       Y534         |       Y548

--- Y521 ---     |   --- Y535 ---     |   --- Y549 ---

    Y521         |       Y535         |       Y549

--- Y522 ---     |   --- Y536 ---     |   --- Y550 ---

    Y522         |       Y536         |       Y550

--- Y523 ---     |   --- Y537 ---     |   --- Y551 ---

    Y523         |       Y537         |       Y551

--- Y524 ---     |   --- Y538 ---     |   --- Y552 ---

    Y524         |       Y538         |       Y552


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```

--- Y553 ---	--- Y569 ---	--- Y583 ---
Y553	Y569	Y583
--- Y554 ---	--- Y570 ---	--- Y584 ---
Y554	Y570	Y584
--- Y555 ---	--- Y571 ---	--- Y585 ---
Y555	Y571	Y585
--- Y556 ---	--- Y572 ---	--- Y586 ---
Y556	Y572	Y586
--- Y557 ---	--- Y573 ---	--- Y588 ---
Y557	Y573	Y588
--- Y560 ---	--- Y574 ---	--- Y589 ---
Y560	Y574	Y589
--- Y561 ---	--- Y575 ---	--- Y590 ---
Y561	Y575	Y590
--- Y562 ---	--- Y576 ---	--- Y591 ---
Y562	Y576	Y591
--- Y563 ---	--- Y577 ---	--- Y592 ---
Y563	Y577	Y592
--- Y564 ---	--- Y578 ---	--- Y593 ---
Y564	Y578	Y593
--- Y565 ---	--- Y579 ---	--- Y598 ---
Y565	Y579	Y598
--- Y566 ---	--- Y580 ---	--- Y599 ---
Y566	Y580	Y599
--- Y567 ---	--- Y581 ---	--- Y600 ---
Y567	Y581	Y600
--- Y568 ---	--- Y582 ---	--- Y601 ---
Y568	Y582	Y601

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

--- Y602 ---	--- Y616 ---	--- Y631 ---
Y602	Y616	Y631
--- Y603 ---	--- Y617 ---	--- Y632 ---
Y603	Y617	Y632
--- Y604 ---	--- Y618 ---	--- Y633 ---
Y604	Y618	Y633
--- Y605 ---	--- Y619 ---	--- Y634 ---
Y605	Y619	Y634
--- Y606 ---	--- Y620 ---	--- Y635 ---
Y606	Y620	Y635
--- Y607 ---	--- Y621 ---	--- Y636 ---
Y607	Y621	Y636
--- Y608 ---	--- Y622 ---	--- Y638 ---
Y608	Y622	Y638
--- Y609 ---	--- Y623 ---	--- Y639 ---
Y609	Y623	Y639
--- Y610 ---	--- Y624 ---	--- Y640 ---
Y610	Y624	Y640
--- Y611 ---	--- Y625 ---	--- Y641 ---
Y611	Y625	Y641
--- Y612 ---	--- Y626 ---	--- Y648 ---
Y612	Y626	Y648
--- Y613 ---	--- Y628 ---	--- Y649 ---
Y613	Y628	Y649
--- Y614 ---	--- Y629 ---	--- Y650 ---
Y614	Y629	Y650
--- Y615 ---	--- Y630 ---	--- Y651 ---
Y615	Y630	Y651

TABLE D
CAUSAL RELATIONSHIP: GENERAL PRINCIPLE AND RULES 1 AND 2

--- Y652 ---	--- Y712 ---	--- Y741 ---
Y652	Y712	Y741
--- Y653 ---	--- Y713 ---	--- Y742 ---
Y653	Y713	Y742
--- Y654 ---	--- Y718 ---	--- Y743 ---
Y654	Y718	Y743
--- Y655 ---	--- Y720 ---	--- Y748 ---
Y655	Y720	Y748
--- Y658 ---	--- Y721 ---	--- Y750 ---
Y658	Y721	Y750
--- Y66 ---	--- Y722 ---	--- Y751 ---
Y66	Y722	Y751
--- Y69 ---	--- Y723 ---	--- Y752 ---
Y69	Y723	Y752
--- Y700 ---	--- Y728 ---	--- Y753 ---
Y700	Y728	Y753
--- Y701 ---	--- Y730 ---	--- Y758 ---
Y701	Y730	Y758
--- Y702 ---	--- Y731 ---	--- Y760 ---
Y702	Y731	Y760
--- Y703 ---	--- Y732 ---	--- Y761 ---
Y703	Y732	Y761
--- Y708 ---	--- Y733 ---	--- Y762 ---
Y708	Y733	Y762
--- Y710 ---	--- Y738 ---	--- Y763 ---
Y710	Y738	Y763
--- Y711 ---	--- Y740 ---	--- Y768 ---
Y711	Y740	Y768

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--- Y770 ---	--- Y798 ---	--- Y823 ---
Y770	Y798	Y823
--- Y771 ---	--- Y800 ---	--- Y828 ---
Y771	Y800	Y828
--- Y772 ---	--- Y801 ---	--- Y830 ---
Y772	Y801	Y830
--- Y773 ---	--- Y802 ---	--- Y831 ---
Y773	Y802	Y831
--- Y778 ---	--- Y803 ---	--- Y832 ---
Y778	Y803	Y832
--- Y780 ---	--- Y808 ---	--- Y833 ---
Y780	Y808	Y833
--- Y781 ---	--- Y810 ---	--- Y834 ---
Y781	Y810	Y834
--- Y782 ---	--- Y811 ---	--- Y835 ---
Y782	Y811	Y835
--- Y783 ---	--- Y812 ---	--- Y836 ---
Y783	Y812	Y836
--- Y788 ---	--- Y813 ---	--- Y838 ---
Y788	Y813	Y838
--- Y790 ---	--- Y818 ---	--- Y839 ---
Y790	Y818	Y839
--- Y791 ---	--- Y820 ---	--- Y840 ---
Y791	Y820	Y840
--- Y792 ---	--- Y821 ---	--- Y841 ---
Y792	Y821	Y841
--- Y793 ---	--- Y822 ---	--- Y842 ---
Y793	Y822	Y842

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--- Y843  ---      |    --- Y880  ---      |
                   |                       |
   Y843            |       Y880            |
                   |                       |
--- Y844  ---      |    --- Y881  ---      |
                   |                       |
   Y844            |       Y881            |
                   |                       |
--- Y845  ---      |    --- Y882  ---      |
                   |                       |
   Y845            |       Y882            |
                   |                       |
--- Y846  ---      |    --- Y883  ---      |
                   |                       |
   Y846            |       Y883            |
                   |                       |
--- Y847  ---      |    --- Y890  ---      |
                   |                       |
   Y847            |    G400 -G419         |
                   |       Y890            |
--- Y848  ---      |                       |
                   |    --- Y891  ---      |
   Y848            |                       |
                   |    G400 -G419         |
--- Y849  ---      |       Y891            |
                   |                       |
   Y849            |    --- Y892  ---      |
                   |                       |
--- Y850  ---      |       Y892            |
                   |                       |
 G400 -G419        |    --- Y899  ---      |
    Y850           |                       |
                   |    G400 -G419         |
--- Y859  ---      |       Y899            |
                   |
 G400 -G419        |
    Y859           |
                   |
--- Y86   ---      |
                   |
 G400 -G419        |
    Y86            |
                   |
--- Y870  ---      |
                   |
 G400 -G419        |
    Y870           |
                   |
--- Y871  ---      |
                   |
 G400 -G419        |
    Y871           |
                   |
--- Y872  ---      |
                   |
 G400 -G419        |
    Y872           |
                   |
```

```
                TABLE E
MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


        --- A000 -A001  ---          |          --- A049  ---
                                     |
DSC         B24            B201      | SMP         A040 -A048
DSC         R75            B201   *  | DSC         B24            B201
            --- A009  ---            | DSC         R75            B201   *
                                     |
SMP         A000 -A001               |      --- A050 -A058  ---
DSC         B24            B201      |
DSC         R75            B201   *  | DSC         B24            B201
                                     | DSC         R75            B201   *
        --- A010 -A013  ---          |
                                     |          --- A059  ---
DSC         B24            B201      |
DSC         R75            B201   *  | SMP         A050 -A058
                                     | DSC         B24            B201
            --- A014  ---            | DSC         R75            B201   *
                                     |
SMP         A010 -A013               |          --- A060  ---
DSC         B24            B201      |
DSC         R75            B201   *  | DSC         B24            B208
                                     | DSC         R75            B208   *
        --- A020 -A028  ---          |
                                     |          --- A061  ---
DSC         B24            B201      |
DSC         R75            B201   *  | DSC         B24            B208
                                     | LMC         D733           A068
            --- A029  ---            | LMC     M   G060           A066
                                     | LMC         J852           A065
SMP         A020 -A028               | LMC         K750           A064
LMC         A09            A020      | LMC     M   L020 -L029     A064
LMC         A400 -A419     A021      | DSC         R75            B208   *
DSC         B24            B201      |
LMC         G030 -G039     A022      |      --- A062 -A063  ---
LMC         J13  -J189     A022      |
LMC         K529           A020      | DSC         B24            B208
LMC         M130 -M139     A022      | LMC     M   G060           A066
LMC         M860 -M869     A022      | DSC         R75            B208   *
LMC         N12            A022      |
DSC         R75            B201   *  |          --- A064  ---
                                     |
        --- A030 -A038  ---          | SMP         A065 -A066
                                     | DSC         B24            B208
DSC         B24            B201      | LMC         G060           A066
DSC         R75            B201   *  | LMC         J852           A065
                                     | DSC         R75            B208   *
            --- A039  ---            |
                                     |          --- A065  ---
SMP         A030 -A038               |
DSC         B24            B201      | SMP         A066
DSC         R75            B201   *  | DSC         B24            B208
                                     | LMC         G060           A066
        --- A040 -A048  ---          | DSC         R75            B208   *
                                     |
DSC         B24            B201      |      --- A066 -A068  ---
DSC         R75            B201   *  |
                                     | DSC         B24            B208
                                     | DSC         R75            B208   *
                                     |
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```

```
          --- A069  ---          |          --- A1690 ---

SMP         A060 -A068           | SMP         A162 -A169
SDC         A09           A060   | SMP         A170 -A199
DSC         B24           B208   | SDC     M   A527          A184
LMC         D733          A068   | SDC     M   B07           A184
LMC     M   G060          A066   | DSC         B24           B200
LMC         J852          A065   | SDC         D649          A188
SDC         K350 -K37     A068   | SDC     M   D738          A188
SDC         K529          A060   | SDC     M   E060 -E063    A188
SDC     M   K628          A060   | SDC     M   E065 -E069    A188
SDC         K633          A061   | SDC         E271          A187
LMC         K750          A064   | SDC     M   E274          A187
SDC         K759          A064   | SDC         G030 -G039    A170
LMC     M   L020 -L029    A067   | SDC         G042 -G061    A178
SDC         L309          A067   | SDC     M   G062          A170
SDC         L984          A067   | SDC     M   G318 -G319    A178
SDC         N300 -N303    A068   | SDC     M   G629          A178
SDC         N308 -N309    A068   | SDC         G822          A180
SDC         N481          A068   | SDC     M   G961          A170
SDC         N490          A068   | SDC     M   H000 -H579    A185
SDC         N760          A068   | SDC     M   H600 -H939    A186
DSC         R75           B208 * | SDC         I310 -I319    A188
                                 | SDC         I340 -I4220   A188
          --- A070 -A079  ---    | SDC         I428 -I4290   A188
                                 | SDC         I514          A188
DSC         B24           B208   | SDC         I519          A188
DSC         R75           B208 * | SDC         I677          A188
                                 | SDC         I776          A188
          --- A080 -A082  ---    | SDC         I880          A183
                                 | SDC         I881 -I889    A182
DSC         B24           B203   | SDC         I891          A182
DSC         R75           B203 * | SDC         J029          A168
                                 | SDC         J039          A168
          --- A083 -A085  ---    | SDC         J040 -J042    A164
                                 | SDC         J13  -J189    A162
DSC         B24           B203   | SDC         J209          A164
DSC         J1010         J108   | SDC         J219          A164
DSC         J1110         J118   | SDC         J310 -J329    A168
DSC         R75           B203 * | SDC     M   J387          A164
                                 | SDC         J390 -J392    A168
          --- A09    ---         | SDC     M   J398          A164
                                 | SDC         J399          A168
DSC         B24           B208   | SDC         J40  -J42     A164
DSC         R75           B208 * | SDC         J459 -J47     A162
                                 | SDC         J841 -J8410   A162
          --- A162 -A168  ---    | SDC         J850 -J853    A162
                                 | SDC     M   J860          A162
DSC         B24           B200   | SDC     M   J860          A164
LMC         J60  -J64     J65    | SDC         J869 -J90     A165
DSC         R75           B200 * | SDC         J930 -J939    A162
                                 | SDC         J942 -J949    A165
          --- A169  ---          | SDC         J980          A164
                                 | SDC         J981          A162
SMP         A162 -A168           | SDC     M   J984          A162
DSC         B24           B200   | SDC     M   J985          A168
LMC         J60  -J64     J65    | SDC         J989          A162
DSC         R75           B200 * | SDC         K20           A188
```

		--- A1690 ---			--- A1690 ---					
		CONTINUED				CONTINUED				
SDC		K290 -K291	A188	SDC	M	N328	A181			
SDC		K293 -K299	A188	SDC		N360	A181			
SDC		K316	A183	SDC		N390	A181			
SDC		K350 -K37	A183	SDC		N410 -N419	A181			
SDC		K529	A183	SDC		N450 -N459	A181			
SDC		K603 -K614	A183	SDC		N490 -N499	A181			
SDC		K624	A183	SDC	M	N508	A181			
SDC		K626	A183	SDC		N760 -N768	A181			
SDC	M	K628	A183	SDC		N820 -N829	A181			
SDC		K630	A183	SDC		N832	A181			
SDC		K632 -K633	A183	SDC		R048	A162			
SDC		K650 -K660	A183	SDC		R091	A165			
SDC	M	K720 -K729	A188	SDC		R18	A183			
SDC		K759	A188	SDC		R31	A181			
SDC	M	K868	A188	SDC		R590 -R599	A182			
SDC		L020 -L039	A182	DSC		R75	B200	*		
SDC		L040 -L049	A183							
SDC		L089	A184			--- A170 -A178 ---				
SDC	M	L280	A184							
SDC		L52	A184	LMP	M	A162 -A1690				
SDC		L539	A184	DSC		B24	B200			
SDC		L930	A184	DSC		R75	B200	*		
SDC		L984	A184							
SDC		M130 -M139	A180			--- A179 ---				
SDC		M169	A180							
SDC		M255	A180	LMP	M	A162 -A1690				
SDC		M259	A180	SMP		A170 -A178				
SDC		M400 -M405	A180	DSC		B24	B200			
SDC		M415 -M419	A180	DSC		R75	B200	*		
SDC		M439	A180							
SDC		M469	A180			--- A180 -A187 ---				
SDC		M489	A180							
SDC		M600	A188	LMP	M	A162 -A1690				
SDC		M601	A180	DSC		B24	B200			
SDC		M608 -M609	A180	DSC		R75	B200	*		
SDC		M650 -M652	A180							
SDC		M658 -M659	A180			--- A188 ---				
SDC		M674	A180							
SDC	M	M710 -M713	A180	LMP	M	A162 -A1690				
SDC	M	M715 -M719	A180	SMP		A180 -A187				
SDC		M790	A180	DSC		B24	B200			
SDC		M860 -M869	A180	DSC		R75	B200	*		
SDC		M910 -M940	A180							
SDC	M	M948	A180			--- A190 -A198 ---				
SDC		N000 -N019	A181							
SDC		N030 -N039	A181	DSC		B24	B200			
SDC		N050 -N059	A181	DSC		R75	B200	*		
SDC		N12	A181							
SDC		N133	A181			--- A199 ---				
SDC		N136	A181							
SDC		N151	A181	SMP		A190 -A198				
SDC		N159	A181	DSC		B24	B200			
SDC		N26	A181	DSC		R75	B200	*		
SDC	M	N288	A181							
SDC		N289 -N303	A181							
SDC		N308 -N309	A181							

MODIFICATION: SELECTION RULE 3, MODIFICATION RULES A, C, AND D

```
        --- A200 -A208  ---       |          --- A239  ---
                                  |
DSC        B24            B201    | SMP        A230 -A238
DSC        R75            B201  * | DSC        B24            B201
           --- A209  ---          | DSC        R75            B201  *
                                  |
                                  |        --- A240 -A243  ---
SMP        A200 -A208             |
DSC        B24            B201    | DSC        B24            B201
DSC        R75            B201  * | DSC        R75            B201  *
                                  |
        --- A210 -A218  ---       |          --- A244  ---
                                  |
DSC        B24            B201    | SMP        A240 -A243
DSC        R75            B201  * | SDC        A400 -A419     A241
                                  | DSC        B24            B201
           --- A219  ---          | SDC        J13  -J189     A241
                                  | DSC        R75            B201  *
SMP        A210 -A218             |
SDC        A400 -A419     A217    |        --- A250 -A251  ---
DSC        B24            B201    |
SDC        H100 -H109     A211    | DSC        B24            B201
SDC        J13  -J189     A212    | DSC        R75            B201  *
SDC        J40            A218    |
DSC        R75            B201  * |          --- A259  ---
                                  |
        --- A220 -A228  ---       | SMP        A250 -A251
                                  | DSC        B24            B201
DSC        B24            B201    | DSC        R75            B201  *
DSC        R75            B201  * |
LMP        U016                   |        --- A260 -A268  ---
LMP        X58                    |
LMP        X83                    | DSC        B24            B201
LMP        Y08                    | DSC        R75            B201  *
LMP        Y33                    |
                                  |          --- A269  ---
           --- A229  ---          |
                                  | SMP        A260 -A268
SDC        A09            A222    | SDC        A400 -A419     A267
SMP        A220 -A228             | DSC        B24            B201
SDC        A400 -A419     A227    | SDC        R21            A260
DSC        B24            B201    | DSC        R75            B201  *
SDC        G030 -G039     A228    |
LMC        J13  -J189     A221    |        --- A270 -A278  ---
SDC        K529           A222    |
SDC        L020 -L029     A220    | DSC        B24            B201
SDC        L089           A220    | DSC        R75            B201  *
DSC        R75            B201  * |
LMP        U016                   |          --- A279  ---
LMP        X58                    |
LMP        X83                    | SMP        A270 -A278
LMP        Y08                    | DSC        B24            B201
LMP        Y33                    | DSC        R75            B201  *
                                  |
        --- A230 -A238  ---       |        --- A280 -A288  ---
                                  |
DSC        B24            B201    | DSC        B24            B201
DSC        R75            B201  * | DSC        R75            B201  *
```

```
        --- A289  ---           |            --- A369  ---
                                |                CONTINUED
SMP         A280 -A288          | DSC         B24           B201
DSC         B24           B201  | SDC         G042 -G049    A368
DSC         R75           B201 *| SDC         G629          A368
                                | SDC         H100 -H109    A368
      --- A300 -A308  ---       | SDC         H570          A368
                                | SDC         I400 -I409    A368
DSC         B24           B201  | SDC         I514          A368
DSC         R75           B201 *| SDC         I880 -I889    A368
                                | SDC         J020 -J039    A360
        --- A309  ---           | SDC         J040 -J051    A362
                                | SDC         J312          A360
SMP         A300 -A308          | SDC         J380          A362
DSC         B24           B201  | SDC         J385          A362
DSC         R75           B201 *| SDC    M    J387          A362
                                | SDC    M    J392          A360
        --- A310  ---           | SDC         K121          A368
                                | SDC         K137          A360
DSC         B24           B200  | SDC         K650 -K659    A368
DSC         R75           B200 *| SDC         L309          A363
                                | SDC         N12           A368
        --- A318  ---           | SDC         N151 -N159    A368
                                | SDC         N300 -N303    A368
DSC         B24           B200  | SDC         N308 -N309    A368
DSC         R75           B200 *| DSC         R75           B201 *
                                |
        --- A319  ---           |       --- A370 -A378  ---
                                |
SMP         A310 -A318          | DSC         B24           B201
DSC         B24           B200  | DSC         R75           B201 *
DSC         R75           B200 *|
                                |            --- A379  ---
      --- A320 -A328  ---       |
                                | SMP         A370 -A378
DSC         B24           B201  | DSC         B24           B201
DSC         R75           B201 *| DSC         R75           B201 *
                                |
        --- A329  ---           |       --- A38  -A391  ---
                                |
SMP         A320 -A328          | DSC         B24           B201
SDC         A400 -A419    A327  | DSC         R75           B201 *
DSC         B24           B201  |
SDC         G030 -G039    A321  |       --- A392 -A394  ---
SDC         G042 -G049    A321  |
SDC    M    I340 -I38     A328  | LMP         A390 -A391
SDC         I677          A328  | DSC         B24           B201
SDC         L929          A328  | DSC         R75           B201 *
DSC         R75           B201 *|
                                |       --- A395 -A398  ---
      --- A33  -A368  ---       |
                                | DSC         B24           B201
DSC         B24           B201  | DSC         R75           B201 *
DSC         R75           B201 *|
                                |          --- A399  ---
        --- A369  ---           |
                                | SMP         A390 -A398
SMP         A360 -A368          | SDC    M    A400 -A418    A392
```

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                          TABLE E
MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D

            --- A399  ---             |        --- A409  ---
              CONTINUED               |          CONTINUED
SDC     M  A400 -A418    A393  | SMP       A327
SDC     M  A400 -A418    A394  | SMP    M  A391 -A394
SDC     M  A419          A392  | SMP       A400 -A408
SDC     M  A419          A393  | SMP       A427
SDC     M  A419          A394  | SMP       A548
SDC        A499          A394  | SMP    M  B007
DSC        B24           B201  | DSC       B24           B201
SDC     M  E278          A391  | SMP       B377
SDC        G030 -G039    A390  | DS        C810 -C969
SDC        G042 -G049    A398  | DS     M  K6310
SDC        H100 -H109    A398  | DSC       R75           B201  *
SDC        H46           A398  | DS        T200 -T327
SDC     M  I319          A395  |
SDC     M  I340 -I38     A395  |     --- A410 -A418  ---
SDC        I400 -I409    A395  |
SDC        I514          A395  | SMP       A021
SDC        I518 -I519    A395  | DSC       A029          A021
SDC        M130 -M1990   A398  | SMP    M  A039
DSC        R75           B201 * | SMP    M  A217
                               | SMP       A227
         --- A400 -A408  ---    | SMP    M  A239
                               | SMP    M  A241
SMP        A021                | SMP       A267
DSC        A029          A021  | SMP    M  A280
SMP     M  A039                | SMP    M  A282
SMP     M  A217                | SMP       A327
SMP        A227                | SMP    M  A391 -A394
SMP     M  A239                | SMP       A427
SMP     M  A241                | SMP       A548
SMP        A267                | SMP    M  B007
SMP     M  A280                | DSC       B24           B201
SMP     M  A282                | SMP       B377
SMP        A327                | DS        C810 -C969
SMP     M  A391 -A394          | DS     M  K6310
SMP        A427                | DSC       R75           B201  *
SMP        A548                | DS        T200 -T327
SMP     M  B007                |
DSC        B24           B201  |     --- A419  ---
SMP        B377                |
DS         C810 -C969          | SMP       A021
DS      M  K6310               | DSC       A029          A021
DSC        R75           B201 * | SMP    M  A039
DS         T200 -T327          | SMP    M  A217
                               | SMP       A227
         --- A409  ---          | SMP    M  A239
                               | SMP    M  A241
SMP        A021                | SMP       A267
DSC        A029          A021  | SMP    M  A280
SMP     M  A039                | SMP    M  A282
SMP     M  A217                | SMP       A327
SMP        A227                | SMP    M  A391 -A394
SMP     M  A239                | SMP       A400 -A418
SMP     M  A241                | SMP       A427
SMP        A267                | SMP       A548
SMP     M  A280                | SMP    M  B007
SMP     M  A282                | DSC       B24           B201

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```
       --- A419  ---              |           --- A46   ---
           CONTINUED              |               CONTINUED
SMP        B377                   | DSC           R75          B201  *
DS         C810 -C969             |
DS     M   K6310                  |           --- A480  ---
DSC        R75          B201  *   |
DS         T200 -T327             | SDC   M   A419         A414
                                  | DSC       B24          B201
     --- A420 -A427  ---          | DSC       R75          B201  *
                                  |
DSC        B24          B201      |       --- A481 -A488  ---
DSC        R75          B201  *   |
                                  | DSC       B24          B201
        --- A429  ---             | DSC       R75          B201  *
                                  |
SDC        A400 -A419   A427      |       --- A490 -A498  ---
SMP        A420 -A428             |
DSC        B24          B201      | LMP       A400 -A419
SDC        G030 -G049   A428      | DSC       B24          B201
SDC        H043         A428      | DSC       R75          B201  *
SDC    M   J00  -J069   A420      |
SDC    M   J120 -J129   A420      |        --- A499  ---
LMC        J13  -J189   A420      |
SDC    M   J200 -J989   A420      | LMP       A400 -A419
SDC    M   K000 -K929   A421      | SMP       A490 -A498
SDC    M   L00  -L989   A428      | DSC       B24          B201
DSC        R75          B201  *   | DSC       R75          B201  *
                                  |
     --- A430 -A438  ---          |       --- A500 -A501  ---
                                  |
DSC        B24          B201      | DSC       B24          B201
DSC        R75          B201  *   | DSC       R75          B201  *
                                  |
        --- A439  ---             |          --- A502  ---
                                  |
SMP        A430 -A438             | DSC       B24          B201
DSC        B24          B201      | SDC       H043         A500
SDC    M   J00  -J069   A430      | SDC       H200 -H201   A500
SDC    M   J120 -J129   A430      | SDC       H208 -H209   A500
SDC        J13  -J189   A430      | SDC       H300 -H309   A500
SDC    M   J200 -J989   A430      | SDC       H579         A500
SDC    M   L00  -L989   A431      | SDC       J029         A500
DSC        R75          B201  *   | SDC       J040 -J042   A500
                                  | SDC       J13  -J189   A500
     --- A440 -A448  ---          | SDC       J310         A500
                                  | SDC       K029         A500
DSC        B24          B201      | SDC   M   K759         A500
DSC        R75          B201  *   | SDC       M659         A500
                                  | SDC       M860 -M869   A500
        --- A449  ---             | SDC       M939         A500
                                  | SDC       R161         A500
SMP        A440 -A448             | DSC       R75          B201  *
DSC        B24          B201      |
DSC        R75          B201  *   |       --- A503 -A507  ---
                                  |
        --- A46   ---             | DSC       B24          B201
                                  | DSC       R75          B201  *
DSC        B24          B201      |
```

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          --- A509  ---              |          --- A519  ---
                                     |              CONTINUED
SMP          A500 -A507              | SMP          A520 -A529
LMC          A521         A504       | DSC          B24          B201
SDC          A630         A500       | SDC          H300 -H309   A514
DSC          B24          B201       | SDC          H579         A514
SDC          G030 -G039  A504       | SDC          I880 -I889   A514
SDC          G042 -G049  A504       | SDC          L984         A513
SDC          G629         A504       | SDC          N050 -N059   A514
SDC          G809         A504       | SDC          N760 -N763   A510
SDC          G830 -G838  A504       | SDC          R591         A514
LMC          G839         A504       | DSC          R75          B201  *
SDC          H043         A500       |
SDC          H200 -H201  A500       |          --- A520 -A522  ---
SDC          H208 -H209  A500       |
SDC          H300 -H309  A500       | DSC          B24          B201
SDC          H472         A504       | DSC          R75          B201  *
SDC          H913         A500       |
SDC          I519         A505       |          --- A523  ---
SDC          I720 -I729  A505       |
SDC          I776         A505       | LMP          A504
SDC          I99          A505       | LMP          A521
SDC          J029         A500       | DSC          B24          B201
SDC          J040 -J042  A500       | LMC          G839         A521
SDC          J13  -J189  A500       | LMC          R270         A521
SDC          J310         A500       | DSC          R75          B201  *
SDC          J312         A500       |
SDC     M    J348         A505       |          --- A527 -A528  ---
SDC     M    J386 -J387  A505       |
SDC          K029         A500       | DSC          B24          B201
SDC     M    K222         A505       | DSC          R75          B201  *
SDC          K650 -K659  A500       |
SDC     M    K759         A500       |          --- A529  ---
SDC          L109         A500       |
SDC          M130 -M139  A505       | SMP          A520 -A528
SDC     M    M254         A505       | DSC          B24          B201
SDC          M402         A505       | SDC          D649         A527
SDC          M659         A500       | SDC          G030 -G039   A521
SDC          M860 -M869  A500       | SDC          G042 -G049   A521
SDC          M939         A500       | SDC          G629         A521
SDC          M950         A505       | SDC          H150 -H151   A527
SDC          N050 -N059  A505       | SDC          H200 -H201   A527
SDC          Q019         A504       | SDC          H208 -H209   A527
SDC     M    Q359         A505       | SDC          H300 -H309   A527
SDC          Q750         A500       | SDC     M    H432         A527
SDC          R065         A500       | SDC          I880 -I889   A527
SDC          R161         A500       | SDC          J040 -J042   A527
DSC          R75          B201  *    | SDC     M    K759         A527
                                     | SDC          L815         A527
          --- A510 -A515  ---        | SDC          L984         A527
                                     | SDC          M130 -M139   A521
SMP          A520 -A529              | SDC     M    M254         A527
DSC          B24          B201       | SDC          M600 -M601   A527
DSC          R75          B201  *    | SDC          M608 -M609   A527
                                     | SDC          M659         A527
          --- A519  ---              | SDC          M792         A527
                                     | SDC          M950         A527
SMP          A510 -A515              | SDC          N040 -N059   A527
```

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           --- A529  ---         |        --- A539  ---
               CONTINUED         |            CONTINUED
SDC        N300 -N303   A527     | SDC       I281          A520
SDC        N308 -N309   A527     | SDC    M  I319          A520
SDC        N760 -N763   A527     | SDC       I340 -I409    A520
DSC        R75          B201  *  | SDC       I470 -I48     A520
                                 | SDC       I500 -I509    A520
           --- A530  ---         | SDC       I514          A520
                                 | SDC       I515 -I516    A520
DSC        B24          B201     | SDC       I519          A520
DSC        R75          B201  *  | SDC       I6090         A520
                                 | SDC       I619          A520
           --- A539  ---         | SDC       I633          A520
                                 | SDC    M  I671          A520
SMP        A500 -A530            | SDC       I677          A520
SDC     M  A630         A513     | SDC       I710 -I729    A520
DSC        B24          B201  *  | SDC    M  I739          A520
SDC     M  B99          A527     | SDC       I771          A520
SDC     M  D131         A527     | SDC       I776          A520
SDC        D649         A527     | SDC       I779          A520
SDC     M  E538         A521     | SDC       I809 -I81     A520
SDC        F03          A521     | SDC    M  I888          A510
SDC        G030 -G039   A521     | SDC       I99           A520
SDC        G042 -G049   A521     | SDC       J040 -J042    A527
SDC     M  G122 -G1220  A521     | SDC       J310          A527
SDC        G219         A521     | SDC       J312          A527
SDC     M  G318         A521     | SDC    M  J348          A527
SDC        G400 -G409   A521     | SDC    M  J386 -J387    A527
SDC        G500 -G529   A521     | SDC    M  J392 -J398    A527
SDC        G580 -G589   A521     | SDC       J980          A527
SDC        G629         A521     | SDC    M  J985          A527
SDC        G810 -G839   A521     | SDC       K029          A527
SDC        G934         A521     | SDC       K137          A527
SDC        G951         A520     | SDC    M  K222          A527
SDC     M  G958         A521     | SDC       K3190         A527
SDC     M  H018         A527     | SDC       K624          A527
SDC        H043         A527     | SDC       K650 -K659    A527
SDC        H108 -H109   A527     | SDC    M  K746          A527
SDC        H150 -H159   A527     | SDC    M  K759          A527
SDC        H163         A503     | SDC       K760          A527
SDC        H169         A503     | SDC       K829          A527
SDC     M  H200 -H201   A514     | SDC       K85           A527
SDC     M  H208         A514     | SDC    M  L089          A527
SDC     M  H209         A503     | SDC       L109          A500
SDC     M  H209         A514     | SDC       L659          A513
SDC        H300 -H309   A514     | SDC       L815          A513
SDC        H400 -H409   A527     | SDC       L906 -L908    A513
SDC     M  H432         A527     | SDC    M  L929          A521
SDC        H46  -H470   A521     | SDC       L97           A521
SDC        H472         A521     | SDC    M  L984          A513
SDC        H490 -H492   A521     | SDC    M  L984          A527
SDC     M  H534         A527     | SDC       M109          A527
SDC        H579         A527     | SDC       M130 -M139    A521
SDC        H830         A527     | SDC    M  M254          A527
SDC        H919         A521     | SDC       M541          A521
SDC        H933         A521     | SDC       M600 -M601    A527
SDC        I210 -I219   A520     | SDC       M608 -M609    A527
SDC        I250 -I259   A520     | SDC       M625          A527
```

```
        --- A539  ---              |      --- A549  ---
          CONTINUED                |        CONTINUED
SDC       M659        A527         | SDC      I880 -I889  A548
SDC       M710 -M719  A527         | SDC      J029        A545
SDC       M792        A527         | SDC      J13  -J189  A548
SDC       M844        A527         | SDC      K624        A546
SDC       M860 -M869  A527         | SDC      K628        A546
SDC    M  M898 -M899  A521         | SDC      K650 -K659  A548
SDC    M  M898 -M899  A527         | SDC      L020 -L039  A548
SDC       M939        A500         | SDC      L570        A548
SDC       M950        A527         | SDC      L989        A548
SDC       N040 -N059  A527         | SDC      M130 -M139  A544
SDC       N12         A527         | SDC      M254        A544
SDC       N300 -N303  A527         | SDC      M469        A544
SDC       N308 -N309  A527         | SDC      M659        A544
SDC    M  N312        A521         | SDC      M719        A544
SDC       N351 -N359  A527         | SDC      M779        A544
SDC       N450 -N459  A527         | SDC      M860 -M869  A544
SDC    M  N508        A527         | SDC      M899        A544
SDC       N72         A527         | SDC      N288        A542
SDC       N760 -N763  A510         | SDC      N300 -N303  A540
SDC       R000        A520         | SDC      N308 -N309  A540
SDC       R065        A500         | SDC      N340        A541
SDC       R161        A527         | SDC      N342        A541
SDC       R18         A527         | SDC      N359        A540
SDC    M  R200        A521         | SDC      N412        A542
SDC    M  R470        A521         | SDC      N419        A542
SDC       R590 -R599  A514         | SDC      N459        A542
DSC       R75         B201  *      | SDC      N482        A541
                                   | SDC      N490 -N491  A542
        --- A540  ---              | SDC      N700 -N719  A542
                                   | SDC      N72         A540
LMP       A541                     | SDC      N735        A542
DSC       B24         B201         | SDC      N751 -N758  A541
LMC       N340        A541         | SDC      N760        A540
LMC       N751        A541         | SDC      N762        A540
DSC       R75         B201  *      | SDC      N949        A542
                                   | SDC      N971        A542
      --- A541 -A548  ---          | DSC      R75         B201  *
                                   |
DSC       B24         B201         |    --- A55  -A58   ---
DSC       R75         B201  *      |
                                   | DSC      B24         B201
        --- A549  ---              | DSC      R75         B201  *
                                   |
SDC       A400 -A419  A548         |    --- A590 -A598   ---
SMP       A540 -A548               |
DSC       B24         B201         | DSC      B24         B208
SDC       G030 -G039  A548         | DSC      R75         B208  *
SDC       G060        A548         |
SDC       H100 -H109  A543         |      --- A599   ---
SDC       H200 -H209  A543         |
SDC       H440        A543         | SMP      A590 -A598
SDC       I319        A548         | DSC      B24         B208
SDC    M  I340 -I38   A548         | SDC      N300 -N303  A590
SDC       I400 -I409  A548         | SDC      N308 -N309  A590
SDC       I514        A548         | SDC      N342        A590
SDC       I519        A548         | SDC      N410 -N419  A590
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         --- A599  ---          |        --- A679  ---
              CONTINUED         |
SDC        N490        A590     | SMP        A670 -A673
SDC        N72         A590     | DSC        B24          B201
SDC        N760        A590     | SDC        I200 -I259  A672
SDC        N762        A590     | SDC        I516         A672
SDC      M N898        A590     | SDC      M L00  -L989  A672
DSC        R75         B208  * | DSC        R75          B201  *
                                |
         --- A601  ---          |     --- A680 -A681  ---
                                |
DSC        B24         B203     | DSC        B24          B201
DSC        R75         B203  * | DSC        R75          B201  *
                                |
         --- A609  ---          |        --- A689  ---
                                |
SMP        A600 -A601           | SMP        A680 -A681
DSC        B24         B203     | DSC        B24          B201
SDC      M K628        A601     | DSC        R75          B201  *
SDC        N72         A600     |
SDC        N760        A600     |     --- A690 -A698  ---
SDC        N766        A600     |
DSC        R75         B203  * | DSC        B24          B201
                                | DSC        R75          B201  *
     --- A630 -A638  ---        |
                                |        --- A699  ---
DSC        B24         B208     |
DSC        R75         B208  * | SMP        A690 -A698
                                | DSC        B24          B201
        --- A64    ---          | SDC        J13  -J189  A698
                                | SDC        J40          A698
SMP        A500 -A638           | DSC        R75          B201  *
DSC        B24         B208     |
DSC        R75         B208  * |        --- A70   ---
                                |
     --- A65  -A668  ---        | DSC        B24          B201
                                | DSC        R75          B201  *
DSC        B24         B201     |
DSC        R75         B201  * |        --- A719  ---
                                |
        --- A669  ---           | SMP        A710 -A711
                                | SDC        H043         A711
SDC      M A527        A664     | SDC        H100 -H109  A711
SMP        A660 -A668           | SDC        H164         A711
DSC        B24         B201     | SDC        H169         A711
SDC        L859        A663     |
SDC        L984        A664     |        --- A748  ---
SDC        M254        A666     |
SDC        M674        A666     | DSC        B24          B201
SDC        M860 -M869  A666  * | DSC        R75          B201  *
DSC        R75         B201  * |
     --- A670 -A673  ---        |        --- A749  ---
                                |
                                | SMP        A55  -A568
DSC        B24         B201     | SMP        A740 -A748
DSC        R75         B201  * | DSC        B24          B201
                                | SDC        H100 -H109  A740
                                | SDC        H119         A740
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          --- A749  ---              |         --- A809  ---
             CONTINUED               |            CONTINUED
SDC         J020 -J029    A564       | DSC        B24           B203
SMP         J160                     | LMC    M  G122 -G1220    A803
SDC    M  K628            A563       | LMC       G810 -G839     A803
SDC         K650 -K659    A748       | DSC        R75           B203   *
SDC         N300 -N303    A560       |
SDC         N308 -N309    A560       |         --- A810  ---
SDC         N342          A560       |
SDC         N490 -N499    A561       | DSC        B24           B203
SDC         N700 -N719    A561       | DSC        R75           B203   *
SDC         N72           A560       |
SDC         N730 -N739    A561       |         --- A811  ---
SDC         N760          A560       |
SDC         N762          A560       | DSC        B24           B203   *
DSC         R75           B201   *   | DSC        R75           B203   *
                                     |
       --- A750 -A753  ---           |         --- A812 -A818  ---
                                     |
DSC         B24           B201       | DSC        B24           B203
DSC         R75           B201   *   | DSC        R75           B203   *
                                     |
          --- A759  ---              |         --- A819  ---
                                     |
SMP         A750 -A753               | SMP        A810 -A818
DSC         B24           B201       | DSC        B24           B203
DSC         R75           B201   *   | DSC        R75           B203   *
                                     |
       --- A770 -A778  ---           |         --- A820 -A821  ---
                                     |
DSC         B24           B201       | DSC        B24           B203
DSC         R75           B201   *   | DSC        R75           B203   *
                                     |
          --- A779  ---              |         --- A829  ---
                                     |
SMP         A770 -A778               | SMP        A820 -A821
DSC         B24           B201       | DSC        B24           B203
DSC         R75           B201   *   | DSC        R75           B203   *
                                     |
       --- A78  -A798  ---           |         --- A830 -A838  ---
                                     |
DSC         B24           B201       | DSC        B24           B203
DSC         R75           B201   *   | DSC        R75           B203   *
                                     |
          --- A799  ---              |         --- A839  ---
                                     |
SMP         A790 -A798               | SMP        A830 -A838
DSC         B24           B201       | DSC        B24           B203
DSC         R75           B201   *   | DSC        R75           B203   *
                                     |
       --- A800 -A804  ---           |         --- A840 -A848  ---
                                     |
DSC         B24           B203       | DSC        B24           B203
DSC         R75           B203   *   | DSC        R75           B203   *
                                     |
          --- A809  ---              |         --- A849  ---
                                     |
SMP         A800 -A804               | SMP        A840 -A848
```

```
        --- A849  ---        |        --- A94   ---
          CONTINUED          |          CONTINUED
DSC        B24         B203  | DSC        R75          B203  *
DSC        R75         B203 *|
                            |       --- A950 -A951   ---
      --- A850 -A858  ---    |
                            | DSC        B24          B203
DSC        B24         B203  | DSC        R75          B203  *
DSC        R75         B203 *|
                            |        --- A959  ---
       --- A86   ---         |
                            | SMP        A950 -A951
SMP        A830 -A858        | DSC        B24          B203
DSC        B24         B203  | DSC        R75          B203  *
DSC        R75         B203 *|
                            |       --- A960 -A968   ---
    --- A870 -A878  ---      |
                            | DSC        B24          B203
DSC        B24         B203  | DSC        R75          B203  *
DSC        R75         B203 *|
                            |        --- A969  ---
       --- A879  ---         |
                            | SMP        A960 -A968
SMP        A870 -A878        | DSC        B24          B203
DSC        B24         B203  | DSC        R75          B203  *
DSC        R75         B203 *|
                            |       --- A980 -A988   ---
    --- A880 -A888  ---      |
                            | DSC        B24          B203
DSC        B24         B203  | DSC        R75          B203  *
DSC        R75         B203 *|
                            |        --- A99   ---
       --- A89   ---         |
                            | SMP     M  A90  -A988
SMP        A800 -A888        | DSC        B24          B203
DSC        B24         B203  | DSC        R75          B203  *
DSC        R75         B203 *|
                            |      --- B000 -B001   ---
   --- A90  -A928  ---       |
                            | DSC        B24          B203
DSC        B24         B203  | DSC        R75          B203  *
DSC        R75         B203 *|
                            |      --- B003 -B004   ---
       --- A929  ---         |
                            | DSC        B24          B203
SMP        A920 -A928        | DSC        R75          B203  *
DSC        B24         B203  |
DSC        R75         B203 *|        --- B007  ---
                            |
  --- A930 -A938   ---       | DSC        B24          B203
                            | DSC        R75          B203  *
DSC        B24         B203  |
DSC        R75         B203 *|        --- B009  ---
                            |
       --- A94   ---         | SDC        A400 -A419   B007
                            | SMP        B000 -B008
DSC        B24         B203  | DSC        B24          B203
LMC        N040 -N049  A985  | SDC        G030 -G039   B003
```

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                          TABLE E
MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


             --- B009  ---              |        --- B03  -B058  ---
                CONTINUED               |              CONTINUED
SDC          G042 -G049    B004         | DSC          R75           B203   *
SDC          H010 -H011    B005         |
SDC          H100 -H109    B005         |        --- B059  ---
SDC          H160 -H169    B005         |
SDC          H200 -H209    B005         | SMP          B050 -B058
SDC          H600 -H609    B001         | DSC          B24           B203
SDC          J020 -J029    B002         | LMC          G030 -G039    B051
SDC          J068          B002         | LMC          G042 -G049    B050
SDC          K051          B002         | LMC          H160 -H169    B058
SDC          K121          B002         | LMC          H660 -H669    B053
SDC          K759          B008         | LMC          J120 -J129    B052
SDC          L030          B008         | LMC          J180 -J189    B052
DSC          R75           B203   *     | LMC      M   K260 -K599    B054
                                        | LMC          K630 -K639    B054
       --- B010 -B018  ---              | LMC          K900 -K909    B054
                                        | LMC          K920 -K929    B054
DSC          B24           B203         | DSC          R75           B203   *
DSC          R75           B203   *     |
                                        |        --- B060 -B068  ---
         --- B019  ---                  |
                                        | DSC          B24           B203
LMC          B005          B018         | DSC          R75           B203   *
SMP          B010 -B018                 |
DSC          B24           B203         |        --- B069  ---
LMC          G030 -G039    B010         |
LMC          G042 -G049    B011         | SMP          B060 -B068
LMC          J120 -J129    B012         | DSC          B24           B203
LMC          J180 -J189    B012         | LMC          G030 -G039    B060
DSC          R75           B203   *     | LMC          G042 -G049    B060
                                        | LMC          J120 -J129    B068
       --- B020 -B028  ---              | LMC          J180 -J189    B068
                                        | LMC          M130 -M139    B068
DSC          B24           B203         | DSC          R75           B203   *
DSC          R75           B203   *     |
                                        |        --- B080  ---
         --- B029  ---                  |
                                        | DSC          B24           B203
SMP          B020 -B028                 | DSC          R75           B203   *
DSC          B24           B203         |
SDC          G030 -G039    B021         |    --- B082 -B085  ---
SDC          G042 -G049    B020         |
SDC          G500          B022         | DSC          B24           B203
SDC          G511          B022         | DSC          R75           B203   *
SDC          G629          B022         |
SDC          H010 -H011    B023         |        --- B09   ---
SDC          H100 -H109    B023         |
SDC          H150          B023         | SMP          B080 -B088
SDC          H160 -H169    B023         | DSC          B24           B203
SDC          H200 -H209    B023         | DSC          R75           B203   *
SDC          H600 -H609    B028         |
SDC          M792          B022         |        --- B150  ---
DSC          R75           B203   *     |
                                        | DSC          B24           B203
    --- B03  -B058  ---                 | DSC          R75           B203   *
                                        |
DSC          B24           B203         |
```

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          --- B159  ---            |          --- B189  ---
                                   |
SMP          B150                  | SMP          B180 -B188
DSC          B24           B203    | DSC          B24           B203
LMC    M  K729            B150     | DSC          R75           B203  *
DSC          R75          B203  * |
                                   |          --- B190  ---
          --- B160  ---            |
                                   | DSC          B24           B203
DSC          B24           B203    | DSC          R75           B203  *
DSC          R75          B203  * |
                                   |          --- B199  ---
          --- B161  ---            |
                                   | SMP          B150 -B190
SMP          B160                  | DSC          B24           B203
DSC          B24           B203    | LMC    M  K729            B190
LMC    M  K729            B160     | DSC          R75           B203  *
DSC          R75          B203  * |
                                   |          --- B200  ---
          --- B162  ---            |
                                   | LMC          A000 -A09     B207
DSC          B24           B203    | LMC          A200 -A309    B207
DSC          R75          B203  * | LMC          A320 -A427    B207
                                   | LMC          A429 -A599    B207
          --- B169  ---            | LMC          A601 -A70     B207
                                   | LMC          A748 -B001    B207
SMP          B160 -B162            | LMC          B003 -B004    B207
DSC          B24           B203    | LMC          B007          B207
LMC    M  K729            B162     | LMC          B009 -B069    B207
DSC          R75          B203  * | LMC          B080          B207
                                   | LMC          B082 -B085    B207
       --- B170 -B172  ---         | LMC          B09  -B199    B207
                                   | LMC          B250 -B279    B207
DSC          B24           B203    | LMC          B330 -B349    B207
DSC          R75          B203  * | LMC          B370 -B64     B207
                                   | LMC          C000 -C97     B227
          --- B178  ---            | LMC          D738          B207
                                   | LMC          E033          B207
SMP          B170 -B172            | LMC          E060 -E063    B207
DSC          B24           B203    | LMC          E065 -E069    B207
DSC          R75          B203  * | LMC          F03           B227
                                   | LMC          G000 -G039    B207
          --- B180  ---            | LMC          G042 -G09     B207
                                   | LMC          G218 -G219    B227
DSC          B24           B203    | LMC          G238 -G239    B227
DSC          R75          B203  * | LMC          G249          B227
                                   | LMC          G255          B227
          --- B181  ---            | LMC          G259          B227
                                   | LMC          G319          B227
SMP          B180                  | LMC          G369          B227
DSC          B24           B203    | LMC          G373 -G374    B207
DSC          R75          B203  * | LMC          G379          B227
                                   | LMC          G520 -G529    B227
       --- B182 -B188  ---         | LMC    M  G589          B207
                                   | LMC    M  G589          B227
DSC          B24           B203    | LMC          G610 -G619    B207
DSC          R75          B203  * | LMC    M  G628 -G629    B207
                                   | LMC    M  G628 -G629    B227
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        --- B200  ---          |        --- B200   ---
            CONTINUED          |            CONTINUED
LMC         G64         B227   | LMC         K830        B207
LMC         G728 -G729  B227   | LMC         K85         B207
LMC         G903 -G912  B227   | LMC         K861        B207
LMC         G918 -G919  B227   | LMC         L00         B207
LMC         G930 -G936  B227   | LMC         L020 -L029  B207
LMC     M   G938        B227   | LMC         L031 -L039  B207
LMC         G939        B227   | LMC         L089        B207
LMC         G951 -G952  B227   | LMC         L950 -L959  B207
LMC     M   G958        B227   | LMC     M   M000 -M1990 B207
LMC         G959 -G969  B227   | LMC         M300 -M319  B207
LMC         G98         B227   | LMC         M330 -M339  B207
LMC     M   H050 -H059  B207   | LMC         M354        B207
LMC     M   H440 -H449  B207   | LMC         M356        B207
LMC     M   H590 -H599  B207   | LMC     M   M45  -M479  B207
LMC     M   H650 -H749  B207   | LMC     M   M720 -M729  B207
LMC     M   H810 -H832  B207   | LMC         M860 -M869  B207
LMC     M   H950 -H959  B207   | LMC         M880 -M889  B207
LMC         I301 -I311  B207   | LMC     M   M939        B207
LMC         I319 -I409  B207   | LMC         N000 -N019  B207
LMC         I514        B207   | LMC         N030 -N039  B207
LMC         I518        B207   | LMC         N050 -N059  B207
LMC         I677        B207   | LMC         N10  -N12   B207
LMC         I776        B207   | LMC         N136        B207
LMC         I800 -I809  B207   | LMC         N151        B207
LMC         I821        B207   | LMC         N159        B207
LMC         I880 -I889  B207   | LMC         N288        B207
LMC         I891        B207   | LMC         N300 -N303  B207
LMC         J010 -J051  B207   | LMC         N308 -N309  B207
LMC         J120 -J219  B207   | LMC         N321 -N322  B207
LMC         J310 -J329  B207   | LMC         N340 -N342  B207
LMC         J340        B207   | LMC         N351        B207
LMC         J36  -J371  B207   | LMC         N360        B207
LMC     M   J382 -J383  B207   | LMC         N390        B207
LMC     M   J387 -J391  B207   | LMC         N410 -N419  B207
LMC         J40  -J42   B207   | LMC         N431        B207
LMC     M   J840 -J848  B207   | LMC         N450 -N459  B207
LMC     M   J849 -J8490 B227   | LMC         N481 -N482  B207
LMC         J851 -J869  B207   | LMC         N490 -N499  B207
LMC         J984        B207   | LMC         N61         B207
LMC     M   J985        B207   | LMC         N700 -N768  B207
LMC     M   J988        B207   | LMC         N820 -N829  B207
LMC         K121 -K122  B207   | LMC         R591        B227
LMC         K20  -K219  B207   | LMC         R628        B227
LMC         K290 -K291  B207   | LMC         R64         B227
LMC         K528 -K529  B207   |
LMC     M   K550 -K559  B207   |        --- B201   ---
LMC         K580        B207   |
LMC         K610 -K614  B207   | LMC         A060 -A199  B207
LMC         K628        B207   | LMC         A310        B207
LMC         K630 -K632  B207   | LMC         A318 -A319  B207
LMC         K638        B207   | LMC         A590 -A599  B207
LMC         K650 -K659  B207   | LMC         A601 -A64   B207
LMC     M   K720 -K729  B207   | LMC         A800 -B001  B207
LMC     M   K730 -K739  B207   | LMC         B003 -B004  B207
LMC         K750 -K759  B207   | LMC         B007        B207
LMC         K810 -K819  B207   | LMC         B009 -B069  B207
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--- B201 --- | --- B201 ---
CONTINUED | CONTINUED

LMC	M	Code	End	Form	*
LMC		B080		B207	
LMC		B082	-B085	B207	
LMC		B09	-B199	B207	*
LMC		B250	-B279	B207	
LMC		B330	-B349	B207	
LMC		B370	-B64	B207	
LMC		C000	-C97	B227	
LMC	M	D738		B207	
LMC	M	E033		B207	
LMC	M	E060	-E063	B207	
LMC	M	E065	-E069	B207	
LMC		F03		B227	
LMC		G030	-G039	B207	
LMC	M	G048	-G09	B207	
LMC		G218	-G219	B227	
LMC		G238	-G239	B227	
LMC		G249		B227	
LMC		G255		B227	
LMC		G259		B227	
LMC		G319		B227	
LMC		G369		B227	
LMC	M	G373	-G374	B207	
LMC		G379		B227	
LMC		G520	-G529	B227	
LMC	M	G589		B207	
LMC	M	G589		B227	
LMC	M	G610	-G619	B207	
LMC	M	G628	-G629	B207	
LMC	M	G628	-G629	B227	
LMC		G64		B227	
LMC		G728	-G729	B227	
LMC		G903	-G912	B227	
LMC		G918	-G919	B227	
LMC		G930	-G936	B227	
LMC	M	G938		B227	
LMC		G939		B227	
LMC		G951	-G952	B227	
LMC	M	G958		B227	
LMC		G959	-G969	B227	
LMC		G98		B227	
LMC	M	H050	-H059	B207	
LMC	M	H440	-H449	B207	
LMC	M	H590	-H599	B207	
LMC	M	H650	-H749	B207	
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LMC	M	H950	-H959	B207	
LMC	M	I301	-I311	B207	
LMC	M	I319	-I409	B207	
LMC	M	I514		B207	
LMC	M	I518		B207	
LMC	M	I677		B207	
LMC	M	I776		B207	
LMC	M	I800	-I809	B207	
LMC	M	I821		B207	
LMC	M	I880	-I889	B207	
LMC	M	I891		B207	

LMC	M	Code	End	Form
LMC	M	J010	-J019	B207
LMC	M	J028	-J029	B207
LMC	M	J038	-J051	B207
LMC		J120	-J129	B207
LMC		J168	-J189	B207
LMC		J203	-J207	B207
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LMC	M	J849	-J8490	B227
LMC	M	J851	-J869	B207
LMC	M	J984		B207
LMC	M	J985		B207
LMC	M	J988		B207
LMC	M	K121	-K122	B207
LMC	M	K20	-K210	B207
LMC	M	K290	-K291	B207
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LMC	M	K610	-K614	B207
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LMC	M	K750	-K759	B207
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LMC	M	K830		B207
LMC	M	K85		B207
LMC	M	K861		B207
LMC	M	L00		B207
LMC	M	L020	-L029	B207
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LMC	M	M720	-M729	B207
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LMC	M	N000	-N019	B207
LMC	M	N030	-N039	B207
LMC	M	N050	-N059	B207
LMC	M	N10	-N12	B207

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           --- B201  ---           |           --- B202  ---
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LMC     M  N136          B207      | LMC     M  G628 -G629   B207
LMC     M  N151          B207      | LMC     M  G628 -G629   B227
LMC     M  N159          B207      | LMC        G64          B227
LMC     M  N288          B207      | LMC        G728 -G729   B227
LMC     M  N300 -N303    B207      | LMC        G903 -G912   B227
LMC     M  N308 -N309    B207      | LMC        G918 -G919   B227
LMC     M  N340 -N342    B207      | LMC        G930 -G936   B227
LMC     M  N390          B207      | LMC     M  G938         B227
LMC     M  N410 -N419    B207      | LMC        G939         B227
LMC     M  N450 -N459    B207      | LMC        G951 -G952   B227
LMC     M  N481 -N482    B207      | LMC     M  G958         B227
LMC     M  N490 -N499    B207      | LMC        G959 -G969   B227
LMC     M  N61           B207      | LMC        G98          B227
LMC     M  N700 -N768    B207      | LMC     M  H050 -H059   B207
LMC     M  N820 -N829    B207      | LMC     M  H440 -H449   B207
LMC        R591          B227      | LMC     M  H590 -H599   B207
LMC        R628          B227      | LMC     M  H650 -H749   B207
LMC        R64           B227      | LMC     M  H810 -H832   B207
                                   | LMC     M  H950 -H959   B207
           --- B202  ---           | LMC        I301 -I311   B207
                                   | LMC        I319 -I409   B207
LMC        A000 -A310    B207      | LMC        I514         B207
LMC        A318 -A427    B207      | LMC        I518         B207
LMC        A429 -A599    B207      | LMC        I677         B207
LMC        A601 -A70     B207      | LMC        I776         B207
LMC        A748 -B001    B207      | LMC        I800 -I809   B207
LMC        B003 -B004    B207      | LMC        I821         B207
LMC        B007          B207      | LMC        I880 -I889   B207
LMC        B009 -B069    B207      | LMC        I891         B207
LMC        B080          B207      | LMC        J010 -J051   B207
LMC        B082 -B085    B207      | LMC        J120 -J219   B207
LMC        B09  -B199    B207   *  | LMC        J310 -J329   B207
LMC        B260 -B279    B207      | LMC        J340         B207
LMC        B330 -B349    B207      | LMC        J36  -J371   B207
LMC        B370 -B64     B207      | LMC     M  J382 -J383   B207
LMC        C000 -C97     B227      | LMC     M  J387 -J391   B207
LMC        D738          B207      | LMC        J40  -J42    B207
LMC        E033          B207      | LMC     M  J840 -J848   B207
LMC        E060 -E063    B207      | LMC     M  J849 -J8490  B227
LMC        E065 -E069    B207      | LMC        J851 -J869   B207
LMC        F03           B227      | LMC        J984         B207
LMC        G000 -G039    B207      | LMC     M  J985         B207
LMC        G042 -G09     B207      | LMC     M  J988         B207
LMC        G218 -G219    B227      | LMC        K121 -K122   B207
LMC        G238 -G239    B227      | LMC        K20  -K219   B207
LMC        G249          B227      | LMC        K290 -K291   B207
LMC        G255          B227      | LMC        K528 -K529   B207
LMC        G259          B227      | LMC     M  K550 -K559   B207
LMC        G319          B227      | LMC        K580         B207
LMC        G369          B227      | LMC        K610 -K614   B207
LMC        G373 -G374    B207      | LMC        K628         B207
LMC        G379          B227      | LMC        K630 -K632   B207
LMC        G520 -G529    B227      | LMC        K638         B207
LMC     M  G589          B207      | LMC        K650 -K659   B207
LMC     M  G589          B227      | LMC     M  K720 -K729   B207
LMC        G610 -G619    B207      | LMC     M  K730 -K739   B207
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		--- B202 ---					--- B203 ---	
		CONTINUED					CONTINUED	
LMC		K750 -K759	B207	LMC		B370 -B64	B207
LMC		K810 -K819	B207	LMC		C000 -C97	B227
LMC		K830	B207	LMC	M	D738	B207
LMC		K85	B207	LMC	M	E033	B207
LMC		K861	B207	LMC	M	E060 -E063	B207
LMC		L00	B207	LMC	M	E065 -E069	B207
LMC		L020 -L029	B207	LMC		G030 -G039	B207
LMC		L031 -L039	B207	LMC	M	G048 -G09	B207
LMC		L089	B207	LMC		G218 -G219	B227
LMC		L950 -L959	B207	LMC		G238 -G239	B227
LMC	M	M000 -M1990	B207	LMC		G249	B227
LMC		M300 -M319	B207	LMC		G255	B227
LMC		M330 -M339	B207	LMC		G259	B227
LMC		M354	B207	LMC		G319	B227
LMC		M356	B207	LMC		G369	B227
LMC	M	M45 -M479	B207	LMC	M	G373 -G374	B207
LMC	M	M720 -M729	B207	LMC		G379	B227
LMC		M860 -M869	B207	LMC		G520 -G529	B227
LMC		M880 -M889	B207	LMC	M	G589	B207
LMC	M	M939	B207	LMC	M	G589	B227
LMC		N000 -N019	B207	LMC	M	G610 -G619	B207
LMC		N030 -N039	B207	LMC	M	G628 -G629	B207
LMC		N050 -N059	B207	LMC	M	G628 -G629	B227
LMC		N10 -N12	B207	LMC		G64	B227
LMC		N136	B207	LMC		G728 -G729	B227
LMC		N151	B207	LMC		G903 -G912	B227
LMC		N159	B207	LMC		G918 -G919	B227
LMC		N288	B207	LMC		G930 -G936	B227
LMC		N300 -N303	B207	LMC	M	G938	B227
LMC		N308 -N309	B207	LMC		G939	B227
LMC		N321 -N322	B207	LMC		G951 -G952	B227
LMC		N340 -N342	B207	LMC	M	G958	B227
LMC		N351	B207	LMC		G959 -G969	B227
LMC		N360	B207	LMC		G98	B227
LMC		N390	B207	LMC	M	H050 -H059	B207
LMC		N410 -N419	B207	LMC	M	H440 -H449	B207
LMC		N431	B207	LMC	M	H590 -H599	B207
LMC		N450 -N459	B207	LMC	M	H650 -H749	B207
LMC		N481 -N482	B207	LMC	M	H810 -H832	B207
LMC		N490 -N499	B207	LMC	M	H950 -H959	B207
LMC		N61	B207	LMC	M	I301 -I311	B207
LMC		N700 -N768	B207	LMC	M	I319 -I409	B207
LMC		N820 -N829	B207	LMC	M	I514	B207
LMC		R591	B227	LMC	M	I518	B207
LMC		R628	B227	LMC	M	I677	B207
LMC		R64	B227	LMC	M	I776	B207
				LMC	M	I800 -I809	B207
		--- B203 ---		LMC	M	I821	B207
				LMC	M	I880 -I889	B207
LMC		A000 -A079	B207	LMC	M	I891	B207
LMC		A09 -A310	B207	LMC	M	J010 -J019	B207
LMC		A318 -A427	B207	LMC	M	J028 -J029	B207
LMC		A429 -A599	B207	LMC	M	J038 -J051	B207
LMC		A630 -A70	B207	LMC		J13 -J159	B207
LMC		A748 -A799	B207	LMC		J168 -J202	B207
LMC		B250 -B259	B207	LMC	M	J208 -J209	B207

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              --- B203  ---                  |              --- B203  ---
                CONTINUED                    |                CONTINUED
LMC     M  J218 -J219   B207     | LMC     M  N410 -N419   B207
LMC     M  J310 -J329   B207     | LMC     M  N450 -N459   B207
LMC     M  J340         B207     | LMC     M  N481 -N482   B207
LMC     M  J36  -J371   B207     | LMC     M  N490 -N499   B207
LMC     M  J382 -J383   B207     | LMC     M  N61          B207
LMC     M  J387 -J391   B207     | LMC     M  N700 -N768   B207
LMC     M  J40  -J42    B207     | LMC     M  N820 -N829   B207
LMC     M  J840 -J848   B207     | LMC        R591         B227
LMC     M  J849 -J8490  B227     | LMC        R628         B227
LMC     M  J851 -J869   B207     | LMC        R64          B227
LMC     M  J984         B207     |
LMC     M  J985         B207     |              --- B204  ---
LMC     M  J988         B207     |
LMC     M  K121 -K122   B207     | LMC        A000 -A310   B207
LMC     M  K20  -K210   B207     | LMC        A318 -A427   B207
LMC     M  K290 -K291   B207     | LMC        A429 -A599   B207
LMC     M  K293 -K299   B207     | LMC        A601 -A70    B207
LMC     M  K528 -K559   B207     | LMC        A748 -B001   B207
LMC     M  K580         B207     | LMC        B003 -B004   B207
LMC     M  K610 -K614   B207     | LMC        B007         B207
LMC     M  K628         B207     | LMC        B009 -B069   B207
LMC     M  K630         B207     | LMC        B080         B207
LMC     M  K632         B207     | LMC        B082 -B085   B207
LMC     M  K638         B207     | LMC        B09  -B199   B207  *
LMC     M  K650 -K659   B207     | LMC        B250 -B279   B207
LMC     M  K750 -K759   B207     | LMC        B330 -B349   B207
LMC     M  K810 -K819   B207     | LMC        B380 -B64    B207
LMC     M  K830         B207     | LMC        C000 -C97    B227
LMC     M  K85          B207     | LMC        D738         B207
LMC     M  K861         B207     | LMC        E033         B207
LMC     M  L00          B207     | LMC        E060 -E063   B207
LMC     M  L020 -L029   B207     | LMC        E065 -E069   B207
LMC     M  L031 -L039   B207     | LMC        F03          B227
LMC     M  L089         B207     | LMC        G000 -G039   B207
LMC     M  L950 -L959   B207     | LMC        G042 -G09    B207
LMC     M  M000 -M1990  B207     | LMC        G218 -G219   B227
LMC     M  M300 -M319   B207     | LMC        G238 -G239   B227
LMC     M  M330 -M339   B207     | LMC        G249         B227
LMC     M  M354         B207     | LMC        G255         B227
LMC     M  M356         B207     | LMC        G259         B227
LMC     M  M45  -M479   B207     | LMC        G319         B227
LMC     M  M720 -M729   B207     | LMC        G369         B227
LMC     M  M860 -M869   B207     | LMC        G373 -G374   B207
LMC     M  M939         B207     | LMC        G379         B227
LMC     M  N000 -N019   B207     | LMC        G520 -G529   B227
LMC     M  N030 -N039   B207     | LMC     M  G589         B207
LMC     M  N050 -N059   B207     | LMC     M  G589         B227
LMC     M  N10  -N12    B207     | LMC        G610 -G619   B207
LMC     M  N136         B207     | LMC     M  G628 -G629   B207
LMC     M  N151         B207     | LMC     M  G628 -G629   B227
LMC     M  N159         B207     | LMC        G64          B227
LMC     M  N288         B207     | LMC        G728 -G729   B227
LMC     M  N300 -N303   B207     | LMC        G903 -G912   B227
LMC     M  N308 -N309   B207     | LMC        G918 -G919   B227
LMC     M  N340 -N342   B207     | LMC        G930 -G936   B227
LMC     M  N390         B207     | LMC     M  G938         B227
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        --- B204  ---              |        --- B204   ---
          CONTINUED                |          CONTINUED
LMC       G939         B227  | LMC       L089         B207
LMC       G951 -G952   B227  | LMC       L950 -L959   B207
LMC    M  G958         B227  | LMC    M  M000 -M1990  B207
LMC       G959 -G969   B227  | LMC       M300 -M319   B207
LMC       G98          B227  | LMC       M330 -M339   B207
LMC    M  H050 -H059   B207  | LMC       M354         B207
LMC    M  H440 -H449   B207  | LMC       M356         B207
LMC    M  H590 -H599   B207  | LMC    M  M45  -M479   B207
LMC    M  H650 -H749   B207  | LMC    M  M720 -M729   B207
LMC    M  H810 -H832   B207  | LMC       M860 -M869   B207
LMC    M  H950 -H959   B207  | LMC       M880 -M889   B207
LMC       I301 -I311   B207  | LMC    M  M939         B207
LMC       I319 -I409   B207  | LMC       N000 -N019   B207
LMC       I514         B207  | LMC       N030 -N039   B207
LMC       I518         B207  | LMC       N050 -N059   B207
LMC       I677         B207  | LMC       N10  -N12    B207
LMC       I776         B207  | LMC       N136         B207
LMC       I800 -I809   B207  | LMC       N151         B207
LMC       I821         B207  | LMC       N159         B207
LMC       I880 -I889   B207  | LMC       N288         B207
LMC       I891         B207  | LMC       N300 -N303   B207
LMC       J010 -J051   B207  | LMC       N308 -N309   B207
LMC       J120 -J219   B207  | LMC       N321 -N322   B207
LMC       J310 -J329   B207  | LMC       N340 -N342   B207
LMC       J340         B207  | LMC       N351         B207
LMC       J36  -J371   B207  | LMC       N360         B207
LMC    M  J382 -J383   B207  | LMC       N390         B207
LMC    M  J387 -J391   B207  | LMC       N410 -N419   B207
LMC       J40  -J42    B207  | LMC       N431         B207
LMC    M  J840 -J848   B207  | LMC       N450 -N459   B207
LMC    M  J849 -J8490  B227  | LMC       N481 -N482   B207
LMC       J851 -J869   B207  | LMC       N490 -N499   B207
LMC       J984         B207  | LMC       N61          B207
LMC    M  J985         B207  | LMC       N700 -N768   B207
LMC    M  J988         B207  | LMC       N820 -N829   B207
LMC       K121 -K122   B207  | LMC       R591         B227
LMC       K20  -K219   B207  | LMC       R628         B227
LMC       K290 -K291   B207  | LMC       R64          B227
LMC       K528 -K529   B207  |
LMC    M  K550 -K559   B207  |        --- B205  ---
LMC       K580         B207  |
LMC       K610 -K614   B207  | LMC       A000 -A310   B207
LMC       K628         B207  | LMC       A318 -A427   B207
LMC       K630 -K632   B207  | LMC       A429 -A599   B207
LMC       K638         B207  | LMC       A601 -A70    B207
LMC       K650 -K659   B207  | LMC       A748 -B001   B207
LMC    M  K720 -K729   B207  | LMC       B003 -B004   B207
LMC    M  K730 -K739   B207  | LMC       B007         B207
LMC       K750 -K759   B207  | LMC       B009 -B069   B207
LMC       K810 -K819   B207  | LMC       B080         B207
LMC       K830         B207  | LMC       B082 -B085   B207
LMC       K85          B207  | LMC       B09  -B199   B207  *
LMC       K861         B207  | LMC       B250 -B279   B207
LMC       L00          B207  | LMC       B330 -B349   B207
LMC       L020 -L029   B207  | LMC       B370 -B379   B207
LMC       L031 -L039   B207  | LMC       B500 -B64    B207
```

		--- B205 ---						--- B205 ---	
		CONTINUED						CONTINUED	
LMC		C000 -C97	B227	LMC	M	J387 -J391	B207		
LMC		D738	B207	LMC		J40 -J42	B207		
LMC		E033	B207	LMC	M	J840 -J848	B207		
LMC		E060 -E063	B207	LMC	M	J849 -J8490	B227		
LMC		E065 -E069	B207	LMC		J851 -J869	B207		
LMC		F03	B227	LMC		J984	B207		
LMC		G000 -G039	B207	LMC	M	J985	B207		
LMC		G042 -G09	B207	LMC	M	J988	B207		
LMC		G218 -G219	B227	LMC		K121 -K122	B207		
LMC		G238 -G239	B227	LMC		K20 -K219	B207		
LMC		G249	B227	LMC		K290 -K291	B207		
LMC		G255	B227	LMC		K528 -K529	B207		
LMC		G259	B227	LMC	M	K550 -K559	B207		
LMC		G319	B227	LMC		K580	B207		
LMC		G369	B227	LMC		K610 -K614	B207		
LMC		G373 -G374	B207	LMC		K628	B207		
LMC		G379	B227	LMC		K630 -K632	B207		
LMC		G520 -G529	B227	LMC		K638	B207		
LMC	M	G589	B207	LMC		K650 -K659	B207		
LMC	M	G589	B227	LMC	M	K720 -K729	B207		
LMC		G610 -G619	B207	LMC	M	K730 -K739	B207		
LMC	M	G628 -G629	B207	LMC		K750 -K759	B207		
LMC	M	G628 -G629	B227	LMC		K810 -K819	B207		
LMC		G64	B227	LMC		K830	B207		
LMC		G728 -G729	B227	LMC		K85	B207		
LMC		G903 -G912	B227	LMC		K861	B207		
LMC		G918 -G919	B227	LMC		L00	B207		
LMC		G930 -G936	B227	LMC		L020 -L029	B207		
LMC	M	G938	B227	LMC		L031 -L039	B207		
LMC		G939	B227	LMC		L089	B207		
LMC		G951 -G952	B227	LMC		L950 -L959	B207		
LMC	M	G958	B227	LMC	M	M000 -M1990	B207		
LMC		G959 -G969	B227	LMC		M300 -M319	B207		
LMC		G98	B227	LMC		M330 -M339	B207		
LMC	M	H050 -H059	B207	LMC		M354	B207		
LMC	M	H440 -H449	B207	LMC		M356	B207		
LMC	M	H590 -H599	B207	LMC	M	M45 -M479	B207		
LMC	M	H650 -H749	B207	LMC	M	M720 -M729	B207		
LMC	M	H810 -H832	B207	LMC		M860 -M869	B207		
LMC	M	H950 -H959	B207	LMC		M880 -M889	B207		
LMC		I301 -I311	B207	LMC	M	M939	B207		
LMC		I319 -I409	B207	LMC		N000 -N019	B207		
LMC		I514	B207	LMC		N030 -N039	B207		
LMC		I518	B207	LMC		N050 -N059	B207		
LMC		I677	B207	LMC		N10 -N12	B207		
LMC		I776	B207	LMC		N136	B207		
LMC		I800 -I809	B207	LMC		N151	B207		
LMC		I821	B207	LMC		N159	B207		
LMC		I880 -I889	B207	LMC		N288	B207		
LMC		I891	B207	LMC		N300 -N303	B207		
LMC		J010 -J051	B207	LMC		N308 -N309	B207		
LMC		J120 -J219	B207	LMC		N321 -N322	B207		
LMC		J310 -J329	B207	LMC		N340 -N342	B207		
LMC		J340	B207	LMC		N351	B207		
LMC		J36 -J371	B207	LMC		N360	B207		
LMC	M	J382 -J383	B207	LMC		N390	B207		

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                --- B205  ---           |          --- B206  ---
                  CONTINUED             |             CONTINUED
LMC             N410 -N419   B207       | LMC          G930 -G936   B227
LMC             N431         B207       | LMC       M  G938         B227
LMC             N450 -N459   B207       | LMC          G939         B227
LMC             N481 -N482   B207       | LMC          G951 -G952   B227
LMC             N490 -N499   B207       | LMC       M  G958         B227
LMC             N61          B207       | LMC          G959 -G969   B227
LMC             N700 -N768   B207       | LMC          G98          B227
LMC             N820 -N829   B207       | LMC       M  H050 -H059   B207
LMC             R591         B227       | LMC       M  H440 -H449   B207
LMC             R628         B227       | LMC       M  H590 -H599   B207
LMC             R64          B227       | LMC       M  H650 -H749   B207
                                        | LMC       M  H810 -H832   B207
                --- B206  ---           | LMC       M  H950 -H959   B207
                                        | LMC          I301 -I311   B207
LMC             A000 -A310   B207       | LMC          I319 -I409   B207
LMC             A318 -A427   B207       | LMC          I514         B207
LMC             A429 -A599   B207       | LMC          I518         B207
LMC             A601 -A70    B207       | LMC          I677         B207
LMC             A748 -B001   B207       | LMC          I776         B207
LMC             B003 -B004   B207       | LMC          I800 -I809   B207
LMC             B007         B207       | LMC          I821         B207
LMC             B009 -B069   B207       | LMC          I880 -I889   B207
LMC             B080         B207       | LMC          I891         B207
LMC             B082 -B085   B207       | LMC          J010 -J051   B207
LMC             B09  -B199   B207  *    | LMC          J120 -J219   B207
LMC             B250 -B279   B207       | LMC          J310 -J329   B207
LMC             B330 -B349   B207       | LMC          J340         B207
LMC             B370 -B589   B207       | LMC          J36  -J371   B207
LMC             B600 -B64    B207       | LMC       M  J382 -J383   B207
LMC             C000 -C97    B227       | LMC       M  J387 -J391   B207
LMC             D738         B207       | LMC          J40  -J42    B207
LMC             E033         B207       | LMC       M  J840 -J848   B207
LMC             E060 -E063   B207       | LMC       M  J849 -J8490  B227
LMC             E065 -E069   B207       | LMC          J851 -J869   B207
LMC             F03          B227       | LMC          J984         B207
LMC             G000 -G039   B207       | LMC       M  J985         B207
LMC             G042 -G09    B207       | LMC       M  J988         B207
LMC             G218 -G219   B227       | LMC          K121 -K122   B207
LMC             G238 -G239   B227       | LMC          K20  -K219   B207
LMC             G249         B227       | LMC          K290 -K291   B207
LMC             G255         B227       | LMC          K528 -K529   B207
LMC             G259         B227       | LMC       M  K550 -K559   B207
LMC             G319         B227       | LMC          K580         B207
LMC             G369         B227       | LMC          K610 -K614   B207
LMC             G373 -G374   B207       | LMC          K628         B207
LMC             G379         B227       | LMC          K630 -K632   B207
LMC             G520 -G529   B227       | LMC          K638         B207
LMC          M  G589         B207       | LMC          K650 -K659   B207
LMC          M  G589         B227       | LMC       M  K720 -K729   B207
LMC             G610 -G619   B207       | LMC       M  K730 -K739   B207
LMC          M  G628 -G629   B207       | LMC          K750 -K759   B207
LMC          M  G628 -G629   B227       | LMC          K810 -K819   B207
LMC             G64          B227       | LMC          K830         B207
LMC             G728 -G729   B227       | LMC          K85          B207
LMC             G903 -G912   B227       | LMC          K861         B207
LMC             G918 -G919   B227       | LMC          L00          B207
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          --- B206  ---            |         --- B207  ---
              CONTINUED            |             CONTINUED
LMC          L020 -L029   B207     | LMC         G64          B227
LMC          L031 -L039   B207     | LMC         G728 -G729   B227
LMC          L089         B207     | LMC         G903 -G912   B227
LMC          L950 -L959   B207     | LMC         G918 -G919   B227
LMC     M    M000 -M1990  B207     | LMC         G930 -G936   B227
LMC          M300 -M319   B207     | LMC     M   G938         B227
LMC          M330 -M339   B207     | LMC         G939         B227
LMC          M354         B207     | LMC         G951 -G952   B227
LMC          M356         B207     | LMC     M   G958         B227
LMC     M    M45  -M479   B207     | LMC         G959 -G969   B227
LMC     M    M720 -M729   B207     | LMC         G98          B227
LMC          M860 -M869   B207     | LMC     M   J849 -J8490  B227
LMC          M880 -M889   B207     | LMC         R591         B227
LMC     M    M939         B207     | LMC         R628         B227
LMC          N000 -N019   B207     | LMC         R64          B227
LMC          N030 -N039   B207     |
LMC          N050 -N059   B207     |         --- B208  ---
LMC          N10  -N12    B207     |
LMC          N136         B207     | LMC         A000 -A059   B207
LMC          N151         B207     | LMC         A080 -A085   B207
LMC          N159         B207     | LMC         A162 -A310   B207
LMC          N288         B207     | LMC         A318 -A427   B207
LMC          N300 -N303   B207     | LMC         A429 -A58    B207
LMC          N308 -N309   B207     | LMC         A601 -A609   B207
LMC          N321 -N322   B207     | LMC         A65  -A70    B207
LMC          N340 -N342   B207     | LMC         A748 -B001   B207
LMC          N351         B207     | LMC         B003 -B004   B207
LMC          N360         B207     | LMC         B007         B207
LMC          N390         B207     | LMC         B009 -B069   B207
LMC          N410 -N419   B207     | LMC         B080         B207
LMC          N431         B207     | LMC         B082 -B085   B207
LMC          N450 -N459   B207     | LMC         B09  -B199   B207   *
LMC          N481 -N482   B207     | LMC         B250 -B279   B207
LMC          N490 -N499   B207     | LMC         B330 -B349   B207
LMC          N61          B207     | LMC         B370 -B49    B207
LMC          N700 -N768   B207     | LMC         B59          B207
LMC          N820 -N829   B207     | LMC         C000 -C97    B227
LMC          R591         B227     | LMC         D738         B207
LMC          R628         B227     | LMC         E033         B207
LMC          R64          B227     | LMC         E060 -E063   B207
                                   | LMC         E065 -E069   B207
          --- B207  ---            | LMC         F03          B227
                                   | LMC         G000 -G039   B207
LMC          C000 -C97    B227     | LMC         G042 -G09    B207
LMC          F03          B227     | LMC         G218 -G219   B227
LMC          G218 -G219   B227     | LMC         G238 -G239   B227
LMC          G238 -G239   B227     | LMC         G249         B227
LMC          G249         B227     | LMC         G255         B227
LMC          G255         B227     | LMC         G259         B227
LMC          G259         B227     | LMC         G319         B227
LMC          G319         B227     | LMC         G369         B227
LMC          G369         B227     | LMC         G373 -G374   B207
LMC          G379         B227     | LMC         G379         B227
LMC          G520 -G529   B227     | LMC         G520 -G529   B227
LMC     M    G589         B227     | LMC     M   G589         B207
LMC     M    G628 -G629   B227     | LMC     M   G589         B227
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        --- B208  ---              |       --- B208  ---
          CONTINUED                |         CONTINUED
LMC         G610 -G619   B207      | LMC   M K730 -K739   B207
LMC   M     G628 -G629   B207      | LMC     K750 -K759   B207
LMC   M     G628 -G629   B227      | LMC     K810 -K819   B207
LMC         G64          B227      | LMC     K830         B207
LMC         G728 -G729   B227      | LMC     K85          B207
LMC         G903 -G912   B227      | LMC     K861         B207
LMC         G918 -G919   B227      | LMC     L00          B207
LMC         G930 -G936   B227      | LMC     L020 -L029   B207
LMC   M     G938         B227      | LMC     L031 -L039   B207
LMC         G939         B227      | LMC     L089         B207
LMC         G951 -G952   B227      | LMC     L950 -L959   B207
LMC   M     G958         B227      | LMC   M M000 -M1990  B207
LMC         G959 -G969   B227      | LMC     M300 -M319   B207
LMC         G98          B227      | LMC     M330 -M339   B207
LMC   M     H050 -H059   B207      | LMC     M354         B207
LMC   M     H440 -H449   B207      | LMC     M356         B207
LMC   M     H590 -H599   B207      | LMC   M M45  -M479   B207
LMC   M     H650 -H749   B207      | LMC   M M720 -M729   B207
LMC   M     H810 -H832   B207      | LMC     M860 -M869   B207
LMC   M     H950 -H959   B207      | LMC     M880 -M889   B207
LMC         I301 -I311   B207      | LMC   M M939         B207
LMC         I319 -I409   B207      | LMC     N000 -N019   B207
LMC         I514         B207      | LMC     N030 -N039   B207
LMC         I518         B207      | LMC     N050 -N059   B207
LMC         I677         B207      | LMC     N10  -N12    B207
LMC         I776         B207      | LMC     N136         B207
LMC         I800 -I809   B207      | LMC     N151         B207
LMC         I821         B207      | LMC     N159         B207
LMC         I880 -I889   B207      | LMC     N288         B207
LMC         I891         B207      | LMC     N300 -N303   B207
LMC         J010 -J051   B207      | LMC     N308 -N309   B207
LMC         J120 -J219   B207      | LMC     N321 -N322   B207
LMC         J310 -J329   B207      | LMC     N340 -N342   B207
LMC         J340         B207      | LMC     N351         B207
LMC         J36  -J371   B207      | LMC     N360         B207
LMC   M     J382 -J383   B207      | LMC     N390         B207
LMC   M     J387 -J391   B207      | LMC     N410 -N419   B207
LMC         J40  -J42    B207      | LMC     N431         B207
LMC   M     J840 -J848   B207      | LMC     N450 -N459   B207
LMC   M     J849 -J8490  B227      | LMC     N481 -N482   B207
LMC         J851 -J869   B207      | LMC     N490 -N499   B207
LMC         J984         B207      | LMC     N61          B207
LMC   M     J985         B207      | LMC     N700 -N768   B207
LMC   M     J988         B207      | LMC     N820 -N829   B207
LMC         K121 -K122   B207      | LMC     R591         B227
LMC         K20  -K219   B207      | LMC     R628         B227
LMC         K290 -K291   B207      | LMC     R64          B227
LMC         K528 -K529   B207      |
LMC   M     K550 -K559   B207      |       --- B209  ---
LMC         K580         B207      |
LMC         K610 -K614   B207      | SMC     A000 -A059   B201
LMC         K628         B207      | SMC     A060 -A079   B208
LMC         K630 -K632   B207      | SMC     A080 -A085   B203
LMC         K638         B207      | SMC     A09          B208
LMC         K650 -K659   B207      | SMC     A162 -A199   B200
LMC   M     K720 -K729   B207      | SMC     A200 -A309   B201
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          --- B209  ---          |         --- B210  ---
             CONTINUED          |            CONTINUED
SMC        A318 -A319  B200  *  | LMC        A748 -B001  B227
SMC        A320 -A427  B201  *  | LMC        B003 -B004  B227
SMC        A429 -A58   B201  *  | LMC        B007        B227
SMC        A590 -A599  B208     | LMC        B009 -B069  B227
SMC        A601 -A609  B203  *  | LMC        B080        B227
SMC        A630 -A64   B208     | LMC        B082 -B085  B227
SMC        A65  -A70   B201  *  | LMC        B09  -B199  B227   *
SMC        A748 -A799  B201  *  | LMC        B250 -B279  B227
SMC        A800 -B001  B203  *  | LMC        B330 -B349  B227
SMC        B003 -B004  B203  *  | LMC        B370 -B64   B227
SMC        B007        B203  *  | LMC        B99         B227
SMC        B009 -B069  B203  *  | LMC        C000 -C459  B217
SMC        B080        B203  *  | LMC        C470 -C969  B217
SMC        B082 -B085  B203  *  | LMC        D738        B227
SMC        B09  -B199  B203  *  | LMC        E033        B227
SMC        B250 -B259  B202     | LMC        E060 -E063  B227
SMC        B370 -B379  B204     | LMC        E065 -E069  B227
SMC        B380 -B49   B205     | LMC        F03         B227
SMC        B500 -B589  B208     | LMC        G000 -G039  B227
SMC        B59         B206     | LMC        G042 -G09   B227
SMC        B600 -B64   B208     | LMC        G218 -G219  B227
LMC        C000 -C97   B227     | LMC        G238 -G239  B227
LMC        F03         B227     | LMC        G249        B227
LMC        G218 -G219  B227     | LMC        G255        B227
LMC        G238 -G239  B227     | LMC        G259        B227
LMC        G249        B227     | LMC        G319        B227
LMC        G255        B227     | LMC        G369        B227
LMC        G259        B227     | LMC        G373 -G374  B227
LMC        G319        B227     | LMC        G379        B227
LMC        G369        B227     | LMC        G520 -G529  B227
LMC        G379        B227     | LMC        G589        B227
LMC        G520 -G529  B227     | LMC        G610 -G619  B227
LMC   M    G589        B227     | LMC        G628 -G64   B227
LMC   M    G628 -G629  B227     | LMC        G728 -G729  B227
LMC        G64         B227     | LMC        G903 -G912  B227
LMC        G728 -G729  B227     | LMC        G918 -G919  B227
LMC        G903 -G912  B227     | LMC        G930 -G936  B227
LMC        G918 -G919  B227     | LMC   M    G938        B227
LMC        G930 -G936  B227     | LMC        G939        B227
LMC   M    G938        B227     | LMC        G951 -G952  B227
LMC        G939        B227     | LMC   M    G958        B227
LMC        G951 -G952  B227     | LMC        G959 -G969  B227
LMC   M    G958        B227     | LMC        G98         B227
LMC        G959 -G969  B227     | LMC   M    H050 -H059  B227
LMC        G98         B227     | LMC   M    H440 -H449  B227
LMC   M    J849 -J8490 B227     | LMC   M    H590 -H599  B227
LMC        R591        B227     | LMC   M    H650 -H749  B227
LMC        R628        B227     | LMC   M    H810 -H832  B227
LMC        R64         B227     | LMC   M    H950 -H959  B227
                                | LMC        I301 -I311  B227
          --- B210  ---         | LMC        I319 -I409  B227
                                | LMC        I514        B227
LMC        A000 -A310  B227     | LMC        I518        B227
LMC        A318 -A427  B227     | LMC        I677        B227
LMC        A429 -A599  B227     | LMC        I776        B227
LMC        A601 -A70   B227     | LMC        I800 -I809  B227
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            --- B210  ---         |       --- B210  ---
              CONTINUED           |         CONTINUED
LMC           I821        B227    | LMC     N10  -N12    B227
LMC           I880 -I889  B227    | LMC     N136        B227
LMC           I891        B227    | LMC     N151        B227
LMC           J010 -J051  B227    | LMC     N159        B227
LMC           J120 -J219  B227    | LMC     N288        B227
LMC           J310 -J329  B227    | LMC     N300 -N303  B227
LMC           J340        B227    | LMC     N308 -N309  B227
LMC           J36  -J371  B227    | LMC     N321 -N322  B227
LMC       M   J382 -J383  B227    | LMC     N340 -N342  B227
LMC       M   J387        B227    | LMC     N351        B227
LMC           J390 -J391  B227    | LMC     N360        B227
LMC           J40  -J42   B227    | LMC     N390        B227
LMC           J840 -J848  B227    | LMC     N410 -N419  B227
LMC       M   J849 -J8490 B227    | LMC     N431        B227
LMC           J851 -J869  B227    | LMC     N450 -N459  B227
LMC           J984        B227    | LMC     N481 -N482  B227
LMC       M   J985        B227    | LMC     N490 -N499  B227
LMC       M   J988        B227    | LMC     N61         B227
LMC           K121 -K122  B227    | LMC     N700 -N768  B227
LMC           K20  -K219  B227    | LMC     N820 -N829  B227
LMC           K290 -K291  B227    | LMC     R591        B227
LMC           K293 -K299  B227    | LMC     R628        B227
LMC           K528 -K529  B227    | LMC     R64         B227
LMC       M   K550 -K559  B227    |
LMC           K580        B227    |       --- B211  ---
LMC           K610 -K614  B227    |
LMC           K628        B227    | LMC     A000 -A310  B227
LMC           K630        B227    | LMC     A318 -A427  B227
LMC           K632        B227    | LMC     A429 -A599  B227
LMC           K638        B227    | LMC     A601 -A70   B227
LMC           K650 -K659  B227    | LMC     A748 -B001  B227
LMC       M   K720 -K729  B227    | LMC     B003 -B004  B227
LMC       M   K730 -K739  B227    | LMC     B007        B227
LMC           K750 -K759  B227    | LMC     B009 -B069  B227
LMC           K810 -K819  B227    | LMC     B080        B227
LMC           K830        B227    | LMC     B082 -B085  B227
LMC           K85         B227    | LMC     B09  -B199  B227  *
LMC           K861        B227    | LMC     B250 -B279  B227
LMC           L00         B227    | LMC     B330 -B349  B227
LMC           L020 -L029  B227    | LMC     B370 -B64   B227
LMC           L031 -L039  B227    | LMC     B99         B227
LMC           L089        B227    | LMC     C000 -C836  B217
LMC           L950 -L959  B227    | LMC     C838 -C969  B217
LMC       M   M000 -M1990 B227    | LMC     D738        B227
LMC           M300 -M319  B227    | LMC     E033        B227
LMC           M330 -M339  B227    | LMC     E060 -E063  B227
LMC           M354        B227    | LMC     E065 -E069  B227
LMC           M356        B227    | LMC     F03         B227
LMC       M   M45  -M479  B227    | LMC     G000 -G039  B227
LMC       M   M720 -M729  B227    | LMC     G042 -G09   B227
LMC           M860 -M869  B227    | LMC     G218 -G219  B227
LMC           M880 -M889  B227    | LMC     G238 -G239  B227
LMC       M   M939        B227    | LMC     G249        B227
LMC           N000 -N019  B227    | LMC     G255        B227
LMC           N030 -N039  B227    | LMC     G259        B227
LMC           N050 -N059  B227    | LMC     G319        B227
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        --- B211  ---          |        --- B211  ---
          CONTINUED            |          CONTINUED
LMC       G369        B227     | LMC      K632        B227
LMC       G373 -G374  B227     | LMC      K638        B227
LMC       G379        B227     | LMC      K650 -K659  B227
LMC       G520 -G529  B227     | LMC    M K720 -K729  B227
LMC       G589        B227     | LMC    M K730 -K739  B227
LMC       G610 -G619  B227     | LMC      K750 -K759  B227
LMC       G628 -G64   B227     | LMC      K810 -K819  B227
LMC       G728 -G729  B227     | LMC      K830        B227
LMC       G903 -G912  B227     | LMC      K85         B227
LMC       G918 -G919  B227     | LMC      K861        B227
LMC       G930 -G936  B227     | LMC      L00         B227
LMC     M G938        B227     | LMC      L020 -L029  B227
LMC       G939        B227     | LMC      L031 -L039  B227
LMC       G951 -G952  B227     | LMC      L089        B227
LMC     M G958        B227     | LMC      L950 -L959  B227
LMC       G959 -G969  B227     | LMC    M M000 -M1990 B227
LMC       G98         B227     | LMC      M300 -M319  B227
LMC     M H050 -H059  B227     | LMC      M330 -M339  B227
LMC     M H440 -H449  B227     | LMC      M354        B227
LMC     M H590 -H599  B227     | LMC      M356        B227
LMC     M H650 -H749  B227     | LMC    M M45  -M479  B227
LMC     M H810 -H832  B227     | LMC    M M720 -M729  B227
LMC     M H950 -H959  B227     | LMC      M860 -M869  B227
LMC       I301 -I311  B227     | LMC      M880 -M889  B227
LMC       I319 -I409  B227     | LMC    M M939        B227
LMC       I514        B227     | LMC      N000 -N019  B227
LMC       I518        B227     | LMC      N030 -N039  B227
LMC       I677        B227     | LMC      N050 -N059  B227
LMC       I776        B227     | LMC      N10  -N12   B227
LMC       I800 -I809  B227     | LMC      N136        B227
LMC       I821        B227     | LMC      N151        B227
LMC       I880 -I889  B227     | LMC      N159        B227
LMC       I891        B227     | LMC      N288        B227
LMC       J010 -J051  B227     | LMC      N300 -N303  B227
LMC       J120 -J219  B227     | LMC      N308 -N309  B227
LMC       J310 -J329  B227     | LMC      N321 -N322  B227
LMC       J340        B227     | LMC      N340 -N342  B227
LMC       J36  -J371  B227     | LMC      N351        B227
LMC     M J382 -J383  B227     | LMC      N360        B227
LMC     M J387 -J391  B227     | LMC      N390        B227
LMC       J40  -J42   B227     | LMC      N410 -N419  B227
LMC     M J840 -J848  B227     | LMC      N431        B227
LMC       J849 -J8490 B227     | LMC      N450 -N459  B227
LMC       J984        B227     | LMC      N481 -N482  B227
LMC     M J985        B227     | LMC      N490 -N499  B227
LMC     M J988        B227     | LMC      N61         B227
LMC       K121 -K122  B227     | LMC      N700 -N768  B227
LMC       K20  -K219  B227     | LMC      N820 -N829  B227
LMC       K290 -K291  B227     | LMC      R591        B227
LMC       K293 -K299  B227     | LMC      R628        B227
LMC       K528 -K529  B227     | LMC      R64         B227
LMC     M K550 -K559  B227     |
LMC       K580        B227     |        --- B212  ---
LMC       K610 -K614  B227     |
LMC       K628        B227     | LMC      A000 -A310  B227
LMC       K630        B227     | LMC      A318 -A427  B227
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          --- B212  ---          |          --- B212  ---
             CONTINUED           |             CONTINUED
LMC          A429 -A599  B227     | LMC          I776       B227
LMC          A601 -A70   B227     | LMC          I800 -I809  B227
LMC          A748 -B001  B227     | LMC          I821       B227
LMC          B003 -B004  B227     | LMC          I880 -I889  B227
LMC          B007       B227      | LMC          I891       B227
LMC          B009 -B069  B227     | LMC          J010 -J051  B227
LMC          B080       B227      | LMC          J120 -J219  B227
LMC          B082 -B085  B227     | LMC          J310 -J329  B227
LMC          B09  -B199  B227  *  | LMC          J340       B227
LMC          B250 -B279  B227     | LMC          J36  -J371  B227
LMC          B330 -B349  B227     | LMC    M     J382 -J383  B227
LMC          B370 -B64   B227     | LMC    M     J387       B227
LMC          B99        B227      | LMC          J390 -J391  B227
LMC          C000 -C819  B217     | LMC          J40  -J42   B227
LMC          C880 -C969  B217     | LMC          J840 -J848  B227
LMC          D738       B227      | LMC    M     J849 -J8490 B227
LMC          E033       B227      | LMC          J851 -J869  B227
LMC          E060 -E063  B227     | LMC          J984       B227
LMC          E065 -E069  B227     | LMC    M     J985       B227
LMC          F03        B227      | LMC    M     J988       B227
LMC          G000 -G039  B227     | LMC          K121 -K122  B227
LMC          G042 -G09   B227     | LMC          K20  -K219  B227
LMC          G218 -G219  B227     | LMC          K290 -K291  B227
LMC          G238 -G239  B227     | LMC          K293 -K299  B227
LMC          G249       B227      | LMC          K528 -K529  B227
LMC          G255       B227      | LMC    M     K550 -K559  B227
LMC          G259       B227      | LMC          K580       B227
LMC          G319       B227      | LMC          K610 -K614  B227
LMC          G369       B227      | LMC          K628       B227
LMC          G373 -G374  B227     | LMC          K630       B227
LMC          G379       B227      | LMC          K632       B227
LMC          G520 -G529  B227     | LMC          K638       B227
LMC          G589       B227      | LMC          K650 -K659  B227
LMC          G610 -G619  B227     | LMC    M     K720 -K729  B227
LMC          G628 -G64   B227     | LMC    M     K730 -K739  B227
LMC          G728 -G729  B227     | LMC          K750 -K759  B227
LMC          G903 -G912  B227     | LMC          K810 -K819  B227
LMC          G918 -G919  B227     | LMC          K830       B227
LMC          G930 -G936  B227     | LMC          K85        B227
LMC    M     G938       B227      | LMC          K861       B227
LMC          G939       B227      | LMC          L00        B227
LMC          G951 -G952  B227     | LMC          L020 -L029  B227
LMC    M     G958       B227      | LMC          L031 -L039  B227
LMC          G959 -G969  B227     | LMC          L089       B227
LMC          G98        B227      | LMC          L950 -L959  B227
LMC    M     H050 -H059  B227     | LMC    M     M000 -M1990 B227
LMC    M     H440 -H449  B227     | LMC          M300 -M319  B227
LMC    M     H590 -H599  B227     | LMC          M330 -M339  B227
LMC    M     H650 -H749  B227     | LMC          M354       B227
LMC    M     H810 -H832  B227     | LMC          M356       B227
LMC    M     H950 -H959  B227     | LMC    M     M45  -M479  B227
LMC          I301 -I311  B227     | LMC    M     M720 -M729  B227
LMC          I319 -I409  B227     | LMC          M860 -M869  B227
LMC          I514       B227      | LMC          M880 -M889  B227
LMC          I518       B227      | LMC    M     M939       B227
LMC          I677       B227      | LMC          N000 -N019  B227
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		--- B212 ---				--- B213 ---		
		CONTINUED					CONTINUED	
LMC		N030	-N039	B227	LMC		G319	B227
LMC		N050	-N059	B227	LMC		G369	B227
LMC		N10	-N12	B227	LMC		G373 -G374	B227
LMC		N136		B227	LMC		G379	B227
LMC		N151		B227	LMC		G520 -G529	B227
LMC		N159		B227	LMC		G589	B227
LMC		N288		B227	LMC		G610 -G619	B227
LMC		N300	-N303	B227	LMC		G628 -G64	B227
LMC		N308	-N309	B227	LMC		G728 -G729	B227
LMC		N321	-N322	B227	LMC		G903 -G912	B227
LMC		N340	-N342	B227	LMC		G918 -G919	B227
LMC		N351		B227	LMC		G930 -G936	B227
LMC		N360		B227	LMC	M	G938	B227
LMC		N390		B227	LMC		G939	B227
LMC		N410	-N419	B227	LMC		G951 -G952	B227
LMC		N431		B227	LMC	M	G958	B227
LMC		N450	-N459	B227	LMC		G959 -G969	B227
LMC		N481	-N482	B227	LMC		G98	B227
LMC		N490	-N499	B227	LMC	M	H050 -H059	B227
LMC		N61		B227	LMC	M	H440 -H449	B227
LMC		N700	-N768	B227	LMC	M	H590 -H599	B227
LMC		N820	-N829	B227	LMC	M	H650 -H749	B227
LMC		R591		B227	LMC	M	H810 -H832	B227
LMC		R628		B227	LMC	M	H950 -H959	B227
LMC		R64		B227	LMC		I301 -I311	B227
					LMC		I319 -I409	B227
		--- B213 ---			LMC		I514	B227
					LMC		I518	B227
LMC		A000	-A310	B227	LMC		I677	B227
LMC		A318	-A427	B227	LMC		I776	B227
LMC		A429	-A599	B227	LMC		I800 -I809	B227
LMC		A601	-A70	B227	LMC		I821	B227
LMC		A748	-B001	B227	LMC		I880 -I889	B227
LMC		B003	-B004	B227	LMC		I891	B227
LMC		B007		B227	LMC		J010 -J051	B227
LMC		B009	-B069	B227	LMC		J120 -J219	B227
LMC		B080		B227	LMC		J310 -J329	B227
LMC		B082	-B085	B227	LMC		J340	B227
LMC		B09	-B199	B227 *	LMC		J36 -J371	B227
LMC		B250	-B279	B227	LMC	M	J382 -J383	B227
LMC		B330	-B349	B227	LMC	M	J387 -J391	B227
LMC		B370	-B64	B227	LMC		J40 -J42	B227
LMC		B99		B227	LMC		J840 -J848	B227
LMC		C000	-C859	B217	LMC	M	J849 -J8490	B227
LMC		D738		B227	LMC		J851 -J869	B227
LMC		E033		B227	LMC		J984	B227
LMC		E060	-E063	B227	LMC	M	J985	B227
LMC		E065	-E069	B227	LMC	M	J988	B227
LMC		F03		B227	LMC		K121 -K122	B227
LMC		G000	-G039	B227	LMC		K20 -K219	B227
LMC		G042	-G09	B227	LMC		K290 -K291	B227
LMC		G218	-G219	B227	LMC		K293 -K299	B227
LMC		G238	-G239	B227	LMC		K528 -K529	B227
LMC		G249		B227	LMC	M	K550 -K559	B227
LMC		G255		B227	LMC		K580	B227
LMC		G259		B227	LMC		K610 -K614	B227

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            --- B213  ---           |           --- B217  ---
              CONTINUED             |
LMC           K628         B227     | LMC          A000 -A310  B227
LMC           K630         B227     | LMC          A318 -A427  B227
LMC           K632         B227     | LMC          A429 -A599  B227
LMC           K638         B227     | LMC          A601 -A70   B227
LMC           K650 -K659  B227     | LMC          A748 -B001  B227
LMC     M     K720 -K729  B227     | LMC          B003 -B004  B227
LMC     M     K730 -K739  B227     | LMC          B007         B227
LMC           K750 -K759  B227     | LMC          B009 -B069  B227
LMC           K810 -K819  B227     | LMC          B080         B227
LMC           K830         B227     | LMC          B082 -B085  B227
LMC           K85          B227     | LMC          B09  -B199  B227  *
LMC           K861         B227     | LMC          B250 -B279  B227
LMC           L00          B227     | LMC          B330 -B349  B227
LMC           L020 -L029  B227     | LMC          B370 -B64   B227
LMC           L031 -L039  B227     | LMC          B99          B227
LMC           L089         B227     | LMC          D738         B227
LMC           L950 -L959  B227     | LMC          E033         B227
LMC     M     M000 -M1990 B227     | LMC          E060 -E063  B227
LMC           M300 -M319  B227     | LMC          E065 -E069  B227
LMC           M330 -M339  B227     | LMC          F03          B227
LMC           M354         B227     | LMC          G000 -G039  B227
LMC           M356         B227     | LMC          G042 -G09   B227
LMC     M     M45  -M479  B227     | LMC          G218 -G219  B227
LMC     M     M720 -M729  B227     | LMC          G238 -G239  B227
LMC           M860 -M869  B227     | LMC          G249         B227
LMC           M880 -M889  B227     | LMC          G255         B227
LMC     M     M939         B227     | LMC          G259         B227
LMC           N000 -N019  B227     | LMC          G319         B227
LMC           N030 -N039  B227     | LMC          G369         B227
LMC           N050 -N059  B227     | LMC          G373 -G374  B227
LMC           N10  -N12   B227     | LMC          G379         B227
LMC           N136         B227     | LMC          G520 -G529  B227
LMC           N151         B227     | LMC          G589         B227
LMC           N159         B227     | LMC          G610 -G619  B227
LMC           N288         B227     | LMC          G628 -G64   B227
LMC           N300 -N303  B227     | LMC          G728 -G729  B227
LMC           N308 -N309  B227     | LMC          G903 -G912  B227
LMC           N321 -N322  B227     | LMC          G918 -G919  B227
LMC           N340 -N342  B227     | LMC          G930 -G936  B227
LMC           N351         B227     | LMC     M    G938         B227
LMC           N360         B227     | LMC          G939         B227
LMC           N390         B227     | LMC          G951 -G952  B227
LMC           N410 -N419  B227     | LMC     M    G958         B227
LMC           N431         B227     | LMC          G959 -G969  B227
LMC           N450 -N459  B227     | LMC          G98          B227
LMC           N481 -N482  B227     | LMC     M    H050 -H059  B227
LMC           N490 -N499  B227     | LMC     M    H440 -H449  B227
LMC           N61          B227     | LMC     M    H590 -H599  B227
LMC           N700 -N768  B227     | LMC     M    H650 -H749  B227
LMC           N820 -N829  B227     | LMC     M    H810 -H832  B227
LMC           R591         B227     | LMC     M    H950 -H959  B227
LMC           R628         B227     | LMC          I301 -I311  B227
LMC           R64          B227     | LMC          I319 -I409  B227
                                    | LMC          I514         B227
                                    | LMC          I518         B227
                                    | LMC          I677         B227
                                    |
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         --- B217  ---          |          --- B217  ---
            CONTINUED           |             CONTINUED
LMC        I776         B227    | LMC        N050 -N059   B227
LMC        I800 -I809   B227    | LMC        N10  -N12    B227
LMC        I821         B227    | LMC        N136         B227
LMC        I880 -I889   B227    | LMC        N151         B227
LMC        I891         B227    | LMC        N159         B227
LMC        J010 -J051   B227    | LMC        N288         B227
LMC        J120 -J219   B227    | LMC        N300 -N303   B227
LMC        J310 -J329   B227    | LMC        N308 -N309   B227
LMC        J340         B227    | LMC        N321 -N322   B227
LMC        J36  -J371   B227    | LMC        N340 -N342   B227
LMC     M  J382 -J383   B227    | LMC        N351         B227
LMC     M  J387 -J391   B227    | LMC        N360         B227
LMC        J40  -J42    B227    | LMC        N390         B227
LMC        J840 -J848   B227    | LMC        N410 -N419   B227
LMC     M  J849 -J8490  B227    | LMC        N431         B227
LMC        J851 -J869   B227    | LMC        N450 -N459   B227
LMC        J984         B227    | LMC        N481 -N482   B227
LMC     M  J985         B227    | LMC        N490 -N499   B227
LMC     M  J988         B227    | LMC        N61          B227
LMC        K121 -K122   B227    | LMC        N700 -N768   B227
LMC        K20  -K219   B227    | LMC        N820 -N829   B227
LMC        K290 -K291   B227    | LMC        R591         B227
LMC        K293 -K299   B227    | LMC        R628         B227
LMC        K528 -K529   B227    | LMC        R64          B227
LMC     M  K550 -K559   B227    |
LMC        K580         B227    |          --- B218  ---
LMC        K610 -K614   B227    |
LMC        K628         B227    | LMC        A000 -A310   B227
LMC        K630         B227    | LMC        A318 -A427   B227
LMC        K632         B227    | LMC        A429 -A599   B227
LMC        K638         B227    | LMC        A601 -A70    B227
LMC        K650 -K659   B227    | LMC        A748 -B001   B227
LMC     M  K720 -K729   B227    | LMC        B003 -B004   B227
LMC     M  K730 -K739   B227    | LMC        B007         B227
LMC        K750 -K759   B227    | LMC        B009 -B069   B227
LMC        K810 -K819   B227    | LMC        B080         B227
LMC        K830         B227    | LMC        B082 -B085   B227
LMC        K85          B227    | LMC        B09  -B199   B227  *
LMC        K861         B227    | LMC        B250 -B279   B227
LMC        L00          B227    | LMC        B330 -B349   B227
LMC        L020 -L029   B227    | LMC        B370 -B64    B227
LMC        L031 -L039   B227    | LMC        B99          B227
LMC        L089         B227    | LMC        C460 -C469   B217
LMC        L950 -L959   B227    | LMC        C810 -C969   B217
LMC     M  M000 -M1990  B227    | LMC        D738         B227
LMC        M300 -M319   B227    | LMC        E033         B227
LMC        M330 -M339   B227    | LMC        E060 -E063   B227
LMC        M354         B227    | LMC        E065 -E069   B227
LMC        M356         B227    | LMC        F03          B227
LMC     M  M45  -M479   B227    | LMC        G000 -G039   B227
LMC     M  M720 -M729   B227    | LMC        G042 -G09    B227
LMC        M860 -M869   B227    | LMC        G218 -G219   B227
LMC        M880 -M889   B227    | LMC        G238 -G239   B227
LMC     M  M939         B227    | LMC        G249         B227
LMC        N000 -N019   B227    | LMC        G255         B227
LMC        N030 -N039   B227    | LMC        G259         B227
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        --- B218  ---           |         --- B218   ---
           CONTINUED            |            CONTINUED
LMC        G319        B227     | LMC        K628         B227
LMC        G369        B227     | LMC        K630         B227
LMC        G373 -G374  B227     | LMC        K632         B227
LMC        G379        B227     | LMC        K638         B227
LMC        G520 -G529  B227     | LMC        K650 -K659   B227
LMC        G589        B227     | LMC      M K720 -K729   B227
LMC        G610 -G619  B227     | LMC      M K730 -K739   B227
LMC        G628 -G64   B227     | LMC        K750 -K759   B227
LMC        G728 -G729  B227     | LMC        K810 -K819   B227
LMC        G903 -G912  B227     | LMC        K830         B227
LMC        G918 -G919  B227     | LMC        K85          B227
LMC        G930 -G936  B227     | LMC        K861         B227
LMC      M G938        B227     | LMC        L00          B227
LMC        G939        B227     | LMC        L020 -L029   B227
LMC        G951 -G952  B227     | LMC        L031 -L039   B227
LMC      M G958        B227     | LMC        L089         B227
LMC        G959 -G969  B227     | LMC        L950 -L959   B227
LMC        G98         B227     | LMC      M M000 -M1990  B227
LMC      M H050 -H059  B227     | LMC        M300 -M319   B227
LMC      M H440 -H449  B227     | LMC        M330 -M339   B227
LMC      M H590 -H599  B227     | LMC        M354         B227
LMC      M H650 -H749  B227     | LMC        M356         B227
LMC      M H810 -H832  B227     | LMC      M M45  -M479   B227
LMC      M H950 -H959  B227     | LMC      M M720 -M729   B227
LMC        I301 -I311  B227     | LMC        M860 -M869   B227
LMC        I319 -I409  B227     | LMC        M880 -M889   B227
LMC        I514        B227     | LMC      M M939         B227
LMC        I518        B227     | LMC        N000 -N019   B227
LMC        I677        B227     | LMC        N030 -N039   B227
LMC        I776        B227     | LMC        N050 -N059   B227
LMC        I800 -I809  B227     | LMC        N10  -N12    B227
LMC        I821        B227     | LMC        N136         B227
LMC        I880 -I889  B227     | LMC        N151         B227
LMC        I891        B227     | LMC        N159         B227
LMC        J010 -J051  B227     | LMC        N288         B227
LMC        J120 -J219  B227     | LMC        N300 -N303   B227
LMC        J310 -J329  B227     | LMC        N308 -N309   B227
LMC        J340        B227     | LMC        N321 -N322   B227
LMC        J36  -J371  B227     | LMC        N340 -N342   B227
LMC      M J382 -J383  B227     | LMC        N351         B227
LMC      M J387 -J391  B227     | LMC        N360         B227
LMC        J40  -J42   B227     | LMC        N390         B227
LMC        J840 -J848  B227     | LMC        N410 -N419   B227
LMC      M J849 -J8490 B227     | LMC        N431         B227
LMC        J851 -J869  B227     | LMC        N450 -N459   B227
LMC        J984        B227     | LMC        N481 -N482   B227
LMC      M J985        B227     | LMC        N490 -N499   B227
LMC      M J988        B227     | LMC        N61          B227
LMC        K121 -K122  B227     | LMC        N700 -N768   B227
LMC        K20  -K219  B227     | LMC        N820 -N829   B227
LMC        K290 -K291  B227     | LMC        R591         B227
LMC        K293 -K299  B227     | LMC        R628         B227
LMC        K528 -K529  B227     | LMC        R64          B227
LMC      M K550 -K559  B227     |
LMC        K580        B227     |
LMC        K610 -K614  B227     |
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           --- B219 ---          |          --- B219  ---
                                 |                CONTINUED
LMC           A000 -A310  B227   | LMC           I518         B227
LMC           A318 -A427  B227   | LMC           I677         B227
LMC           A429 -A599  B227   | LMC           I776         B227
LMC           A601 -A70   B227   | LMC           I800 -I809   B227
LMC           A748 -B001  B227   | LMC           I821         B227
LMC           B003 -B004  B227   | LMC           I880 -I889   B227
LMC           B007        B227   | LMC           I891         B227
LMC           B009 -B069  B227   | LMC           J010 -J051   B227
LMC           B080        B227   | LMC           J120 -J219   B227
LMC           B082 -B085  B227   | LMC           J310 -J329   B227
LMC           B09  -B199  B227 * | LMC           J340         B227
LMC           B250 -B279  B227   | LMC           J36  -J371   B227
LMC           B330 -B349  B227   | LMC       M   J382 -J383   B227
LMC           B370 -B64   B227   | LMC       M   J387         B227
LMC           B99         B227   | LMC           J390 -J391   B227
LMC       M   C80         B217   | LMC           J40  -J42    B227
LMC           C97         B217   | LMC           J840 -J848   B227
LMC           D738        B227   | LMC       M   J849 -J8490  B227
LMC           E033        B227   | LMC           J851 -J869   B227
LMC           E060 -E063  B227   | LMC           J984         B227
LMC           E065 -E069  B227   | LMC       M   J985         B227
LMC           F03         B227   | LMC       M   J988         B227
LMC           G000 -G039  B227   | LMC           K121 -K122   B227
LMC           G042 -G09   B227   | LMC           K20  -K219   B227
LMC           G218 -G219  B227   | LMC           K290 -K291   B227
LMC           G238 -G239  B227   | LMC           K293 -K299   B227
LMC           G249        B227   | LMC           K528 -K529   B227
LMC           G255        B227   | LMC       M   K550 -K559   B227
LMC           G259        B227   | LMC           K580         B227
LMC           G319        B227   | LMC           K610 -K614   B227
LMC           G369        B227   | LMC           K628         B227
LMC           G373 -G374  B227   | LMC           K630         B227
LMC           G379        B227   | LMC           K632         B227
LMC           G520 -G529  B227   | LMC           K638         B227
LMC           G589        B227   | LMC           K650 -K659   B227
LMC           G610 -G619  B227   | LMC       M   K720 -K729   B227
LMC           G628 -G64   B227   | LMC       M   K730 -K739   B227
LMC           G728 -G729  B227   | LMC           K750 -K759   B227
LMC           G903 -G912  B227   | LMC           K810 -K819   B227
LMC           G918 -G919  B227   | LMC           K830         B227
LMC           G930 -G936  B227   | LMC           K85          B227
LMC       M   G938        B227   | LMC           K861         B227
LMC           G939        B227   | LMC           L00          B227
LMC           G951 -G952  B227   | LMC           L020 -L029   B227
LMC       M   G958        B227   | LMC           L031 -L039   B227
LMC           G959 -G969  B227   | LMC           L089         B227
LMC           G98         B227   | LMC           L950 -L959   B227
LMC       M   H050 -H059  B227   | LMC       M   M000 -M1990  B227
LMC       M   H440 -H449  B227   | LMC           M300 -M319   B227
LMC       M   H590 -H599  B227   | LMC           M330 -M339   B227
LMC       M   H650 -H749  B227   | LMC           M354         B227
LMC       M   H810 -H832  B227   | LMC           M356         B227
LMC       M   H950 -H959  B227   | LMC       M   M45  -M479   B227
LMC           I301 -I311  B227   | LMC       M   M720 -M729   B227
LMC           I319 -I409  B227   | LMC           M860 -M869   B227
LMC           I514        B227   | LMC           M880 -M889   B227
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        --- B219  ---           |        --- B220  ---
           CONTINUED            |           CONTINUED
LMC    M  M939         B227     | LMC        G319         B227
LMC       N000 -N019   B227     | LMC        G369         B227
LMC       N030 -N039   B227     | LMC        G373 -G374   B227
LMC       N050 -N059   B227     | LMC        G379         B227
LMC       N10  -N12    B227     | LMC        G520 -G529   B227
LMC       N136         B227     | LMC        G589         B227
LMC       N151         B227     | LMC        G610 -G619   B227
LMC       N159         B227     | LMC        G628 -G64    B227
LMC       N288         B227     | LMC        G728 -G729   B227
LMC       N300 -N303   B227     | LMC        G903 -G912   B227
LMC       N308 -N309   B227     | LMC        G918 -G919   B227
LMC       N321 -N322   B227     | LMC        G930 -G936   B227
LMC       N340 -N342   B227     | LMC    M   G938         B227
LMC       N351         B227     | LMC        G939         B227
LMC       N360         B227     | LMC        G951 -G952   B227
LMC       N390         B227     | LMC    M   G958         B227
LMC       N410 -N419   B227     | LMC        G959 -G969   B227
LMC       N431         B227     | LMC        G98          B227
LMC       N450 -N459   B227     | LMC    M   H050 -H059   B227
LMC       N481 -N482   B227     | LMC    M   H440 -H449   B227
LMC       N490 -N499   B227     | LMC    M   H590 -H599   B227
LMC       N61          B227     | LMC    M   H650 -H749   B227
LMC       N700 -N768   B227     | LMC    M   H810 -H832   B227
LMC       N820 -N829   B227     | LMC    M   H950 -H959   B227
LMC       R591         B227     | LMC        I301 -I311   B227
LMC       R628         B227     | LMC        I319 -I409   B227
LMC       R64          B227     | LMC        I514         B227
                                | LMC        I518         B227
        --- B220  ---           | LMC        I677         B227
                                | LMC        I776         B227
LMC       A000 -A310   B227     | LMC        I800 -I809   B227
LMC       A318 -A427   B227     | LMC        I821         B227
LMC       A429 -A599   B227     | LMC        I880 -I889   B227
LMC       A601 -A70    B227     | LMC        I891         B227
LMC       A748 -B001   B227     | LMC        J010 -J051   B227
LMC       B003 -B004   B227     | LMC        J120 -J219   B227
LMC       B007         B227     | LMC        J310 -J329   B227
LMC       B009 -B069   B227     | LMC        J340         B227
LMC       B080         B227     | LMC        J36  -J371   B227
LMC       B082 -B085   B227     | LMC    M   J382 -J383   B227
LMC       B09  -B199   B227  *  | LMC    M   J387 -J391   B227
LMC       B250 -B279   B227     | LMC        J40  -J42    B227
LMC       B330 -B349   B227     | LMC        J840 -J848   B227
LMC       B370 -B64    B227     | LMC    M   J849 -J8490  B227
LMC       B99  -C97    B227     | LMC        J851 -J869   B227
LMC       D738         B227     | LMC        J984         B227
LMC       E033         B227     | LMC    M   J985         B227
LMC       E060 -E063   B227     | LMC    M   J988         B227
LMC       E065 -E069   B227     | LMC        K121 -K122   B227
LMC       G000 -G039   B227     | LMC        K20  -K219   B227
LMC       G042 -G09    B227     | LMC        K290 -K291   B227
LMC       G218 -G219   B227     | LMC        K293 -K299   B227
LMC       G238 -G239   B227     | LMC        K528 -K529   B227
LMC       G249         B227     | LMC    M   K550 -K559   B227
LMC       G255         B227     | LMC        K580         B227
LMC       G259         B227     | LMC        K610 -K614   B227
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          --- B220 ---              |        --- B221  ---
                CONTINUED           |
LMC          K628           B227    | LMC          A000 -A310   B227
LMC          K630           B227    | LMC          A318 -A427   B227
LMC          K632           B227    | LMC          A429 -A599   B227
LMC          K638           B227    | LMC          A601 -A70    B227
LMC          K650 -K659     B227    | LMC          A748 -B001   B227
LMC     M    K720 -K729     B227    | LMC          B003 -B004   B227
LMC     M    K730 -K739     B227    | LMC          B007         B227
LMC          K750 -K759     B227    | LMC          B009 -B069   B227
LMC          K810 -K819     B227    | LMC          B080         B227
LMC          K830           B227    | LMC          B082 -B085   B227
LMC          K85            B227    | LMC          B09  -B199   B227   *
LMC          K861           B227    | LMC          B250 -B279   B227
LMC          L00            B227    | LMC          B330 -B349   B227
LMC          L020 -L029     B227    | LMC          B370 -B64    B227
LMC          L031 -L039     B227    | LMC          B99  -C97    B227
LMC          L089           B227    | LMC          D738         B227
LMC          L950 -L959     B227    | LMC          E033         B227
LMC     M    M000 -M1990    B227    | LMC          E060 -E063   B227
LMC          M300 -M319     B227    | LMC          E065 -E069   B227
LMC          M330 -M339     B227    | LMC          F03          B227
LMC          M354           B227    | LMC          G000 -G039   B227
LMC          M356           B227    | LMC          G042 -G09    B227
LMC     M    M45  -M479     B227    | LMC          G218 -G219   B227
LMC     M    M720 -M729     B227    | LMC          G238 -G239   B227
LMC          M860 -M869     B227    | LMC          G249         B227
LMC          M880 -M889     B227    | LMC          G255         B227
LMC     M    M939           B227    | LMC          G259         B227
LMC          N000 -N019     B227    | LMC          G319         B227
LMC          N030 -N039     B227    | LMC          G369         B227
LMC          N050 -N059     B227    | LMC          G373 -G374   B227
LMC          N10  -N12      B227    | LMC          G379         B227
LMC          N136           B227    | LMC          G520 -G529   B227
LMC          N151           B227    | LMC          G589         B227
LMC          N159           B227    | LMC          G610 -G619   B227
LMC          N288           B227    | LMC          G628 -G64    B227
LMC          N300 -N303     B227    | LMC          G728 -G729   B227
LMC          N308 -N309     B227    | LMC          G903 -G912   B227
LMC          N321 -N322     B227    | LMC          G918 -G919   B227
LMC          N340 -N342     B227    | LMC          G930 -G936   B227
LMC          N351           B227    | LMC     M    G938         B227
LMC          N360           B227    | LMC          G939         B227
LMC          N390           B227    | LMC          G951 -G952   B227
LMC          N410 -N419     B227    | LMC     M    G958         B227
LMC          N431           B227    | LMC          G959 -G969   B227
LMC          N450 -N459     B227    | LMC          G98          B227
LMC          N481 -N482     B227    | LMC     M    H050 -H059   B227
LMC          N490 -N499     B227    | LMC     M    H440 -H449   B227
LMC          N61            B227    | LMC     M    H590 -H599   B227
LMC          N700 -N768     B227    | LMC     M    H650 -H749   B227
LMC          N820 -N829     B227    | LMC     M    H810 -H832   B227
LMC          R591           B227    | LMC     M    H950 -H959   B227
LMC          R628           B227    | LMC          I301 -I311   B227
LMC          R64            B227    | LMC          I319 -I409   B227
                                    | LMC          I514         B227
                                    | LMC          I518         B227
                                    | LMC          I677         B227
                                    |
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		--- B221 ---					--- B221 ---		
		CONTINUED					CONTINUED		
LMC		I776	B227		LMC		N050 -N059	B227	
LMC		I800 -I809	B227		LMC		N10 -N12	B227	
LMC		I821	B227		LMC		N136	B227	
LMC		I880 -I889	B227		LMC		N151	B227	
LMC		I891	B227		LMC		N159	B227	
LMC		J010 -J051	B227		LMC		N288	B227	
LMC		J120 -J219	B227		LMC		N300 -N303	B227	
LMC		J310 -J329	B227		LMC		N308 -N309	B227	
LMC		J340	B227		LMC		N321 -N322	B227	
LMC		J36 -J371	B227		LMC		N340 -N342	B227	
LMC	M	J382 -J383	B227		LMC		N351	B227	
LMC	M	J387 -J391	B227		LMC		N360	B227	
LMC		J40 -J42	B227		LMC		N390	B227	
LMC		J840 -J848	B227		LMC		N410 -N419	B227	
LMC	M	J849 -J8490	B227		LMC		N431	B227	
LMC		J851 -J869	B227		LMC		N450 -N459	B227	
LMC		J984	B227		LMC		N481 -N482	B227	
LMC	M	J985	B227		LMC		N490 -N499	B227	
LMC	M	J988	B227		LMC		N61	B227	
LMC		K121 -K122	B227		LMC		N700 -N768	B227	
LMC		K20 -K219	B227		LMC		N820 -N829	B227	
LMC		K290 -K291	B227		LMC		R591	B227	
LMC		K293 -K299	B227		LMC		R628	B227	
LMC		K528 -K529	B227		LMC		R64	B227	
LMC	M	K550 -K559	B227						
LMC		K580	B227				--- B222 ---		
LMC		K610 -K614	B227						
LMC		K628	B227		LMC		A000 -A310	B227	
LMC		K630	B227		LMC		A318 -A427	B227	
LMC		K632	B227		LMC		A429 -A599	B227	
LMC		K638	B227		LMC		A601 -A70	B227	
LMC		K650 -K659	B227		LMC		A748 -B001	B227	
LMC	M	K720 -K729	B227		LMC		B003 -B004	B227	
LMC	M	K730 -K739	B227		LMC		B007	B227	
LMC		K750 -K759	B227		LMC		B009 -B069	B227	
LMC		K810 -K819	B227		LMC		B080	B227	
LMC		K830	B227		LMC		B082 -B085	B227	
LMC		K85	B227		LMC		B09 -B199	B227	*
LMC		K861	B227		LMC		B250 -B279	B227	
LMC		L00	B227		LMC		B330 -B349	B227	
LMC		L020 -L029	B227		LMC		B370 -B64	B227	
LMC		L031 -L039	B227		LMC		B99 -C97	B227	
LMC		L089	B227		LMC		D738	B227	
LMC		L950 -L959	B227		LMC		E033	B227	
LMC	M	M000 -M1990	B227		LMC		E060 -E063	B227	
LMC		M300 -M319	B227		LMC		E065 -E069	B227	
LMC		M330 -M339	B227		LMC		F03	B227	
LMC		M354	B227		LMC		G000 -G039	B227	
LMC		M356	B227		LMC		G042 -G09	B227	
LMC	M	M45 -M479	B227		LMC		G218 -G219	B227	
LMC	M	M720 -M729	B227		LMC		G238 -G239	B227	
LMC		M860 -M869	B227		LMC		G249	B227	
LMC		M880 -M889	B227		LMC		G255	B227	
LMC	M	M939	B227		LMC		G259	B227	
LMC		N000 -N019	B227		LMC		G319	B227	
LMC		N030 -N039	B227		LMC		G369	B227	

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        --- B222  ---          |          --- B222  ---
           CONTINUED           |             CONTINUED
LMC        G373 -G374  B227     | LMC        K630        B227
LMC        G379        B227     | LMC        K632        B227
LMC        G520 -G529  B227     | LMC        K638        B227
LMC        G589        B227     | LMC        K650 -K659  B227
LMC        G610 -G619  B227     | LMC     M  K720 -K729  B227
LMC        G628 -G64   B227     | LMC     M  K730 -K739  B227
LMC        G728 -G729  B227     | LMC        K750 -K759  B227
LMC        G903 -G912  B227     | LMC        K810 -K819  B227
LMC        G918 -G919  B227     | LMC        K830        B227
LMC        G930 -G936  B227     | LMC        K85         B227
LMC     M  G938        B227     | LMC        K861        B227
LMC        G939        B227     | LMC        L00         B227
LMC        G951 -G952  B227     | LMC        L020 -L029  B227
LMC     M  G958        B227     | LMC        L031 -L039  B227
LMC        G959 -G969  B227     | LMC        L089        B227
LMC        G98         B227     | LMC        L950 -L959  B227
LMC     M  H050 -H059  B227     | LMC     M  M000 -M1990 B227
LMC     M  H440 -H449  B227     | LMC        M300 -M319  B227
LMC     M  H590 -H599  B227     | LMC        M330 -M339  B227
LMC     M  H650 -H749  B227     | LMC        M354        B227
LMC     M  H810 -H832  B227     | LMC        M356        B227
LMC     M  H950 -H959  B227     | LMC     M  M45  -M479  B227
LMC        I301 -I311  B227     | LMC     M  M720 -M729  B227
LMC        I319 -I409  B227     | LMC        M860 -M869  B227
LMC        I514        B227     | LMC        M880 -M889  B227
LMC        I518        B227     | LMC     M  M939        B227
LMC        I677        B227     | LMC        N000 -N019  B227
LMC        I776        B227     | LMC        N030 -N039  B227
LMC        I800 -I809  B227     | LMC        N050 -N059  B227
LMC        I821        B227     | LMC        N10  -N12   B227
LMC        I880 -I889  B227     | LMC        N136        B227
LMC        I891        B227     | LMC        N151        B227
LMC        J010 -J051  B227     | LMC        N159        B227
LMC        J120 -J219  B227     | LMC        N288        B227
LMC        J310 -J329  B227     | LMC        N300 -N303  B227
LMC        J340        B227     | LMC        N308 -N309  B227
LMC        J36  -J371  B227     | LMC        N321 -N322  B227
LMC     M  J382 -J383  B227     | LMC        N340 -N342  B227
LMC     M  J387        B227     | LMC        N351        B227
LMC        J390 -J391  B227     | LMC        N360        B227
LMC        J40  -J42   B227     | LMC        N390        B227
LMC        J840 -J848  B227     | LMC        N410 -N419  B227
LMC     M  J849 -J8490 B227     | LMC        N431        B227
LMC        J851 -J869  B227     | LMC        N450 -N459  B227
LMC        J984        B227     | LMC        N481 -N482  B227
LMC     M  J985        B227     | LMC        N490 -N499  B227
LMC     M  J988        B227     | LMC        N61         B227
LMC        K121 -K122  B227     | LMC        N700 -N768  B227
LMC        K20  -K219  B227     | LMC        N820 -N829  B227
LMC        K290 -K291  B227     | LMC        R591        B227
LMC        K293 -K299  B227     | LMC        R628        B227
LMC        K528 -K529  B227     |
LMC     M  K550 -K559  B227     |          --- B24   ---
LMC        K580        B227     |
LMC        K610 -K614  B227     | LMC        A000 -A059  B201
LMC        K628        B227     | LMC        A060 -A079  B208
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		--- B24 ---					--- B24 ---	
		CONTINUED					CONTINUED	
LMC		A080 -A085	B203		LMC		D684	B232
LMC		A09	B208		LMC	M	D688	B232
LMC		A162 -A199	B200		LMC		D689	B232
LMC		A200 -A309	B201		LMC	M	D695 -D70	B232
LMC		A310	B200		LMC	M	D728	B232
LMC		A318 -A319	B200		LMC		D729 -D735	B232
LMC		A320 -A427	B201		LMC	M	D738	B201
LMC		A429 -A58	B201		LMC	M	D738	B203
LMC		A590 -A599	B208		LMC	M	D738	B208
LMC		A601 -A609	B203		LMC	M	D738	B232
LMC		A630 -A64	B208		LMC		D739	B232
LMC		A65 -A70	B201		LMC	M	D748	B232
LMC		A748 -A799	B201		LMC		D749	B232
LMC		A800 -B001	B203		LMC	M	D751	B232
LMC		B003 -B004	B203		LMC	M	D758	B232
LMC		B007	B203		LMC		D759	B232
LMC		B009 -B069	B203		LMC		D762	B232
LMC		B080	B203		LMC		D801 -D806	B232
LMC		B082 -B085	B203		LMC	M	D808 -D819	B232
LMC		B09 -B199	B203		LMC	M	D830 -D848	B232
LMC		B250 -B259	B202		LMC		D849	B232
LMC		B260 -B279	B203		LMC		D890	B232
LMC		B330 -B349	B203		LMC	M	D891	B232
LMC		B370 -B379	B204		LMC		D892	B232
LMC		B380 -B49	B205		LMC	M	D898	B232
LMC		B580 -B589	B208	*	LMC		D899	B232
LMC		B59	B206		LMC	M	E033	B201
LMC		B600 -B64	B208		LMC	M	E033	B203
LMC		B99	B209		LMC	M	E033	B208
LMC		C000 -C459	B218		LMC	M	E060	B201
LMC		C460 -C469	B210		LMC	M	E060	B203
LMC		C470 -C798	B218		LMC	M	E060	B208
LMC		C80	B219		LMC	M	E061	B201
LMC		C810 -C819	B213		LMC	M	E061	B203
LMC		C820 -C836	B212		LMC	M	E061	B208
LMC		C837	B211		LMC	M	E062 -E063	B201
LMC		C838 -C859	B212		LMC	M	E062 -E063	B203
LMC		C880 -C969	B213		LMC	M	E062 -E063	B208
LMC		C97	B217		LMC	M	E065	B201
LMC		D500	B232		LMC	M	E065	B203
LMC	M	D501 -D508	B232		LMC	M	E065	B208
LMC		D509	B232		LMC	M	E069	B201
LMC		D519 -D520	B232		LMC	M	E069	B203
LMC	M	D528	B232		LMC	M	E069	B208
LMC		D529	B232		LMC	M	E15	B238
LMC	M	D530 -D539	B232		LMC	M	E161 -E162	B238
LMC		D591	B232		LMC		E169	B238
LMC		D593	B232		LMC	M	E220 -E237	B238
LMC	M	D598	B232		LMC		E249	B238
LMC		D599 -D609	B232		LMC		E272	B238
LMC	M	D618	B232		LMC		E274 -E279	B238
LMC		D619 -D62	B232		LMC		E310	B238
LMC		D641	B232		LMC		E319	B238
LMC	M	D643	B232		LMC		E329	B238
LMC	M	D648	B232		LMC		E349 -E649	B238
LMC		D649 -D65	B232		LMC		E749	B238

		--- B24 ---		|			--- B24 ---	
		CONTINUED		|			CONTINUED	
LMC		E756	B238	|	LMC	M	H650 -H749	B238
LMC		E86 -E878	B238	|	LMC	M	H810 -H832	B203
LMC		E889	B238	|	LMC	M	H810 -H832	B208
LMC		F03	B220	|	LMC	M	H810 -H832	B238
LMC		G000 -G009	B201	|	LMC	M	H950 -H959	B203
LMC		G030 -G039	B208	|	LMC	M	H950 -H959	B208
LMC		G042	B201	|	LMC	M	H950 -H959	B238
LMC		G048 -G049	B208	|	LMC		I210 -I249	B238
LMC	M	G060 -G09	B201	|	LMC		I252	B238
LMC	M	G060 -G09	B203	|	LMC		I255 -I269	B238
LMC	M	G060 -G09	B208	|	LMC	M	I278 -I279	B238
LMC		G218 -G219	B220	|	LMC		I288 -I289	B238
LMC		G238 -G239	B220	|	LMC	M	I301 -I309	B201
LMC		G249	B220	|	LMC	M	I301 -I309	B203
LMC		G255	B220	|	LMC	M	I301 -I311	B208
LMC		G259	B220	|	LMC	M	I310 -I311	B201
LMC		G319	B220	|	LMC	M	I310 -I311	B203
LMC		G369	B220	|	LMC	M	I312 -I319	B238
LMC	M	G373 -G374	B201	|	LMC	M	I319	B201
LMC	M	G373 -G374	B203	|	LMC	M	I319	B203
LMC	M	G373 -G374	B208	|	LMC	M	I319	B208
LMC		G379	B220	|	LMC	M	I330 -I339	B201
LMC		G520 -G529	B220	|	LMC	M	I330 -I339	B203
LMC	M	G589	B201	|	LMC	M	I330 -I339	B208
LMC	M	G589	B203	|	LMC	M	I340 -I38	B201
LMC	M	G589	B208	|	LMC	M	I340 -I38	B203
LMC	M	G589	B220	|	LMC	M	I340 -I38	B208
LMC	M	G610 -G619	B201	|	LMC	M	I340 -I38	B238
LMC	M	G610 -G619	B203	|	LMC	M	I400 -I409	B201
LMC	M	G610 -G619	B208	|	LMC	M	I400 -I409	B203
LMC	M	G628	B201	|	LMC	M	I400 -I409	B208
LMC	M	G628	B203	|	LMC		I420	B238
LMC	M	G628	B208	|	LMC		I421	B238
LMC	M	G628 -G629	B220	|	LMC		I422	B238
LMC		G64	B220	|	LMC		I423	B238
LMC		G728 -G729	B220	|	LMC		I428	B238
LMC		G903 -G912	B220	|	LMC		I429	B238
LMC		G918 -G919	B220	|	LMC		I440 -I461	B238
LMC		G930 -G936	B220	|	LMC		I470 -I513	B238
LMC	M	G938	B220	|	LMC	M	I514	B208
LMC		G939	B220	|	LMC		I515	B238
LMC		G951 -G952	B220	|	LMC		I516 -I517	B238
LMC	M	G958	B220	|	LMC	M	I518	B201
LMC		G959 -G969	B220	|	LMC	M	I518	B208
LMC		G98	B220	|	LMC	M	I518	B238
LMC	M	H050 -H059	B203	|	LMC		I519	B238
LMC	M	H050 -H059	B208	|	LMC	M	I600 -I64	B238
LMC	M	H050 -H059	B238	|	LMC	M	I676 -I698	B238
LMC	M	H440 -H449	B203	|	LMC	M	I677	B201
LMC	M	H440 -H449	B208	|	LMC	M	I677	B203
LMC	M	H440 -H449	B238	|	LMC	M	I677	B208
LMC	M	H590 -H599	B203	|	LMC		I739 -I749	B238
LMC	M	H590 -H599	B208	|	LMC		I771 -I775	B238
LMC	M	H590 -H599	B238	|	LMC	M	I776	B201
LMC	M	H650 -H749	B203	|	LMC	M	I776	B203
LMC	M	H650 -H749	B208	|	LMC	M	I776	B208

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              --- B24   ---           |         --- B24    ---
                 CONTINUED            |            CONTINUED
LMC        I778 -I779   B238  | LMC    M  J382 -J383   B201
LMC        I788 -I789   B238  | LMC    M  J382 -J383   B203
LMC    M   I800 -I809   B201  | LMC    M  J382 -J383   B208
LMC    M   I800 -I809   B203  | LMC    M  J387 -J391   B201
LMC    M   I800 -I809   B208  | LMC    M  J387 -J391   B203
LMC        I81  -I820   B238  | LMC    M  J387 -J391   B208
LMC    M   I821         B201  | LMC       J392 -J399   B238
LMC    M   I821         B203  | LMC    M  J40  -J42    B201
LMC    M   I821         B208  | LMC    M  J40  -J42    B203
LMC        I822 -I829   B238  | LMC    M  J40  -J42    B208
LMC        I870 -I879   B238  | LMC       J47          B238
LMC    M   I880 -I889   B201  | LMC       J690 -J698   B238
LMC    M   I880 -I889   B203  | LMC       J80  -J81    B238
LMC    M   I880 -I889   B208  | LMC    M  J840 -J841   B238
LMC        I890         B238  | LMC    M  J840 -J848   B201
LMC    M   I891         B201  | LMC    M  J840 -J848   B203
LMC    M   I891         B203  | LMC    M  J840 -J848   B208
LMC    M   I891         B208  | LMC    M  J848         B238
LMC        I898 -I899   B238  | LMC    M  J849 -J8490  B208
LMC        I951         B238  | LMC    M  J850         B201
LMC        I958         B238  | LMC    M  J850         B203
LMC    M   J010 -J019   B201  | LMC    M  J850         B208
LMC    M   J010 -J019   B203  | LMC    M  J851 -J869   B201
LMC    M   J010 -J019   B208  | LMC    M  J851 -J869   B203
LMC        J020         B201  | LMC    M  J851 -J869   B208
LMC    M   J028 -J029   B201  | LMC       J929 -J949   B238
LMC    M   J028 -J029   B203  | LMC    M  J961         B238
LMC    M   J028 -J029   B208  | LMC    M  J980 -J989   B238
LMC        J030         B201  | LMC    M  J984         B201
LMC    M   J038 -J051   B201  | LMC    M  J984         B208
LMC    M   J038 -J051   B203  | LMC    M  J985         B201
LMC    M   J038 -J051   B208  | LMC    M  J985         B203
LMC        J120 -J129   B203  | LMC    M  J985         B208
LMC        J13  -J160   B201  | LMC    M  J988         B201
LMC        J168 -J189   B208  | LMC    M  J988         B203
LMC        J200 -J202   B201  | LMC    M  J988         B208
LMC        J203 -J207   B203  | LMC    M  K120 -K137   B238
LMC    M   J208 -J209   B201  | LMC    M  K121 -K122   B201
LMC    M   J208 -J209   B203  | LMC    M  K121 -K122   B203
LMC    M   J208 -J209   B208  | LMC    M  K121 -K122   B208
LMC        J210         B203  | LMC    M  K20  -K210   B201
LMC    M   J218 -J219   B201  | LMC    M  K20  -K210   B203
LMC    M   J218 -J219   B203  | LMC    M  K20  -K210   B208
LMC    M   J218 -J219   B208  | LMC       K220         B238
LMC    M   J310 -J329   B201  | LMC    M  K221         B238
LMC    M   J310 -J329   B203  | LMC       K222 -K289   B238
LMC    M   J310 -J329   B208  | LMC    M  K290 -K291   B201
LMC    M   J340         B201  | LMC    M  K290 -K291   B203
LMC    M   J340         B203  | LMC    M  K290 -K291   B208
LMC    M   J340         B208  | LMC    M  K293 -K299   B201
LMC        J341         B238  | LMC    M  K293 -K299   B203
LMC        J343 -J348   B238  | LMC    M  K293 -K299   B208
LMC    M   J36  -J371   B201  | LMC       K30  -K3190  B238
LMC    M   J36  -J371   B203  | LMC       K500 -K509   B238
LMC    M   J36  -J371   B208  | LMC       K528 -K529   B208
LMC    M   J380 -J387   B238  | LMC    M  K550 -K559   B201
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          --- B24   ---          |          --- B24    ---
            CONTINUED            |            CONTINUED
LMC    M  K550 -K559   B203      | LMC       K908 -K909   B238
LMC    M  K550 -K559   B208      | LMC       K920 -K929   B238
LMC    M  K550 -K559   B238      | LMC    M  L00         B201
LMC    M  K580         B201      | LMC    M  L00         B203
LMC    M  K580         B203      | LMC    M  L00         B208
LMC    M  K580         B208      | LMC    M  L020 -L029   B201
LMC       K589 -K605   B238      | LMC    M  L020 -L029   B203
LMC    M  K610 -K614   B201      | LMC    M  L020 -L029   B208
LMC    M  K610 -K614   B203      | LMC    M  L031 -L039   B201
LMC    M  K610 -K614   B208      | LMC    M  L031 -L039   B203
LMC       K620 -K626   B238      | LMC    M  L031 -L039   B208
LMC    M  K628         B201      | LMC    M  L089        B201
LMC    M  K628         B203      | LMC    M  L089        B203
LMC    M  K628         B208      | LMC    M  L089        B208
LMC    M  K628         B238      | LMC       L89         B238
LMC       K629         B238      | LMC    M  L950 -L959   B201
LMC    M  K630         B201      | LMC    M  L950 -L959   B203
LMC    M  K630         B203      | LMC    M  L950 -L959   B208
LMC    M  K630         B208      | LMC       L97         B238
LMC       K631 -K6310  B238      | LMC       L984        B238
LMC    M  K632         B201      | LMC    M  M000 -M1990  B201
LMC    M  K632         B203      | LMC    M  M000 -M1990  B203
LMC    M  K632         B208      | LMC    M  M000 -M1990  B208
LMC       K633 -K634   B238      | LMC    M  M300 -M308   B201
LMC    M  K638         B201      | LMC    M  M300 -M308   B203
LMC    M  K638         B203      | LMC    M  M300 -M308   B208
LMC    M  K638         B208      | LMC    M  M310 -M319   B238
LMC    M  K638         B238      | LMC       M321 -M329   B238
LMC       K639         B238      | LMC    M  M330 -M339   B201
LMC    M  K650 -K659   B201      | LMC    M  M330 -M339   B203
LMC    M  K650 -K659   B203      | LMC    M  M330 -M339   B208
LMC    M  K650 -K659   B208      | LMC       M340 -M352   B238
LMC       K660 -K669   B238      | LMC    M  M354        B201
LMC    M  K720 -K729   B201      | LMC    M  M354        B203
LMC    M  K720 -K7290  B238      | LMC    M  M354        B208
LMC    M  K750 -K759   B201      | LMC       M355        B238
LMC    M  K750 -K759   B203      | LMC    M  M356        B201
LMC    M  K750 -K759   B208      | LMC    M  M356        B203
LMC       K760 -K769   B238      | LMC    M  M356        B208
LMC    M  K810 -K819   B201      | LMC       M357 -M359   B238
LMC    M  K810 -K819   B203      | LMC    M  M45  -M479   B201
LMC    M  K810 -K819   B208      | LMC    M  M45  -M479   B203
LMC       K820 -K822   B238      | LMC    M  M45  -M479   B208
LMC       K824 -K829   B238      | LMC       M481 -M489   B238
LMC    M  K830         B201      | LMC       M619 -M629   B238
LMC    M  K830         B203      | LMC    M  M720 -M729   B201
LMC    M  K830         B208      | LMC    M  M720 -M729   B203
LMC       K831 -K832   B238      | LMC    M  M720 -M729   B208
LMC       K834 -K839   B238      | LMC    M  M720 -M729   B238
LMC    M  K85          B201      | LMC       M809        B238
LMC    M  K85          B203      | LMC       M816 -M819   B238
LMC    M  K85          B208      | LMC       M833        B238
LMC    M  K861         B201      | LMC       M839        B238
LMC    M  K861         B203      | LMC    M  M860 -M869   B201
LMC    M  K861         B208      | LMC    M  M860 -M869   B203
LMC       K862 -K869   B238      | LMC    M  M860 -M869   B208
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		--- B24 --- CONTINUED					--- B24 --- CONTINUED	
LMC		M873 -M879	B238	|	LMC		N485 -N489	B238
LMC		M899	B238	|	LMC	M	N490 -N499	B201
LMC	M	M939	B201	|	LMC		N500 -N509	B238
LMC	M	M939	B203	|	LMC	M	N61	B208
LMC	M	M939	B208	|	LMC		N640 -N649	B238
LMC	M	M939	B238	|	LMC	M	N700 -N768	B208
LMC	M	M949	B238	|	LMC		N800 -N819	B238
LMC	M	N000 -N019	B201	|	LMC	M	N820 -N829	B208
LMC	M	N000 -N019	B208	|	LMC	M	N820 -N829	B238
LMC		N020 -N029	B238	|	LMC		N830 -N839	B238
LMC	M	N030 -N039	B201	|	LMC		P230	B203
LMC	M	N030 -N039	B208	|	LMC		P231 -P236	B201
LMC		N040 -N049	B238	|	LMC		P238 -P239	B208
LMC	M	N050 -N059	B201	|	LMC		P350 -P359	B203
LMC	M	N050 -N059	B208	|	LMC		P360 -P369	B201
LMC		N060 -N069	B238	|	LMC		P370	B200
LMC	M	N10 -N12	B201	|	LMC		P371 -P374	B208
LMC	M	N10 -N12	B208	|	LMC		P375	B204
LMC		N130 -N135	B238	|	LMC		P378	B208
LMC	M	N136	B201	|	LMC		P379	B209
LMC	M	N136	B208	|	LMC		P38 -P398	B208
LMC		N137 -N139	B238	|	LMC		P399	B209
LMC		N150	B238	|	LMC		P60 -P619	B232
LMC	M	N151	B201	|	LMC		R591	B231
LMC	M	N151	B208	|	LMC		R628	B222
LMC	M	N158 -N159	B238	|	LMC		R64	B222
LMC	M	N159	B201	|				
LMC	M	N159	B208	|		--- B250 -B258 ---		
LMC		N170 -N180	B238	|				
LMC	M	N188	B238	|	DSC		B24	B202
LMC		N189 -N281	B238	|	DSC		R75	B202 *
LMC	M	N288	B201	|				
LMC	M	N288	B208	|		--- B259 ---		
LMC	M	N288	B238	|				
LMC		N289	B238	|	SDC		B199	B251
LMC	M	N300 -N303	B201	|	DSC		B24	B202
LMC	M	N300 -N303	B208	|	SMP		B250 -B258	
LMC	M	N308 -N309	B201	|	SDC		G042 -G049	B258
LMC	M	N308 -N309	B208	|	SDC		J120 -J129	B250
LMC		N310 -N320	B238	|	SDC		J180 -J189	B250
LMC		N323 -N329	B238	|	SDC		K759	B251
LMC	M	N340 -N342	B201	|	SDC		K85	B252
LMC	M	N340 -N342	B208	|	SDC	M	K861	B252
LMC		N343	B238	|	DSC		R75	B202 *
LMC		N358 -N359	B238	|				
LMC		N361 -N369	B238	|		--- B260 -B268 ---		
LMC	M	N390	B201	|				
LMC	M	N390	B208	|	DSC		B24	B203
LMC		N391 -N392	B238	|	DSC		R75	B203 *
LMC		N394 -N40	B238	|				
LMC	M	N410 -N419	B201	|		--- B269 ---		
LMC		N420 -N430	B238	|				
LMC		N432 -N44	B238	|	DSC		B24	B203
LMC	M	N450 -N459	B201	|	SMP		B260 -B268	
LMC		N480	B238	|	SDC		G030 -G039	B261
LMC	M	N481 -N482	B201	|	SDC		G042 -G049	B262

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          --- B269  ---                   |           --- B349  ---
            CONTINUED                     |             CONTINUED
SDC       G629          B268              | SMP     M  J069 -J129
SDC       I400 -I409    B268              | SMP        J203 -J208
SDC       I514          B268              | SMP        J210
SDC       K759          B268              | SMP     M  J988
SDC       K85           B263              | DSC        R75           B203  *
SDC       K861          B263              |
SDC       M130 -M139    B268              |           --- B359  ---
SDC       N000 -N009    B268              |
SDC       N051 -N059    B268              | SMP        B350 -B358
SDC       N450 -N459    B260              |
SDC       N700 -N709    B268              |           --- B369  ---
DSC       R75           B203  *  |
                                          | SMP        B360 -B368
      --- B270 -B278  ---                 |
                                          |       --- B370 -B378  ---
DSC       B24           B203  |
DSC       R75           B203  *  | DSC        B24           B204
                                          | DSC        R75           B204  *
          --- B279  ---                   |
                                          |           --- B379  ---
DSC       B24           B203  |
SMP       B270 -B278                      | SDC        A400 -A419    B377
SDC       R160          B270              | DSC        B24           B204
DSC       R75           B203  *  | SDC     M  B369          B378
                                          | SMP        B370 -B378
          --- B309  ---                   | SDC     M  B49           B378
                                          | SDC        G030 -G039    B375
SMP       B300 -B308                      | SDC        H609          B372
                                          | SDC        I340 -I38     B376
      --- B330 -B340  ---                 | SDC        J180 -J189    B371
                                          | SDC        K121          B370
DSC       B24           B203  | SDC     M  K130          B378
DSC       R75           B203  *  | SDC        K529          B378
                                          | SDC        K650 -K659    B378
          --- B341  ---                   | SDC        L030 -L039    B372
                                          | SDC        L929          B372
DSC       B24           B203  | SDC        N342          B374
SDC       J020 -J029    B085              | SDC        N481          B374
DSC       R75           B203  *  | SDC        N760          B373
                                          | SDC        N762          B373
      --- B342 -B348  ---                 | DSC        R75           B204  *
                                          |
DSC       B24           B203  |       --- B380 -B388  ---
DSC       R75           B203  *  |
                                          | DSC        B24           B205
          --- B349  ---                   | DSC        R75           B205  *
                                          |
SMP       A080 -A085                      |           --- B389  ---
SMP       A600 -A609                      |
SMP       A800 -B199          *  | DSC        B24           B205
SMP       B230                *  | SMP        B380 -B388
DSC       B24           B203  | SDC        G030 -G039    B384
SMP       B24  -B348          *  | SDC        J180 -J189    B382
SMP     M I301                            | SDC        J841 -J8410   B381
SMP     M I400                            | SDC        L00  -L989    B383
SMP     M J00                             | SDC        N40  -N429    B388
```

MODIFICATION: SELECTION RULE 3, MODIFICATION RULES A, C, AND D

```
        --- B389  ---           |         --- B439  ---
            CONTINUED           |
DSC        R75          B205  * | DSC        B24          B205
                                | SMP        B430 -B438
      --- B390 -B395  ---       | LDC        G060         B431
                                | SDC        L029         B432
DSC        B24          B205    | DSC        R75          B205  *
DSC        R75          B205  * |
                                |       --- B440 -B448  ---
        --- B399  ---           |
                                | DSC        B24          B205
DSC        B24          B205    | DSC        R75          B205  *
SMP        B390 -B395           |
LMC        J180 -J189   B392    |         --- B449  ---
DSC        R75          B205  * |
                                | DSC        B24          B205
      --- B400 -B408  ---       | SDC        B369         B448
                                | SMP        B440 -B448
DSC        B24          B205    | SDC        H600 -H609   B448
DSC        R75          B205  * | LMC        J180 -J189   B441
                                | DSC        R75          B205  *
        --- B409  ---           |
                                |       --- B450 -B458  ---
DSC        B24          B205    |
SMP        B400 -B408           | DSC        B24          B205
SDC        G042 -G048   B408    | DSC        R75          B205  *
SDC        L309         B403    |
DSC        R75          B205  * |         --- B459  ---
                                |
      --- B410 -B418  ---       | DSC        B24          B205
                                | SMP        B450 -B458
DSC        B24          B205    | SDC        G030 -G039   B451
DSC        R75          B205  * | SDC        G042 -G049   B451
                                | DSC        R75          B205  *
        --- B419  ---           |
                                |       --- B460 -B468  ---
DSC        B24          B205    |
SMP        B410 -B418           | DSC        B24          B205
SDC        L929         B418    | DSC        R75          B205  *
DSC        R75          B205  * |
                                |         --- B469  ---
      --- B420 -B428  ---       |
                                | DSC        B24          B205
DSC        B24          B205    | SMP        B460 -B468
DSC        R75          B205  * | DSC        R75          B205  *
                                |
        --- B429  ---           |       --- B470 -B471  ---
                                |
DSC        B24          B205    | DSC        B24          B205
SMP        B420 -B428           | DSC        R75          B205  *
SDC        G030 -G039   B428    |
SDC        M130 -M139   B428    |         --- B479  ---
DSC        R75          B205  * |
                                | DSC        B24          B205
      --- B430 -B438  ---       | SMP        B470 -B471
                                | DSC        R75          B205  *
DSC        B24          B205    |
DSC        R75          B205  * |
```

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                              TABLE E
       MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


          --- B480 -B488  ---      |          --- B589  ---
                                   |
DSC         B24           B205     | DSC         B24           B208
DSC         R75           B205  *  | SMP         B580 -B588
                                   | LMC         G042 -G049    B582
           --- B49   ---           | LMC         H200 -H209    B580
                                   | LMC         H300 -H309    B580
DSC         B24           B205     | LMC         I400 -I409    B588
SMP         B350 -B488             | LMC         I514          B588
DSC    M    N130 -N135    N136     | LMC         J180 -J189    B583
DSC    M    N138 -N139    N136     | LMC         K759          B581
DSC         R75           B205  *  | LMC         M600 -M601    B588
                                   | LMC         M608 -M609    B588
          --- B509  ---            | LMC         N12           B588
                                   | LMC         N159          B588
SMP         B500 -B508             | LMC         R591          B588
                                   | DSC         R75           B208  *
          --- B519  ---            |
                                   |          --- B59   ---
SMP         B510 -B518             |
                                   | DSC         B24           B206
          --- B529  ---            | DSC         R75           B206  *
                                   |
SMP         B520 -B528             |      --- B600 -B608   ---
LMC         N000 -N059    B520     |
                                   | DSC         B24           B208
          --- B54   ---            | DSC         R75           B208  *
                                   |
SMP         B500 -B538             |          --- B64   ---
LMC         R31           B508     |
LMC         R823          B508     | DSC         B24           B208
                                   | SMP         B500 -B608
          --- B559  ---            | DSC         R75           B208  *
                                   |
SMP         B550 -B552             |          --- B650  ---
                                   |
          --- B569  ---            | LMC         B651 -B813    B814
                                   | LMC         B818          B814
SMP         B560 -B561             |
                                   |          --- B651  ---
          --- B571  ---            |
                                   | LMC         B650          B814
LMC         I400 -I409    B570     | LMC         B652 -B813    B814
LMC         I429          B570     | LMC         B818          B814
LMC         I514          B570     |
LMC         I516          B570     |          --- B652  ---
                                   |
          --- B572  ---            | LMC         B650 -B651    B814
                                   | LMC         B653 -B813    B814
SMP         B570 -B571             | LMC         B818          B814
SMP         B573 -B575             |
LMC    M    G000 -G98     B574     |          --- B653  ---
LMC    M    K000 -K929    B573     |
                                   | LMC         B650 -B652    B814
     --- B580 -B588   ---          | LMC         B658 -B813    B814
                                   | LMC         B818          B814
DSC         B24           B208     |
DSC         R75           B208  *  |
```

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              --- B658  ---              |            --- B668  ---
                                         |               CONTINUED
LMC           B650 -B653    B814         |  LMC         B669 -B813    B814
LMC           B659 -B813    B814         |  LMC         B818          B814
LMC           B818          B814         |
                                         |            --- B669  ---
              --- B659  ---              |
                                         |  LMC         B650 -B668    B814
SMP           B650 -B658                 |  SMP         B660 -B668
LMC           B650 -B658    B814         |  LMC         B670 -B813    B814
LMC           B818          B814         |  LMC         B818          B814
LDC     M  K260 -K599    B651            |
LDC        K630 -K639    B651            |            --- B670  ---
LDC        K900 -K909    B651            |
LDC        K920 -K929    B651            |  LMC         B650 -B669    B814
LDC     M  L80  -L989    B653            |  LMC         B671 -B813    B814
LDC     M  N000 -N399    B650            |  LMC         B818          B814
LDC        R820          B650            |
                                         |            --- B671  ---
              --- B660  ---              |
                                         |  LMC         B650 -B670    B814
LMC           B650 -B659    B814         |  LMC         B672 -B813    B814
LMC           B661 -B813    B814         |  LMC         B818          B814
LMC           B818          B814         |
                                         |            --- B672  ---
              --- B661  ---              |
                                         |  LMC         B650 -B671    B814
LMC           B650 -B660    B814         |  LMC         B673 -B813    B814
LMC           B662 -B813    B814         |  LMC         B818          B814
LMC           B818          B814         |
                                         |            --- B673  ---
              --- B662  ---              |
                                         |  LMC         B650 -B672    B814
LMC           B650 -B661    B814         |  LMC         B674 -B813    B814
LMC           B663 -B813    B814         |  LMC         B818          B814
LMC           B818          B814         |
                                         |            --- B674  ---
              --- B663  ---              |
                                         |  LMC         B650 -B673    B814
LMC           B650 -B662    B814         |  SMP         B670 -B673
LMC           B664 -B813    B814         |  LMC         B675 -B813    B814
LMC           B818          B814         |  LMC         B818          B814
                                         |
              --- B664  ---              |            --- B675  ---
                                         |
LMC           B650 -B663    B814         |  LMC         B650 -B674    B814
LMC           B665 -B813    B814         |  LMC         B680 -B813    B814
LMC           B818          B814         |  LMC         B818          B814
                                         |
              --- B665  ---              |            --- B676  ---
                                         |
LMC           B650 -B664    B814         |  LMC         B650 -B675    B814
LMC           B668 -B813    B814         |  LMC         B677 -B813    B814
LMC           B818          B814         |  LMC         B818          B814
                                         |
              --- B668  ---              |            --- B677  ---
                                         |
LMC           B650 -B665                 |  LMC         B650 -B676    B814
```

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        --- B677  ---           |        --- B699  ---
        CONTINUED               |
SMP     B675 -B676              | LMC    B650 -B698    B814
LMC     B678 -B813    B814      | SMP    B690 -B698
LMC     B818         B814       | LMC    B700 -B813    B814
                                | LMC    B818         B814
        --- B678  ---           | LMC    G400 -G409    B690
                                | LMC    H440          B691
LMC     B650 -B677    B814      | LMC    M600 -M601    B698
SMP     B670                    | LMC    M608 -M609    B698
SMP     B675                    |
LMC     B679 -B813    B814      |        --- B700  ---
LMC     B818         B814       |
                                | LMC    B650 -B699    B814
        --- B679  ---           | LMC    B701 -B813    B814
                                | LMC    B818         B814
LMC     B650 -B678    B814      |
LMC     B680 -B813    B814      |        --- B701  ---
LMC     B818         B814       |
SDC     M860 -M869    B672      | LMC    B650 -B700    B814
                                | LMC    B710 -B813    B814
        --- B680  ---           |
                                |        --- B710  ---
LMC     B650 -B679    B814      |
LMC     B681 -B813    B814      | LMC    B650 -B701    B814
LMC     B818         B814       | LMC    B711 -B813    B814
                                | LMC    B818         B814
        --- B681  ---           |
                                |        --- B711  ---
LMC     B650 -B680    B814      |
LMC     B689 -B813    B814      | LMC    B650 -B710    B814
LMC     B818         B814       | LMC    B718 -B813    B814
                                | LMC    B818         B814
        --- B689  ---           |
                                |        --- B718  ---
LMC     B650 -B681    B814      |
SMP     B680 -B681              | LMC    B650 -B711    B814
LMC     B690 -B813    B814      | LMC    B719 -B813    B814
LMC     B818         B814       | LMC    B818         B814
                                |
        --- B690  ---           |        --- B719  ---
                                |
LMC     B650 -B689    B814      | LMC    B650 -B718    B814
LMC     B691 -B813    B814      | SMP    B710 -B718
LMC     B818         B814       | LMC    B72  -B813    B814
                                | LMC    B818         B814
        --- B691  ---           |
                                |        --- B72   ---
LMC     B650 -B690    B814      |
LMC     B698 -B813    B814      | LMC    B650 -B719    B814
LMC     B818         B814       | LMC    B73  -B813    B814
                                | LMC    B818         B814
        --- B698  ---           |
                                |        --- B73   ---
LMC     B650 -B691    B814      |
LMC     B699 -B813    B814      | LMC    B650 -B72     B814
LMC     B818         B814       | LMC    B740 -B813    B814
                                | LMC    B818         B814
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        --- B740  ---            |        --- B761  ---
                                 |           CONTINUED
LMC       B650 -B73    B814      | LMC       B768 -B813   B814
LMC       B741 -B813   B814      | LMC       B818         B814
LMC       B818         B814      |
                                 |        --- B768  ---
        --- B741  ---            |
                                 | LMC       B650 -B761   B814
LMC       B650 -B740   B814      | LMC       B769 -B813   B814
LMC       B742 -B813   B814      | LMC       B818         B814
LMC       B818         B814      |
                                 |        --- B769  ---
        --- B742  ---            |
                                 | LMC       B650 -B768   B814
LMC       B650 -B741   B814      | SMP       B760 -B768
LMC       B743 -B813   B814      | LMC       B770 -B813   B814
LMC       B818         B814      | LMC       B818         B814
                                 |
        --- B743  ---            |        --- B770  ---
                                 |
LMC       B650 -B742   B814      | LMC       B650 -B769   B814
LMC       B744 -B813   B814      | LMC       B778 -B813   B814
LMC       B818         B814      | LMC       B818         B814
                                 |
        --- B744  ---            |        --- B778  ---
                                 |
LMC       B650 -B743   B814      | LMC       B650 -B770   B814
LMC       B748 -B813   B814      | LMC       B779 -B813   B814
LMC       B818         B814      | LMC       B818         B814
                                 |
        --- B748  ---            |        --- B779  ---
                                 |
LMC       B650 -B744   B814      | LMC       B650 -B778   B814
LMC       B749 -B813   B814      | SMP       B770 -B778
LMC       B818         B814      | LMC       B780 -B813   B814
                                 | LMC       B818         B814
        --- B749  ---            | LMC       J180 -J189   B778
                                 | LMC     M K260 -K599   B770
LMC       B650 -B748   B814      | LMC       K630 -K639   B770
SMP       B740 -B748             | LMC       K900 -K909   B770
LMC       B75  -B813   B814      | LMC       K920 -K929   B770
LMC       B818         B814      |
                                 |        --- B780  ---
        --- B75   ---            |
                                 | LMC       B650 -B779   B814
LMC       B650 -B749   B814      | LMC       B781 -B813   B814
LMC       B760 -B813   B814      | LMC       B818         B814
LMC       B818         B814      |
                                 |        --- B781  ---
        --- B760  ---            |
                                 | LMC       B650 -B780   B814
LMC       B650 -B75    B814      | LMC       B787 -B813   B814
LMC       B761 -B813   B814      | LMC       B818         B814
LMC       B818         B814      |
                                 |        --- B787  ---
        --- B761  ---            |
                                 | LMC       B650 -B781   B814
LMC       B650 -B760   B814      | LMC       B789 -B813   B814
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        --- B787  ---           |        --- B839  ---
           CONTINUED            |
LMC        B818          B814   | SMP       B810 -B820
                                | SMP       B830 -B838
        --- B789  ---           |
                                |        --- B850  ---
SDC        A400 -A419   B787    |
LMC        B650 -B787   B814    | LMC       B851 -B853   B854
SMP        B780 -B787           | DS        B854
LMC        B79  -B813   B814    |
LMC        B818         B814    |        --- B851  ---
SDC    M   K260 -K599   B780    |
SDC        K630 -K639   B780    | LMC       B850          B854
SDC        K900 -K909   B780    | LMC       B852 -B853   B854
SDC        K920 -K929   B780    | DS        B854
SDC    M   L00  -L989   B781    |
                                |        --- B852  ---
        --- B79   ---           |
                                | SMP       B850 -B851
LMC        B650 -B789   B814    | LMC       B850 -B851   B854
LMC        B80  -B813   B814    | LMC       B853          B854
LMC        B818         B814    | DS        B854
                                |
        --- B80   ---           |        --- B853  ---
                                |
LMC        B650 -B79    B814    | LMC       B850 -B852   B854
LMC        B810 -B813   B814    | DS        B854
LMC        B818         B814    |
                                |        --- B879  ---
        --- B810  ---           |
                                | SMP       B870 -B878
LMC        B650 -B80    B814    |
LMC        B811 -B813   B814    |        --- B889  ---
LMC        B818         B814    |
                                | SMP       B880 -B888
        --- B811  ---           |
                                |        --- B89   ---
LMC        B650 -B810   B814    |
LMC        B812 -B813   B814    | SMP       B850 -B889
LMC        B818         B814    |
                                |        --- B909  ---
        --- B812  ---           |
                                | SMP   M   B900 -B908
LMC        B650 -B811   B814    | SDC   M   E274          B908   *
LMC        B813         B814    | SDC   M   I898          B908   *
                                | SDC   M   N288          B901   *
        --- B813  ---           |
                                |        --- B949  ---
LMC        B650 -B812   B814    |
LMC        B818         B814    | SMP       B900 -B948
                                |
        --- B818  ---           |        --- B99   ---
                                |
LMC        B650 -B813   B814    | SMP       A000 -B199          *
                                | SMP       B230                *
        --- B829  ---           | DSC       B24          B209
                                | SMP       B24  -B949          *
SMP        B820                 | DSC       R75          B209   *
```

```
                            TABLE E
    MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


            --- C000  ---          |          --- C008  ---
                                   |
LMC        C001          C002      | LMC        C000 -C006     C009
LMC        C003 -C008    C009      | LMC        C01  -C068     C97
LMC        C01  -C068    C97       | LMC        C07  -C768     C97
LMC        C07  -C768    C97       | LMC        C810 -C969     C97
LMC        C810 -C969    C97       |
                                   |          --- C009  ---
            --- C001  ---          |
                                   | SMP        C000 -C008
LMC        C000          C002      | LMC        C01  -C068     C97
LMC        C003 -C008    C009      | LMC        C07  -C768     C97
LMC        C01  -C068    C97       | LMC        C810 -C969     C97
LMC        C07  -C768    C97       |
LMC        C810 -C969    C97       |          --- C01   ---
                                   |
            --- C002  ---          | LMC        C000 -C009     C97
                                   | LMC        C020 -C028     C029
SMP        C000 -C001              | LMC        C030 -C068     C97
LMC        C003 -C008    C009      | LMC        C07  -C768     C97
LMC        C01  -C068    C97       | LMC        C810 -C969     C97
LMC        C07  -C768    C97       |
LMC        C810 -C969    C97       |          --- C020  ---
                                   |
            --- C003  ---          | LMC        C000 -C009     C97
                                   | LMC        C01           C029
LMC        C000 -C002    C009      | LMC        C021 -C022     C023
LMC        C004          C009      | LMC        C024 -C028     C029
LMC        C006 -C008    C009      | LMC        C030 -C068     C97
LMC        C01  -C068    C97       | LMC        C07  -C768     C97
LMC        C07  -C768    C97       | LMC        C810 -C969     C97
LMC        C810 -C969    C97       |
                                   |          --- C021  ---
            --- C004  ---          |
                                   | LMC        C000 -C009     C97
LMC        C000 -C003    C009      | LMC        C01           C029
LMC        C006 -C008    C009      | LMC        C020          C023
LMC        C01  -C068    C97       | LMC        C022          C023
LMC        C07  -C768    C97       | LMC        C024 -C028     C029
LMC        C810 -C969    C97       | LMC        C030 -C068     C97
                                   | LMC        C07  -C768     C97
            --- C005  ---          | LMC        C810 -C969     C97
                                   |
LMC        C000 -C002    C009      |          --- C022  ---
SMP        C003 -C004              |
LMC        C006 -C008    C009      | LMC        C000 -C009     C97
LMC        C01  -C068    C97       | LMC        C01           C029
LMC        C07  -C768    C97       | LMC        C020 -C021     C023
LMC        C810 -C969    C97       | LMC        C024 -C028     C029
                                   | LMC        C030 -C068     C97
            --- C006  ---          | LMC        C07  -C768     C97
                                   | LMC        C810 -C969     C97
LMC        C000 -C005    C009      |
LMC        C008          C009      |          --- C023  ---
LMC        C01  -C068    C97       |
LMC        C07  -C768    C97       | LMC        C000 -C009     C97
LMC        C810 -C969    C97       | LMC        C01           C029
                                   | SMP        C020 -C022
                            E-51   (11-04)
```

```
                             TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


              --- C023  ---           |          --- C040  ---
                 CONTINUED            |
       LMC     C024 -C028    C029      | LMC     C000 -C039    C97
       LMC     C030 -C068    C97       | LMC     C041 -C048    C049
       LMC     C07  -C768    C97       | LMC     C050 -C068    C97
       LMC     C810 -C969    C97       | LMC     C07  -C768    C97
                                       | LMC     C810 -C969    C97
              --- C024  ---            |
                                       |          --- C041  ---
       LMC     C000 -C009    C97       |
       LMC     C01  -C023    C029      | LMC     C000 -C039    C97
       LMC     C028          C029      | LMC     C040          C049
       LMC     C030 -C068    C97       | LMC     C050 -C068    C97
       LMC     C07  -C768    C97       | LMC     C07  -C768    C97
       LMC     C810 -C969    C97       | LMC     C810 -C969    C97
                                       |
              --- C028  ---            |          --- C048  ---
                                       |
       LMC     C000 -C009    C97       | LMC     C000 -C039    C97
       LMC     C01  -C024    C029      | LMC     C040 -C041    C049
       LMC     C030 -C068    C97       | LMC     C050 -C068    C97
       LMC     C07  -C768    C97       | LMC     C07  -C768    C97
       LMC     C810 -C969    C97       | LMC     C810 -C969    C97
                                       |
              --- C029  ---            |          --- C049  ---
                                       |
       LMC     C000 -C009    C97       | LMC     C000 -C039    C97
       SMP     C01  -C028              | SMP     C040 -C048
       LMC     C030 -C068    C97       | LMC     C050 -C068    C97
       LMC     C07  -C768    C97       | LMC     C07  -C768    C97
       LMC     C810 -C969    C97       | LMC     C810 -C969    C97
                                       |
              --- C030  ---            |          --- C050  ---
                                       |
       LMC     C000 -C029    C97       | LMC     C000 -C049    C97
       LMC     C031          C039      | LMC     C051 -C058    C059
       LMC     C040 -C068    C97       | LMC     C060 -C068    C97
       LMC     C07  -C768    C97       | LMC     C07  -C768    C97
       LMC     C810 -C969    C97       | LMC     C810 -C969    C97
                                       |
              --- C031  ---            |          --- C051  ---
                                       |
       LMC     C000 -C029    C97       | LMC     C000 -C049    C97
       LMC     C030          C039      | LMC     C050          C059
       LMC     C040 -C068    C97       | LMC     C052 -C058    C059
       LMC     C07  -C768    C97       | LMC     C060 -C068    C97
       LMC     C810 -C969    C97       | LMC     C07  -C768    C97
                                       | LMC     C810 -C969    C97
              --- C039  ---            |
                                       |          --- C052  ---
       LMC     C000 -C029    C97       |
       SMP     C030 -C031              | LMC     C000 -C049    C97
       LMC     C040 -C068    C97       | LMC     C050 -C051    C059
       LMC     C07  -C768    C97       | LMC     C058          C059
       LMC     C810 -C969    C97       | LMC     C060 -C068    C97
                                       | LMC     C07  -C768    C97
                                       | LMC     C810 -C969    C97
                                       |
                                       |
                            E-52   (11-04)
```

```
            --- C058  ---              |          --- C080  ---
                                       |
LMC         C000 -C049   C97    | LMC         C000 -C069   C97
LMC         C050 -C052   C059   | LMC         C07          C089
LMC         C060 -C068   C97    | LMC         C081 -C088   C089
LMC         C07  -C768   C97    | LMC         C090 -C768   C97
LMC         C810 -C969   C97    | LMC         C810 -C969   C97
                                       |
            --- C059  ---              |          --- C081  ---
                                       |
LMC         C000 -C049   C97    | LMC         C000 -C069   C97
SMP         C050 -C058          | LMC         C07  -C080   C089
LMC         C060 -C068   C97    | LMC         C088         C089
LMC         C07  -C768   C97    | LMC         C090 -C768   C97
LMC         C810 -C969   C97    | LMC         C810 -C969   C97
                                       |
            --- C060  ---              |          --- C088  ---
                                       |
LMC         C000 -C059   C97    | LMC         C000 -C069   C97
LMC         C061 -C068   C069   | LMC         C07  -C081   C089
LMC         C07  -C768   C97    | LMC         C090 -C768   C97
LMC         C810 -C969   C97    | LMC         C810 -C969   C97
                                       |
            --- C061  ---              |          --- C089  ---
                                       |
LMC         C000 -C059   C97    | LMC         C000 -C069   C97
LMC         C060         C069   | SMP         C07  -C088
LMC         C062 -C068   C069   | LMC         C090 -C768   C97
LMC         C07  -C768   C97    | LMC         C810 -C969   C97
LMC         C810 -C969   C97    |
                                       |          --- C090  ---
            --- C062  ---              |
                                       | LMC         C000 -C089   C97
LMC         C000 -C059   C97    | LMC         C091 -C098   C099
LMC         C060 -C061   C069   | LMC         C100 -C139   C97
LMC         C068         C069   | LMC         C142 -C768   C97
LMC         C07  -C768   C97    | LMC         C810 -C969   C97
LMC         C810 -C969   C97    |
                                       |          --- C091  ---
            --- C068  ---              |
                                       | LMC         C000 -C089   C97
LMC         C000 -C059   C97    | LMC         C090         C099
LMC         C060 -C062   C069   | LMC         C098         C099
LMC         C07  -C768   C97    | LMC         C100 -C139   C97
LMC         C810 -C969   C97    | LMC         C142 -C768   C97
                                       | LMC         C810 -C969   C97
            --- C069  ---              |
                                       |          --- C098  ---
SMP         C000 -C068          |
LMC         C07  -C768   C97    | LMC         C000 -C089   C97
LMC         C810 -C969   C97    | LMC         C090 -C091   C099
                                       | LMC         C100 -C139   C97
            --- C07   ---              | LMC         C142 -C768   C97
                                       | LMC         C810 -C969   C97
LMC         C000 -C069   C97    |
LMC         C080 -C088   C089   |          --- C099  ---
LMC         C090 -C768   C97    |
LMC         C810 -C969   C97    | LMC         C000 -C089   C97
```

```
        --- C099  ---               |         --- C109  ---
           CONTINUED                |
SMP        C090 -C098               | LMC       C000 -C099   C97
LMC        C100 -C139    C97        | SMP       C100 -C108
LMC        C142 -C768    C97        | LMC       C110 -C139   C97
LMC        C810 -C969    C97        | LMC       C142 -C768   C97
                                    | LMC       C810 -C969   C97
        --- C100  ---               |
                                    |         --- C110  ---
LMC        C000 -C099    C97        |
LMC        C101 -C108    C109       | LMC       C000 -C109   C97
LMC        C119 -C139    C97        | LMC       C111 -C118   C119
LMC        C142 -C768    C97        | LMC       C12  -C139   C97
LMC        C810 -C969    C97        | LMC       C142 -C768   C97
                                    | LMC       C810 -C969   C97
        --- C101  ---               |
                                    |         --- C111  ---
LMC        C000 -C099    C97        |
LMC        C100          C109       | LMC       C000 -C109   C97
LMC        C102 -C108    C109       | LMC       C110         C119
LMC        C110 -C139    C97        | LMC       C112 -C118   C119
LMC        C142 -C768    C97        | LMC       C12  -C139   C97
LMC        C810 -C969    C97        | LMC       C142 -C768   C97
                                    | LMC       C810 -C969   C97
        --- C102  ---               |
                                    |         --- C112  ---
LMC        C000 -C099    C97        |
LMC        C100 -C101    C109       | LMC       C000 -C109   C97
LMC        C103 -C108    C109       | LMC       C110 -C111   C119
LMC        C110 -C139    C97        | LMC       C113 -C118   C119
LMC        C142 -C768    C97        | LMC       C12  -C139   C97
LMC        C810 -C969    C97        | LMC       C142 -C768   C97
                                    | LMC       C810 -C969   C97
        --- C103  ---               |
                                    |         --- C113  ---
LMC        C000 -C099    C97        |
LMC        C100 -C102    C109       | LMC       C000 -C109   C97
LMC        C104 -C108    C109       | LMC       C110 -C112   C119
LMC        C110 -C139    C97        | LMC       C118         C119
LMC        C142 -C768    C97        | LMC       C12  -C139   C97
LMC        C810 -C969    C97        | LMC       C142 -C768   C97
                                    | LMC       C810 -C969   C97
        --- C104  ---               |
                                    |         --- C118  ---
LMC        C000 -C099    C97        |
LMC        C100 -C103    C109       | LMC       C000 -C109   C97
LMC        C108          C109       | LMC       C110 -C113   C119
LMC        C110 -C139    C97        | LMC       C12  -C139   C97
LMC        C142 -C768    C97        | LMC       C142 -C768   C97
LMC        C810 -C969    C97        | LMC       C810 -C969   C97
                                    |
        --- C108  ---               |         --- C119  ---
                                    |
LMC        C000 -C099    C97        | LMC       C000 -C109   C97
LMC        C100 -C104    C109       | SMP       C110 -C118
LMC        C110 -C139    C97        | LMC       C12  -C768   C97
LMC        C142 -C768    C97        | LMC       C810 -C969   C97
LMC        C810 -C969    C97        |
```

```
            --- C12    ---           |        --- C148   ---

LMC         C000 -C119    C97        | LMC         C000 -C139    C97
LMC         C130 -C768    C97        | LMC         C150 -C768    C97
LMC         C810 -C969    C97        | LMC         C810 -C969    C97

            --- C130   ---           |        --- C150   ---

LMC         C000 -C12     C97        | LMC         C000 -C148    C97
LMC         C131 -C138    C139       | LMC         C151 -C152    C159
LMC         C142 -C768    C97        | LMC         C154 -C158    C159
LMC         C810 -C969    C97        | LMC         C160 -C268    C269
                                     | LMC         C300 -C768    C97
            --- C131   ---           | LMC         C810 -C969    C97

LMC         C000 -C12     C97        |
LMC         C130          C139       |        --- C151   ---
LMC         C132 -C138    C139       |
LMC         C142 -C768    C97        | LMC         C000 -C148    C97
LMC         C810 -C969    C97        | LMC         C150          C159
                                     | LMC         C152 -C153    C159
            --- C132   ---           | LMC         C155 -C158    C159
                                     | LMC         C160 -C268    C269
LMC         C000 -C12     C97        | LMC         C300 -C768    C97
LMC         C130 -C131    C139       | LMC         C810 -C969    C97
LMC         C138          C139       |
LMC         C142 -C768    C97        |        --- C152   ---
LMC         C810 -C969    C97        |
                                     | LMC         C000 -C148    C97
            --- C138   ---           | LMC         C150 -C151    C159
                                     | LMC         C153 -C154    C159
LMC         C000 -C12     C97        | LMC         C158          C159
LMC         C130 -C132    C139       | LMP       # C160
LMC         C142 -C768    C97        | LMC         C161 -C168    C269
LMC         C810 -C969    C97        | LMC       # C169          C160
                                     | LMC         C170 -C268    C269
            --- C139   ---           | LMC         C300 -C768    C97
                                     | LMC         C810 -C969    C97
LMC         C000 -C12     C97        |
SMP         C130 -C138               |        --- C153   ---
LMC         C140 -C768    C97        |
LMC         C810 -C969    C97        | LMC         C000 -C148    C97
                                     | LMC         C151 -C152    C159
            --- C140   ---           | LMC         C154 -C158    C159
                                     | LMC         C160 -C268    C269
LMC         C000 -C089    C97        | LMC         C300 -C768    C97
SMP         C090 -C139               | LMC         C810 -C969    C97
LMC         C142          C148       |
LMC         C150 -C768    C97        |        --- C154   ---
LMC         C810 -C969    C97        |
                                     | LMC         C000 -C148    C97
            --- C142   ---           | LMC         C150          C159
                                     | LMC         C152 -C153    C159
LMC         C000 -C139    C97        | LMC         C155 -C158    C159
LMC         C140          C148       | LMC         C160 -C268    C269
LMC         C150 -C768    C97        | LMC         C300 -C768    C97
LMC         C810 -C969    C97        | LMC         C810 -C969    C97
                                     |
```

MODIFICATION: SELECTION RULE 3, MODIFICATION RULES A, C, AND D

```
          --- C155  ---            |           --- C162  ---
                                   |              CONTINUED
LMC        C000 -C148    C97       | LMC         C170 -C268    C269
LMC        C150 -C151    C159      | LMC         C300 -C768    C97
LMC        C153 -C154    C159      | LMC         C810 -C969    C97
LMC        C158          C159      |
LMP      # C160                    |           --- C163  ---
LMC        C161 -C168    C269      |
LMC      # C169          C160      | LMC         C000 -C148    C97
LMC        C170 -C268    C269      | LMC         C150 -C159    C269
LMC        C300 -C768    C97       | LMC         C160 -C162    C169
LMC        C810 -C969    C97       | LMC         C164 -C168    C169
                                   | LMC         C170 -C268    C269
          --- C158  ---            | LMC         C300 -C768    C97
                                   | LMC         C810 -C969    C97
LMC        C000 -C148    C97       |
LMC        C150 -C155    C269      |           --- C164  ---
LMC        C160 -C268    C269      |
LMC        C300 -C768    C97       | LMC         C000 -C148    C97
LMC        C810 -C969    C97       | LMC         C150 -C159    C269
                                   | LMC         C160 -C163    C169
          --- C159  ---            | LMC         C165 -C168    C169
                                   | LMC         C170 -C268    C269
LMC        C000 -C148    C97       | LMC         C300 -C768    C97
SMP        C150 -C158             | LMC         C810 -C969    C97
LMC        C160 -C168    C269      |
LMC      # C169          C160      |           --- C165  ---
LMC        C170 -C268    C269      |
LMC        C300 -C768    C97       | LMC         C000 -C148    C97
LMC        C810 -C969    C97       | LMC         C150 -C159    C269
                                   | LMC         C160 -C164    C169
          --- C160  ---            | LMC         C166 -C168    C169
                                   | LMC         C170 -C268    C269
LMC        C000 -C148    C97       | LMC         C300 -C768    C97
LMC        C150 -C151    C269      | LMC         C810 -C969    C97
LMC        C153 -C154    C269      |
LMC        C158          C269      |           --- C166  ---
LMC        C161 -C168    C169      |
LMC        C170 -C268    C269      | LMC         C000 -C148    C97
LMC        C300 -C768    C97       | LMC         C150 -C159    C269
LMC        C810 -C969    C97       | LMC         C160 -C165    C169
                                   | LMC         C168          C169
          --- C161  ---            | LMC         C170 -C268    C269
                                   | LMC         C300 -C768    C97
LMC        C000 -C148    C97       | LMC         C810 -C969    C97
LMC        C150 -C159    C269      |
LMC        C160          C169      |           --- C168  ---
LMC        C162 -C168    C169      |
LMC        C170 -C268    C269      | LMC         C000 -C148    C97
LMC        C300 -C768    C97       | LMC         C150 -C159    C269
LMC        C810 -C969    C97       | LMC         C160 -C166    C169
                                   | LMC         C170 -C268    C269
          --- C162  ---            | LMC         C300 -C768    C97
                                   | LMC         C810 -C969    C97
LMC        C000 -C148    C97       |
LMC        C150 -C159    C269      |           --- C169  ---
LMC        C160 -C161    C169      |
LMC        C163 -C168    C169      | LMC         C000 -C148    C97
```

```
            --- C169  ---             |          --- C178  ---
              CONTINUED               |            CONTINUED
LMC           C150 -C151   C269       | LMC        C170 -C173   C179
LMC           C153 -C154   C269       | LMC        C180 -C268   C269
LMC           C158         C269       | LMC        C300 -C768   C97
LMC         # C159         C160   * | LMC        C810 -C969   C97
SMP           C160 -C168             |
LMC           C170 -C268   C269       |          --- C179  ---
LMC           C300 -C768   C97        |
LMC           C810 -C969   C97        | LMC        C000 -C148   C97
                                      | LMC        C150 -C169   C269
            --- C170  ---             | SMP        C170 -C178
                                      | LMC        C180 -C259   C269
LMC           C000 -C148   C97        | LMC        C261 -C268   C269
LMC           C150 -C169   C269       | LMC        C300 -C768   C97
LMC           C171 -C178   C179       | LMC        C810 -C969   C97
LMC           C180 -C259   C269       |
LMC           C261 -C268   C269       |          --- C180  ---
LMC           C300 -C768   C97        |
LMC           C810 -C969   C97        | LMC        C000 -C148   C97
                                      | LMC        C150 -C179   C269
            --- C171  ---             | LMC        C181 -C188   C189
                                      | LMC        C19  -C259   C269
LMC           C000 -C148   C97        | LMC        C261 -C268   C269
LMC           C150 -C169   C269       | LMC        C300 -C768   C97
LMC           C170         C179       | LMC        C810 -C969   C97
LMC           C172 -C178   C179       |
LMC           C180 -C259   C269       |          --- C181  ---
LMC           C261 -C268   C269       |
LMC           C300 -C768   C97        | LMC        C000 -C148   C97
LMC           C810 -C969   C97        | LMC        C150 -C179   C269
                                      | LMC        C180         C189
            --- C172  ---             | LMC        C182 -C188   C189
                                      | LMC        C19  -C259   C269
LMC           C000 -C148   C97        | LMC        C261 -C268   C269
LMC           C150 -C169   C269       | LMC        C300 -C768   C97
LMC           C170 -C171   C179       | LMC        C810 -C969   C97
LMC           C173 -C178   C179       |
LMC           C180 -C259   C269       |          --- C182  ---
LMC           C261 -C268   C269       |
LMC           C300 -C768   C97        | LMC        C000 -C148   C97
LMC           C810 -C969   C97        | LMC        C150 -C179   C269
                                      | LMC        C180 -C181   C189
            --- C173  ---             | LMC        C183 -C188   C189
                                      | LMC        C19  -C259   C269
LMC           C000 -C148   C97        | LMC        C261 -C268   C269
LMC           C150 -C169   C269       | LMC        C300 -C768   C97
LMC           C170 -C172   C179       | LMC        C810 -C969   C97
LMC           C178         C179       |
LMC           C180 -C259   C269       |          --- C183  ---
LMC           C261 -C268   C269       |
LMC           C300 -C768   C97        | LMC        C000 -C148   C97
LMC           C810 -C969   C97        | LMC        C150 -C179   C269
                                      | LMC        C180 -C182   C189
            --- C178  ---             | LMC        C184 -C188   C189
                                      | LMC        C19  -C259   C269
LMC           C000 -C148   C97        | LMC        C261 -C268   C269
LMC           C150 -C169   C269       | LMC        C300 -C768   C97
```

```
          --- C183  ---        |            --- C188  ---
            CONTINUED          |              CONTINUED
LMC         C810 -C969   C97   | LMC         C810 -C969   C97
                               |
          --- C184  ---        |            --- C189  ---
                               |
LMC         C000 -C148   C97   | LMC         C000 -C148   C97
LMC         C150 -C179   C269  | LMC         C150 -C179   C269
LMC         C180 -C183   C189  | SMP         C180 -C188
LMC         C185 -C188   C189  | LMP       # C19
LMC         C19  -C259   C269  | LMC       # C20         C19
LMC         C261 -C268   C269  | LMC         C210 -C259   C269
LMC         C300 -C768   C97   | LMC         C261 -C268   C269
LMC         C810 -C969   C97   | LMC         C300 -C768   C97
                               | LMC         C810 -C969   C97
          --- C185  ---        |
                               |            --- C19   ---
LMC         C000 -C148   C97   |
LMC         C150 -C179   C269  | LMC         C000 -C148   C97
LMC         C180 -C184   C189  | LMC         C150 -C169   C269
LMC         C186 -C188   C189  | LMC         C180 -C186   C269
LMC         C19  -C259   C269  | LMC         C188         C269
LMC         C261 -C268   C269  | LMC         C210 -C259   C269
LMC         C300 -C768   C97   | LMC         C261 -C268   C269
LMC         C810 -C969   C97   | LMC         C300 -C768   C97
                               | LMC         C810 -C969   C97
          --- C186  ---        |
                               |            --- C20   ---
LMC         C000 -C148   C97   |
LMC         C150 -C179   C269  | LMC         C000 -C148   C97
LMC         C180 -C185   C189  | LMC         C150 -C186   C269
LMC         C187 -C188   C189  | LMC       # C187         C19
LMC         C19  -C259   C269  | LMC         C188         C269
LMC         C261 -C268   C269  | LMC       # C189         C19
LMC         C300 -C768   C97   | LMC         C210 -C212   C218
LMC         C810 -C969   C97   | LMC         C220 -C268   C269
                               | LMC         C300 -C768   C97
          --- C187  ---        | LMC         C810 -C969   C97
                               |
LMC         C000 -C148   C97   |            --- C210  ---
LMC         C150 -C179   C269  |
LMC         C180 -C186   C189  | LMC         C000 -C148   C97
LMC         C188         C189  | LMC         C150 -C19    C269
LMP       # C19                | LMC         C20          C218
LMC       # C20         C19    | SMP         C211
LMC         C210 -C259   C269  | LMC         C220 -C268   C269
LMC         C261 -C268   C269  | LMC         C300 -C768   C97
LMC         C300 -C768   C97   | LMC         C810 -C969   C97
LMC         C810 -C969   C97   |
                               |          --- C211 -C212  ---
          --- C188  ---        |
                               | LMC         C000 -C148   C97
LMC         C000 -C148   C97   | LMC         C150 -C19    C269
LMC         C150 -C179   C269  | LMC         C20          C218
LMC         C180 -C187   C189  | LMC         C220 -C268   C269
LMC         C210 -C259   C269  | LMC         C300 -C768   C97
LMC         C261 -C268   C269  | LMC         C810 -C969   C97
LMC         C300 -C768   C97   |
```

```
          --- C218  ---             |           --- C224  ---
                                    |              CONTINUED
LMC       C000 -C148    C97         | LMC       C23  -C248    C249
LMC       C150 -C19     C269        | LMC       C250 -C268    C269
SMP       C20  -C212                | LMC       C300 -C768    C97
LMC       C220 -C268    C269        | LMC       C810 -C969    C97
LMC       C300 -C768    C97         |
LMC       C810 -C969    C97         |           --- C227  ---
                                    |
          --- C220  ---             | LMC       C000 -C148    C97
                                    | LMC       C150 -C218    C269
LMC       C000 -C148    C97         | LMC       C220 -C224    C97
LMC       C150 -C218    C269        | LMC       C23  -C248    C249
LMC       C222 -C229    C97         | LMC       C250 -C268    C269
LMC       C23  -C248    C249        | LMC       C300 -C768    C97
LMC       C250 -C268    C269        | LMC       C810 -C969    C97
LMC       C300 -C768    C97         |
LMC       C810 -C969    C97         |           --- C229  ---
                                    |
          --- C221  ---             | LMC       C000 -C148    C97
                                    | LMC       C150 -C218    C269
LMC       C000 -C148    C97         | SMP     M C220 -C227
LMC       C150 -C218    C269        | LMC       C23  -C248    C249
LMP     # C220                      | LMC       C250 -C268    C269
LMC       C222 -C229    C97         | LMC       C300 -C768    C97
LMC       C23  -C248    C249        | LMC       C810 -C969    C97
LMC       C250 -C268    C269        |
LMC       C300 -C768    C97         |           --- C23   ---
LMC       C810 -C969    C97         |
                                    | LMC       C000 -C148    C97
          --- C222  ---             | LMC       C150 -C218    C269
                                    | LMC       C220 -C229    C249
LMC       C000 -C148    C97         | LMC       C240 -C248    C249
LMC       C150 -C218    C269        | LMC       C250 -C268    C269
LMC       C220 -C221    C97         | LMC       C300 -C768    C97
LMC       C223 -C229    C97         | LMC       C810 -C969    C97
LMC       C23  -C248    C249        |
LMC       C250 -C268    C269        |           --- C240  ---
LMC       C300 -C768    C97         |
LMC       C810 -C969    C97         | LMC       C000 -C148    C97
                                    | LMC       C150 -C218    C269
          --- C223  ---             | LMC       C220 -C23     C249
                                    | LMC       C241 -C248    C249
LMC       C000 -C148    C97         | LMC       C250 -C268    C269
LMC       C150 -C218    C269        | LMC       C300 -C768    C97
LMC       C220 -C222    C97         | LMC       C810 -C969    C97
LMC       C224 -C229    C97         |
LMC       C23  -C248    C249        |           --- C241  ---
LMC       C250 -C268    C269        |
LMC       C300 -C768    C97         | LMC       C000 -C148    C97
LMC       C810 -C969    C97         | LMC       C150 -C218    C269
                                    | LMC       C220 -C240    C249
          --- C224  ---             | LMC       C248         C249
                                    | LMC       C250 -C268    C269
LMC       C000 -C148    C97         | LMC       C300 -C768    C97
LMC       C150 -C218    C269        | LMC       C810 -C969    C97
LMC       C220 -C223    C97         |
LMC       C227          C97         |
```

```
                               TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


              --- C248  ---            |           --- C254  ---

LMC          C000 -C148    C97        | LMC       C000 -C148    C97
LMC          C150 -C218    C269       | LMC       C150 -C249    C269
LMC          C220 -C241    C249       | LMC       C250 -C253    C259
LMC          C250 -C268    C269       | LMC       C257 -C258    C259
LMC          C300 -C768    C97        | LMC       C260 -C268    C269
LMC          C810 -C969    C97        | LMC       C300 -C768    C97
                                      | LMC       C810 -C969    C97
              --- C249  ---            |
                                      |           --- C257  ---
LMC          C000 -C148    C97        |
LMC          C150 -C218    C269       | LMC       C000 -C148    C97
SMP          C220 -C248              | LMC       C150 -C249    C269
LMC          C250 -C268    C269       | LMC       C250 -C254    C259
LMC          C300 -C768    C97        | LMC       C258          C259
LMC          C810 -C969    C97        | LMC       C260 -C268    C269
                                      | LMC       C300 -C768    C97
              --- C250  ---            | LMC       C810 -C969    C97
                                      |
LMC          C000 -C148    C97        |           --- C258  ---
LMC          C150 -C249    C269       |
LMC          C251 -C258    C259       | LMC       C000 -C148    C97
LMC          C260 -C268    C269       | LMC       C150 -C249    C269
LMC          C300 -C768    C97        | LMC       C250 -C257    C259
LMC          C810 -C969    C97        | LMC       C260 -C268    C269
                                      | LMC       C300 -C768    C97
              --- C251  ---            | LMC       C810 -C969    C97
                                      |
LMC          C000 -C148    C97        |           --- C259  ---
LMC          C150 -C249    C269       |
LMC          C250          C259       | LMC       C000 -C148    C97
LMC          C252 -C258    C259       | LMC       C150 -C249    C269
LMC          C260 -C268    C269       | SMP       C250 -C258
LMC          C300 -C768    C97        | LMC       C260 -C268    C269
LMC          C810 -C969    C97        | LMC       C300 -C768    C97
                                      | LMC       C810 -C969    C97
              --- C252  ---            |
                                      |           --- C260  ---
LMC          C000 -C148    C97        |
LMC          C150 -C249    C269       | LMC       C000 -C148    C97
LMC          C250 -C251    C259       | LMC       C150 -C169    C269
LMC          C253 -C258    C259       | SMP       C170 -C218
LMC          C260 -C268    C269       | LMC       C220 -C259    C269
LMC          C300 -C768    C97        | LMC       C261 -C268    C269
LMC          C810 -C969    C97        | LMC       C300 -C768    C97
                                      | LMC       C810 -C969    C97
              --- C253  ---            |
                                      |           --- C261  ---
LMC          C000 -C148    C97        |
LMC          C150 -C249    C269       | LMC       C000 -C148    C97
LMC          C250 -C252    C259       | LMC       C150 -C260    C269
LMC          C254 -C258    C259       | LMC       C268          C269
LMC          C260 -C268    C269       | LMC       C300 -C768    C97
LMC          C300 -C768    C97        | LMC       C810 -C969    C97
LMC          C810 -C969    C97        |
                                      |
                                      |
                                      |
                           E-60  (11-04)
```

```
                              TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


              --- C268 ---               |          --- C313  ---
                                         |
LMC          C000 -C148     C97          | LMC         C000 -C269     C97
LMC          C150 -C261     C269         | LMC         C300 -C301     C399
LMC          C300 -C768     C97          | LMC         C310 -C312     C319
LMC          C810 -C969     C97          | LMC         C318           C319
                                         | LMC         C320 -C398     C399
              --- C269 ---               | LMC         C400 -C768     C97
                                         | LMC         C810 -C969     C97
LMC          C000 -C148     C97          |
SMP        M C150 -C268                  |          --- C318  ---
LMC          C300 -C768     C97          |
LMC          C810 -C969     C97          | LMC         C000 -C269     C97
                                         | LMC         C300 -C301     C399
              --- C300 ---               | LMC         C310 -C313     C319
                                         | LMC         C320 -C398     C399
LMC          C000 -C269     C97          | LMC         C400 -C768     C97
LMC          C301 -C398     C399         | LMC         C810 -C969     C97
LMC          C400 -C768     C97          |
LMC          C810 -C969     C97          |          --- C319  ---
                                         |
              --- C301 ---               | LMC         C000 -C269     C97
                                         | LMC         C300 -C301     C399
LMC          C000 -C269     C97          | SMP         C310 -C318
LMC          C300           C399         | LMC         C320 -C398     C399
LMC        # C310 -C398     C399         | LMC         C400 -C768     C97
LMC          C400 -C768     C97          | LMC         C810 -C969     C97
LMC          C810 -C969     C97          |
                                         |          --- C320  ---
              --- C310 ---               |
                                         | LMC         C000 -C269     C97
LMC          C000 -C269     C97          | LMC         C300 -C319     C399
LMC          C300 -C301     C399         | LMC         C321 -C328     C329
LMC          C311 -C318     C319         | LMC         C33  -C398     C399
LMC          C320 -C398     C399         | LMC         C400 -C768     C97
LMC          C400 -C768     C97          | LMC         C810 -C969     C97
LMC          C810 -C969     C97          |
                                         |          --- C321  ---
              --- C311 ---               |
                                         | LMC         C000 -C269     C97
LMC          C000 -C269     C97          | LMC         C300 -C319     C399
LMC          C300 -C301     C399         | LMC         C320           C329
LMC          C310           C319         | LMC         C322 -C328     C329
LMC          C312 -C318     C319         | LMC         C33  -C398     C399
LMC          C320 -C398     C399         | LMC         C400 -C768     C97
LMC          C400 -C768     C97          | LMC         C810 -C969     C97
LMC          C810 -C969     C97          |
                                         |          --- C322  ---
              --- C312 ---               |
                                         | LMC         C000 -C269     C97
LMC          C000 -C269     C97          | LMC         C300 -C319     C399
LMC          C300 -C301     C399         | LMC         C320 -C321     C329
LMC          C310 -C311     C319         | LMC         C323 -C328     C329
LMC          C313           C319         | LMC         C33  -C398     C399
LMC          C320 -C398     C399         | LMC         C400 -C768     C97
LMC          C400 -C768     C97          | LMC         C810 -C969     C97
LMC          C810 -C969     C97          |
                                         |
                              E-61  (11-04)
```

```
            --- C323  ---            |          --- C342  ---
                                     |             CONTINUED
LMC         C000 -C269    C97        | LMC         C300 -C33     C399
LMC         C300 -C319    C399       | LMC         C340 -C341    C349
LMC         C320 -C322    C329       | LMC         C343 -C348    C349
LMC         C328          C329       | LMC         C37  -C398    C399
LMC         C33  -C398    C399       | LMC         C400 -C768    C97
LMC         C400 -C768    C97        | LMC         C810 -C969    C97
LMC         C810 -C969    C97        |
                                     |          --- C343  ---
            --- C328  ---            |
                                     | LMC         C000 -C269    C97
LMC         C000 -C269    C97        | LMC         C300 -C33     C399
LMC         C300 -C319    C399       | LMC         C340 -C342    C349
LMC         C320 -C323    C329       | LMC         C348          C349
LMC         C33  -C398    C399       | LMC         C37  -C398    C399
LMC         C400 -C768    C97        | LMC         C400 -C768    C97
LMC         C810 -C969    C97        | LMC         C810 -C969    C97
                                     |
            --- C329  ---            |          --- C348  ---
                                     |
LMC         C000 -C269    C97        | LMC         C000 -C269    C97
LMC         C300 -C319    C399       | LMC         C300 -C33     C399
SMP         C320 -C328              | LMC         C340 -C343    C349
LMC         C33  -C398    C399       | LMC         C37  -C398    C399
LMC         C400 -C768    C97        | LMC         C400 -C768    C97
LMC         C810 -C969    C97        | LMC         C810 -C969    C97
                                     |
            --- C33   ---            |          --- C349  ---
                                     |
LMC         C000 -C269    C97        | LMC         C000 -C269    C97
LMC         C300 -C329    C399       | LMC         C300 -C33     C399
LMC         C340 -C398    C399       | SMP         C340 -C348
LMC         C400 -C768    C97        | LMC         C37  -C398    C399
LMC         C810 -C969    C97        | LMC         C400 -C768    C97
                                     | LMC         C810 -C969    C97
            --- C340  ---            |
                                     |          --- C37   ---
LMC         C000 -C269    C97        |
LMC         C300 -C33     C399       | LMC         C000 -C269    C97
LMC         C341 -C348    C349       | LMC         C300 -C349    C399
LMC         C37  -C398    C399       | LMC         C380 -C398    C399
LMC         C400 -C768    C97        | LMC         C400 -C768    C97
LMC         C810 -C969    C97        | LMC         C810 -C969    C97
                                     |
            --- C341  ---            |          --- C380  ---
                                     |
LMC         C000 -C269    C97        | LMC         C000 -C269    C97
LMC         C300 -C33     C399       | LMC         C300 -C37     C399
LMC         C340          C349       | LMC         C381 -C398    C399
LMC         C342 -C348    C349       | LMC         C400 -C768    C97
LMC         C37  -C398    C399       | LMC         C810 -C969    C97
LMC         C400 -C768    C97        |
LMC         C810 -C969    C97        |          --- C381  ---
                                     |
            --- C342  ---            | LMC         C000 -C269    C97
                                     | LMC         C300 -C380    C399
LMC         C000 -C269    C97        | LMC         C382          C383
```

```
            --- C381  ---          |       --- C399  ---
              CONTINUED            |
LMC         C384 -C398   C399      | LMC     C000 -C269   C97
LMC         C400 -C768   C97       | SMP     C300 -C398
LMC         C810 -C969   C97       | LMC     C400 -C768   C97
                                   | LMC     C810 -C969   C97
            --- C382  ---          |
                                   |       --- C400  ---
LMC         C000 -C269   C97       |
LMC         C300 -C380   C399      | LMC     C000 -C399   C97
LMC         C381         C383      | LMC     C401 -C408   C409
LMC         C384 -C398   C399      | LMC     C410 -C418   C419
LMC         C400 -C768   C97       | LMC     C430 -C768   C97
LMC         C810 -C969   C97       | LMC     C810 -C969   C97

            --- C383  ---          |       --- C401  ---

LMC         C000 -C269   C97       | LMC     C000 -C399   C97
LMC         C300 -C380   C399      | LMC     C400         C409
SMP         C381 -C382             | LMC     C402 -C408   C409
LMC         C384 -C398   C399      | LMC     C410 -C418   C419
LMC         C400 -C768   C97       | LMC     C430 -C768   C97
LMC         C810 -C969   C97       | LMC     C810 -C969   C97

            --- C384  ---          |       --- C402  ---

LMC         C000 -C269   C97       | LMC     C000 -C399   C97
LMC         C300 -C383   C399      | LMC     C400 -C401   C409
LMC         C388 -C398   C399      | LMC     C403 -C408   C409
LMC         C400 -C768   C97       | LMC     C410 -C418   C419
LMC         C810 -C969   C97       | LMC     C430 -C768   C97
                                   | LMC     C810 -C969   C97
            --- C388  ---          |
                                   |       --- C403  ---
LMC         C000 -C269   C97       |
LMC         C300 -C384   C399      | LMC     C000 -C399   C97
LMC         C390 -C398   C399      | LMC     C400 -C402   C409
LMC         C400 -C768   C97       | LMC     C408         C409
LMC         C810 -C969   C97       | LMC     C410 -C418   C419
                                   | LMC     C430 -C768   C97
            --- C390  ---          | LMC     C810 -C969   C97

LMC         C000 -C269   C97       |       --- C408  ---
SMP         C300 -C33              |
LMC         C300 -C388   C399      | LMC     C000 -C399   C97
LMC         C398         C399      | LMC     C400 -C403   C409
LMC         C400 -C768   C97       | LMC     C410 -C418   C419
LMC         C810 -C969   C97       | LMC     C430 -C768   C97
                                   | LMC     C810 -C969   C97
            --- C398  ---          |
                                   |       --- C409  ---
LMC         C000 -C269   C97       |
LMC         C300 -C390   C399      | LMC     C000 -C399   C97
LMC         C400 -C768   C97       | SMP     C400 -C408
LMC         C810 -C969   C97       | LMC     C410 -C418   C419
                                   | LMC     C430 -C768   C97
                                   | LMC     C810 -C969   C97

                                   |
```

```
        --- C410  ---            |          --- C430  ---
                                 |             CONTINUED
LMC      C000 -C399    C97       | LMC      C431 -C438    C439
LMC      C401 -C408    C419      | LMC      C449 -C768    C97
LMC      C411 -C418    C419      | LMC      C810 -C969    C97
LMC      C430 -C768    C97       |
LMC      C810 -C969    C97       |          --- C431  ---
                                 |
        --- C411  ---            | LMC      C000 -C419    C97
                                 | LMC      C430          C439
LMC      C000 -C399    C97       | LMC      C432 -C438    C439
LMC      C401 -C408    C419      | LMC      C449 -C768    C97
LMC      C410          C419      | LMC      C810 -C969    C97
LMC      C412 -C418    C419      |
LMC      C430 -C768    C97       |          --- C432  ---
LMC      C810 -C969    C97       |
                                 | LMC      C000 -C419    C97
        --- C412  ---            | LMC      C430 -C431    C439
                                 | LMC      C433 -C438    C439
LMC      C000 -C399    C97       | LMC      C449 -C768    C97
LMC      C401 -C411    C419      | LMC      C810 -C969    C97
LMC      C413 -C418    C419      |
LMC      C430 -C768    C97       |          --- C433  ---
LMC      C810 -C969    C97       |
                                 | LMC      C000 -C419    C97
        --- C413  ---            | SMP      C430 -C432
                                 | LMC      C430 -C432    C439
LMC      C000 -C399    C97       | LMC      C434 -C438    C439
LMC      C401 -C412    C419      | LMC      C449 -C768    C97
LMC      C414 -C418    C419      | LMC      C810 -C969    C97
LMC      C430 -C768    C97       |
LMC      C810 -C969    C97       |          --- C434  ---
                                 |
        --- C414  ---            | LMC      C000 -C419    C97
                                 | LMC      C430 -C433    C439
LMC      C000 -C399    C97       | LMC      C435 -C438    C439
LMC      C401 -C413    C419      | LMC      C449 -C768    C97
LMC      C418          C419      | LMC      C810 -C969    C97
LMC      C430 -C768    C97       |
LMC      C810 -C969    C97       |          --- C435  ---
                                 |
        --- C418  ---            | LMC      C000 -C419    C97
                                 | LMC      C430 -C434    C439
LMC      C000 -C399    C97       | LMC      C436 -C438    C439
LMC      C401 -C414    C419      | LMC      C449 -C768    C97
LMC      C430 -C768    C97       | LMC      C810 -C969    C97
LMC      C810 -C969    C97       |
                                 |          --- C436  ---
        --- C419  ---            |
                                 | LMC      C000 -C419    C97
LMC      C000 -C399    C97       | LMC      C430 -C435    C439
SMP      C400 -C418             | LMC      C437 -C438    C439
LMC      C430 -C768    C97       | LMC      C449 -C768    C97
LMC      C810 -C969    C97       | LMC      C810 -C969    C97
                                 |
        --- C430  ---            |          --- C437  ---
                                 |
LMC      C000 -C419    C97       | LMC      C000 -C419    C97
```

```
            --- C437 ---              |          --- C444  ---
              CONTINUED               |
LMC           C430 -C436   C439       | LMC         C000 -C439   C97
LMC           C438         C439       | LMC         C440 -C443   C449
LMC           C449 -C768   C97        | LMC         C445 -C448   C449
LMC           C810 -C969   C97        | LMC         C450 -C768   C97
                                      | LMC         C810 -C969   C97
            --- C438 ---              |
                                      |          --- C445  ---
LMC           C000 -C419   C97        |
LMC           C430 -C437   C439       | LMC         C000 -C439   C97
LMC           C449 -C768   C97        | LMC         C440 -C444   C449
LMC           C810 -C969   C97        | LMC         C446 -C448   C449
                                      | LMC         C450 -C768   C97
            --- C439 ---              | LMC         C810 -C969   C97
                                      |
SMP     M   C000 -C399                |          --- C446  ---
LMC         C000 -C419   C97          |
SMP         C430 -C438                | LMC         C000 -C439   C97
LMC         C449 -C768   C97          | LMC         C440 -C445   C449
SMP         C450 -C469                | LMC         C447 -C448   C449
SMP     M   C470 -C488                | LMC         C450 -C768   C97
SMP         C490 -C499                | LMC         C810 -C969   C97
SMP     M   C500 -C759                |
LMC         C810 -C969   C97          |          --- C447  ---
                                      |
            --- C440 ---              | LMC         C000 -C439   C97
                                      | LMC         C440 -C446   C449
LMC           C000 -C439   C97        | LMC         C448         C449
LMC           C441 -C448   C449       | LMC         C450 -C768   C97
LMC           C450 -C768   C97        | LMC         C810 -C969   C97
LMC           C810 -C969   C97        |
                                      |          --- C448  ---
            --- C441 ---              |
                                      | LMC         C000 -C439   C97
LMC           C000 -C439   C97        | LMC         C440 -C447   C449
LMC           C440         C449       | LMC         C450 -C768   C97
LMC           C442 -C448   C449       | LMC         C810 -C969   C97
LMC           C450 -C768   C97        |
LMC           C810 -C969   C97        |          --- C449  ---
                                      |
            --- C442 ---              | SMP     M   C000 -C399
                                      | LMC         C000 -C439   C97
LMC           C000 -C439   C97        | SMP         C440 -C448
LMC           C440 -C441   C449       | LMC         C450 -C768   C97
LMC           C443 -C448   C449       | SMP     M   C470 -C488
LMC           C450 -C768   C97        | SMP     M   C500 -C759
LMC           C810 -C969   C97        | LMC         C810 -C969   C97
                                      |
            --- C443 ---              |          --- C450  ---
                                      |
LMC           C000 -C439   C97        | LMC         C000 -C449   C97
SMP           C440 -C442              | LMC         C451 -C457   C459
LMC           C440 -C442   C449       | LMC         C460 -C768   C97
LMC           C444 -C448   C449       | LMC         C810 -C969   C97
LMC           C450 -C768   C97        |
LMC           C810 -C969   C97        |
                                      |
```

```
        --- C451  ---              |          --- C463  ---
                                   |
LMC       C000 -C449    C97        | DSC        B24           B210
LMC       C450          C459       | LMC        C000 -C459    C97
LMC       C452 -C457    C459       | LMC      # C460 -C462    C468
LMC       C460 -C768    C97        | LMC      # C467          C468
LMC       C810 -C969    C97        | LMC        C479 -C768    C97
                                   | LMC        C810 -C969    C97
        --- C452  ---              | DSC        R75           B210
                                   |
LMC       C000 -C449    C97        |          --- C467  ---
LMC       C450 -C451    C459       |
LMC       C457          C459       | DSC        B24           B210
LMC       C460 -C768    C97        | LMC        C000 -C459    C97
LMC       C810 -C969    C97        | LMC      # C460 -C463    C468
                                   | LMC        C479 -C768    C97
        --- C457  ---              | LMC        C810 -C969    C97
                                   | DSC        R75           B210
LMC       C000 -C449    C97        |
LMC       C450 -C452    C459       |          --- C468  ---
LMC       C460 -C768    C97        |
LMC       C810 -C969    C97        | DSC        B24           B210
                                   | LMC        C000 -C459    C97
        --- C459  ---              | LMC        C479 -C768    C97
                                   | LMC        C810 -C969    C97
LMC       C000 -C449    C97        | DSC        R75           B210
SMP       C450 -C457               |
LMC       C460 -C768    C97        |          --- C469  ---
LMC       C810 -C969    C97        |
                                   | DSC        B24           B210
        --- C460  ---              | LMC        C000 -C459    C97
                                   | SMP        C460 -C468
DSC       B24           B210       | LMC        C479 -C768    C97
LMC       C000 -C459    C97        | LMC        C810 -C969    C97
LMC     # C461 -C467    C468       | DSC        R75           B210
LMC       C479 -C768    C97        |
LMC       C810 -C969    C97        |          --- C470  ---
DSC       R75           B210       |
                                   | LMC        C000 -C469    C97
        --- C461  ---              | LMC        C471 -C478    C479
                                   | LMC        C480 -C768    C97
DSC       B24           B210       | LMC        C810 -C969    C97
LMC       C000 -C459    C97        |
LMC     # C460          C468       |          --- C471  ---
LMC     # C462 -C467    C468       |
LMC       C479 -C768    C97        | LMC        C000 -C469    C97
LMC       C810 -C969    C97        | LMC        C470          C479
DSC       R75           B210       | LMC        C472 -C478    C479
                                   | LMC        C480 -C768    C97
        --- C462  ---              | LMC        C810 -C969    C97
                                   |
DSC       B24           B210       |          --- C472  ---
LMC       C000 -C459    C97        |
LMC     # C460 -C461    C468       | LMC        C000 -C469    C97
LMC     # C463 -C467    C468       | LMC        C470 -C471    C479
LMC       C479 -C768    C97        | LMC        C473 -C478    C479
LMC       C810 -C969    C97        | LMC        C480 -C768    C97
DSC       R75           B210       | LMC        C810 -C969    C97
```

```
          --- C473  ---              |           --- C481  ---
                                     |              CONTINUED
LMC        C000 -C469   C97          | LMC        C810 -C969   C97
LMC        C470 -C472   C479         |
LMC        C474 -C478   C479         |           --- C482  ---
LMC        C480 -C768   C97          |
LMC        C810 -C969   C97          | LMC        C000 -C479   C97
                                     | SMP        C480 -C481
          --- C474  ---              | LMC        C490 -C768   C97
                                     | LMC        C810 -C969   C97
LMC        C000 -C469   C97          |
LMC        C470 -C473   C479         |           --- C488  ---
LMC        C475 -C478   C479         |
LMC        C480 -C768   C97          | LMC        C000 -C479   C97
LMC        C810 -C969   C97          | LMC        C490 -C768   C97
                                     | LMC        C810 -C969   C97
          --- C475  ---              |
                                     |           --- C490  ---
LMC        C000 -C469   C97          |
LMC        C470 -C474   C479         | LMC        C000 -C488   C97
LMC        C476 -C478   C479         | LMC        C491 -C498   C499
LMC        C480 -C768   C97          | LMC        C500 -C768   C97
LMC        C810 -C969   C97          | LMC        C810 -C969   C97
                                     |
          --- C476  ---              |           --- C491  ---
                                     |
LMC        C000 -C469   C97          | LMC        C000 -C488   C97
LMC        C470 -C475   C479         | LMC        C490         C499
LMC        C478         C479         | LMC        C492 -C498   C499
LMC        C480 -C768   C97          | LMC        C500 -C768   C97
LMC        C810 -C969   C97          | LMC        C810 -C969   C97
                                     |
          --- C478  ---              |           --- C492  ---
                                     |
LMC        C000 -C469   C97          | LMC        C000 -C488   C97
LMC        C470 -C476   C479         | LMC        C490 -C491   C499
LMC        C480 -C768   C97          | LMC        C493 -C498   C499
LMC        C810 -C969   C97          | LMC        C500 -C768   C97
                                     | LMC        C810 -C969   C97
          --- C479  ---              |
                                     |           --- C493  ---
LMC        C000 -C469   C97          |
SMP        C470 -C478               | LMC        C000 -C488   C97
LMC        C480 -C768   C97          | LMC        C490 -C492   C499
LMC        C810 -C969   C97          | LMC        C494 -C498   C499
                                     | LMC        C500 -C768   C97
          --- C480  ---              | LMC        C810 -C969   C97
                                     |
LMC        C000 -C479   C97          |           --- C494  ---
LMC        C481         C482         |
LMC        C490 -C768   C97          | LMC        C000 -C488   C97
LMC        C810 -C969   C97          | LMC        C490 -C493   C499
                                     | LMC        C495 -C498   C499
          --- C481  ---              | LMC        C500 -C768   C97
                                     | LMC        C810 -C969   C97
LMC        C000 -C479   C97          |
LMC        C480         C482         |
LMC        C490 -C768   C97          |
```

```
        --- C495  ---            |        --- C503  ---
                                 |
LMC        C000 -C488    C97     | LMC      C000 -C499    C97
LMC        C490 -C494    C499    | LMC      C500 -C502    C509
LMC        C496 -C498    C499    | LMC      C504 -C508    C509
LMC        C500 -C768    C97     | LMC      C510 -C768    C97
LMC        C810 -C969    C97     | LMC      C810 -C969    C97
                                 |
        --- C496  ---            |        --- C504  ---
                                 |
LMC        C000 -C488    C97     | LMC      C000 -C499    C97
LMC        C490 -C495    C499    | LMC      C500 -C503    C509
LMC        C498          C499    | LMC      C505 -C508    C509
LMC        C500 -C768    C97     | LMC      C510 -C768    C97
LMC        C810 -C969    C97     | LMC      C810 -C969    C97
                                 |
        --- C498  ---            |        --- C505  ---
                                 |
LMC        C000 -C488    C97     | LMC      C000 -C499    C97
LMC        C490 -C496    C499    | LMC      C500 -C504    C509
LMC        C500 -C768    C97     | LMC      C506 -C508    C509
LMC        C810 -C969    C97     | LMC      C510 -C768    C97
                                 | LMC      C810 -C969    C97
        --- C499  ---            |
                                 |        --- C506  ---
SMP     M  C000 -C399            |
LMC        C000 -C488    C97     | LMC      C000 -C499    C97
SMP     M  C470 -C488            | LMC      C500 -C505    C509
SMP        C490 -C498            | LMC      C508          C509
SMP     M  C500 -C759            | LMC      C510 -C768    C97
LMC        C500 -C768    C97     | LMC      C810 -C969    C97
LMC        C810 -C969    C97     |
                                 |        --- C508  ---
        --- C500  ---            |
                                 | LMC      C000 -C499    C97
LMC        C000 -C499    C97     | LMC      C500 -C506    C509
LMC        C501 -C508    C509    | LMC      C510 -C768    C97
LMC        C510 -C768    C97     | LMC      C810 -C969    C97
LMC        C810 -C969    C97     |
                                 |        --- C509  ---
        --- C501  ---            |
                                 | LMC      C000 -C499    C97
LMC        C000 -C499    C97     | SMP      C500 -C508
LMC        C500          C509    | LMC      C510 -C768    C97
LMC        C502 -C508    C509    | LMC      C810 -C969    C97
LMC        C510 -C768    C97     |
LMC        C810 -C969    C97     |        --- C510  ---
                                 |
        --- C502  ---            | LMC      C000 -C509    C97
                                 | LMC      C511 -C518    C519
LMC        C000 -C499    C97     | LMC      C52  -C578    C579
LMC        C500 -C501    C509    | LMC      C58           C97
LMC        C503 -C508    C509    | LMC      C64  -C768    C97
LMC        C510 -C768    C97     | LMC      C810 -C969    C97
LMC        C810 -C969    C97     |
                                 |        --- C511  ---
                                 |
                                 | LMC      C000 -C509    C97
```

```
        --- C511  ---          |        --- C531  ---
          CONTINUED            |
LMC       C510         C519     | LMC      C000 -C509    C97
LMC       C512 -C518   C519     | LMC      C510 -C52     C579
LMC       C52  -C578   C579     | LMC      C530          C539
LMC       C58          C97      | LMC      C538          C539
LMC       C64  -C768   C97      | LMC      C540 -C549    C579
LMC       C810 -C969   C97      | LMC      C56  -C578    C579
                                | LMC      C58           C97
        --- C512  ---           | LMC      C64  -C768    C97
                                | LMC      C810 -C969    C97
LMC       C000 -C509   C97      |
LMC       C510 -C511   C519     |        --- C538  ---
LMC       C518         C519     |
LMC       C52  -C578   C579     | LMC      C000 -C509    C97
LMC       C58          C97      | LMC      C510 -C52     C579
LMC       C64  -C768   C97      | LMC      C530 -C531    C539
LMC       C810 -C969   C97      | LMC      C540 -C549    C579
                                | LMC      C56  -C578    C579
        --- C518  ---           | LMC      C58           C97
                                | LMC      C64  -C768    C97
LMC       C000 -C509   C97      | LMC      C810 -C969    C97
LMC       C510 -C512   C519     |
LMC       C52  -C578   C579     |        --- C539  ---
LMC       C58          C97      |
LMC       C64  -C768   C97      | LMC      C000 -C509    C97
LMC       C810 -C969   C97      | LMC      C510 -C52     C579
                                | SMP      C530 -C538
        --- C519  ---           | LMC      C540 -C549    C579
                                | LMC      C56  -C578    C579
LMC       C000 -C509   C97      | LMC      C58           C97
SMP       C510 -C518           | LMC      C64  -C768    C97
LMC       C52  -C578   C579     | LMC      C810 -C969    C97
LMC       C58          C97      |
LMC       C64  -C768   C97      |        --- C540  ---
LMC       C810 -C969   C97      |
                                | LMC      C000 -C509    C97
        --- C52   ---           | LMC      C510 -C539    C579
                                | LMC      C541 -C548    C549
LMC       C000 -C509   C97      | LMC      C56  -C578    C579
LMC       C510 -C519   C579     | LMC      C58           C97
LMC       C530 -C578   C579     | LMC      C64  -C768    C97
LMC       C58          C97      | LMC      C810 -C969    C97
LMC       C64  -C768   C97      |
LMC       C810 -C969   C97      |        --- C541  ---
                                |
        --- C530  ---           | LMC      C000 -C509    C97
                                | LMC      C510 -C539    C579
LMC       C000 -C509   C97      | LMC      C540          C549
LMC       C510 -C52    C579     | LMC      C542 -C548    C549
LMC       C531 -C538   C539     | LMC      C56  -C578    C579
LMC       C540 -C549   C579     | LMC      C58           C97
LMC       C56  -C578   C579     | LMC      C64  -C768    C97
LMC       C58          C97      | LMC      C810 -C969    C97
LMC       C64  -C768   C97      |
LMC       C810 -C969   C97      |        --- C542  ---
                                |
                                | LMC      C000 -C509    C97
```

```
              --- C542  ---          |        --- C56   ---
              CONTINUED              |        CONTINUED
LMC           C510 -C539   C579      | LMC    C810 -C969   C97
LMC           C540 -C541   C549      |
LMC           C543 -C548   C549      |        --- C570  ---
LMC           C56  -C578   C579      |
LMC           C58         C97        | LMC    C000 -C509   C97
LMC           C64  -C768   C97       | LMC    C510 -C56    C579
LMC           C810 -C969   C97       | LMC    C571 -C573   C579
                                     | LMC    C577 -C578   C579
              --- C543  ---          | LMC    C58         C97
                                     | LMC    C64  -C768   C97
LMC           C000 -C509   C97       | LMC    C810 -C969   C97
LMC           C510 -C539   C579      |
LMC           C540 -C542   C549      |        --- C571  ---
LMC           C548         C549      |
LMC           C56  -C578   C579      | LMC    C000 -C509   C97
LMC           C58         C97        | LMC    C510 -C570   C579
LMC           C64  -C768   C97       | LMC    C572 -C573   C579
LMC           C810 -C969   C97       | LMC    C577 -C578   C579
                                     | LMC    C58         C97
              --- C548  ---          | LMC    C64  -C768   C97
                                     | LMC    C810 -C969   C97
LMC           C000 -C509   C97       |
LMC           C510 -C539   C579      |        --- C572  ---
LMC           C540 -C543   C549      |
LMC           C56  -C578   C579      | LMC    C000 -C509   C97
LMC           C58         C97        | LMC    C510 -C571   C579
LMC           C64  -C768   C97       | LMC    C573         C579
LMC           C810 -C969   C97       | LMC    C577 -C578   C579
                                     | LMC    C58         C97
              --- C549  ---          | LMC    C64  -C768   C97
                                     | LMC    C810 -C969   C97
LMC           C000 -C509   C97       |
LMC           C510 -C539   C579      |        --- C573  ---
SMP           C540 -C548             |
LMC           C56  -C578   C579      | LMC    C000 -C509   C97
LMC           C58         C97        | LMC    C510 -C572   C579
LMC           C64  -C768   C97       | LMC    C577 -C578   C579
LMC           C810 -C969   C97       | LMC    C58         C97
                                     | LMC    C64  -C768   C97
              --- C55   ---          | LMC    C810 -C969   C97
                                     |
LMC           C000 -C509   C97       |        --- C574  ---
LMC           C510 -C52    C579      |
SMP           C530 -C549             | LMC    C000 -C509   C97
LMC           C56  -C578   C579      | LMC    C510 -C55    C579
LMC           C58         C97        | SMP    C56  -C573
LMC           C64  -C768   C97       | LMC    C577 -C578   C579
LMC           C810 -C969   C97       | LMC    C58         C97
                                     | LMC    C64  -C768   C97
              --- C56   ---          | LMC    C810 -C969   C97
                                     |
LMC           C000 -C509   C97       |        --- C577  ---
LMC           C510 -C55    C579      |
LMC           C570 -C578   C579      | LMC    C000 -C509   C97
LMC           C58         C97        | LMC    C510 -C574   C579
LMC           C64  -C768   C97       | LMC    C578         C579
```

```
            --- C577  ---          |          --- C608  ---
               CONTINUED           |
LMC         C58          C97       | LMC       C000 -C509    C97
LMC         C64  -C768   C97       | LMC       C600 -C602    C609
LMC         C810 -C969   C97       | LMC       C61  -C638    C639
                                   | LMC       C64  -C768    C97
            --- C578  ---          | LMC       C810 -C969    C97
                                   |
LMC         C000 -C509   C97       |          --- C609  ---
LMC         C510 -C577   C579      |
LMC         C58          C97       | LMC       C000 -C509    C97
LMC         C64  -C768   C97       | SMP       C600 -C608
LMC         C810 -C969   C97       | LMC       C61  -C638    C639
                                   | LMC       C64  -C768    C97
            --- C579  ---          | LMC       C810 -C969    C97
                                   |
LMC         C000 -C509   C97       |          --- C61   ---
SMP         C510 -C578             |
LMC         C58          C97       | LMC       C000 -C509    C97
LMC     M   C64  -C689   C97       | LMC       C600 -C609    C639
SMP     M   C64  -C689             | LMC       C620 -C638    C639
LMC         C690 -C768   C97       | LMC       C64  -C768    C97
LMC         C810 -C969   C97       | LMC       C810 -C969    C97
                                   |
            --- C58   ---          |        --- C620 -C621  ---
                                   |
LMC         C000 -C579   C97       | LMC       C000 -C509    C97
LMC         C64  -C768   C97       | LMC       C600 -C61     C639
LMC         C810 -C969   C97       | LMC       C630 -C638    C639
                                   | LMC       C64  -C768    C97
            --- C600  ---          | LMC       C810 -C969    C97
                                   |
LMC         C000 -C509   C97       |          --- C629  ---
LMC         C601 -C608   C609      |
LMC         C61  -C638   C639      | LMC       C000 -C509    C97
LMC         C64  -C768   C97       | LMC       C600 -C61     C639
LMC         C810 -C969   C97       | SMP       C620 -C621
                                   | LMC       C630 -C638    C639
            --- C601  ---          | LMC       C64  -C768    C97
                                   | LMC       C810 -C969    C97
LMC         C000 -C509   C97       |
LMC         C600         C609      |          --- C630  ---
LMC         C602 -C608   C609      |
LMC         C61  -C638   C639      | LMC       C000 -C509    C97
LMC         C64  -C768   C97       | LMC       C600 -C629    C639
LMC         C810 -C969   C97       | LMC       C631 -C638    C639
                                   | LMC       C64  -C768    C97
            --- C602  ---          | LMC       C810 -C969    C97
                                   |
LMC         C000 -C509   C97       |          --- C631  ---
LMC         C600 -C601   C609      |
LMC         C608         C609      | LMC       C000 -C509    C97
LMC         C61  -C638   C639      | LMC       C600 -C630    C639
LMC         C64  -C768   C97       | LMC       C632 -C638    C639
LMC         C810 -C969   C97       | LMC       C64  -C768    C97
                                   | LMC       C810 -C969    C97
```

```
        --- C632  ---              |          --- C670  ---
                                   |             CONTINUED
LMC         C000 -C509   C97       | LMC        C671 -C678   C679
LMC         C600 -C631   C639      | LMC        C680 -C688   C689
LMC         C637 -C638   C639      | LMC        C690 -C768   C97
LMC         C64  -C768   C97       | LMC        C810 -C969   C97
LMC         C810 -C969   C97       |
                                   |          --- C671  ---
        --- C637  ---              |
                                   | LMC        C000 -C638   C97
LMC         C000 -C509   C97       | LMC        C64  -C66    C689
LMC         C600 -C632   C639      | LMC        C670         C679
LMC         C638         C639      | LMC        C672 -C678   C679
LMC         C64  -C768   C97       | LMC        C680 -C688   C689
LMC         C810 -C969   C97       | LMC        C690 -C768   C97
                                   | LMC        C810 -C969   C97
        --- C638  ---              |
                                   |          --- C672  ---
LMC         C000 -C509   C97       |
LMC         C600 -C637   C639      | LMC        C000 -C638   C97
LMC         C64  -C768   C97       | LMC        C64  -C66    C689
LMC         C810 -C969   C97       | LMC        C670 -C671   C679
                                   | LMC        C673 -C678   C679
        --- C639  ---              | LMC        C680 -C688   C689
                                   | LMC        C690 -C768   C97
LMC         C000 -C509   C97       | LMC        C810 -C969   C97
SMP         C600 -C638             |
LMC       M C64  -C689   C97       |          --- C673  ---
LMC         C690 -C768   C97       |
LMC         C810 -C969   C97       | LMC        C000 -C638   C97
                                   | LMC        C64  -C66    C689
        --- C64   ---              | LMC        C670 -C672   C679
                                   | LMC        C674 -C678   C679
LMC         C000 -C638   C97       | LMC        C680 -C688   C689
LMC         C65  -C688   C689      | LMC        C690 -C768   C97
LMC         C690 -C768   C97       | LMC        C810 -C969   C97
LMC         C810 -C969   C97       |
                                   |          --- C674  ---
        --- C65   ---              |
                                   | LMC        C000 -C638   C97
LMC         C000 -C638   C97       | LMC        C64  -C66    C689
LMC       # C64         C689       | LMC        C670 -C673   C679
LMC       # C66  -C688   C689      | LMC        C675 -C678   C679
LMC         C690 -C768   C97       | LMC        C680 -C688   C689
LMC         C810 -C969   C97       | LMC        C690 -C768   C97
                                   | LMC        C810 -C969   C97
        --- C66   ---              |
                                   |          --- C675  ---
LMC         C000 -C638   C97       |
LMC         C64  -C65    C689      | LMC        C000 -C638   C97
LMC         C670 -C688   C689      | LMC        C64  -C66    C689
LMC         C690 -C768   C97       | LMC        C670 -C674   C679
LMC         C810 -C969   C97       | LMC        C676 -C678   C679
                                   | LMC        C680 -C688   C689
        --- C670  ---              | LMC        C690 -C768   C97
                                   | LMC        C810 -C969   C97
LMC         C000 -C638   C97       |
LMC         C64  -C66    C689      |
```

```
          --- C676  ---           |          --- C688  ---
                                  |              CONTINUED
LMC       C000 -C638    C97       | LMC       C680 -C681    C689
LMC       C64  -C66     C689      | LMC       C690 -C768    C97
LMC       C670 -C675    C679      | LMC       C810 -C969    C97
LMC       C677 -C678    C679      |
LMC       C680 -C688    C689      |          --- C689  ---
LMC       C690 -C768    C97       |
LMC       C810 -C969    C97       | LMC       C000 -C638    C97
                                  | SMP     M C64  -C688
          --- C677  ---           | LMC       C690 -C768    C97
                                  | LMC       C810 -C969    C97
LMC       C000 -C638    C97       |
LMC       C64  -C66     C689      |          --- C690  ---
LMC       C670 -C676    C679      |
LMC       C678          C679      | LMC       C000 -C689    C97
LMC       C680 -C688    C689      | LMC       C691 -C698    C699
LMC       C690 -C768    C97       | LMC       C700 -C768    C97
LMC       C810 -C969    C97       | LMC       C810 -C969    C97
                                  |
          --- C678  ---           |          --- C691  ---
                                  |
LMC       C000 -C638    C97       | LMC       C000 -C689    C97
LMC       C64  -C66     C689      | LMC       C690          C699
LMC       C670 -C677    C679      | LMC       C692 -C698    C699
LMC       C680 -C688    C689      | LMC       C700 -C768    C97
LMC       C690 -C768    C97       | LMC       C810 -C969    C97
LMC       C810 -C969    C97       |
                                  |          --- C692  ---
          --- C679  ---           |
                                  | LMC       C000 -C689    C97
LMC       C000 -C638    C97       | LMC       C690 -C691    C699
LMC       C64  -C66     C689      | LMC       C693 -C698    C699
SMP       C670 -C678             | LMC       C700 -C768    C97
LMC       C680 -C688    C689      | LMC       C810 -C969    C97
LMC       C690 -C768    C97       |
LMC       C810 -C969    C97       |          --- C693  ---
                                  |
          --- C680  ---           | LMC       C000 -C689    C97
                                  | LMC       C690 -C692    C699
LMC       C000 -C638    C97       | LMC       C694 -C698    C699
LMC       C64  -C678    C689      | LMC       C700 -C768    C97
LMC       C681 -C688    C689      | LMC       C810 -C969    C97
LMC       C690 -C768    C97       |
LMC       C810 -C969    C97       |          --- C694  ---
                                  |
          --- C681  ---           | LMC       C000 -C689    C97
                                  | LMC       C690 -C693    C699
LMC       C000 -C638    C97       | LMC       C695 -C698    C699
LMC       C64  -C680    C689      | LMC       C700 -C768    C97
LMC       C688          C689      | LMC       C810 -C969    C97
LMC       C690 -C768    C97       |
LMC       C810 -C969    C97       |          --- C695  ---
                                  |
          --- C688  ---           | LMC       C000 -C689    C97
                                  | LMC       C690 -C694    C699
LMC       C000 -C638    C97       | LMC       C696 -C698    C699
LMC       C64  -C678    C689      | LMC       C700 -C768    C97
```

```
        --- C695  ---        |          --- C711   ---
          CONTINUED          |
LMC       C810 -C969   C97   | LMC      C000 -C699    C97
                             | LMC      C700 -C709    C729
        --- C696  ---        | LMC      C710          C719
                             | LMC      C712 -C718    C719
LMC       C000 -C689   C97   | LMC      C720 -C728    C729
LMC       C690 -C695   C699  | LMC      C73  -C768    C97
LMC       C698         C699  | LMC      C810 -C969    C97
LMC       C700 -C768   C97   |
LMC       C810 -C969   C97   |          --- C712   ---
                             |
        --- C698  ---        | LMC      C000 -C699    C97
                             | LMC      C700 -C709    C729
LMC       C000 -C689   C97   | LMC      C710 -C711    C719
LMC       C690 -C696   C699  | LMC      C713 -C718    C719
LMC       C700 -C768   C97   | LMC      C720 -C728    C729
LMC       C810 -C969   C97   | LMC      C73  -C768    C97
                             | LMC      C810 -C969    C97
        --- C699  ---        |
                             |          --- C713   ---
LMC       C000 -C689   C97   |
SMP       C690 -C698         | LMC      C000 -C699    C97
LMC       C73  -C768   C97   | LMC      C700 -C709    C729
LMC       C810 -C969   C97   | LMC      C710 -C712    C719
                             | LMC      C714 -C718    C719
        --- C700  ---        | LMC      C720 -C728    C729
                             | LMC      C73  -C768    C97
LMC       C000 -C699   C97   | LMC      C810 -C969    C97
LMC       C701         C709  |
LMC       C710 -C728   C729  |          --- C714   ---
LMC       C73  -C768   C97   |
LMC       C810 -C969   C97   | LMC      C000 -C699    C97
                             | LMC      C700 -C709    C729
        --- C701  ---        | LMC      C710 -C713    C719
                             | LMC      C715 -C718    C719
LMC       C000 -C699   C97   | LMC      C720 -C728    C729
LMC       C700         C709  | LMC      C73  -C768    C97
LMC       C710 -C728   C729  | LMC      C810 -C969    C97
LMC       C73  -C768   C97   |
LMC       C810 -C969   C97   |          --- C715   ---
                             |
        --- C709  ---        | LMC      C000 -C699    C97
                             | LMC      C700 -C709    C729
LMC       C000 -C699   C97   | LMC      C710 -C714    C719
SMP       C700 -C701         | LMC      C716 -C718    C719
LMC       C710 -C728   C729  | LMC      C720 -C728    C729
LMC       C73  -C768   C97   | LMC      C73  -C768    C97
LMC       C810 -C969   C97   | LMC      C810 -C969    C97
                             |
        --- C710  ---        |          --- C716   ---
                             |
LMC       C000 -C699   C97   | LMC      C000 -C699    C97
LMC       C700 -C709   C729  | LMC      C700 -C709    C729
LMC       C711 -C718   C719  | LMC      C710 -C715    C719
LMC       C720 -C728   C729  | LMC      C717 -C718    C719
LMC       C73  -C768   C97   | LMC      C720 -C728    C729
LMC       C810 -C969   C97   | LMC      C73  -C768    C97
```

```
        --- C716  ---            |        --- C723  ---
         CONTINUED               |
LMC      C810 -C969    C97       | LMC      C000 -C699    C97
                                 | LMC      C700 -C720    C729
        --- C717  ---            | LMC      C721 -C722    C725
                                 | LMC      C724          C725
LMC      C000 -C699    C97       | LMC      C728          C729
LMC      C700 -C709    C729      | LMC      C73  -C768    C97
LMC      C710 -C716    C719      | LMC      C810 -C969    C97
LMC      C718          C719      |
LMC      C720 -C728    C729      |        --- C724  ---
LMC      C73  -C768    C97       |
LMC      C810 -C969    C97       | LMC      C000 -C699    C97
                                 | LMC      C700 -C720    C729
        --- C718  ---            | LMC      C721 -C723    C725
                                 | LMC      C728          C729
LMC      C000 -C699    C97       | LMC      C73  -C768    C97
LMC      C700 -C709    C729      | LMC      C810 -C969    C97
LMC      C710 -C717    C719      |
LMC      C720 -C728    C729      |        --- C725  ---
LMC      C73  -C768    C97       |
LMC      C810 -C969    C97       | LMC      C000 -C699    C97
                                 | LMC      C700 -C720    C729
        --- C719  ---            | SMP      C721 -C724
                                 | LMC      C728          C729
LMC      C000 -C699    C97       | LMC      C73  -C768    C97
LMC      C700 -C709    C729      | LMC      C810 -C969    C97
SMP      C710 -C718              |
LMC      C720 -C728    C729      |        --- C728  ---
LMC      C73  -C768    C97       |
LMC      C810 -C969    C97       | LMC      C000 -C699    C97
                                 | LMC      C700 -C725    C729
        --- C720  ---            | LMC      C73  -C768    C97
                                 | LMC      C810 -C969    C97
LMC      C000 -C699    C97       |
LMC      C700 -C719    C729      |        --- C729  ---
LMC      C721 -C728    C729      |
LMC      C73  -C768    C97       | LMC      C000 -C699    C97
LMC      C810 -C969    C97       | SMP      C700 -C728
                                 | LMC      C73  -C768    C97
        --- C721  ---            | LMC      C810 -C969    C97
                                 |
LMC      C000 -C699    C97       |        --- C73   ---
LMC      C700 -C720    C729      |
LMC      C722 -C724    C725      | LMC      C000 -C729    C97
LMC      C728          C729      | LMC      C740 -C755    C759
LMC      C73  -C768    C97       | LMC      C760 -C768    C97
LMC      C810 -C969    C97       | LMC      C810 -C969    C97
                                 |
        --- C722  ---            |        --- C740  ---
                                 |
LMC      C000 -C699    C97       | LMC      C000 -C729    C97
LMC      C700 -C720    C729      | LMC      C73           C759
LMC      C721          C725      | LMC      C741          C749
LMC      C723 -C724    C725      | LMC      C750 -C755    C759
LMC      C728          C729      | LMC      C760 -C768    C97
LMC      C73  -C768    C97       | LMC      C810 -C969    C97
LMC      C810 -C969    C97       |
```

```
          --- C741  ---              |          --- C755  ---
                                     |
LMC          C000 -C729    C97       | LMC          C000 -C729    C97
LMC          C73          C759       | LMC          C73  -C754    C759
LMC          C740         C749       | LMC          C760 -C768    C97
LMC          C750 -C755   C759       | LMC          C810 -C969    C97
LMC          C760 -C768   C97        |
LMC          C810 -C969   C97        |          --- C758  ---
                                     |
          --- C749  ---              | LMC          C000 -C729    C97
                                     | LMC          C760 -C768    C97
LMC          C000 -C729    C97       | LMC          C810 -C969    C97
LMC          C73          C759       |
SMP          C740 -C741              |          --- C759  ---
LMC          C750 -C755   C759       |
LMC          C760 -C768   C759       | LMC          C000 -C729    C97
LMC          C810 -C969   C97        | SMP          C73  -C758
                                     | LMC          C760 -C768    C97
          --- C750  ---              | LMC          C810 -C969    C97
                                     |
LMC          C000 -C729    C97       |      --- C760 -C768   ---
LMC          C73  -C749   C759       |
LMC          C751 -C755   C759       | LMC          C000 -C759    C97
LMC          C760 -C768   C97        | LMC          C810 -C969    C97
LMC          C810 -C969   C97        |
                                     |          --- C770  ---
          --- C751  ---              |
                                     | LMP        # C000 -C768
LMC          C000 -C729    C97       | LMC        # C771 -C775    C778
LMC          C73  -C750   C759       | LMC        # C780 -C798    C80
LMC          C752 -C755   C759       | LMP        # C810 -C969
LMC          C760 -C768   C97        |
LMC          C810 -C969   C97        |          --- C771  ---
                                     |
          --- C752  ---              | LMP        # C000 -C768
                                     | LMC        # C770          C778
LMC          C000 -C729    C97       | LMC        # C772 -C775    C778
LMC          C73  -C751   C759       | LMC        # C780 -C798    C80
LMC          C753 -C755   C759       | LMP        # C810 -C969
LMC          C760 -C768   C97        |
LMC          C810 -C969   C97        |          --- C772  ---
                                     |
          --- C753  ---              | LMP        # C000 -C768
                                     | LMC        # C770 -C771    C778
LMC          C000 -C729    C97       | LMC        # C773 -C775    C778
LMC          C73  -C752   C759       | LMC        # C780 -C798    C80
LMC          C754 -C755   C759       | LMP        # C810 -C969
LMC          C760 -C768   C97        |
LMC          C810 -C969   C97        |          --- C773  ---
                                     |
          --- C754  ---              | LMP        # C000 -C768
                                     | LMC        # C770 -C772    C778
LMC          C000 -C729    C97       | LMC        # C774 -C775    C778
LMC          C73  -C753   C759       | LMC        # C780 -C798    C80
LMC          C755         C759       | LMP        # C810 -C969
LMC          C760 -C768   C97        |
LMC          C810 -C969   C97        |
                                     |
```

```
            --- C774  ---            |            --- C784  ---
                                     |
LMP        # C000 -C768              | LMP        # C000 -C768
LMC        # C770 -C773    C778      | LMC        # C770 -C783    C80
LMC        # C775          C778      | LMC        # C785 -C798    C80
LMC        # C780 -C798    C80       | LMP        # C810 -C969
LMP        # C810 -C969              |
            --- C775  ---            |            --- C785  ---
                                     |
LMP        # C000 -C768              | LMP        # C000 -C768
LMC        # C770 -C774    C778      | LMC        # C770 -C784    C80
LMC        # C780 -C798    C80       | LMC        # C786 -C798    C80
LMP        # C810 -C969              | LMP        # C810 -C969
                                     |
            --- C778  ---            |            --- C786  ---
                                     |
LMP        # C000 -C768              | LMP        # C000 -C768
LMC        # C780 -C798    C80       | LMC        # C770 -C785    C80
LMP        # C810 -C969              | LMC        # C787 -C798    C80
                                     | LMP        # C810 -C969
            --- C779  ---            |
                                     |            --- C787  ---
LMP        # C000 -C768              |
SMP          C770 -C778              | LMP        # C000 -C768
LMC        # C780 -C798    C80       | LMC        # C770 -C786    C80
LMP        # C810 -C969              | LMC        # C788 -C798    C80
                                     | LMP        # C810 -C969
            --- C780  ---            |
                                     |            --- C788  ---
LMP        # C000 -C768              |
LMC        # C770 -C779    C80       | LMP        # C000 -C768
LMC        # C781 -C798    C80       | LMC        # C770 -C787    C80
LMP        # C810 -C969              | LMC        # C790 -C798    C80
                                     | LMP        # C810 -C969
            --- C781  ---            |
                                     |            --- C790  ---
LMP        # C000 -C768              |
LMC        # C770 -C780    C80       | LMP        # C000 -C768
LMC        # C782 -C798    C80       | LMC        # C770 -C788    C80
LMP        # C810 -C969              | LMC        # C791 -C798    C80
                                     | LMP        # C810 -C969
            --- C782  ---            |
                                     |            --- C791  ---
LMP        # C000 -C768              |
LMC        # C770 -C781    C80       | LMP        # C000 -C768
LMC        # C783 -C798    C80       | LMC        # C770 -C790    C80
LMP        # C810 -C969              | LMC        # C792 -C798    C80
                                     | LMP        # C810 -C969
            --- C783  ---            |
                                     |            --- C792  ---
LMP        # C000 -C768              |
LMC        # C770 -C782    C80       | LMP        # C000 -C768
LMC        # C784 -C798    C80       | LMC        # C770 -C791    C80
LMP        # C810 -C969              | LMC        # C793 -C798    C80
                                     | LMP        # C810 -C969
                                     |
```

```
        --- C793 ---                |          --- C819 ---
                                    |            CONTINUED
LMP        # C000 -C768             | SMP          C810 -C817
LMC        # C770 -C792    C80      | DSC          R75            B213
LMC        # C794 -C798    C80      |
LMP        # C810 -C969             |          --- C820 ---
                                    |
        --- C794 ---                | DSC          B24            B212
                                    | LMC          C000 -C768    C97
LMP        # C000 -C768             | LMC        # C822           C821
LMC        # C770 -C793    C80      | DSC          R75            B212
LMC        # C795 -C798    C80      |
LMP        # C810 -C969             |       --- C821 -C827 ---
                                    |
        --- C795 ---                | DSC          B24            B212
                                    | LMC          C000 -C768    C97
LMP        # C000 -C768             | DSC          R75            B212
LMC        # C770 -C794    C80      |
LMC        # C796 -C798    C80      |          --- C829 ---
LMP        # C810 -C969             |
                                    | DSC          B24            B212
        --- C796 ---                | LMC          C000 -C768    C97
                                    | SMP          C820 -C827
LMP        # C000 -C768             | DSC          R75            B212
LMC        # C770 -C795    C80      |
LMC        # C797 -C798    C80      |          --- C830 ---
LMP        # C810 -C969             |
                                    | DSC          B24            B212
        --- C797 ---                | LMC          C000 -C768    C97
                                    | LMC        # C833           C832
LMP        # C000 -C768             | DSC          R75            B212
LMC        # C770 -C796    C80      |
LMC        # C798          C80      |          --- C831 ---
LMP        # C810 -C969             |
                                    | DSC          B24            B212
        --- C798 ---                | LMC          C000 -C768    C97
                                    | LMC        # C822           C821
LMP        # C000 -C768             | DSC          R75            B212
LMC        # C770 -C797    C80      |
LMP        # C810 -C969             |          --- C832 ---
                                    |
        --- C80  ---                | DSC          B24            B212
                                    | LMC          C000 -C768    C97
DSC        B24            B219      | DSC          R75            B212
SMP        C000 -C768               |
SMP        C810 -C969               |          --- C833 ---
DSC        R75            B219  *   |
                                    | DSC          B24            B212
    --- C810 -C817 ---              | LMC          C000 -C768    C97
                                    | LMC        # C830           C832
DSC        B24            B213      | DSC          R75            B212
LMC        C000 -C768    C97        |
DSC        R75            B213      |       --- C834 -C836 ---
                                    |
        --- C819 ---                | DSC          B24            B212
                                    | LMC          C000 -C768    C97
DSC        B24            B213      | DSC          R75            B212
LMC        C000 -C768    C97        |
```

```
            --- C837  ---              |        --- C911 -C917  ---
                                       |
DSC         B24            B211        | DSC         B24            B213
LMC         C000 -C768     C97         | LMC         C000 -C768     C97
DSC         R75            B211        | DSC         R75            B213
                                       |
            --- C838  ---              |        --- C919  ---
                                       |
DSC         B24            B212        | DSC         B24            B213
LMC         C000 -C768     C97         | LMC         C000 -C768     C97
DSC         R75            B212        | SMP         C910 -C917
                                       | DSC         R75            B213
            --- C839  ---              |
                                       |        --- C920  ---
DSC         B24            B212        |
LMC         C000 -C768     C97         | DSC         B24            B213
SMP         C830 -C838                 | LMC         C000 -C768     C97
DSC         R75            B212        | SMP         C921
                                       | DSC         R75            B213
         --- C840 -C857  ---           |
                                       |     --- C921 -C927  ---
DSC         B24            B212        |
LMC         C000 -C768     C97         | DSC         B24            B213
DSC         R75            B212        | LMC         C000 -C768     C97
                                       | DSC         R75            B213
            --- C859  ---              |
                                       |        --- C929  ---
DSC         B24            B212        |
LMC         C000 -C768     C97         | DSC         B24            B213
SMP         C820 -C857                 | LMC         C000 -C768     C97
SMP         C963                       | SMP         C920 -C927
DSC         R75            B212        | DSC         R75            B213
                                       |
         --- C880 -C887  ---           |        --- C930  ---
                                       |
DSC         B24            B213        | DSC         B24            B213
LMC         C000 -C768     C97         | LMC         C000 -C768     C97
DSC         R75            B213        | SMP         C931
                                       | DSC         R75            B213
            --- C889  ---              |
                                       |     --- C931 -C937  ---
DSC         B24            B213        |
LMC         C000 -C768     C97         | DSC         B24            B213
SMP         C880 -C887                 | LMC         C000 -C768     C97
DSC         R75            B213        | DSC         R75            B213
                                       |
         --- C900 -C902  ---           |        --- C939  ---
                                       |
DSC         B24            B213        | DSC         B24            B213
LMC         C000 -C768     C97         | LMC         C000 -C768     C97
DSC         R75            B213        | SMP         C930 -C937
                                       | DSC         R75            B213
            --- C910  ---              |
                                       |        --- C940  ---
DSC         B24            B213        |
LMC         C000 -C768     C97         | DSC         B24            B213
SMP         C911                       | LMC         C000 -C768     C97
DSC         R75            B213        | SMP     M   C941
```

MODIFICATION: SELECTION RULE 3, MODIFICATION RULES A, C, AND D

```
          --- C940  ---           |        --- D024  ---
           CONTINUED              |
DSC        R75          B213      | SMP     D020 -D023

      --- C941 -C947  ---         |        --- D039  ---
                                  |
DSC        B24          B213      | SMP     D030 -D038
LMC        C000 -C768   C97       |
DSC        R75          B213      |        --- D049  ---
                                  |
          --- C950  ---           | SMP     D030 -D048
                                  |
DSC        B24          B213      |        --- D059  ---
LMC        C000 -C768   C97       |
SMP        C910 -C947             | SMP     D050 -D057
SMP        C951                   |
DSC        R75          B213      |        --- D069  ---
                                  |
      --- C951 -C952  ---         | SMP     D060 -D067
                                  |
DSC        B24          B213      |        --- D073  ---
LMC        C000 -C768   C97       |
SMP        C910 -C947             | SMP   M  C56
DSC        R75          B213      |
                                  |        --- D099  ---
          --- C957  ---           |
                                  | SMP     D000 -D097
DSC        B24          B213      |
LMC        C000 -C768   C97       |        --- D103  ---
DSC        R75          B213      |
                                  | SMP     D100 -D102
          --- C959  ---           |
                                  |        --- D109  ---
DSC        B24          B213      |
LMC        C000 -C768   C97       | SMP     D104 -D107
SMP        C910 -C957             |
DSC        R75          B213      |        --- D119  ---
                                  |
      --- C960 -C967  ---         | SMP     D110 -D117
                                  |
DSC        B24          B213      |        --- D126  ---
LMC        C000 -C768   C97       |
DSC        R75          B213      | SMP     D120 -D125
                                  |
          --- C969  ---           |        --- D139  ---
                                  |
DSC        B24          B213      | SMP     D120 -D137
LMC        C000 -C768   C97       |
SMP        C810 -C967             |        --- D144  ---
DSC        R75          B213      |
                                  | SMP     D140 -D143
          --- D014  ---           |
                                  |        --- D159  ---
SMP        D010 -D013             |
                                  | SMP     D141 -D157
          --- D019  ---           |
                                  |
SMP        D001 -D017             |
```

```
        --- D169  ---          |          --- D332  ---
                               |
SMP        D160 -D168          | SMP         D330 -D331
                               |
        --- D179  ---          |          --- D339  ---
                               |
SMP        D170 -D177          | SMP         D320 -D337
                               |
        --- D199  ---          |          --- D359  ---
                               |
SMP        D190 -D197          | SMP         D34  -D357
                               |
        --- D219  ---          |          --- D369  ---
                               |
SMP        D170 -D216          | SMP         D100 -D367
                               |
        --- D229  ---          |          --- D370  ---
                               |
SMP        D220 -D227          | SMP     M   C000 -C148
                               | SMP     M   D000
        --- D239  ---          | SMP     M   D100 -D119
                               |
SMP        D230 -D237          |          --- D371  ---
                               |
        --- D259  ---          | SMP         C160 -C169
                               | SMP         D002
SMP        D250 -D252          | SMP         D131
                               |
        --- D269  ---          |          --- D372  ---
                               |
SMP        D250 -D267          | SMP         C170 -C179
                               | SMP     M   D014
        --- D27   ---          | SMP         D133
                               |
SMP        C56                 |          --- D373  ---
                               |
        --- D289  ---          | SMP         C181
                               | SMP         D010
SMP        D250 -D287          | SMP         D121
                               |
        --- D299  ---          |          --- D374  ---
                               |
SMP        D290 -D297          | SMP         C180 -C189
                               | SMP         D010
        --- D309  ---          | SMP         D120 -D126
                               |
SMP        D300 -D307          |          --- D375  ---
                               |
        --- D319  ---          | SMP         C19  -C20
                               | SMP         D011 -D012
SMP        D310 -D316          | SMP         D127 -D128
                               |
        --- D329  ---          |          --- D376  ---
                               |
SMP        D320 -D321          | SMP     M   C220 -C259
                               | SMP     M   D015
                               | SMP     M   D134 -D137
                               |
```

```
          --- D377  ---          |           --- D386  ---
                                 |             CONTINUED
SMP     M  C150 -C159            | SMP        D380 -D385
SMP     M  C210 -C218            |
SMP     M  C260 -C268            |           --- D390  ---
SMP     M  D001                  |
SMP     M  D017 -D019            | SMP     M  C530 -C55
SMP     M  D130                  | SMP     M  D060 -D069
SMP     M  D139                  | SMP        D073
                                 | SMP        D250 -D269
          --- D379  ---          |
                                 |           --- D391  ---
SMP        C000 -C269            |
SMP        D000 -D019            | SMP        C56
SMP        D100 -D139            | SMP        D073
SMP        D370 -D377            | SMP        D27
                                 |
          --- D380  ---          |           --- D392  ---
                                 |
SMP        C320 -C329            | SMP        C58
SMP        D020                  | SMP     M  D073
SMP        D141                  | SMP     M  D267
                                 |
          --- D381  ---          |           --- D397  ---
                                 |
SMP     M  C33  -C349            | SMP     M  C510 -C52
SMP     M  D021 -D022            | SMP     M  C570 -C578
SMP     M  D142 -D143            | SMP     M  D070 -D073
                                 | SMP     M  D280 -D287
          --- D382  ---          |
                                 |           --- D399  ---
SMP        C384                  |
SMP     M  D097                  | SMP        C510 -C579
SMP     M  D157                  | SMP        D060 -D073
                                 | SMP        D250 -D289
          --- D383  ---          | SMP        D390 -D397
                                 |
SMP        C381 -C383            |           --- D400  ---
SMP     M  D097                  |
SMP        D152                  | SMP        C61
                                 | SMP        D075
          --- D384  ---          | SMP        D291
                                 |
SMP        C37                   |           --- D401  ---
SMP     M  D093                  |
SMP        D150                  | SMP        C620 -C629
                                 | SMP     M  D076
          --- D385  ---          | SMP        D292
                                 |
SMP        C390 -C398            |           --- D407  ---
SMP     M  D023                  |
SMP        D144                  | SMP     M  C600 -C609
                                 | SMP     M  C630 -C639
          --- D386  ---          | SMP     M  D076
                                 | SMP     M  D290
SMP        C300 -C399            | SMP     M  D293 -D297
SMP        D020 -D024            |
SMP        D140 -D159            |
```

```
                                    TABLE E
              MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


                 --- D409  ---           |           --- D421  ---
                                         |
     SMP         C600 -C639              | SMP           C701
     SMP         D074 -D076              | SMP      M    D097
     SMP         D290 -D299              | SMP           D321
     SMP         D400 -D407              |
                                         |           --- D429  ---
                 --- D410  ---           |
                                         | SMP           C700 -C709
     SMP         C64                     | SMP      M    D097
     SMP    M    D091                    | SMP           D320 -D329
     SMP         D300                    | SMP           D420 -D421
                                         |
                 --- D411  ---           |           --- D430  ---
                                         |
     SMP         C65                     | SMP           C710 -C714
     SMP    M    D091                    | SMP      M    D097
     SMP         D301                    | SMP      M    D181
                                         | SMP           D330
                 --- D412  ---           |
                                         |           --- D431  ---
     SMP         C66                     |
     SMP    M    D091                    | SMP           C715 -C717
     SMP         D302                    | SMP      M    D097
                                         | SMP      M    D181
                 --- D413  ---           | SMP           D331
                                         |
     SMP         C680                    |           --- D432  ---
     SMP    M    D091                    |
     SMP         D304                    | SMP           C710 -C719
                                         | SMP      M    D097
                 --- D414  ---           | SMP      M    D181
                                         | SMP           D320
     SMP         C670 -C679              | SMP           D330 -D332
     SMP         D090                    | SMP           D430 -D431
     SMP         D303                    |
                                         |           --- D433  ---
                 --- D417  ---           |
                                         | SMP           C721 -C725
     SMP    M    C680 -C689              | SMP      M    D097
     SMP    M    D091                    | SMP           D333
     SMP    M    D304 -D307              |
                                         |           --- D434  ---
                 --- D419  ---           |
                                         | SMP           C720
     SMP         C64  -C689              | SMP      M    D097
     SMP         D090 -D091              | SMP           D334
     SMP         D300 -D309              |
     SMP         D410 -D417              |           --- D437  ---
                                         |
                 --- D420  ---           | SMP      M    C728 -C729
                                         | SMP      M    D097
     SMP         C700                    | SMP           D337
     SMP    M    D097                    |
     SMP         D320                    |           --- D439  ---
                                         |
                                           SMP           C710 -C729
                                         | SMP      M    D097
                                    E-83   (11-04)
```

```
              --- D439  ---         |           --- D449  ---
                CONTINUED           |             CONTINUED
SMP           D320 -D339            | SMP        D377
SMP           D420 -D437            | SMP        D384
                                    | SMP        D391
              --- D440  ---         | SMP        D401
                                    | SMP        D440 -D448
SMP           C73                   |
SMP       M   D093                  |           --- D469  ---
SMP           D34                   |
                                    | DS    M   C900 -C969
              --- D441  ---         | SMP        D460 -D467
                                    | SMP    M   D471
SMP           C740 -C749            |
SMP       M   D093                  |           --- D479  ---
SMP           D350                  |
                                    | SMP        C810 -D477
              --- D442  ---         |
                                    |           --- D480  ---
SMP           C750                  |
SMP       M   D093                  | SMP        C400 -C419
SMP           D351                  | SMP        D160 -D169
                                    |
              --- D443  ---         |           --- D481  ---
                                    |
SMP           C751                  | SMP        C450 -C499
SMP       M   D093                  | SMP        D170 -D219
SMP           D352                  |
                                    |           --- D482  ---
              --- D444  ---         |
                                    | SMP        C470 -C479
SMP           C752                  | SMP        D361
SMP       M   D093                  |
SMP           D353                  |           --- D483  ---
                                    |
              --- D445  ---         | SMP        C480
                                    | SMP        D200
SMP           C753                  |
SMP       M   D093                  |           --- D484  ---
SMP           D354                  |
                                    | SMP        C481 -C488
              --- D446  ---         | SMP        D201
                                    |
SMP           C754                  |           --- D485  ---
SMP       M   D093                  |
SMP           D355                  | SMP        C430 -C449
                                    | SMP        D030 -D049
              --- D447  ---         | SMP        D220 -D239
                                    |
SMP           C755                  |           --- D486  ---
SMP       M   D093                  |
SMP           D356                  | SMP        C500 -C509
                                    | SMP        D050 -D059
              --- D449  ---         | SMP        D24
                                    |
SMP           C73  -C759            |           --- D487  ---
SMP           D093                  |
SMP           D34  -D359            | SMP    M   C380
```

```
        --- D487  ---            |      --- D530 -D538  ---
           CONTINUED            |
SMP    M  C700 -C709            | DSC    M  B24          B232
SMP    M  C760 -C768            | DSC    M  R75          B232  *
SMP    M  D092                  |
SMP    M  D097                  |        --- D539  ---
SMP    M  D151                  |
SMP    M  D360 -D367            | DSC    M  B24          B232
                               | SMP       D500 -D538
        --- D489  ---           | LMC       E60  -E610   D538
                               | LMC       E615         D538
SMP       C000 -D487            | DSC    M  R75          B232  *
                               |
        --- D500  ---           |        --- D569  ---
                               |
DSC       B24          B232    | SMP       D560 -D568
DS        C000 -C97            |
DS        D45  -D479           |        --- D571  ---
DSC       R75          B232  * |
                               | LMC    M  D569         D568
     --- D501 -D508  ---        | LMP       D570
                               | LMP       D572
DSC    M  B24          B232    | SDC    M  D580 -D581   D578
DS        C000 -C97            |
DS        D45  -D479           |        --- D582  ---
DSC    M  R75          B232  * |
                               | LMP    M  D569
        --- D509  ---           | LMC    M  D569         D563
                               | LMP    M  D581
DSC       B24          B232    |
DS        C000 -C97            |        --- D589  ---
DS        D45  -D479           |
SMP       D500 -D508           | SMP       D580 -D588
DSC       R75          B232  * | SMP    M  D590 -D599
                               |
        --- D519  ---           |        --- D591  ---
                               |
DSC       B24          B232    | DSC       B24          B232
SMP       D511 -D518           | DSC       R75          B232  *
DSC       R75          B232  * |
                               |        --- D593  ---
        --- D520  ---           |
                               | DSC       B24          B232
DSC       B24          B232    | DSC       R75          B232  *
DSC       R75          B232  * |
                               |        --- D598  ---
        --- D528  ---           |
                               | DSC    M  B24          B232
DSC    M  B24          B232    | DSC    M  R75          B232  *
DSC    M  R75          B232  * |
                               |        --- D599  ---
        --- D529  ---           |
                               | DSC       B24          B232
DSC       B24          B232    | DS        C810 -C969
SMP       D520 -D528           | DS        D45  -D479
DSC       R75          B232  * | SMP       D590 -D595
                               | LMP       D596
                               | SMP       D598
```

```
           --- D599  ---          |        --- D62   ---
             CONTINUED            |          CONTINUED
DSC          R75         B232  * | DS          K250
                                  | DS          K252
        --- D600 -D608  ---       | DS          K254
                                  | DS          K256
DSC          B24         B232    | DS          K260
DSC          R75         B232  * | DS          K262
                                  | DS          K264
           --- D609  ---          | DS          K266
                                  | DS          K270
DSC          B24         B232    | DS          K272
SMP          D600 -D608           | DS          K274
DSC          R75         B232  * | DS          K276
                                  | DS          K280
           --- D618  ---          | DS          K282
                                  | DS          K284
DSC      M   B24         B232    | DS          K286
DS           C810 -C969           | DS          K625
DS       M   D45                  | DS      M   K661
DS           D461 -D464           | DS      M   K768
DS       M   D470 -D471           | DS      M   K868
DS           D472                 | DS          K922
DS       M   D473 -D479           | DS      M   N288
DSC      M   R75         B232  * | DS      M   N328
                                  | DS      M   N368
           --- D619  ---          | DS          N421
                                  | DS      M   N488
DSC          B24         B232    | DS      M   N501
DS       M   D470 -D479           | DS          N836 -N837
SMP          D600 -D618           | DS      M   N838
LMC      M   I6000       D610     | DS      M   N908
LMC      M   I6060       D610     | DS          N939
LMC      M   I6070       D610     | DS          P100 -P109
LMC      M   I6080       D610     | DS          P122
LMC      M   I6090       D610     | DS          P500 -P549
LMC      M   Q000 -Q999  D610     | DSC         R75         B232  *
DSC          R75         B232  * | DS      M   S025
                                  | DS      M   S210 -S219
           --- D62   ---          | DS      M   S250 -S281
                                  | DS      M   S297
DSC          B24         B232    | DS      M   S310 -S318
DS           C810 -C969           | DS          S350 -S383
DS           D45  -D479           | DS          S396 -S397
DS           D65  -D699           | DS      M   S398 -S399
DS       M   D735                 |
DS           E078                 |        --- D641   ---
DS       M   E214                 |
DS       M   E236                 | DSC     M   B24         B232
DS       M   E274                 | DSC     M   R75         B232  *
DS       M   E328                 |
DS       M   G951                 |        --- D643   ---
DS       M   I312                 |
DS       M   I518                 | DSC     M   B24         B232
DS           I600 -I629           | DSC     M   R75         B232  *
DS           I850                 |
DS       M   J392                 |
DS       M   K228                 |
```

```
        --- D648 ---          |          --- D692  ---
                              |             CONTINUED
DSC    M B24          B232    | SMP    M D698
DSC    M R75          B232 *  | SMP    M D890 -D891
                              | SMP    M E54
        --- D649 ---          | SMP    M M311
                              |
SMP    M A070                 |          --- D695  ---
SMP    M A188                 |
SMP    M A527                 | DSC    M B24          B232
DSC      B24          B232    | DS       C000 -C97
SMP    M B54                  | DSC    M R75          B232 *
SMP    M B700                 |
SMP    M B769                 |          --- D696  ---
DS       C001 -C97            |
DS       D45  -D467           | DSC    M B24          B232
SMP    M D469                 | DS       C000 -C97
DS       D470                 | SDC      D692         D694
SMP    M D471                 | DSC    M R75          B232 *
DS       D472 -D479           |
SMP      D500 -D550           |          --- D698  ---
LMP      D551 -D552           |
SMP      D553 -D648           | DSC    M B24          B232
DSC    M E46          D539    | DSC    M R75          B232 *
SMP    M I678                 |
DSC      R75          B232 *  |          --- D699  ---
LMC      R80          D511    |
                              | DSC    M B24          B232
        --- D65   ---         | DS       C810 -C969
                              | DS       D45  -D479
DSC      B24          B232    | SMP      D690 -D698
DSC      R75          B232 *  | DSC    M R75          B232 *
                              |
        --- D66   ---         |          --- D70   ---
                              |
LMC      I99          D680    | DSC    M B24          B232
LMC      Q279         D680    | DS     M C810 -C943
                              | DS       C944 -C969
        --- D684  ---         | DS       D45
                              | DS     M D460
DSC      B24          B232    | DS     M D462 -D469
DSC      R75          B232 *  | DS       D470
                              | DS     M D471
        --- D688  ---         | DS       D473 -D479
                              | DSC    M R75          B232 *
DSC    M B24          B232    |
DSC    M R75          B232 *  |          --- D728  ---
                              |
        --- D689  ---         | DSC    M B24          B232
                              | DSC    M D801         D819
DSC      B24          B232    | DS       D819
SMP      D65  -D688           | DSC    M R75          B232 *
DSC      R75          B232 *  |
                              |          --- D729  ---
        --- D692  ---         |
                              | DSC      B24          B232
SMP      D690                 | SMP      D70  -D728
SMP      D693                 | DSC      R75          B232 *
```

```
        --- D730  ---          |        --- D739  ---
                               |          CONTINUED
DSC        B24         B232    | SMP   M  C788
DS         C810 -C969          | DS       C810 -C969
DS     M   E854                | SMP   M  D139
DSC    M   E859        E854    | SMP   M  D377
DSC        R75         B232  * | SMP      D730 -D738
                               | DS       E854
        --- D731  ---          | DSC      E859          E854
                               | DS       Q890
DSC        B24         B232    | DSC      R75          B232  *
DS         C810 -C969          |
DS         D45  -D470          |        --- D748  ---
DS     M   D471                |
DS         D472 -D479          | DSC   M  B24          B232
DS         Q890                | DS    M  C810 -C969
DSC        R75         B232  * | DSC   M  R75          B232  *
                               |
        --- D732  ---          |        --- D749  ---
                               |
DSC        B24         B232    | DSC      B24          B232
DS         C810 -C969          | DS       C810 -C969
DS         Q890                | SMP      D740 -D748
DSC        R75         B232  * | DSC      R75          B232  *
                               |
        --- D733  ---          |        --- D751  ---
                               |
DSC        A061        A068    | DSC   M  B24          B232
DSC        A069        A068    | DSC   M  R75          B232  *
DSC        B24         B232    |
DS         C810 -C969          |        --- D758  ---
DS         Q890                |
DSC        R75         B232  * | DSC   M  B24          B232
                               | DSC   M  R75          B232  *
     --- D734 -D735  ---       |
                               |        --- D759  ---
DSC        B24         B232    |
DS         C810 -C969          | DSC      B24          B232
DS         Q890                | SMP      D500 -D758
DSC        R75         B232  * | DSC      R75          B232  *
                               |
        --- D738  ---          |        --- D801  ---
                               |
DSC    M   B24         B201    | DSC      B24          B232
DSC    M   B24         B203    | LMC   M  D728         D819
DSC    M   B24         B208    | DSC      R75          B232  *
DSC    M   B24         B232    |
DS         C810 -C969          |     --- D802 -D806  ---
DS         Q890                |
DSC    M   R75         B201  * | DSC      B24          B232
DSC    M   R75         B203  * | DSC      R75          B232  *
DSC    M   R75         B208  * |
DSC    M   R75         B232  * |        --- D808  ---
                               |
        --- D739  ---          | DSC   M  B24          B232
                               | DSC   M  R75          B232  *
DSC        B24         B232    |
SMP        C261                |
```

```
           --- D809  ---              |          --- D860  ---
                                      |
DSC     M  B24            B232        | SMC         D861            D862
SMP        D800 -D808                 | SMP         D862
DSC     M  R75            B232     *  | SMC         D863            D868
                                      | SMP     M   D868
       --- D810 -D812  ---            | SMC         G527            D868
                                      | SMC         G629            D868
DSC     M  B24            B232        | SMC         G729            D868
DSC     M  R75            B232     *  | SMC         H200 -H201      D868
                                      | SMC         H208 -H209      D868
       --- D816 -D818  ---            | SMC         I400 -I4220     D868
                                      | SMC         I428 -I4290     D868
DSC     M  B24            B232        | SMC         I514            D868
DSC     M  R75            B232     *  | SMC         I890 -I899      D862
                                      | SMC         K111            D868
         --- D819  ---                | SMC         K753            D868
                                      | SMC         L950 -L989      D868
DSC     M  B24            B232        | SMC         M130 -M139      D868
LMC     M  D720           D810        | SMC         M600 -M601      D868
LMP        D811 -D812                 | SMC         M608 -M609      D868
SMP        D813 -D818                 | SMC         N12             D868
DSC     M  R75            B232     *  | SMC         N159            D868
                                      | SMC         R590 -R599      D862
         --- D829  ---                |
                                      |          --- D861  ---
SMP        D820 -D828                 |
                                      | SMC         D860            D862
       --- D830 -D838  ---            | SMP         D862
                                      | SMC         D863            D868
DSC     M  B24            B232        | SMP     M   D868
DSC     M  R75            B232     *  | SMC         G527            D868
                                      | SMC         G629            D868
         --- D839  ---                | SMC         G729            D868
                                      | SMC         H200 -H201      D868
DSC     M  B24            B232        | SMC         H208 -H209      D868
LMP        D830 -D832                 | SMC         I400 -I4220     D868
SMP        D838                       | SMC         I428 -I4290     D868
DSC     M  R75            B232     *  | SMC         I514            D868
                                      | SMC         J9840           D862
       --- D840 -D848  ---            | SMC         K111            D868
                                      | SMC         K753            D868
DSC     M  B24            B232        | SMC         L950 -L989      D868
DSC     M  R75            B232     *  | SMC         M130 -M139      D868
                                      | SMC         M600 -M601      D868
         --- D849  ---                | SMC         M608 -M609      D868
                                      | SMC         N12             D868
DSC        B24            B232        | SMC         N159            D868
LMC        D696           D820        |
SMP        D800 -D804                 |          --- D862  ---
LMP        D805 -D806                 |
SMP        D807 -D808                 | SMP         D868
LMP        D809                       | SMC         G527            D868
SMP        D810 -D848                 | SMC         G629            D868
LMC     M  E703           D828        | SMC         G729            D868
LMC     M  L309           D820        | SMC         H200 -H201      D868
DSC        R75            B232     *  | SMC         H208 -H209      D868
                                      | SMC         I400 -I4220     D868
                                      |
```

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        --- D862  ---              |         --- E009  ---
          CONTINUED                |
SMC     I428 -I4290   D868         | SMP       E000 -E002
SMC     I514          D868         |
SMC     K111          D868         |         --- E012  ---
SMC     K753          D868         |
SMC     L950 -L989    D868         | SMP       E010 -E011
SMC     M130 -M139    D868         |
SMC     M600 -M601    D868         |         --- E018  ---
SMC     M608 -M609    D868         |
SMC     N12           D868         | SMP    M  E009
SMC     N159          D868         | SMP       E02
SMC     R590 -R599    D868         |
                                   |         --- E031  ---
        --- D863  ---              |
                                   | LMC       E049          E030
SMC     D860 -D862    D868         |
SMC     G527          D868         |         --- E034  ---
                                   |
        --- D869  ---              | LMC       E009          E031
                                   |
SMP     D860 -D868                 |      --- E039 -E0390 ---
SDC     G527          D868         |
SDC     G629          D868         | SMP    M  E009
SDC     G729          D868         | SMP    M  E018
SDC     H200 -H201    D868         | SMP       E02  -E038
SDC     H208 -H209    D868         | SMP       P722
SDC     I400 -I4220   D868         | SDC       R402          E035
SDC     I428 -I4290   D868         |
SDC     I514          D868         |         --- E041  ---
SDC     I890 -I899    D861         |
SDC     J9840         D860         | LMC       E059          E051
SDC     K111          D868         |
SDC     K753          D868         |         --- E042  ---
SDC     L950 -L989    D863         |
SDC     M130 -M139    D868         | LMC       E059          E052
SDC     M600 -M601    D868         |
SDC     M608 -M609    D868         |         --- E049  ---
SDC     N12           D868         |
SDC     N159          D868         | SMP       E010 -E012
SDC     R590 -R599    D861         | SMP       E030
                                   | SMP       E040 -E048
        --- D892  ---              | SMP       E050 -E052
                                   | LMC    M  E059          E050
SDC     D692          D890         | LMC    M  E059          E052
                                   | SMP       E063
        --- D898  ---              | SMP       E071
                                   | SMP       P720
DSC   M B24           B232         |
DSC   M R75           B232  *      |         --- E059  ---
                                   |
        --- D899  ---              | LMC       E041          E051
                                   | LMC       E042          E052
DSC     B24           B232         | LMC    M  E049          E050
SMP     D800 -D898                 | LMC    M  E049          E051
DSC     R75           B232  *      | LMC    M  E049          E052
                                   | SMP       E050 -E058
                                   | LDC       H052          E050
```

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            --- E059  ---          |        --- E100  ---
              CONTINUED            |          CONTINUED
SMP          P721                  | LMC       M899          E107
                                   | LMC       N000 -N019    E107
            --- E065  ---          | LMC       N030 -N059    E107
                                   | LMC       N26           E107
LMP          E062                  | LMC       N289          E107
                                   | LMC    M  N498          E107
            --- E069  ---          | LMC       R02           E107
                                   | LMC    M  R798          E107
SMP      M   A188                  |
SMP          E060 -E065            |        --- E101  ---
                                   |
            --- E078  ---          | LMC       E100          E107
                                   | LMC       E102 -E106    E107
DS           C73                   | LMC       E142 -E148    E107
DS       M   C798                  | LMC       E15           E100
DS       M   D093                  | LMC       G580 -G589    E107
DS           D34                   | LMC       G629          E107
DS       M   D440                  | LMC       G709          E107
DS           E000 -E071            | LMC    M  G718          E107
                                   | LMC       G909          E107
            --- E079  ---          | LMC    M  G98           E107
                                   | LMC       H200 -H201    E107
SMP          C73                   | LMC       H208 -H209    E107
SMP      M   C798                  | LMC       H269          E107
SMP      M   D093                  | LMC       H300 -H309    E107
SMP          D34                   | LMC       H350          E107
SMP          D440                  | LMC       H356          E107
SMP          E000 -E078            | LMC       H499          E107
                                   | LMC       I739          E107
            --- E100  ---          | LMC    M  I99           E107
                                   | LMC    M  K318          E107
LMC          E102 -E106    E107    | LMC       L309          E107
LMC          E142 -E148    E107    | LMC       L89           E107
LMC          G580 -G589    E107    | LMC       L921          E107
LMC          G629          E107    | LMC       L97           E107
LMC          G709          E107    | LMC       L984          E107
LMC      M   G718          E107    | LMC       M130 -M139    E107
LMC          G909          E107    | LMC       M792          E107
LMC      M   G98           E107    | LMC       M899          E107
LMC          H200 -H201    E107    | LMC       N000 -N019    E107
LMC          H208 -H209    E107    | LMC       N030 -N059    E107
LMC          H269          E107    | LMC       N26           E107
LMC          H300 -H309    E107    | LMC       N289          E107
LMC          H350          E107    | LMC    M  N498          E107
LMC          H356          E107    | LMC       R02           E107
LMC          H499          E107    | LMC       R402          E100
LMC          I739          E107    |
LMC      M   I99           E107    |        --- E102  ---
LMC      M   K318          E107    |
LMC          L309          E107    | LMC       E100 -E101    E107
LMC          L89           E107    | LMC       E103 -E106    E107
LMC          L921          E107    | LMC       E142 -E148    E107
LMC          L97           E107    | LMC       E15           E100
LMC          L984          E107    | LMC       E872          E107
LMC          M130 -M139    E107    | LMC    M  E888          E107
LMC          M792          E107    | LMC       G580 -G589    E107
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        --- E102  ---            |        --- E103  ---
          CONTINUED              |          CONTINUED
LMC         G629        E107     | LMC       N289        E107
LMC         G709        E107     | LMC     M N498        E107
LMC       M G718        E107     | LMC       R02         E107
LMC         G909        E107     | LMC       R402        E107
LMC       M G98         E107     | LMC     M R798        E107
LMC         H200 -H201  E107     |
LMC         H208 -H209  E107     |        --- E104  ---
LMC         H269        E107     |
LMC         H300 -H309  E107     | LMC       E100 -E103  E107
LMC         H350        E107     | LMC       E105 -E106  E107
LMC         H356        E107     | LMC       E142 -E148  E107
LMC         H499        E107     | LMC       E15         E107
LMC         I739        E107     | LMC       E872        E107
LMC       M I99         E107     | LMC     M E888        E107
LMC       M K318        E107     | LMC     M G98         E107
LMC         L309        E107     | LMC       H200 -H201  E107
LMC         L89         E107     | LMC       H208 -H209  E107
LMC         L921        E107     | LMC       H269        E107
LMC         L97         E107     | LMC       H300 -H309  E107
LMC         L984        E107     | LMC       H350        E107
LMC         M130 -M139  E107     | LMC       H356        E107
LMC         M792        E107     | LMC       H499        E107
LMC         M899        E107     | LMC       I739        E107
LMC       M N498        E107     | LMC     M I99         E107
LMC         R02         E107     | LMC     M K318        E107
LMC         R402        E107     | LMC       L309        E107
LMC       M R798        E107     | LMC       L89         E107
                                 | LMC       L921        E107
        --- E103  ---            | LMC       L97         E107
                                 | LMC       L984        E107
LMC         E100 -E102  E107     | LMC       M130 -M139  E107
LMC         E104 -E106  E107     | LMC       M899        E107
LMC         E142 -E148  E107     | LMC       N000 -N019  E107
LMC         E15         E107     | LMC       N030 -N059  E107
LMC         E872        E107     | LMC       N26         E107
LMC       M E888        E107     | LMC       N289        E107
LMC         G580 -G589  E107     | LMC     M N498        E107
LMC         G629        E107     | LMC       R02         E107
LMC         G709        E107     | LMC       R402        E107
LMC       M G718        E107     | LMC     M R798        E107
LMC         G909        E107     |
LMC       M G98         E107     |        --- E105  ---
LMC         I739        E107     |
LMC       M I99         E107     | LMC       E100 -E104  E107
LMC       M K318        E107     | LMC       E106        E107
LMC         L309        E107     | LMC       E142 -E144  E107
LMC         L89         E107     | LMC       E146        E107
LMC         L921        E107     | LMC       E15         E107
LMC         L97         E107     | LMC       E872        E107
LMC         L984        E107     | LMC     M E888        E107
LMC         M130 -M139  E107     | LMC       G580 -G589  E107
LMC         M792        E107     | LMC       G629        E107
LMC         M899        E107     | LMC       G709        E107
LMC         N000 -N019  E107     | LMC     M G718        E107
LMC         N030 -N059  E107     | LMC       G909        E107
LMC         N26         E107     | LMC     M G98         E107
```

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        --- E105  ---           |        --- E108  ---
            CONTINUED           |
LMC         H200 -H201   E107   | LMC        E142 -E148   E107
LMC         H208 -H209   E107   | SMC        E15          E100
LMC         H269         E107   | SMC        E872         E101
LMC         H300 -H309   E107   | SMC     M  E888         E101
LMC         H350         E107   | SMC        G580 -G589   E104
LMC         H356         E107   | SMC        G629         E104
LMC         H499         E107   | SMC        G709         E104
LMC      M  K318         E107   | SMC     M  G718         E104
LMC         L309         E107   | SMC        G909         E104
LMC         L921         E107   | SMC     M  G98          E106
LMC         M130 -M139   E107   | SMC        H200 -H201   E103
LMC         M792         E107   | SMC        H208 -H209   E103
LMC         M899         E107   | SMC        H269         E103
LMC         N000 -N019   E107   | SMC        H300 -H309   E103
LMC         N030 -N059   E107   | SMC        H350         E103
LMC         N26          E107   | SMC        H356         E103
LMC         N289         E107   | SMC        H499         E103
LMC         R402         E107   | SMC        I739         E105
LMC      M  R798         E107   | SMC     M  I99          E105
                                | SMC     M  K318         E106
        --- E106  ---           | SMC        L309         E106
                                | SMC        L89          E105
LMC         E100 -E105   E107   | SMC        L921         E106
LMC         E142 -E148   E107   | SMC        L97          E105
LMC         E15          E107   | SMC        L984         E105
LMC         E872         E107   | SMC        M130 -M139   E106
LMC      M  E888         E107   | SMC        M792         E104
LMC         G580 -G589   E107   | SMC        M899         E106
LMC         G629         E107   | SMC        N000 -N019   E102
LMC         G709         E107   | SMC        N030 -N059   E102
LMC      M  G718         E107   | SMC        N26          E102
LMC         G909         E107   | SMC        N289         E102
LMC         H200 -H201   E107   | LMC     M  N498         E105
LMC         H208 -H209   E107   | SMC        R02          E105
LMC         H269         E107   | SMC        R402         E100
LMC         H300 -H309   E107   | SMC     M  R798         E101
LMC         H350         E107   |
LMC         H356         E107   |        --- E109  ---
LMC         H499         E107   |
LMC         I739         E107   | SMP        E100 -E108
LMC      M  I99          E107   | LMC        E140         E100
LMC         L89          E107   | LMC        E141         E101
LMC         L97          E107   | LMC        E142         E102
LMC         L984         E107   | LMC        E143         E103
LMC         M792         E107   | LMC        E144         E104
LMC         N000 -N019   E107   | LMC        E145         E105
LMC         N030 -N059   E107   | LMC        E146         E106
LMC         N26          E107   | LMC        E147         E107
LMC         N289         E107   | LMC        E148         E108
LMC      M  N498         E107   | LMC        E15          E100
LMC         R02          E107   | LMC        E872         E101
LMC         R402         E107   | LMC     M  E888         E101
LMC      M  R798         E107   | LMC        G580 -G589   E104
                                | LMC        G629         E104
                                | LMC        G709         E104
                                | LMC     M  G718         E104
                                |
```

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         --- E109  ---           |         --- E110  ---
          CONTINUED              |          CONTINUED
LMC         G909        E104     | LMC        M899        E117
LMC     M   G98         E106     | LMC        N000 -N019  E117
LMC         H200 -H201  E103     | LMC        N030 -N059  E117
LMC         H208 -H209  E103     | LMC        N26         E117
LMC         H269        E103     | LMC        N289        E117
LMC         H300 -H309  E103     | LMC    M   N498        E117
LMC         H350        E103     | LMC        R02         E117
LMC         H356        E103     | LMC    M   R798        E117
LMC         H499        E103     |
LMC         I739        E105     |         --- E111  ---
LMC     M   I99         E105     |
LMC     M   K318        E106     | LMC        E112 -E116  E117
LMC         L309        E106     | LMC        E142 -E148  E117
LMC         L89         E105     | LMC        E15         E110
LMC         L921        E106     | LMC        G580 -G589  E117
LMC         L97         E105     | LMC        G629        E117
LMC         L984        E105     | LMC        G709        E117
LMC         M130 -M139  E106     | LMC        G718        E117
LMC         M792        E104     | LMC    M   G909        E117
LMC         M899        E106     | LMC    M   G98         E117
LMC         N000 -N019  E102     | LMC        H200 -H201  E117
LMC         N030 -N059  E102     | LMC        H208 -H209  E117
LMC         N26         E102     | LMC        H269        E117
LMC         N289        E102     | LMC        H300 -H309  E117
LMC     M   N498        E105     | LMC        H350        E117
LMC         R02         E105     | LMC        H356        E117
LMC         R402        E100     | LMC        H499        E117
LMC     M   R798        E101     | LMC        I739        E117
                                 | LMC    M   I99         E117
         --- E110  ---           | LMC    M   K318        E117
                                 | LMC        L309        E117
LMC         E111 -E116  E117     | LMC        L89         E117
LMC         E142 -E148  E117     | LMC        L921        E117
LMC         G580 -G589  E117     | LMC        L97         E117
LMC         G629        E117     | LMC        L984        E117
LMC         G709        E117     | LMC        M130 -M139  E117
LMC     M   G718        E117     | LMC        M792        E117
LMC         G909        E117     | LMC        M899        E117
LMC     M   G98         E117     | LMC        N000 -N019  E117
LMC         H200 -H201  E117     | LMC        N030 -N059  E117
LMC         H208 -H209  E117     | LMC        N26         E117
LMC         H269        E117     | LMC        N289        E117
LMC         H300 -H309  E117     | LMC    M   N498        E117
LMC         H350        E117     | LMC        R02         E117
LMC         H356        E117     | LMC        R402        E110
LMC         H499        E117     |
LMC         I739        E117     |         --- E112  ---
LMC     M   I99         E117     |
LMC     M   K318        E117     | LMC        E110 -E111  E117
LMC         L309        E117     | LMC        E113 -E116  E117
LMC         L89         E117     | LMC        E142 -E148  E117
LMC         L921        E117     | LMC        E15         E117
LMC         L97         E117     | LMC        E872        E117
LMC         L984        E117     | LMC    M   E888        E117
LMC         M130 -M139  E117     | LMC        G580 -G589  E117
LMC         M792        E117     | LMC        G629        E117
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        --- E112  ---              |        --- E113  ---
          CONTINUED                |          CONTINUED
LMC        G709          E117      | LMC   M  N498          E117
LMC    M   G718          E117      | LMC      R02           E117
LMC        G909          E117      | LMC      R402          E117
LMC    M   G98           E117      | LMC   M  R798          E117
LMC        H200 -H201    E117      |
LMC        H208 -H209    E117      |        --- E114  ---
LMC        H269          E117      |
LMC        H300 -H309    E117      | LMC      E110 -E113    E117
LMC        H350          E117      | LMC      E115 -E116    E117
LMC        H356          E117      | LMC      E142 -E148    E117
LMC        H499          E117      | LMC      E15           E117
LMC        I739          E117      | LMC      E872          E117
LMC    M   I99           E117      | LMC   M  E888          E117
LMC    M   K318          E117      | LMC   M  G98           E117
LMC        L309          E117      | LMC      H200 -H201    E117
LMC        L89           E117      | LMC      H208 -H209    E117
LMC        L921          E117      | LMC      H269          E117
LMC        L97           E117      | LMC      H300 -H309    E117
LMC        L984          E117      | LMC      H350          E117
LMC        M130 -M139    E117      | LMC      H356          E117
LMC        M792          E117      | LMC      H499          E117
LMC        M899          E117      | LMC      I739          E117
LMC    M   N498          E117      | LMC   M  I99           E117
LMC        R02           E117      | LMC   M  K318          E117
LMC        R402          E117      | LMC      L309          E117
LMC    M   R798          E117      | LMC      L89           E117
                                   | LMC      L921          E117
        --- E113  ---              | LMC      L97           E117
                                   | LMC      L984          E117
LMC        E110 -E112    E117      | LMC      M130 -M139    E117
LMC        E114 -E116    E117      | LMC      M899          E117
LMC        E142 -E148    E117      | LMC      N000 -N019    E117
LMC        E15           E110      | LMC      N030 -N059    E117
LMC        E872          E117      | LMC      N26           E117
LMC    M   E888          E117      | LMC      N289          E117
LMC        G580 -G589    E117      | LMC   M  N498          E117
LMC        G629          E117      | LMC      R02           E117
LMC        G709          E117      | LMC      R402          E117
LMC    M   G718          E117      | LMC   M  R798          E117
LMC        G909          E117      |
LMC    M   G98           E117      |        --- E115  ---
LMC        I739          E117      |
LMC    M   I99           E117      | LMC      E110 -E114    E117
LMC    M   K318          E117      | LMC      E116          E117
LMC        L309          E117      | LMC      E142 -E148    E117
LMC        L89           E117      | LMC      E15           E117
LMC        L921          E117      | LMC      E872          E117
LMC        L97           E117      | LMC   M  E888          E117
LMC        L984          E117      | LMC      G580 -G589    E117
LMC        M130 -M139    E117      | LMC      G629          E117
LMC        M792          E117      | LMC      G709          E117
LMC        M899          E117      | LMC   M  G718          E117
LMC        N000 -N019    E117      | LMC      G909          E117
LMC        N030 -N059    E117      | LMC   M  G98           E117
LMC        N26           E117      | LMC      H200 -H201    E117
LMC        N289          E117      | LMC      H208 -H209    E117
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        --- E115  ---            |        --- E118  ---
          CONTINUED              |          CONTINUED
LMC       H269         E117      | SMC       E872         E111
LMC       H300 -H309   E117      | SMC    M  E888         E111
LMC       H350         E117      | SMC       G580 -G589   E114
LMC       H356         E117      | SMC       G629         E114
LMC       H499         E117      | SMC       G709         E114
LMC    M  K318         E117      | SMC    M  G718         E114
LMC       L309         E117      | SMC       G909         E114
LMC       L921         E117      | SMC    M  G98          E116
LMC       M130 -M139   E117      | SMC       H200 -H201   E113
LMC       M792         E117      | SMC       H208 -H209   E113
LMC       M899         E117      | SMC       H269         E113
LMC       N000 -N019   E117      | SMC       H300 -H309   E113
LMC       N030 -N059   E117      | SMC       H350         E113
LMC       N26          E117      | SMC       H356         E113
LMC       N289         E117      | SMC       H499         E113
LMC       R402         E117      | SMC       I739         E115
LMC    M  R798         E117      | SMC    M  I99          E115
                                 | SMC    M  K318         E116
         --- E116  ---           | SMC       L309         E116
                                 | SMC       L89          E115
LMC       E110 -E115   E117      | SMC       L921         E116
LMC       E142 -E148   E117      | SMC       L97          E115
LMC       E15          E117      | SMC       L984         E115
LMC       E872         E117      | SMC       M130 -M139   E116
LMC    M  E888         E117      | SMC       M792         E114
LMC       G580 -G589   E117      | SMC       M899         E116
LMC       G629         E117      | SMC       N000 -N019   E112
LMC       G709         E117      | SMC       N030 -N059   E112
LMC    M  G718         E117      | SMC       N26          E112
LMC       G909         E117      | SMC       N289         E112
LMC       H200 -H201   E117      | LMC    M  N498         E115
LMC       H208 -H209   E117      | SMC       R02          E115
LMC       H269         E117      | SMC       R402         E110
LMC       H300 -H309   E117      | SMC    M  R798         E111
LMC       H350         E117      |
LMC       H356         E117      |
LMC       H499         E117      |        --- E119  ---
LMC       I739         E117      |
LMC    M  I99          E117      | SMP       E110 -E118
LMC       L89          E117      | LMC       E140         E110
LMC       L97          E117      | LMC       E141         E111
LMC       L984         E117      | LMC       E142         E112
LMC       M792         E117      | LMC       E143         E113
LMC       N000 -N019   E117      | LMC       E144         E114
LMC       N030 -N059   E117      | LMC       E145         E115
LMC       N26          E117      | LMC       E146         E116
LMC       N289         E117      | LMC       E147         E117
LMC    M  N498         E117      | LMC       E148         E118
LMC       R02          E117      | LMC       E15          E110
LMC       R402         E117      | LMC       E872         E111
LMC    M  R798         E117      | LMC    M  E888         E111
                                 | LMC       G580 -G589   E114
         --- E118  ---           | LMC       G629         E114
                                 | LMC       G709         E114
LMC       E142 -E148   E117      | LMC    M  G718         E114
SMC       E15          E110      | LMC       G909         E114
                                 | LMC    M  G98          E116
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        --- E119  ---             |         --- E120  ---
          CONTINUED               |           CONTINUED
LMC       H200 -H201   E113       | LMC       N030 -N059   E127
LMC       H208 -H209   E113       | LMC       N26          E127
LMC       H269         E113       | LMC       N289         E127
LMC       H300 -H309   E113       | LMC    M  N498         E127
LMC       H350         E113       | LMC       R02          E127
LMC       H356         E113       | LMC    M  R798         E127
LMC       H499         E113       |
LMC       I739         E115       |         --- E121  ---
LMC    M  I99          E115       |
LMC    M  K318         E116       | LMP       E120
LMC       L309         E116       | LMC       E122 -E126   E127
LMC       L89          E115       | LMC       E142 -E148   E127
LMC       L921         E116       | LMC       E15          E120
LMC       L97          E115       | LMC       G580 -G589   E127
LMC       L984         E115       | LMC       G629         E127
LMC       M130 -M139   E116       | LMC       G709         E127
LMC       M792         E114       | LMC    M  G718         E127
LMC       M899         E116       | LMC       G909         E127
LMC       N000 -N019   E112       | LMC    M  G98          E127
LMC       N030 -N059   E112       | LMC       H200 -H201   E127
LMC       N26          E112       | LMC       H208 -H209   E127
LMC       N289         E112       | LMC       H269         E127
LMC    M  N498         E115       | LMC       H300 -H309   E127
LMC       R02          E115       | LMC       H350         E127
LMC       R402         E110       | LMC       H356         E127
LMC    M  R798         E111       | LMC       H499         E127
                                  | LMC       I739         E127
        --- E120  ---             | LMC    M  I99          E127
                                  | LMC    M  K318         E127
LMC       E122 -E126   E127       | LMC       L309         E127
LMC       E142 -E148   E127       | LMC       L89          E127
LMC       G580 -G589   E127       | LMC       L921         E127
LMC       G629         E127       | LMC       L97          E127
LMC       G709         E127       | LMC       L984         E127
LMC    M  G718         E127       | LMC       M130 -M139   E127
LMC       G909         E127       | LMC       M792         E127
LMC    M  G98          E127       | LMC       M899         E127
LMC       H200 -H201   E127       | LMC       N000 -N019   E127
LMC       H208 -H209   E127       | LMC       N030 -N059   E127
LMC       H269         E127       | LMC       N26          E127
LMC       H300 -H309   E127       | LMC       N289         E127
LMC       H350         E127       | LMC    M  N498         E127
LMC       H356         E127       | LMC       R02          E127
LMC       H499         E127       | LMC       R402         E120
LMC       I739         E127       |
LMC    M  I99          E127       |         --- E122  ---
LMC    M  K318         E127       |
LMC       L309         E127       | LMC       E120 -E121   E127
LMC       L89          E127       | LMC       E123 -E126   E127
LMC       L921         E127       | LMC       E142 -E148   E127
LMC       L97          E127       | LMC       E15          E127
LMC       L984         E127       | LMC       E872         E127
LMC       M130 -M139   E127       | LMC    M  E888         E127
LMC       M792         E127       | LMC       G580 -G589   E127
LMC       M899         E127       | LMC       G629         E127
LMC       N000 -N019   E127       | LMC       G709         E127
```

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        --- E122  ---           |          --- E123  ---
          CONTINUED             |            CONTINUED
LMC    M  G718          E127     | LMC         R02          E127
LMC       G909          E127     | LMC         R402         E127
LMC    M  G98           E127     | LMC      M  R798         E127
LMC       H200 -H201    E127     |
LMC       H208 -H209    E127     |          --- E124  ---
LMC       H269          E127     |
LMC       H300 -H309    E127     | LMC         E120 -E123   E127
LMC       H350          E127     | LMC         E125 -E126   E127
LMC       H356          E127     | LMC         E142 -E148   E127
LMC       H499          E127     | LMC         E15          E127
LMC       I739          E127     | LMC         E872         E127
LMC    M  I99           E127     | LMC      M  E888         E127
LMC    M  K318          E127     | LMC      M  G98          E127
LMC       L309          E127     | LMC         H200 -H201   E127
LMC       L89           E127     | LMC         H208 -H209   E127
LMC       L921          E127     | LMC         H269         E127
LMC       L97           E127     | LMC         H300 -H309   E127
LMC       L984          E127     | LMC         H350         E127
LMC       M130 -M139    E127     | LMC         H356         E127
LMC       M792          E127     | LMC         H499         E127
LMC       M899          E127     | LMC         I739         E127
LMC    M  N498          E127     | LMC      M  I99          E127
LMC       R02           E127     | LMC      M  K318         E127
LMC       R402          E127     | LMC         L309         E127
LMC    M  R798          E127     | LMC         L89          E127
                                 | LMC         L921         E127
        --- E123  ---           | LMC         L97          E127
                                 | LMC         L984         E127
LMC       E120 -E122    E127     | LMC         M130 -M139   E127
LMC       E124 -E126    E127     | LMC         M899         E127
LMC       E142 -E148    E127     | LMC         N000 -N019   E127
LMC       E15           E127     | LMC         N030 -N059   E127
LMC       E872          E127     | LMC         N26          E127
LMC    M  E888          E127     | LMC         N289         E127
LMC       G580 -G589    E127     | LMC      M  N498         E127
LMC       G629          E127     | LMC         R02          E127
LMC       G709          E127     | LMC         R402         E127
LMC    M  G718          E127     | LMC      M  R798         E127
LMC       G909          E127     |
LMC    M  G98           E127     |          --- E125  ---
LMC       I739          E127     |
LMC    M  I99           E127     | LMC         E120 -E124   E127
LMC    M  K318          E127     | LMC         E126         E127
LMC       L309          E127     | LMC         E142 -E148   E127
LMC       L89           E127     | LMC         E15          E127
LMC       L921          E127     | LMC         E872         E127
LMC       L97           E127     | LMC      M  E888         E127
LMC       L984          E127     | LMC         G580 -G589   E127
LMC       M130 -M139    E127     | LMC         G629         E127
LMC       M792          E127     | LMC         G709         E127
LMC       M899          E127     | LMC      M  G718         E127
LMC       N000 -N019    E127     | LMC         G909         E127
LMC       N030 -N059    E127     | LMC      M  G98          E127
LMC       N26           E127     | LMC         H200 -H201   E127
LMC       N289          E127     | LMC         H208 -H209   E127
LMC    M  N498          E127     | LMC         H269         E127
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--- E125 ---
CONTINUED

LMC		H300 -H309	E127
LMC		H350	E127
LMC		H356	E127
LMC		H499	E127
LMC	M	K318	E127
LMC		L309	E127
LMC		L921	E127
LMC		M130 -M139	E127
LMC		M792	E127
LMC		M899	E127
LMC		N000 -N019	E127
LMC		N030 -N059	E127
LMC		N26	E127
LMC		N289	E127
LMC		R402	E127
LMC	M	R798	E127

--- E126 ---

LMC		E120 -E125	E127
LMC		E142 -E148	E127
LMC		E15	E127
LMC		E872	E127
LMC	M	E888	E127
LMC		G580 -G589	E127
LMC		G629	E127
LMC		G709	E127
LMC	M	G718	E127
LMC		G909	E127
LMC		H200 -H201	E127
LMC		H208 -H209	E127
LMC		H269	E127
LMC		H300 -H309	E127
LMC		H350	E127
LMC		H356	E127
LMC		H499	E127
LMC		I739	E127
LMC	M	I99	E127
LMC		L89	E127
LMC		L97	E127
LMC		L984	E127
LMC		M792	E127
LMC		N000 -N019	E127
LMC		N030 -N059	E127
LMC		N26	E127
LMC		N289	E127
LMC	M	N498	E127
LMC		R02	E127
LMC		R402	E127
LMC	M	R798	E127

--- E128 ---

LMC		E142 -E148	E127
LMC		E15	E120
SMC		E872	E121

--- E128 ---
CONTINUED

SMC	M	E888	E121
SMC		G580 -G589	E124
SMC		G629	E124
SMC		G709	E124
SMC	M	G718	E124
SMC		G909	E124
SMC	M	G98	E126
SMC		H200 -H201	E123
SMC		H208 -H209	E123
SMC		H269	E123
SMC		H300 -H309	E123
SMC		H350	E123
SMC		H356	E123
SMC		H499	E123
SMC		I739	E125
SMC	M	I99	E125
SMC	M	K318	E126
SMC		L309	E126
SMC		L89	E125
SMC		L921	E126
SMC		L97	E125
SMC		L984	E125
SMC		M130 -M139	E126
SMC		M792	E124
SMC		M899	E126
SMC		N000 -N019	E122
SMC		N030 -N059	E122
SMC		N26	E122
SMC		N289	E122
LMC	M	N498	E125
SMC		R02	E125
SMC		R402	E120
SMC	M	R798	E121

--- E129 ---

SMP		E120 -E128	
LMC		E140	E120
LMC		E141	E121
LMC		E142	E122
LMC		E143	E123
LMC		E144	E124
LMC		E145	E125
LMC		E146	E126
LMC		E147	E127
LMC		E148	E128
LMC		E15	E120
LMC		E872	E121
LMC	M	E888	E121
LMC		G580 -G589	E124
LMC		G629	E124
LMC		G709	E124
LMC	M	G718	E124
LMC		G909	E124
LMC	M	G98	E126
LMC		H200 -H201	E123

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        --- E129  ---              |       --- E130  ---
          CONTINUED                |         CONTINUED
LMC       H208 -H209   E123        | LMC       N26          E137
LMC       H269         E123        | LMC       N289         E137
LMC       H300 -H309   E123        | LMC     M N498         E137
LMC       H350         E123        | LMC       R02          E137
LMC       H356         E123        | LMC     M R798         E137
LMC       H499         E123        |
LMC       I739         E125        |       --- E131  ---
LMC     M I99          E125        |
LMC     M K318         E126        | LMC       E132 -E136   E137
LMC       L309         E126        | LMC       E142 -E148   E137
LMC       L89          E125        | LMC       E15          E137
LMC       L921         E126        | LMC       G580 -G589   E137
LMC       L97          E125        | LMC       G629         E137
LMC       L984         E125        | LMC       G709         E137
LMC       M130 -M139   E126        | LMC     M G718         E137
LMC       M792         E124        | LMC       G909         E137
LMC       M899         E126        | LMC     M G98          E137
LMC       N000 -N019   E122        | LMC       H200 -H201   E137
LMC       N030 -N059   E122        | LMC       H208 -H209   E137
LMC       N26          E122        | LMC       H269         E137
LMC       N289         E122        | LMC       H300 -H309   E137
LMC     M N498         E125        | LMC       H350         E137
LMC       R02          E125        | LMC       H356         E137
LMC       R402         E120        | LMC       H499         E137
LMC     M R798         E121        | LMC       I739         E137
                                   | LMC     M I99          E137
        --- E130  ---              | LMC     M K318         E137
                                   | LMC       L309         E137
LMC       E131 -E136   E137        | LMC       L89          E137
LMC       E142 -E148   E137        | LMC       L921         E137
LMC       G580 -G589   E137        | LMC       L97          E137
LMC       G629         E137        | LMC       L984         E137
LMC       G709         E137        | LMC       M130 -M139   E137
LMC     M G718         E137        | LMC       M792         E137
LMC       G909         E137        | LMC       M899         E137
LMC     M G98          E137        | LMC       N000 -N019   E137
LMC       H200 -H201   E137        | LMC       N030 -N059   E137
LMC       H208 -H209   E137        | LMC       N26          E137
LMC       H269         E137        | LMC       N289         E137
LMC       H300 -H309   E137        | LMC     M N498         E137
LMC       H350         E137        | LMC       R02          E137
LMC       H356         E137        | LMC       R402         E130
LMC       H499         E137        |
LMC       I739         E137        |       --- E132  ---
LMC     M I99          E137        |
LMC     M K318         E137        | LMC       E130 -E131   E137
LMC       L309         E137        | LMC       E133 -E136   E137
LMC       L89          E137        | LMC       E142 -E148   E137
LMC       L921         E137        | LMC       E15          E137
LMC       L97          E137        | LMC       E872         E137
LMC       L984         E137        | LMC     M E888         E137
LMC       M130 -M139   E137        | LMC       G580 -G589   E137
LMC       M792         E137        | LMC       G629         E137
LMC       M899         E137        | LMC       G709         E137
LMC       N000 -N019   E137        | LMC     M G718         E137
LMC       N030 -N059   E137        | LMC       G909         E137
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           --- E132  ---              |         --- E133  ---
             CONTINUED                |           CONTINUED
LMC    M  G98             E137        | LMC    M  R798            E137
LMC       H200 -H201     E137         |
LMC       H208 -H209     E137         |         --- E134  ---
LMC       H269            E137        |
LMC       H300 -H309     E137         | LMC       E130 -E133    E137
LMC       H350            E137        | LMC       E135 -E136    E137
LMC       H356            E137        | LMC       E142 -E148    E137
LMC       H499            E137        | LMC       E15            E137
LMC       I739            E137        | LMC       E872           E137
LMC    M  I99             E137        | LMC    M  E888           E137
LMC    M  K318            E137        | LMC    M  G98            E137
LMC       L309            E137        | LMC       H200 -H201    E137
LMC       L89             E137        | LMC       H208 -H209    E137
LMC       L921            E137        | LMC       H269           E137
LMC       L97             E137        | LMC       H300 -H309    E137
LMC       L984            E137        | LMC       H350           E137
LMC       M130 -M139     E137         | LMC       H356           E137
LMC       M792            E137        | LMC       H499           E137
LMC       M899            E137        | LMC       I739           E137
LMC    M  N498            E137        | LMC    M  I99            E137
LMC       R02             E137        | LMC    M  K318           E137
LMC       R402            E137        | LMC       L309           E137
LMC    M  R798            E137        | LMC       L89            E137
                                      | LMC       L921           E137
           --- E133  ---              | LMC       L97            E137
                                      | LMC       L984           E137
LMC       E130 -E132     E137         | LMC       M130 -M139    E137
LMC       E134 -E136     E137         | LMC       M899           E137
LMC       E142 -E148     E137         | LMC       N000 -N019    E137
LMC       E15             E137        | LMC       N030 -N059    E137
LMC       E872            E137        | LMC       N26            E137
LMC    M  E888            E137        | LMC       N289           E137
LMC       G580 -G589     E137         | LMC    M  N498           E137
LMC       G629            E137        | LMC       R02            E137
LMC       G709            E137        | LMC       R402           E137
LMC    M  G718            E137        | LMC    M  R798           E137
LMC       G909            E137        |
LMC    M  G98             E137        |         --- E135  ---
LMC       I739            E137        |
LMC    M  I99             E137        | LMC       E130 -E134    E137
LMC    M  K318            E137        | LMC       E136           E137
LMC       L309            E137        | LMC       E142 -E148    E137
LMC       L89             E137        | LMC       E15            E137
LMC       L921            E137        | LMC       E872           E137
LMC       L97             E137        | LMC    M  E888           E137
LMC       L984            E137        | LMC       G580 -G589    E137
LMC       M130 -M139     E137         | LMC       G629           E137
LMC       M792            E137        | LMC       G709           E137
LMC       M899            E137        | LMC    M  G718           E137
LMC       N000 -N019     E137         | LMC       G909           E137
LMC       N030 -N059     E137         | LMC    M  G98            E137
LMC       N26             E137        | LMC       H200 -H201    E137
LMC       N289            E137        | LMC       H208 -H209    E137
LMC    M  N498            E137        | LMC       H269           E137
LMC       R02             E137        | LMC       H300 -H309    E137
LMC       R402            E137        | LMC       H350           E137
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              --- E135  ---        |       --- E138  ---
               CONTINUED           |        CONTINUED
LMC           H356         E137    | SMC           G709         E134
LMC           H499         E137    | SMC     M     G718         E134
LMC     M     K318         E137    | SMC           G909         E134
LMC           L309         E137    | SMC     M     G98          E136
LMC           L921         E137    | SMC           H200 -H201   E133
LMC           M130 -M139   E137    | SMC           H208 -H209   E133
LMC           M792         E137    | SMC           H269         E133
LMC           M899         E137    | SMC           H300 -H309   E133
LMC           N000 -N059   E137    | SMC           H350         E133
LMC           N26          E137    | SMC           H356         E133
LMC           N289         E137    | SMC           H499         E133
LMC           R402         E137    | SMC           I739         E135
LMC     M     R798         E137    | SMC     M     I99          E135
                                   | SMC     M     K318         E136
              --- E136  ---        | SMC           L309         E136
                                   | SMC           L89          E135
LMC           E130 -E135   E137    | SMC           L921         E136
LMC           E142 -E148   E137    | SMC           L97          E135
LMC           E15          E137    | SMC           L984         E135
LMC           E872         E137    | SMC           M130 -M139   E136
LMC     M     E888         E137    | SMC           M792         E134
LMC           G580 -G589   E137    | SMC           M899         E136
LMC           G629         E137    | SMC           N000 -N019   E132
LMC           G709         E137    | SMC           N030 -N059   E132
LMC     M     G718         E137    | SMC           N26          E132
LMC           G909         E137    | SMC           N289         E132
LMC           H200 -H201   E137    | LMC     M     N498         E135
LMC           H208 -H209   E137    | SMC           R02          E135
LMC           H269         E137    | SMC           R402         E130
LMC           H300 -H309   E137    | SMC     M     R798         E131
LMC           H350         E137    |
LMC           H356         E137    |       --- E139  ---
LMC           H499         E137    |
LMC           I739         E137    | SMP           E130 -E138
LMC     M     I99          E137    | LMC           E140         E130
LMC           L89          E137    | LMC           E141         E131
LMC           L97          E137    | LMC           E142         E132
LMC           L984         E137    | LMC           E143         E133
LMC           M792         E137    | LMC           E144         E134
LMC           N000 -N019   E137    | LMC           E145         E135
LMC           N030 -N059   E137    | LMC           E146         E136
LMC           N26          E137    | LMC           E147         E137
LMC           N289         E137    | LMC           E148         E138
LMC     M     N498         E137    | LMC           E15          E130
LMC           R02          E137    | LMC           E872         E131
LMC           R402         E137    | LMC     M     E888         E131
LMC     M     R798         E137    | LMC           G580 -G589   E134
                                   | LMC           G629         E134
              --- E138  ---        | LMC           G709         E134
                                   | LMC     M     G718         E134
LMC           E142 -E148   E137    | LMC           G909         E134
LMC           E15          E130    | LMC     M     G98          E136
SMC           E872         E131    | LMC           H200 -H201   E133
SMC     M     E888         E131    | LMC           H208 -H209   E133
SMC           G580 -G589   E134    | LMC           H269         E133
SMC           G629         E134    | LMC           H300 -H309   E133
```

```
               --- E139  ---          |          --- E140  ---
                  CONTINUED           |             CONTINUED
LMC            H350          E133     | LMC            N26           E147
LMC            H356          E133     | LMC            N289          E147
LMC            H499          E133     | LMC         M  N498          E147
LMC            I739          E135     | LMC            R02           E147
LMC         M  I99           E135     | LMC         M  R798          E147
LMC         M  K318          E136     |
LMC            L309          E136     |          --- E141  ---
LMC            L89           E135     |
LMC            L921          E136     | LMC            E109          E101
LMC            L97           E135     | LMC            E119          E111
LMC            L984          E135     | LMC            E129          E121
LMC            M130 -M139    E136     | LMC            E139          E131
LMC            M792          E134     | LMP            E140
LMC            M899          E136     | LMC            E142 -E146    E147
LMC            N000 -N019    E132     | LMC            E15           E140
LMC            N030 -N059    E132     | LMC            G580 -G589    E147
LMC            N26           E132     | LMC            G629          E147
LMC            N289          E132     | LMC            G709          E147
LMC         M  N498          E135     | LMC         M  G718          E147
LMC            R02           E135     | LMC            G909          E147
LMC            R402          E130     | LMC         M  G98           E147
LMC         M  R798          E131     | LMC            H200 -H201    E147
                                      | LMC            H208 -H209    E147
                                      | LMC            H269          E147
               --- E140  ---          | LMC            H300 -H309    E147
                                      | LMC            H350          E147
LMC            E109          E100     | LMC            H356          E147
LMC            E119          E110     | LMC            H499          E147
LMC            E129          E120     | LMC            I739          E147
LMC            E139          E130     | LMC         M  I99           E147
LMC            E142 -E146    E147     | LMC         M  K318          E147
LMC            G580 -G589    E147     | LMC            L309          E147
LMC            G629          E147     | LMC            L89           E147
LMC            G709          E147     | LMC            L921          E147
LMC         M  G718          E147     | LMC            L97           E147
LMC            G909          E147     | LMC            L984          E147
LMC         M  G98           E147     | LMC            M130 -M139    E147
LMC            H200 -H201    E147     | LMC            M792          E147
LMC            H208 -H209    E147     | LMC            M899          E147
LMC            H269          E147     | LMC            N000 -N019    E147
LMC            H300 -H309    E147     | LMC            N030 -N059    E147
LMC            H350          E147     | LMC            N26           E147
LMC            H356          E147     | LMC            N289          E147
LMC            H499          E147     | LMC         M  N498          E147
LMC            I739          E147     | LMC            R02           E147
LMC         M  I99           E147     | LMC            R402          E140
LMC         M  K318          E147     |
LMC            L309          E147     |          --- E142  ---
LMC            L89           E147     |
LMC            L921          E147     | SMC            E100 -E106    E107
LMC            L97           E147     | SMC            E108          E107
LMC            L984          E147     | LMC            E109          E102
LMC            M130 -M139    E147     | SMC            E110 -E116    E117
LMC            M792          E147     | SMC            E118          E117
LMC            M899          E147     | LMC            E119          E112
LMC            N000 -N019    E147     | SMC            E120 -E126    E127
LMC            N030 -N059    E147     |
```

TABLE E
MODIFICATION: SELECTION RULE 3, MODIFICATION RULES A, C, AND D

```
        --- E142  ---                    |        --- E143  ---
          CONTINUED                      |          CONTINUED
SMC       E128           E127            | LMC      E872           E147
LMC       E129           E122            | LMC   M  E888           E147
SMC       E130 -E136     E137            | LMC      G580 -G589     E147
SMC       E138           E137            | LMC      G629           E147
LMC       E139           E132            | LMC      G709           E147
LMC       E140 -E141     E147            | LMC   M  G718           E147
LMC       E143 -E146     E147            | LMC      G909           E147
LMC       E15            E147            | LMC   M  G98            E147
LMC       E872           E147            | LMC      I739           E147
LMC    M  E888           E147            | LMC   M  I99            E147
LMC       G580 -G589     E147            | LMC   M  K318           E147
LMC       G629           E147            | LMC      L309           E147
LMC       G709           E147            | LMC      L89            E147
LMC    M  G718           E147            | LMC      L921           E147
LMC       G909           E147            | LMC      L97            E147
LMC    M  G98            E147            | LMC      L984           E147
LMC       H200 -H201     E147            | LMC      M130 -M139     E147
LMC       H208 -H209     E147            | LMC      M792           E147
LMC       H269           E147            | LMC      M899           E147
LMC       H300 -H309     E147            | LMC      N000 -N019     E147
LMC       H350           E147            | LMC      N030 -N059     E147
LMC       H356           E147            | LMC      N26            E147
LMC       H499           E147            | LMC      N289           E147
LMC       I739           E147            | LMC   M  N498           E147
LMC    M  I99            E147            | LMC      R02            E147
LMC    M  K318           E147            | LMC      R402           E147
LMC       L309           E147            | LMC   M  R798           E147
LMC       L89            E147            |
LMC       L921           E147            |        --- E144  ---
LMC       L97            E147            |
LMC       L984           E147            | SMC      E100 -E106     E107
LMC       M130 -M139     E147            | SMC      E108           E107
LMC       M792           E147            | LMC      E109           E104
LMC       M899           E147            | SMC      E110 -E116     E117
LMC    M  N498           E147            | SMC      E118           E117
LMC       R02            E147            | LMC      E119           E114
LMC       R402           E147            | SMC      E120 -E126     E127
LMC    M  R798           E147            | SMC      E128           E127
                                         | LMC      E129           E124
        --- E143  ---                    | SMC      E130 -E136     E137
                                         | SMC      E138           E137
SMC       E100 -E106     E107            | LMC      E139           E134
SMC       E108           E107            | LMC      E140 -E143     E147
LMC       E109           E103            | LMC      E145 -E146     E147
SMC       E110 -E116     E117            | LMC      E15            E147
SMC       E118           E117            | LMC      E872           E147
LMC       E119           E113            | LMC   M  E888           E147
SMC       E120 -E126     E127            | LMC   M  G98            E147
SMC       E128           E127            | LMC      H200 -H201     E147
LMC       E129           E123            | LMC      H208 -H209     E147
SMC       E130 -E136     E137            | LMC      H269           E147
SMC       E138           E137            | LMC      H300 -H309     E147
LMC       E139           E133            | LMC      H350           E147
LMC       E140 -E142     E147            | LMC      H356           E147
LMC       E144 -E146     E147            | LMC      H499           E147
LMC       E15            E147            | LMC      I739           E147
```

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```
            --- E144  ---              |        --- E145  ---
             CONTINUED                 |         CONTINUED
LMC    M  I99            E147   | LMC       N000 -N019    E147
LMC    M  K318           E147   | LMC       N030 -N059    E147
LMC       L309           E147   | LMC       N26           E147
LMC       L89            E147   | LMC       N289          E147
LMC       L921           E147   | LMC       R402          E147
LMC       L97            E147   | LMC    M  R798          E147
LMC       L984           E147   |
LMC       M130 -M139     E147   |        --- E146  ---
LMC       M899           E147   |
LMC       N000 -N019     E147   | SMC       E100 -E106    E107
LMC       N030 -N059     E147   | SMC       E108          E107
LMC       N26            E147   | LMC       E109          E106
LMC       N289           E147   | SMC       E110 -E116    E117
LMC    M  N498           E147   | SMC       E118          E117
LMC       R02            E147   | LMC       E119          E116
LMC       R402           E147   | SMC       E120 -E126    E127
LMC    M  R798           E147   | SMC       E128          E127
                               | LMC       E129          E126
            --- E145  ---        | SMC       E130 -E136    E137
                               | SMC       E138          E137
SMC       E100 -E106     E107   | LMC       E139          E136
SMC       E108           E107   | LMC       E140 -E145    E147
LMC       E109           E105   | LMC       E15           E147
SMC       E110 -E116     E117   | LMC       E872          E147
SMC       E118           E117   | LMC    M  E888          E147
LMC       E119           E115   | LMC       G580 -G589    E147
SMC       E120 -E126     E127   | LMC       G629          E147
SMC       E128           E127   | LMC       G709          E147
LMC       E129           E125   | LMC    M  G718          E147
SMC       E130 -E136     E137   | LMC       G909          E147
SMC       E138           E137   | LMC       H200 -H201    E147
LMC       E139           E135   | LMC       H208 -H209    E147
LMC       E140 -E144     E147   | LMC       H269          E147
LMC       E146           E147   | LMC       H300 -H309    E147
LMC       E15            E147   | LMC       H350          E147
LMC       E872           E147   | LMC       H356          E147
LMC    M  E888           E147   | LMC       H499          E147
LMC       G580 -G589     E147   | LMC       I739          E147
LMC       G629           E147   | LMC    M  I99           E147
LMC       G709           E147   | LMC       L89           E147
LMC    M  G718           E147   | LMC       L97           E147
LMC       G909           E147   | LMC       L984          E147
LMC    M  G98            E147   | LMC       M792          E147
LMC       H200 -H201     E147   | LMC       N000 -N019    E147
LMC       H208 -H209     E147   | LMC       N030 -N059    E147
LMC       H269           E147   | LMC       N26           E147
LMC       H300 -H309     E147   | LMC       N289          E147
LMC       H350           E147   | LMC    M  N498          E147
LMC       H356           E147   | LMC       R02           E147
LMC       H499           E147   | LMC       R402          E147
LMC    M  K318           E147   | LMC    M  R798          E147
LMC       L309           E147   |
LMC       L921           E147   |        --- E147  ---
LMC       M130 -M139     E147   |
LMC       M792           E147   | SMC       E100 -E106    E107
LMC       M899           E147   | SMC       E108          E107
```

```
        --- E147  ---            |        --- E148  ---
          CONTINUED              |          CONTINUED
LMC       E109         E107      | LMC   M N498          E145
SMC       E110 -E116   E117      | SMC     R02           E145
SMC       E118         E117      | SMC     R402          E140
LMC       E119         E117      | SMC   M R798          E141
SMC       E120 -E126   E127      |
SMC       E128         E127      |        --- E149  ---
LMC       E129         E127      |
SMC       E130 -E136   E137      | SMP     E100 -E148
SMC       E138         E137      | LMC     E15           E140
LMC       E139         E137      | LMC     E872          E141
                                 | LMC   M E888          E141
        --- E148  ---            | LMC     G580 -G589    E144
                                 | LMC     G629          E144
SMC       E100 -E106   E107      | LMC     G709          E144
SMC       E108         E107      | LMC   M G718          E144
LMC       E109         E108      | LMC     G909          E144
SMC       E110 -E116   E117      | LMC   M G98           E146
SMC       E118         E117      | LMC     H200 -H201    E143
LMC       E119         E118      | LMC     H208 -H209    E143
SMC       E120 -E126   E127      | LMC     H269          E143
SMC       E128         E127      | LMC     H300 -H309    E143
LMC       E129         E128      | LMC     H350          E143
SMC       E130 -E136   E137      | LMC     H356          E143
SMC       E138         E137      | LMC     H499          E143
LMC       E139         E138      | LMC     I739          E145
LMC       E15          E140      | LMC   M I99           E145
SMC       E872         E141      | LMC   M K318          E146
SMC     M E888         E141      | LMC     L309          E146
SMC       G580 -G589   E144      | LMC     L89           E145
SMC       G629         E144      | LMC     L921          E146
SMC       G709         E144      | LMC     L97           E145
SMC     M G718         E144      | LMC     L984          E145
SMC       G909         E144      | LMC     M130 -M139    E146
SMC     M G98          E146      | LMC     M792          E144
SMC       H200 -H201   E143      | LMC     M899          E146
SMC       H208 -H209   E143      | LMC     N000 -N019    E142
SMC       H269         E143      | LMC     N030 -N059    E142
SMC       H300 -H309   E143      | LMC     N26           E142
SMC       H350         E143      | LMC     N289          E142
SMC       H356         E143      | LMC   M N498          E145
SMC       H499         E143      | LMC     R02           E145
SMC       I739         E145      | LMC     R402          E140
SMC     M I99          E145      | LMC   M R798          E141
SMC     M K318         E146      |
SMC       L309         E146      |        --- E15   ---
SMC       L89          E145      |
SMC       L921         E146      | DSC   M B24           B238
SMC       L97          E145      | DS    M E100
SMC       L984         E145      | DSC   M E101          E100   *
SMC       M130 -M139   E146      | DSC   M E102 -E106    E107   *
SMC       M792         E144      | DS    M E107
SMC       M899         E146      | DSC   M E108 -E109    E100
SMC       N000 -N019   E142      | DS    M E110
SMC       N030 -N059   E142      | DSC   M E111          E110
SMC       N26          E142      | DSC   M E112 -E116    E117   *
SMC       N289         E142      | DS    M E117
```

```
          --- E15   ---              |          --- E215  ---
              CONTINUED              |
DSC     M  E118 -E119    E110        | SMP        E210 -E214
DS      M  E120                      |
DSC     M  E121          E120        |      --- E220 -E228  ---
DSC     M  E122 -E126    E127   *    |
DS      M  E127                      | DSC     M  B24          B238
DSC     M  E128 -E129    E120        | DS      M  C798
DS      M  E130                      | DS      M  D093
DSC     M  E131          E130   *    | DSC     M  R75          B238
DSC     M  E132 -E136    E137   *    |
DS      M  E137                      |          --- E229  ---
DSC     M  E138 -E139    E130        |
DS      M  E140                      | DSC     M  B24          B238
DSC     M  E141          E140        | DS      M  C798
DSC     M  E142 -E146    E147   *    | DS      M  D093
DS      M  E147                      | SMP        E220 -E228
DSC     M  E148 -E149    E140        | LDC        E301         E228
DSC     M  R75           B238   *    | DSC     M  R75          B238
                                     |
          --- E160  ---              |          --- E230  ---
                                     |
LMC        R402          E15         | DSC     M  B24          B238
DS      M  T360 -T382                | DS         C751 -C753
DS         T383                      | DS      M  C798
DS      M  T384 -T509                | DS      M  D093
DS      M  X40  -X44                 | DS         D352 -D353
DS      M  X60  -X64                 | DS      M  D443 -D444
DS      M  X85                       | DSC     M  R75          B238
DS      M  Y10  -Y14                 |
DS      M  Y400 -Y422                |      --- E231 -E233  ---
DS         Y423                      |
DS      M  Y424 -Y599                | DSC     M  B24          B238
                                     | DSC     M  R75          B238
          --- E161  ---              |
                                     |          --- E236  ---
DSC     M  B24           B238        |
LMP        E15                       | DSC     M  B24          B238
LMC        R402          E15         | DS         C751 -C753
DSC     M  R75           B238   *    | DS      M  C798
                                     | DS      M  D093
          --- E162  ---              | DS         D352 -D353
                                     | DS      M  D443 -D444
DSC     M  B24           B238        | DSC     M  R75          B238
DS      M  E100 -E149                |
LMC        R402          E15         |          --- E237  ---
DSC     M  R75           B238   *    |
                                     | DSC     M  B24          B238
          --- E169  ---              | SMP        C751
                                     | DS         C752 -C753
SMP        E160 -E168                | SMP     M  C798
                                     | SMP     M  D093
          --- E209  ---              | SMP        D352
                                     | DS         D353
SMP        E200 -E208                | SMP        D443
                                     | DS      M  D444
                                     | SMP        E220 -E236
                                     | SMP     M  Q892
```

```
                        TABLE E
      MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


           --- E237 ---         |       --- E272  ---
             CONTINUED          |         CONTINUED
DSC    M R75          B238      | DS       C740 -C749
                               | DS       C797
           --- E240 ---        | DS       D093
                               | DS       D350
DS       C740 -C749            | DS       D441
DS       C797                  | DS       Q891
DS     M D093                  | DSC      R75          B238 *
DS       D350                  |
DS     M D441                  |    --- E274 -E275  ---
                               |
           --- E241 ---        | DS       A391
                               | DSC      B24          B238
DS       C740 -C749            | DS       C740 -C749
DS       C797                  | DS       C797
DS     M D093                  | DS       D093
DS       D350                  | DS       D350
DS       D441                  | DS       D441
                               | DS       Q891
           --- E243 ---        | DSC      R75          B238 *
                               |
DS       C740 -C749            |       --- E278  ---
DS       C797                  |
DS     M D093                  | DS       A391
DS       D350                  | DSC      B24          B238
DS       D441                  | DS       C740 -C749
                               | DS       C797
           --- E248 ---        | DS       D093
                               | DS       D350
DS       C740 -C749            | DS       D441
DS       C797                  | LMP    M E250
DS     M D093                  | LDC    M E269         E260
DS       D350                  | LMC    M E301         E250
DS       D441                  | DS       Q891
                               | DSC      R75          B238 *
           --- E249 ---        |
                               |       --- E279  ---
DS       C740 -C749            |
DS       C797                  | DS       A391
DS     M D093                  | DSC      B24          B238
DS       D350                  | SMP      C740 -C749
DS     M D441                  | SMP      C797
SMP      E240 -E248            | SMP    M D093
LMP    M E270                  | SMP      D350
                               | SMP      D441
           --- E259 ---        | DS       E258
                               | SMP      E270 -E278
SMP      E250 -E258            | DSC      Q561         E258
                               | DSC      Q563         E258
           --- E269 ---        | SMP      Q891
                               | DSC      R75          B238 *
SMP      E260 -E268            |
                               |       --- E288  ---
           --- E272 ---        |
                               | DS       C56
DS       A391                  | DS       C796
DSC      B24          B238     | DS       D073
```

```
                                TABLE E
       MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


              --- E288  ---           |          --- E319  ---
                CONTINUED            |
       DS        D27                  | SMP        E310 -E318
       DS        D391                 |
                                      |          --- E320 -E328  ---
              --- E289  ---           |
                                      | DS          C37
       DS        C56                  | DS      M   C798
       DS        C796                 | DS      M   D093
       DS        D073                 | DS      M   D150
       DS        D27                  | DS      M   D384
       DS        D391                 | DS      M   Q892
       SMP       E280 -E288           |
                                      |          --- E329  ---
              --- E290  ---           |
                                      | SMP        C37
       DS        C620 -C629           | SMP     M   C798
       DS     M  C798                 | SMP     M   D093
       DS     M  D076                 | SMP        D150
       DS        D292                 | SMP        D384
       DS        D401                 | SMP        E320 -E328
       DS        Q552                 | SMP        Q892
                                      |
              --- E291  ---           |          --- E349  ---
                                      |
       DS     M  C620 -C629           | SMP        C750 -C759
       DS     M  C798                 | SMP     M   C798
       DS     M  D076                 | SMP     M   D093
       DS     M  D292                 | SMP        D34  -D359
       DS     M  D401                 | SMP        D440 -D449
       DS     M  Q552                 | SMP        E000 -E348
                                      | SMP        Q892
              --- E298  ---           |
                                      |          --- E40   ---
       DS        C620 -C629           |
       DS     M  C798                 | DSC         B24              B238
       DS     M  D076                 | SDC         D539             D530
       DS        D292                 | SDC     M   D649             D530
       DS        D401                 | SDC     M   D649             D539
       DS        Q552                 | LMC         E41              E42
                                      | DSC         R75              B238    *
              --- E299  ---           |
                                      |          --- E41   ---
       DS        C620 -C629           |
       DS     M  C798                 | DS          A000 -A09
       DS     M  D076                 | DS          A183
       DS        D292                 | DSC         B24              B238
       DS        D401                 | DS          B573
       SMP       E290                 | DS          C000 -C97
       DS        Q552                 | LMC         E40              E42
                                      | DS          E42
              --- E301  ---           | DS          E750 -E756
                                      | DS          E840 -E859
       LMC    M  E278           E250  | DS          F100 -F199
                                      | DS          G120 -G129
              --- E309  ---           | DS          G300 -G319
                                      | DS          K500 -K529
       SMP       E300 -E308           | DS          K700 -K719
                             E-109  (11-04)
```

```
        --- E41   ---          |        --- E46   ---
          CONTINUED            |          CONTINUED
DS        K900 -K929           | SMP    M  D530
DS        Q390 -Q459           | SMP    M  D539
DSC       R75          B238  * | SDC    M  D539          D530
DS        X53                  | SDC    M  D649          D530
DS        Y060 -Y069           | SDC    M  D649          D539
                               | LMC       E343          E45
        --- E42   ---          | SMP       E40
                               | LDP       E41
DSC       B24          B238    | SMP       E42  -E45
SDC       D539         D530    | DS        E750 -E756
SDC    M  D649         D530    | DS        E840 -E859
SDC    M  D649         D539    | DS        F100 -F199
LMP       E41                  | DS        G120 -G129
DSC       R75          B238  * | DS        G300 -G319
                               | DS        K20  -K229
        --- E43   ---          | DS        K500 -K529
                               | DS        K700 -K719
DSC       B24          B238    | DS        K900 -K929
DS        C000 -C97           | DS        Q390 -Q459
SDC       D539         D530    | LMC    M  R628          E45
SDC    M  D649         D530    | LMC       R64           E41
SDC    M  D649         D539    | DSC       R75          B238  *
LMP       E41                  | DS        X53
DSC       R75          B238  * | DS        Y060 -Y069
                               |
        --- E440  ---          |        --- E500 -E508  ---
                               |
DSC       B24          B238    | DSC       B24          B238
SDC       D539         D530    | DSC       R75          B238  *
SDC    M  D649         D530    |
SDC    M  D649         D539    |        --- E509  ---
DSC       R75          B238  * |
                               | DSC       B24          B238
        --- E441  ---          | SMP       E500 -E508
                               | LMC    M  H111          E501
DSC       B24          B238    | LMC       H160          E503
DS        C000 -C97           | LMC    M  H168          E504
SDC       D539         D530    | LMC    M  H178          E506
SDC    M  D649         D530    | LMC    M  H184          E504
SDC    M  D649         D539    | LMC    M  H188          E502
DSC       R75          B238  * | LMC       H531          E505
                               | LMC       H536          E505
        --- E45   ---          | LMC       Q809          E508
                               | LMC    M  Q828          E508
DSC       B24          B238    | DSC       R75          B238  *
DS        C000 -C97           |
DSC       R75          B238  * |     --- E511 -E518  ---
                               |
        --- E46   ---          | DSC       B24          B238
                               | DSC       R75          B238  *
DS        A000 -A09           |
DS        A183                 |        --- E519  ---
DS        A188                 |
DSC       B24          B238    | DSC       B24          B238
DS        B573                 | SMP       E511 -E518
DS        C000 -C97           | DSC       R75          B238  *
```

```
        --- E52  -E531  ---           |        --- E58    ---

DSC         B24            B238       | DSC         B24            B238
DSC         R75            B238  *    | LMC         E59  -E616     E617
                                      | DS          E617
           --- E538  ---              | LMC         E618           E617
                                      | DSC         R75            B238   *
DSC         B24            B238       |
SMP     M   D510 -D529                |        --- E59    ---
SDC     M   D539           D520       |
SDC     M   D539           D521       | DSC         B24            B238
SDC     M   D539           D529       | LMC         E58            E617
SDC     M   D649           D510       | LMC         E60  -E616     E617
SDC     M   D649           D511       | LMC         E618           E617
SDC     M   D649           D513       | DSC         R75            B238   *
SDC     M   D649           D518       |
SDC     M   D649           D519       |        --- E60    ---
DSC         R75            B238  *    |
                                      | DSC         B24            B238
          --- E539  ---               | SDC         D649           D538
                                      | LMC         E58  -E59      E617
DSC         B24            B238       | LMC         E610 -E616     E617
LMP         E511                      | LMC         E618           E617
LMP         E52                       | DSC         R75            B238   *
SMP         E530 -E538                |
DSC         R75            B238  *    |        --- E610   ---

          --- E54    ---              | DSC         B24            B238
                                      | SDC         D649           D538
DSC         B24            B238       | LMC         E58  -E60      E617
SDC         D539           D532       | LMC         E611 -E616     E617
SDC         D649           D532       | LMC         E618           E617
DSC         R75            B238  *    | DSC         R75            B238   *

          --- E550   ---              |        --- E611   ---

DSC         B24            B238       | DSC         B24            B238
DSC         R75            B238  *    | SDC         D539           D509
                                      | SDC         D649           D509
          --- E559   ---              | LMC         E58  -E610     E617
                                      | LMC         E612 -E616     E617
DSC         B24            B238       | DS          E617
LMP         E550                      | LMC         E618           E617
DSC         R75            B238  *    | DSC         R75            B238   *

        --- E560 -E568   ---          |        --- E612   ---

DSC         B24            B238       | DSC         B24            B238
DSC         R75            B238  *    | LMC         E58  -E611     E617
                                      | LMC         E613 -E616     E617
          --- E569   ---              | LMC         E618           E617
                                      | DSC         R75            B238   *
DSC         B24            B238       |
SMP         E500 -E568                |        --- E613   ---
DSC         R75            B238  *    |
                                      | DSC         B24            B238
                                      | LMC         E58  -E612     E617
                                      | LMC         E614 -E616     E617
```

```
         --- E613  ---           |        --- E639  ---
           CONTINUED             |          CONTINUED
LMC        E618          E617    | DS       C000 -C97
DSC        R75           B238 *  | SMP      D500 -D539
                                 | SDC      D649          D539
         --- E614  ---           | SMP      E40  -E638
                                 | DS       F100 -F109
DSC        B24           B238    | SMP    M K746
LMC        E58  -E613   E617     | SDC      R600 -R609    E43
LMC        E615 -E616   E617     | DSC      R75           B238  *
LMC        E618         E617     |
DSC        R75           B238 *  |        --- E649  ---
                                 |
         --- E615  ---           | SMP      E640 -E648
                                 |
DSC        B24           B238    |        --- E669  ---
SDC        D649          D538    |
LMC        E58  -E614   E617     | SMP    M E039 -E0390
LMC        E616         E617     | SMP    M E236
LMC        E618         E617     | SMP      E660 -E668
DSC        R75           B238 *  |
                                 |        --- E709  ---
         --- E616  ---           |
                                 | SMP      E700 -E708
DSC        B24           B238    |
LMC        E58  -E615   E617     |        --- E712  ---
LMC        E618         E617     |
DSC        R75           B238 *  | SMP      E710 -E711
                                 |
         --- E617  ---           |        --- E729  ---
                                 |
DSC        B24           B238    | SDC      D539          D530
DSC        R75           B238 *  | SDC      D649          D530
                                 | SMP      E720 -E728
         --- E618  ---           |
                                 |        --- E739  ---
DSC        B24           B238    |
LDC        E039 -E0390  E018     | SMP      E730 -E738
LDC        E042         E011     |
LDC        E049         E012     |        --- E749  ---
LMC        E58  -E616   E617     |
DS         E617                  | SMP      E740 -E748
DSC        R75           B238 *  |
                                 |        --- E756  ---
         --- E619  ---           |
                                 | DSC    M B24           B238
DSC        B24           B238    | SMP      E750 -E755
SMP        E58  -E618            | DSC    M R75           B238  *
DSC        R75           B238 *  |
                                 |        --- E769  ---
      --- E630 -E638  ---        |
                                 | SMP      E760 -E768
DSC        B24           B238    |
DSC        R75           B238 *  |        --- E779  ---
                                 |
         --- E639  ---           | SMP      E770 -E778
                                 |
DSC        B24           B238    |
```

```
        --- E780 ---          |       --- E849  ---

LMC        E781        E782   | SMP        E840 -E848
DS     M  E782                | LMC        I519          E848
                             | LMC        J00  -J069    E840
        --- E781  ---         | LMC        J120 -J47     E840
                             | LMC        J690          E840
LMC        E780        E782   | LMC        J698          E840
DS     M  E782                | LMC        J80  -J82     E840
                             | LMC     M  J840          E840
        --- E789  ---         | LMC        J841 -J949    E840
                             | LMC        J960 -J989    E840
SMP        E780 -E788         | LMC        K000 -K291    E841
                             | LMC        K293 -K389    E841
        --- E799  ---         | LMC        K500 -K519    E841
                             | LMC        K521 -K669    E841
SMP        E790 -E798         | LMC        K710 -K85     E841
                             | LMC        K861 -K909    E841
        --- E802  ---         | LMC        K920 -K929    E841

SMP        E800 -E801         |       --- E853  ---

        --- E807  ---         | DSC        M069         M053

SMP        E803 -E806         |     --- E854 -E858  ---

        --- E835  ---         | DSC     M  M069         M053

DS     M  E200 -E215         |       --- E859  ---

        --- E839  ---         | LMC     M  D730         E854
                             | LMC        D739         E854
SMP        E830 -E838         | SMP        E850 -E858
                             | LMC     M  G318 -G319    E854
        --- E840  ---         | LMC        G629         E851
                             | LMC        G729         E854
LMC        E841        E848   | LMC        G909         E854
LMC        I519        E848   | LMC        I420         E854
LMC        K000 -K291  E848   | LMC        I421         E854
LMC        K293 -K389  E848   | LMC        I422         E854
LMC        K500 -K519  E848   | LMC        I428         E854
LMC        K521 -K669  E848   | LMC        I429         E854
LMC        K710 -K85   E848   | LMC        I515         E854
LMC        K861 -K909  E848   | LMC        I519         E854
LMC        K920 -K929  E848   | LMC     M  I679         E854
                             | LMC        I788         E858
        --- E841  ---         | LMC        J00  -J069   E854  *
                             | LMC        J120 -J64     E854  *
LMC        E840        E848   | LMC     M  J660 -J708   E854
LMC        J00  -J069  E848   | LMC     M  J80  -J841   E854
LMC        J120 -J47   E848   | LMC        J8410        E854
LMC        J690        E848   | LMC     M  J848 -J989   E854
LMC        J698        E848   | LMC     M  K768         E854
LMC        J80  -J82   E848   | LMC        K929         E854
LMC     M  J840        E848   | LMC     M  L280         E854
LMC        J841 -J949  E848   | LMC     M  L988         E854
LMC        J960 -J989  E848   | DSC        M069         M053
                             | LMC        M130 -M139    E854
```

```
        --- E859 ---              |        --- E872 ---
          CONTINUED               |          CONTINUED
LMC    M  M792         E854       | DS        E140
LMC       N040 -N059   E854       | SMP    M  E141
LMC    M  N288         E854       | DSC       E142 -E146   E147
                                  | DS        E147
        --- E86 ---               | DSC    M  E148         E141  *
                                  | DSC       E149         E141
LMP       A000 -A09               | SMP    M  N258
DS        A183                    | DSC       R75          B238  *
DSC       B24          B238       |
DS        B573                    |     --- E873 -E874 ---
DS        C000 -D019              |
DS        D100 -D139              | DSC       B24          B238
DS        D370 -D379              | DSC       R75          B238  *
DS        E41  -E46               |
DS        E639                    |        --- E875 ---
DS        K500 -K559              |
DS        K591                    | DSC       B24          B238
DS        M889                    | DS        N000 -N19
DSC       R75          B238  *    | DSC       R75          B238  *
DS        S120 -S199              |
DS        T670 -T679              |     --- E876 -E877 ---
DS        T730 -T731              |
DS     M  T740 -T749              | DSC       B24          B238
                                  | DSC       R75          B238  *
        --- E871 ---              |
                                  |        --- E878 ---
DSC       B24          B238       |
DSC       R75          B238  *    | DSC       B24          B238
                                  | SMP    M  E870 -E877
        --- E872 ---              | DS        M889
                                  | DSC       R75          B238  *
DSC       B24          B238       |
DS        E100                    |        --- E888 ---
SMP    M  E101                    |
DSC       E102 -E106   E107       | DS     M  E100 -E101
DS        E107                    | DSC    M  E102 -E106   E107
DSC    M  E108         E101  *    | DS     M  E107
DSC       E109         E101       | DSC    M  E109         E101
DS        E110                    | DS     M  E110 -E111          *
SMP    M  E111                    | DSC    M  E112 -E116   E117
DSC       E112 -E116   E117       | DS     M  E117
DS        E117                    | DSC    M  E119         E111
DSC    M  E118         E111  *    | DS     M  E120 -E121          *
DSC       E119         E111       | DSC    M  E122 -E126   E127
DS        E120                    | DS     M  E127
SMP    M  E121                    | DSC    M  E129         E121
DSC       E122 -E126   E127       | DS     M  E130 -E131          *
DS        E127                    | DSC    M  E132 -E136   E137
DSC    M  E128         E121  *    | DS     M  E137
DSC       E129         E121       | DSC    M  E139         E131
DS        E130                    | DSC    M  E140         E147
SMP    M  E131                    | DS     M  E140 -E141          *
DSC       E132 -E136   E137       | DSC    M  E142 -E146   E147
DS        E137                    | DS     M  E147
DSC    M  E138         E131  *    | DSC    M  E149         E141
DSC       E139         E131       |
```

```
          --- E889  ---              |        --- F03   ---
                                     |          CONTINUED
DSC       B24          B238          | LMP     # G000 -G419            *
SMP       E700 -E888                 | LMP     # G450 -G479
DSC       R75          B238     *    | LMP     # G520 -G529
                                     | LMP     # G580
        --- E890 -E898  ---          | LMP     # G588 -G98
                                     | LMP     # I00  -I461
DS        Y600 -Y849                 | LMP     # I470 -I958
DS        Y881                       | LMP     # I970 -I979
DS        Y883                       | LMP     # J010 -J051
                                     | LMP     # J100 -J22
          --- E899  ---              | LMP     # J310 -J329
                                     | LMP     # J340 -J341
SMP       E890 -E898                 | LMP     # J343 -J348
DS        Y600 -Y849                 | LMP     # J36  -J959
DS        Y881                       | LMP     # J961
DS        Y883                       | LMP     # J980 -J989
                                     | LMP     # K120 -K137
          --- F019  ---              | LMP     # K20  -K929
                                     | LMP     # L100 -L139
SMP       F010 -F018                 | LMP     # L270 -L279
                                     | LMP     # L500 -L539
          --- F03   ---              | LMP     # L710 -L719
                                     | LMP     # L82
LMP     # A000 -A310                 | LMP     # L88  -L89
LMP     # A318 -A427                 | LMP     # L930 -L932
LMP     # A429 -A599                 | LMP     # L950 -L97
LMP     # A601 -A70                  | LMP     # M000 -M1990
LMP     # A748 -B001                 | LMP     # M300 -M352
LMP     # B003 -B004                 | LMP     # M354 -M359
LMP     # B007                       | LMP     # M410 -M435
LMP     # B009 -B068                 | LMP     # M460 -M479
LMP     # B080                       | LMP     # M481 -M519
LMP     # B082 -B085                 | LMP     # M610 -M629
LMP     # B09  -B238                 | LMP     # M720 -M724
DSC       B24          B220          | LMP     # M728 -M729
LMP     # B250 -B279                 | LMP     # M800 -M949
LMP     # B330 -B349                 | LMP     # M960 -M969
LMP     # B370 -B839                 | LMP     # N000 -N392
LMP     # B86  -E899                 | LMP     # N394 -N459
SMP       F010 -F019                 | LMP     # N480 -N509
LMC       F059        F051           | LMP     # N61  -N839
DSC       F102        F107           | LMP     # N950 -N959
DSC       F105        F107           | LMP     # N980 -N999
SMP     M F107                       | LMP     # Q000 -Q079
DSC       F109        F107           | LMP     # Q200 -Q380
SMP     M F117                       | LMP     # Q382 -Q649
SMP     M F127                       | LMP     # Q750 -Q799
SMP     M F137                       | LMP     # Q850 -Q999
SMP     M F147                       | DSC       R75          B220   *
SMP     M F157                       | LMP     # S010 -S049
SMP     M F167                       | LMP     # S052 -S057
SMP     M F177                       | LMP     # S059 -S099
SMP     M F187                       | LMP     # S110 -S199
SMP     M F197                       | LMP     # S210 -S299
SMP     M F200 -F209                 | LMP     # S310 -S399
SMP     M F843                       | LMP     # S410 -S499
```

```
          --- F03   ---          |          --- F069  ---
            CONTINUED            |            CONTINUED
LMP     # S510 -S599             | DS         G35  -G379
LMP     # S610 -S699             | DS         I600 -I698
LMP     # S710 -S799             | DS     M   M321
LMP     # S810 -S899             |
LMP     # S910 -T08              |          --- F079  ---
LMP     # T091 -T10              |
LMP     # T111 -T12              | SMP        F070 -F078
LMP     # T131 -T139             |
LMP     # T141 -T200             |          --- F09   ---
LMP     # T202 -T210             |
LMP     # T212 -T220             | LMP     # A000 -A310
LMP     # T222 -T230             | LMP     # A318 -A427
LMP     # T232 -T240             | LMP     # A429 -A599
LMP     # T242 -T250             | LMP     # A601 -A70
LMP     # T252 -Y899             | LMP     # A748 -B001
                                 | LMP     # B003 -B004
         --- F059  ---           | LMP     # B007
                                 | LMP     # B009 -B068
DSC       F03         F051       | LMP     # B080
SMP       F050 -F058             | LMP     # B082 -B085
SMP     M F104                   | LMP     # B09  -B279
                                 | LMP     # B330 -B349
         --- F069  ---           | LMP     # B370 -B839
                                 | LMP     # B86  -E899
DS      M A188                   | SMP        F010 -F079
DS      M A328                   | LMP     # G000 -G419
DS        A390                   | LMP     # G450 -G479
DS      M A398                   | LMP     # G520 -G529
DS        A521 -A523             | LMP     # G580
DS      M A548                   | LMP     # G588 -G98
DS        A810 -A819             | LMP     # I00  -I461
DS        A830 -A89              | LMP     # I470 -I958
DS      M A90  -A99              | LMP     # I970 -I979
DS        B010 -B011             | LMP     # J010 -J051
DS        B020 -B022             | LMP     # J100 -J22
DS        B050 -B051             | LMP     # J310 -J329
DS        B060                   | LMP     # J340 -J341
DS      M B258                   | LMP     # J343 -J348
DS        B261 -B262             | LMP     # J36  -J959
DS        B900                   | LMP     # J961
DS        B941                   | LMP     # J980 -J989
DS        C700 -C719             | LMP     # K120 -K137
DS        C793 -C794             | LMP     # K20  -K929
DS      M C830 -C859             | LMP     # L100 -L139
DS      M D180 -D181             | LMP     # L270 -L279
DS        D320 -D339             | LMP     # L500 -L539
DS        D420 -D439             | LMP     # L710 -L719
SMP       F060 -F068             | LMP     # L82
DS        F071 -F072             | LMP     # L88  -L89
DS        F100 -F101             | LMP     # L930 -L932
DSC       F102        F107       | LMP     # L950 -L97
DS        F103 -F106             | LMP     # M000 -M1990
SMP     M F107                   | LMP     # M300 -M352
DS        F108 -F199             | LMP     # M354 -M359
DS        G09  -G10              | LMP     # M410 -M435
DS        G230 -G239             | LMP     # M460 -M479
```

```
        --- F09   ---          |        --- F100  ---
          CONTINUED            |          CONTINUED
LMP       # M481 -M519         | SDC       G729         G721
LMP       # M610 -M629         | SDC       G934         G312
LMP       # M720 -M724         | SMP       I426
LMP       # M728 -M729         | SDC       I429         I426   *
LMP       # M800 -M949         | SMP       K292
LMP       # M960 -M969         | SDC       K297         K292
LMP       # N000 -N392         | LMP       K700 -K709
LMP       # N394 -N459         | SDC    M  K720         K701
LMP       # N480 -N509         | SDC       K7290        K704
LMP       # N61  -N839         | SDC       K740 -K741   K702
LMP       # N950 -N959         | SDC    M  K746         K703
LMP       # N980 -N999         | SDC       K759         K701
LMP       # Q000 -Q079         | SDC       K760         K700
LMP       # Q200 -Q380         | SDC       K769         K709
LMP       # Q382 -Q649         | SDC    M  K85          K860
LMP       # Q750 -Q799         | SMP       K860
LMP       # Q850 -Q999         | SDC       K861         K860
LMP       # S010 -S049         | SMP    M  L278
LMP       # S052 -S057         | SDC       L309         L278
LMP       # S059 -S099         | SDC       R413         F106
LMP       # S110 -S199         | SDC    M  R418         F107
LMP       # S210 -S299         | LMP       T360 -T509
LMP       # S310 -S399         |
LMP       # S410 -S499         |        --- F101  ---
LMP       # S510 -S599         |
LMP       # S610 -S699         | SMP    M  E244
LMP       # S710 -S799         | SMP    M  E52
LMP       # S810 -S899         | SDC    M  G119         G312
LMP       # S910 -T08          | SMP       G312
LMP       # T091 -T10          | SDC    M  G318         G312
LMP       # T111 -T12          | SDC       G319         G312
LMP       # T131 -T139         | SMP    M  G405
LMP       # T141 -T200         | SDC       G409         G405
LMP       # T202 -T210         | SDC       G479         F108
LMP       # T212 -T220         | SMP       G621
LMP       # T222 -T230         | SDC    M  G629         G621
LMP       # T232 -T240         | SMP       G721
LMP       # T242 -T250         | SDC       G729         G721
LMP       # T252 -Y899         | SDC       G934         G312
                               | SMP       I426
        --- F100  ---          | SDC       I429         I426   *
                               | SMP       K292
SMP    M  E244                 | SDC       K297         K292
SMP    M  E52                  | LMP       K700 -K709
LMP       F102                 | SDC    M  K720         K701
LMC       F29          F105    | SDC       K7290        K704
SDC    M  G119         G312    | SDC       K740 -K741   K702
SMP       G312                 | SDC    M  K746         K703
SDC    M  G318         G312    | SDC       K759         K701
SDC       G319         G312    | SDC       K760         K700
SMP    M  G405                 | SDC       K769         K709
SDC       G409         G405    | SDC    M  K85          K860
SDC       G479         F108    | SMP       K860
SMP       G621                 | SDC       K861         K860
SDC    M  G629         G621    | SMP    M  L278
SMP       G721                 | SDC       L309         L278
```

```
                            TABLE E
      MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


              --- F101  ---             |           --- F103  ---
                CONTINUED               |             CONTINUED
SDC         R413        F106    | SDC         G319        G312
SDC    M    R418        F107    | SMP    M    G405
LMP         T360 -T509          | SDC         G409        G405
                               | SDC         G479        F108
              --- F102  ---             | SMP         G621
                               | SDC    M    G629        G621
SMP    M    E244               | SMP         G721
SMP    M    E52                | SDC         G729        G721
LMC         F03         F107    | SDC         G934        G312
LMC         F059        F104    | SMP         I426
LMC         F069        F107    | SDC         I429        I426   *
LMP         F104               | SMP         K292
LMP         F106 -F107         | SDC         K297        K292
LMC         F29         F105    | LMP         K700 -K709
SDC    M    G119        G312    | SDC    M    K720        K701
SMP         G312               | SDC         K7290       K704
SDC    M    G318        G312    | SDC         K740 -K741  K702
SDC         G319        G312    | SDC    M    K746        K703
SMP    M    G405               | SDC         K759        K701
SDC         G409        G405    | SDC         K760        K700
SDC         G479        F108    | SDC         K769        K709
SMP         G621               | SDC    M    K85         K860
SDC    M    G629        G621    | SMP         K860
SMP         G721               | SDC         K861        K860
SDC         G729        G721    | SMP    M    L278
SDC         G934        G312    | SDC         L309        L278
SMP         I426               | SDC         R413        F106
SDC         I429        I426  * | SDC    M    R418        F107
SMP         K292               | LMP         T360 -T509
SDC         K297        K292    |
LMP         K700 -K709         |           --- F104  ---
SDC    M    K720        K701    |
SDC         K7290       K704    | SMP    M    E244
SDC         K740 -K741  K702    | SMP    M    E52
SDC    M    K746        K703    | SDC    M    G119        G312
SDC         K759        K701    | SMP         G312
SDC         K760        K700    | SDC    M    G318        G312
SDC         K769        K709    | SDC         G319        G312
SDC    M    K85         K860    | SMP    M    G405
SMP         K860               | SDC         G409        G405
SDC         K861        K860    | SDC         G479        F108
SMP    M    L278               | SMP         G621
SDC         L309        L278    | SDC    M    G629        G621
SDC         R413        F106    | SMP         G721
SDC    M    R418        F107    | SDC         G729        G721
LMP         T360 -T509          | SDC         G934        G312
                               | SMP         I426
              --- F103  ---             | SDC         I429        I426   *
                               | SMP         K292
SMP    M    E244               | SDC         K297        K292
SMP    M    E52                | LMP         K700 -K709
LMC         F059        F104    | SDC    M    K720        K701
SMP         F104           * | SDC         K7290       K704
SDC    M    G119        G312    | SDC         K740 -K741  K702
SMP         G312               | SDC    M    K746        K703
SDC    M    G318        G312    | SDC         K759        K701

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```
        --- F104  ---           |        --- F106  ---
           CONTINUED            |           CONTINUED
SDC        K760       K700      | SDC   M G119           G312
SDC        K769       K709      | SMP     G312
SDC     M  K85        K860      | SDC   M G318           G312
SMP        K860                 | SDC     G319           G312
SDC        K861       K860      | SMP   M G405
SMP     M  L278                 | SDC     G409           G405
SDC        L309       L278      | SDC     G479           F108
SDC        R413       F106      | SMP     G621
SDC     M  R418       F107      | SDC   M G629           G621
LMP        T360 -T509           | SMP     G721
                               | SDC     G729           G721
        --- F105  ---           | SDC     G934           G312
                               | SMP     I426
SMP     M  E244                 | SDC     I429           I426   *
SMP     M  E52                  | SMP     K292
LMC        F03        F107      | SDC     K297           K292
LMP        F102                 | LMP     K700 -K709
LMP        F104                 | SDC   M K720           K701
LMP        F107                 | SDC     K7290          K704
SDC     M  G119       G312      | SDC     K740 -K741     K702
SMP        G312                 | SDC   M K746           K703
SDC     M  G318       G312      | SDC     K759           K701
SDC        G319       G312      | SDC     K760           K700
SMP     M  G405                 | SDC     K769           K709
SDC        G409       G405      | SDC   M K85            K860
SDC        G479       F108      | SMP     K860
SMP        G621                 | SDC     K861           K860
SDC     M  G629       G621      | SMP   M L278
SMP        G721                 | SDC     L309           L278
SDC        G729       G721      | SDC   M R418           F107
SDC        G934       G312      | LMP     T360 -T509
SMP        I426                 |
SDC        I429       I426   *  |        --- F107  ---
SMP        K292                 |
SDC        K297       K292      | SMP   M E244
LMP        K700 -K709           | SMP   M E52
SDC     M  K720       K701      | SDC   M G119           G312
SDC        K7290      K704      | SMP     G312
SDC        K740 -K741 K702      | SDC   M G318           G312
SDC     M  K746       K703      | SDC     G319           G312
SDC        K759       K701      | SMP   M G405
SDC        K760       K700      | SDC     G409           G405
SDC        K769       K709      | SDC     G479           F108
SDC     M  K85        K860      | SMP     G621
SMP        K860                 | SDC   M G629           G621
SDC        K861       K860      | SMP     G721
SMP     M  L278                 | SDC     G729           G721
SDC        L309       L278      | SDC     G934           G312
SDC        R413       F106      | SMP     I426
SDC     M  R418       F107      | SDC     I429           I426   *
LMP        T360 -T509           | SMP     K292
                               | SDC     K297           K292
        --- F106  ---           | LMP     K700 -K709
                               | SDC   M K720           K701
SMP     M  E244                 | SDC     K7290          K704
SMP     M  E52                  | SDC     K740 -K741     K702
```

```
            --- F107  ---           |          --- F109  ---
              CONTINUED             |            CONTINUED
SDC     M   K746          K703      | LMC    M   F220          F105
SDC         K759          K701      | LMC    M   F28  -F29     F105
SDC         K760          K700      | LMC        F309          F105
SDC         K769          K709      | LMC    M   F39           F108
SDC     M   K85           K860      | LMC        F419          F108
SMP         K860                    | SDC    M   G119          G312
SDC         K861          K860      | SMP        G312
SMP     M   L278                    | SDC    M   G318          G312
SDC         L309          L278      | SDC        G319          G312
SDC         R413          F106      | SMP    M   G405
LMP         T360 -T509              | SDC        G409          G405
                                    | SDC        G479          F108
            --- F108  ---           | SMP        G621
                                    | SDC    M   G629          G621
SMP     M   E244                    | SMP        G721
SMP     M   E52                     | SDC        G729          G721
SDC     M   G119          G312      | SDC        G934          G312
SMP         G312                    | SMP        I426
SDC     M   G318          G312      | SDC        I429          I426    *
SDC         G319          G312      | SMP        K292
SMP     M   G405                    | SDC        K297          K292
SDC         G409          G405      | LMP        K700 -K709
SMP         G621                    | SDC    M   K720          K701
SDC     M   G629          G621      | SDC        K7290         K704
SMP         G721                    | SDC        K740 -K741    K702
SDC         G729          G721      | SDC    M   K746          K703
SDC         G934          G312      | SDC        K759          K701
SMP         I426                    | SDC        K760          K700
SDC         I429          I426   *  | SDC        K769          K709
SMP         K292                    | SDC    M   K85           K860
SDC         K297          K292      | SMP        K860
LMP         K700 -K709              | SDC        K861          K860
SDC     M   K720          K701      | SMP    M   L278
SDC         K7290         K704      | SDC        L309          L278
SDC         K740 -K741    K702      | SDC        R413          F106
SDC     M   K746          K703      | SDC    M   R418          F107
SDC         K759          K701      | LMP        T360 -T509
SDC         K760          K700      |
SDC         K769          K709      |          --- F110  ---
SDC     M   K85           K860      |
SMP         K860                    | LMP        F112
SDC         K861          K860      | LMC        F29           F105
SMP     M   L278                    |
SDC         L309          L278      |          --- F113  ---
SDC         R413          F106      |
SDC     M   R418          F107      | LMC        F059          F114
LMP         T360 -T509              | SMP        F114                  *
                                    |
            --- F109  ---           |          --- F115  ---
                                    |
SMP     M   E244                    | LMP        F112
SMP     M   E52                     |
LDC         F03           F107      |          --- F119  ---
LMC     M   F059          F104      |
SDC     M   F069          F107      | SDC        F03           F117
SMP         F100 -F108              | SDC        F059          F114
```

```
        --- F119  ---          |          --- F139  ---
          CONTINUED            |            CONTINUED
SMP       F110 -F118           | SDC        R418           F137
SDC    M  F220          F115   |
SDC    M  F28  -F29     F115   |          --- F140  ---
SDC    M  F39          F118    |
SDC       F419         F118    | LMP        F142
SDC       R413         F116    | LMC        F29            F135

        --- F120  ---          |          --- F143  ---
                               |
LMP       F122                 | LMC        F059           F144
LMC       F29          F115    | SMP        F144                      *
                               |
        --- F123  ---          |          --- F145  ---
                               |
LMC       F059         F124    | LMP        F142
SMP       F124               * |
                               |          --- F149  ---
        --- F125  ---          |
                               | SDC        F03            F147
LMP       F122                 | SDC        F059           F144
                               | SMP        F140 -F148
        --- F129  ---          | SDC    M  F220            F145
                               | SDC    M  F28  -F29       F145
SDC       F03          F127    | SDC    M  F39             F148
SDC       F059         F124    | SDC        F419           F148
SMP       F120 -F128           | SDC        R413           F146
SDC    M  F220         F125    |
SDC    M  F28  -F29    F125    |          --- F150  ---
SDC    M  F39          F128    |
SDC       F419         F128    | LMP        F152
SDC       R413         F126    | LMC        F29            F145

        --- F130  ---          |          --- F153  ---
                               |
LMP       F132                 | LMC        F059           F154
LMC       F29          F125    | SMP        F154                      *
                               |
        --- F133  ---          |          --- F155  ---
                               |
LMC       F059         F134    | LMP        F152
SMP       F134               * |
                               |          --- F159  ---
        --- F135  ---          |
                               | SDC        F03            F157
LMP       F132                 | SDC        F059           F154
                               | SMP        F150 -F158
        --- F139  ---          | SDC    M  F220            F155
                               | SDC    M  F28  -F29       F155
SDC       F03          F137    | SDC    M  F39             F158
SDC       F059         F134    | SDC        F419           F158
SMP       F130 -F138           | SDC        R413           F156
SDC    M  F220         F135    |
SDC    M  F28  -F29    F135    |          --- F160  ---
SDC    M  F39          F138    |
SDC       F419         F138    | LMP        F162
SDC       R413         F136    | LMC        F29            F165
```

```
                              TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D

           --- F163  ---             |        --- F176 -F178  ---
                                     |             CONTINUED
LMC         F059          F164       | LDP         I200 -I259
SMP         F164                  *  | LDP         J40  -J47
                                     |
            --- F165  ---            |        --- F179  ---
                                     |
LMP         F162                     | LDP         C340 -C349
                                     | SDC         F03          F177
            --- F169  ---            | SDC         F059         F174
                                     | SMP         F170 -F178
SDC         F03          F167        | SDC    M    F220         F175
SDC         F059         F164        | SDC    M    F28  -F29    F175
SMP         F160 -F168               | SDC    M    F39          F178
SDC    M    F220         F165        | SDC         F419         F178
SDC    M    F28  -F29    F165        | LDP         I200 -I259
SDC    M    F39          F168        | LDP         J40  -J47
SDC         F419         F168        | SDC         R413         F176
SDC         R413         F166        |
SDC         R418         F167        |        --- F180  ---
                                     |
           --- F170  ---             | LMP         F182
                                     | LMC         F29          F185
LDP         C340 -C349               |
LMP         F172                     |        --- F183  ---
LMC         F29          F175        |
LDP         I200 -I259               | LMC         F059         F184
LDP         J40  -J47                | SMP         F184                 *
                                     |
         --- F171 -F172  ---         |        --- F185  ---
                                     |
LDP         C340 -C349               | LMP         F182
LDP         I200 -I259               |
LDP         J40  -J47                |        --- F189  ---
                                     |
           --- F173  ---             | SDC         F03          F187
                                     | SDC         F059         F184
LDP         C340 -C349               | SMP         F180 -F188
LMC         F059         F174        | SDC    M    F220         F185
LDP         I200 -I259               | SDC    M    F28  -F29    F185
LDP         J40  -J47                | SDC    M    F39          F188
                                     | SDC         F419         F188
            --- F174  ---            | SDC         R413         F186
                                     |
LDP         C340 -C349               |        --- F190  ---
LDP         I200 -I259               |
LDP         J40  -J47                | LMP         F192
                                     | LMC         F29          F195
            --- F175  ---            |
                                     |        --- F192  ---
LDP         C340 -C349               |
LMP         F172                     | SMP         F112                 *
LDP         I200 -I259               | SMP         F122                 *
LDP         J40  -J47                | SMP         F132                 *
                                     | SMP         F142                 *
         --- F176 -F178  ---         | SMP         F152                 *
                                     | SMP         F162                 *
LDP         C340 -C349               | SMP         F182                 *
```

```
              --- F193  ---           |           --- F29   ---
                                      |               CONTINUED
LMC         F059           F194       | LMP      # B080
SMP         F194                    * | LMP      # B082 -B085
                                      | LMP      # B09  -B279
              --- F195  ---           | LMP      # B330 -B349
                                      | LMP      # B370 -B839
LMP         F192                      | LMP      # B86  -E899
                                      | DSC        F100           F105
              --- F199  ---           | DSC        F102           F105
                                      | SMP      M F105
SDC         F03            F197       | DSC      M F109           F105
SDC         F059           F194       | DSC        F110           F105
SMP      M  F100 -F198                | DS         F115
SDC      M  F220           F195       | DSC        F120           F115
SDC      M  F28  -F29      F195       | DS         F125
SDC      M  F39            F198       | DSC        F130           F125
SDC         F419           F198       | DS       M F135
SDC         R413           F196       | DSC        F140           F135
                                      | DS         F145
              --- F209  ---           | DSC        F150           F145
                                      | DSC        F160           F165
SMP         F200 -F208                | DS       M F165
SDC         F220           F200       | DSC        F170           F175
SDC         F329           F204       | DS       M F175
SDC         F442           F202       | DSC        F180           F185
                                      | DS       M F185
              --- F220  ---           | DSC        F190           F195
                                      | DS       M F195
SMP      M  F105                      | DS       M F302
DSC      M  F109           F105       | DSC        F309           F302
                                      | DSC        F311           F312
              --- F229  ---           | DS       M F312
                                      | DSC        F314           F315
SMP         F220 -F228                | DS       M F315
                                      | DS       M F323
              --- F239  ---           | SDC        F329           F323
                                      | LMP      # G000 -G419
SMP         F230 -F238                | LMP      # G450 -G479
                                      | LMP      # G520 -G529
              --- F259  ---           | LMP      # G580
                                      | LMP      # G588 -G98
SMP         F250 -F258                | LMP      # I00  -I461
                                      | LMP      # I470 -I958
              --- F28   ---           | LMP      # I970 -I979
                                      | LMP      # J010 -J051
SMP      M  F105                      | LMP      # J100 -J22
                                      | LMP      # J310 -J329
              --- F29   ---           | LMP      # J340 -J341
                                      | LMP      # J343 -J348
LMP      # A000 -A310                 | LMP      # J36  -J959
LMP      # A318 -A427                 | LMP      # J961
LMP      # A429 -A599                 | LMP      # J980 -J989
LMP      # A601 -A70                  | LMP      # K120 -K137
LMP      # A748 -B001                 | LMP      # K20  -K929
LMP      # B003 -B004                 | LMP      # L100 -L139
LMP      # B007                       | LMP      # L270 -L279
LMP      # B009 -B068                 | LMP      # L500 -L539
```

```
          --- F29   ---        |          --- F309  ---
            CONTINUED          |
LMP     # L710 -L719           | DS     M  F105
LMP     # L82                  | DSC    M  F109           F105
LMP     # L88  -L89            | LMC       F29            F302
LMP     # L930 -L932           | SMP       F300 -F308
LMP     # L950 -L97            | LDC       R401           F302
LMP     # M000 -M1990          |
LMP     # M300 -M352           |          --- F311  ---
LMP     # M354 -M359           |
LMP     # M410 -M435           | LMC       F29            F312
LMP     # M460 -M479           | SMP       F312
LMP     # M481 -M519           |
LMP     # M610 -M629           |          --- F314  ---
LMP     # M720 -M724           |
LMP     # M728 -M729           | LMC       F29            F315
LMP     # M800 -M949           | SMP       F315
LMP     # M960 -M969           |
LMP     # N000 -N392           |          --- F319  ---
LMP     # N394 -N459           |
LMP     # N480 -N509           | SMP       F310 -F318
LMP     # N61  -N839           |
LMP     # N950 -N959           |          --- F329  ---
LMP     # N980 -N999           |
LMP     # Q000 -Q079           | SMP       F320 -F328
LMP     # Q200 -Q380           | DS        F412
LMP     # Q382 -Q649           | SDC       F419           F412
LMP     # Q750 -Q799           |
LMP     # Q850 -Q999           |          --- F339  ---
LMP     # S010 -S049           |
LMP     # S052 -S057           | SMP       F330 -F338
LMP     # S059 -S099           |
LMP     # S110 -S199           |          --- F349  ---
LMP     # S210 -S299           |
LMP     # S310 -S399           | SMP       F340 -F348
LMP     # S410 -S499           | LMC       F919           F929
LMP     # S510 -S599           |
LMP     # S610 -S699           |          --- F39   ---
LMP     # S710 -S799           |
LMP     # S810 -S899           | SMP    M  F108
LMP     # S910 -T08            | DSC    M  F109           F108
LMP     # T091 -T10            | SMP       F300 -F388
LMP     # T111 -T12            |
LMP     # T131 -T139           |          --- F409  ---
LMP     # T141 -T200           |
LMP     # T202 -T210           | SMP       F400 -F408
LMP     # T212 -T220           |
LMP     # T222 -T230           |          --- F410  ---
LMP     # T232 -T240           |
LMP     # T242 -T250           | LMP       F400
LMP     # T252 -Y899           |
                               |          --- F419  ---
          --- F301  ---        |
                               | SMP    M  F108
SMP       F302                 | DSC       F109           F108
                               | LMC       F329           F412
                               | SMP       F410 -F411
                               | LMP       F412
```

```
            --- F419  ---         |        --- F449  ---
            CONTINUED             |
SMP         F413 -F418            | SDC       F059         F448
                                  | SDC       F239         F448
            --- F429  ---         | SDC       F309         F448
                                  | SDC       F329         F448
LMP         F420 -F421            | SMP       F440 -F448
SMP         F422 -F428            | SDC    M  F453         F444
                                  | SDC       F513         F448
            --- F432  ---         | SDC    M  G255         F444
                                  | SDC       G259         F444
LMP         F940                  | SDC       G819         F444
                                  | SDC       G822         F444
            --- F439  ---         | SDC       G831 -G833   F444
                                  | SDC       G839         F444
SMP         F430 -F438            | SDC    M  H525         F448
                                  | SDC       H530         F446
            --- F440  ---         | SDC    M  H531         F446
                                  | SDC    M  H538         F446
LMC         F441 -F445   F447     | SDC       H539 -H540   F446
DS          F447                  | SDC       H913         F446
                                  | SDC       H919         F446
            --- F441  ---         | SDC       J385         F444
                                  | SDC    M  J387         F448
LMC         F440         F447     | SDC    M  J392         F448
LMC         F442 -F445   F447     | SDC       M245         F444
DS          F447                  | SDC       M436         F444
                                  | SDC       M624         F444
            --- F442  ---         | SDC       R064         F445
                                  | SDC       R068         F445
LMC         F440 -F441   F447     | SDC       R13          F444
LMC         F443 -F445   F447     | SDC       R200         F446
DS          F447                  | SDC       R208         F446
                                  | SDC       R251         F444
            --- F443  ---         | SDC    M  R252         F444
                                  | SDC       R260         F444
LMC         F440 -F442   F447     | SDC       R262 -R268   F444
LMC         F444 -F445   F447     | SDC       R290         F445
DS          F447                  | SDC       R413         F440
                                  | SDC       R418         F443
            --- F444  ---         | SDC       R42          F448
                                  | SDC       R430         F446
LMC         F440 -F443   F447     | SDC       R470         F444
LMC         F445         F447     | SDC       R490 -R491   F444
DS          F447                  | SDC    M  R53          F444
                                  | SDC       R55          F448
            --- F445  ---         | SDC       R568         F445
                                  | SDC       R630         F448
LMC         F440 -F444   F447     | SDC    M  R688         F441
LMC         F446         F447     |
DS          F447                  |        --- F459  ---
                                  |
            --- F446  ---         | SMP       F450 -F458
                                  | SDC    M  R498         F444
DSC         F445         F447     |
DS          F447                  |        --- F489  ---
                                  |
                                  | SMP       F341
```

```
          --- F489  ---          |        --- F70  -F78    ---
          CONTINUED              |
SMP       F400 -F480             | LMP       F841
SDC       F419          F411     | DS        Q000 -Q079
LMP       F481                   |
SMP       F488                   |           --- F79    ---
                                 |
          --- F508  ---          | SMP       F70  -F78
                                 | LMP       F841
DS        F320 -F329             | DS        Q000 -Q079
                                 |
          --- F509  ---          |           --- F809  ---
                                 |
SMP       F500 -F508             | SMP       F800 -F808
                                 |
          --- F519  ---          |           --- F811   ---
                                 |
SMP       F510 -F518             | LMC       F810          F813
                                 |
          --- F529  ---          |           --- F819  ---
                                 |
SMP       F520 -F528             | SMP       F810 -F818
                                 |
          --- F539  ---          |           --- F849  ---
                                 |
SMP       F530 -F538             | SMP       F840 -F848
                                 |
          --- F59   ---          |           --- F89   ---
                                 |
SMP       F500 -F55              | SMP       F800 -F88
                                 |
          --- F609  ---          |           --- F909  ---
                                 |
SMP       F600 -F608             | LMC       F70  -F79    F844
                                 | SMP       F900 -F908
          --- F629   ---         | LMC       F919          F901
                                 |
SMP       F620 -F628             |           --- F919   ---
                                 |
          --- F639   ---         | LMC       F349          F929
                                 | SDC       F909          F901
SMP       F630 -F638             | SMP       F910 -F918
                                 |
          --- F649  ---          |           --- F929   ---
                                 |
SMP       F640 -F648             | SMP       F920 -F928
                                 |
          --- F659  ---          |           --- F939  ---
                                 |
SMP       F650 -F658             | SMP       F930 -F938
                                 |
          --- F669  ---          |           --- F949  ---
                                 |
SMP       F660 -F668             | SMP       F940 -F948
                                 |
          --- F69   ---          |           --- F959  ---
                                 |
SMP       F600 -F688             | SMP       F950 -F958
```

```
        --- F989  ---                |           --- F99   ---
                                     |               CONTINUED
SMP        F900 -F988                | LMC         N61  -N839    F54
                                     | LMC         N950 -N959    F54
        --- F99   ---                | LMC         N980 -N999    F54
                                     | LMC         Q000 -Q079    F54
LMC        A000 -A310    F54         | LMC         Q200 -Q380    F54
LMC        A318 -A427    F54         | LMC         Q382 -Q649    F54
LMC        A429 -A599    F54         | LMC         Q750 -Q799    F54
LMC        A601 -A70     F54         | LMC         Q850 -Q999    F54
LMC        A748 -B001    F54         | LMC         S010 -S049    F54
LMC        B003 -B004    F54         | LMC         S052 -S057    F54
LMC        B007         F54         | LMC         S059 -S099    F54
LMC        B009 -B068    F54         | LMC         S110 -S199    F54
LMC        B080         F54         | LMC         S210 -S299    F54
LMC        B082 -B085    F54         | LMC         S310 -S399    F54
LMC        B09  -B199    F54    *    | LMC         S410 -S499    F54
LMC        B250 -B279    F54    *    | LMC         S510 -S599    F54
LMC        B330 -B349    F54         | LMC         S610 -S699    F54
LMC        B370 -B839    F54         | LMC         S710 -S799    F54
LMC        B86  -E899    F54         | LMC         S810 -S899    F54
SMP        F010 -F989                | LMC         S910 -T08     F54
LMC        G000 -G419    F54         | LMC         T091 -T10     F54
LMC        G450 -G479    F54         | LMC         T111 -T12     F54
LMC        G520 -G529    F54         | LMC         T131 -T139    F54
LMC        G580         F54         | LMC         T141 -T200    F54
LMC        G588 -G98     F54         | LMC         T202 -T210    F54
LMC        I00  -I99     F54         | LMC         T212 -T220    F54
LMC        J010 -J051    F54         | LMC         T222 -T230    F54
LMC        J100 -J22     F54         | LMC         T232 -T240    F54
LMC        J310 -J329    F54         | LMC         T242 -T250    F54
LMC        J340 -J341    F54         | LMC         T252 -Y899    F54
LMC        J343 -J348    F54         |
LMC        J36  -J989    F54         |       --- G000 -G002   ---
LMC        K120 -K137    F54         |
LMC        K20  -K929    F54         | DSC         B24          B201
LMC        L100 -L139    F54         | DSC      M  B572         B574
LMC        L270 -L279    F54         | DS          Q000 -Q079
LMC        L500 -L539    F54         | DSC         R75          B201  *
LMC        L710 -L719    F54         |
LMC        L82          F54         |       --- G003  ---
LMC        L88  -L89     F54         |
LMC        L930 -L932    F54         | DSC      M  B24          B201
LMC        L950 -L97     F54         | DSC      M  B24          B202
LMC        M000 -M1990   F54         | DSC      M  B572         B574
LMC        M300 -M352    F54         | DS          Q000 -Q079
LMC        M354 -M359    F54         | DSC      M  R75          B201  *
LMC        M410 -M435    F54         | DSC      M  R75          B202  *
LMC        M460 -M479    F54         |
LMC        M481 -M519    F54         |       --- G008  ---
LMC        M610 -M629    F54         |
LMC        M720 -M724    F54         | DSC         B24          B201
LMC        M728 -M729    F54         | DSC      M  B572         B574
LMC        M800 -M949    F54         | DS          Q000 -Q079
LMC        M960 -M969    F54         | DSC         R75          B201  *
LMC        N000 -N392    F54         |
LMC        N394 -N459    F54         |
LMC        N480 -N509    F54         |
```

```
                              TABLE E
      MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D

              --- G009  ---            |        --- G031  ---
                                       |              CONTINUED
SMP     M  A010                        | SMP     M  A321
SMP     M  A022                        | SMP        A390
SMP        A170                        | SMP     M  A504
SMP        A203                        | SMP     M  A514
SMP     M  A228                        | SMP     M  A521
SMP     M  A270 -A279                  | SMP     M  A548
SMP     M  A321                        | SMP     M  A692
SMP        A390                        | SMP     M  A809
SMP     M  A504                        | SMP        A870 -A879
SMP     M  A514                        | SMP        B003
SMP     M  A521                        | SMP        B010
SMP     M  A548                        | DSC        B019          B010
SMP     M  A692                        | SMP        B021
DSC        B24            B201         | SMP        B051
DSC     M  B572           B574         | DSC        B059          B051
SMP        G000 -G008                  | SMP     M  B060
DS         Q000 -Q079                  | DSC        B069          B060
DSC        R75            B201  * |      DSC        B24           B208
                                       | SMP        B261
            --- G030  ---              | SMP     M  B270 -B279
                                       | SMP        B375
SMP     M  A809                        | SMP        B384
SMP        A870 -A879                  | SMP     M  B428
SMP        B003                        | SMP     M  B451
SMP        B010                        | SMP     M  B49
DSC        B019          B010          | SMP     M  B560 -B569
SMP        B021                        | DSC     M  B572          B574
SMP        B051                        | SMP     M  B574
DSC        B059          B051          | SMP     M  B832
SMP     M  B060                        | SMP     M  B89
DSC        B069          B060          | SMP        G000 -G030
DSC        B24           B208          | SMP        G032 -G038
SMP        B261                        | DS         Q000 -Q079
SMP     M  B270 -B279                  | DSC        R75           B208  *
SMP        B375                        |
SMP        B384                        |        --- G032  ---
SMP     M  B428                        |
SMP     M  B451                        | SMP     M  A010
SMP     M  B49                         | SMP     M  A022
SMP     M  B560 -B569                  | DSC        A029          A022
DSC     M  B572          B574          | SMP        A170
SMP     M  B574                        | SMP        A203
SMP     M  B832                        | SMP     M  A228
SMP     M  B89                         | SMP     M  A270 -A279
DS         Q000 -Q079                  | SMP     M  A321
DSC        R75           B208  * |      SMP        A390
                                       | SMP     M  A504
            --- G031  ---              | SMP     M  A514
                                       | SMP     M  A521
SMP     M  A010                        | SMP     M  A548
SMP     M  A022                        | SMP     M  A692
DSC        A029          A022          | SMP     M  A809
SMP        A170                        | SMP        A870 -A879
SMP        A203                        | SMP        B003
SMP     M  A228                        | SMP        B010
SMP     M  A270 -A279                  | DSC        B019          B010
```

```
        --- G032  ---             |        --- G039  ---
           CONTINUED              |           CONTINUED
SMP        B021                   | SMP   M  B49
SMP        B051                   | SMP   M  B560 -B569
DSC        B059         B051      | DSC   M  B572          B574
SMP   M    B060                   | SMP   M  B574
DSC        B069         B060      | SMP   M  B832
DSC        B24          B208      | SMP   M  B89
SMP        B261                   | SMP      G000 -G038
SMP   M    B270 -B279             | DSC      J1010         J108
SMP        B375                   | DSC      J1110         J118
SMP        B384                   | DS       Q000 -Q079
SMP   M    B428                   | DSC      R75           B208  *
SMP   M    B451                   |
SMP   M    B49                    |        --- G041  ---
SMP   M    B560 -B569             |
DSC   M    B572         B574      | DSC   M  B572          B574
SMP   M    B574                   |
SMP   M    B832                   |        --- G042  ---
SMP   M    B89                    |
SMP        G000 -G030             | SMP   M  A178
SMP        G038                   | SMP   M  A321
DS         Q000 -Q079             | SMP   M  A398
DSC        R75         B208  *    | SMP   M  A504
                                  | SMP   M  A521
        --- G039  ---             | DSC      B019          B011
                                  | DSC      B059          B050
SMP   M    A010                   | DSC      B069          B060
SMP   M    A022                   | DSC      B24           B201
DSC        A029        A022       | DSC   M  B572          B574
SMP        A170                   | DSC      B589          B582
SMP        A203                   | DS       Q000 -Q079
SMP   M    A228                   | DSC      R75           B201  *
SMP   M    A270 -A279             |
SMP   M    A321                   |        --- G048  ---
SMP        A390                   |
SMP   M    A504                   | DSC      B019          B011
SMP   M    A514                   | DSC      B059          B050
SMP   M    A521                   | DSC      B069          B060
SMP   M    A548                   | DSC      B24           B208
SMP   M    A692                   | DSC   M  B572          B574
SMP   M    A809                   | DSC      B589          B582
SMP        A870 -A879             | DSC      J1010         J108
SMP        B003                   | DSC      J1110         J118
SMP        B010                   | DS       Q000 -Q079
DSC        B019        B010       | DSC      R75           B208  *
SMP        B021                   |
SMP        B051                   |        --- G049  ---
DSC        B059        B051       |
SMP   M    B060                   | SMP   M  A178
DSC        B069        B060       | SMP   M  A321
DSC        B24         B208       | SMP   M  A398
SMP        B261                   | SMP   M  A504
SMP   M    B270 -B279             | SMP   M  A521
SMP        B375                   | SMP      A850 -A858
SMP        B384                   | SMP      B004
SMP   M    B428                   | SMP      B011
SMP   M    B451                   | DSC      B019          B011
```

```
        --- G049  ---         |        --- G062  ---
          CONTINUED           |          CONTINUED
SMP          B020             | DSC    M  R75           B201   *
SMP          B050             | DSC    M  R75           B203   *
DSC          B059      B050   | DSC    M  R75           B208   *
SMP          B060             |
DSC          B069      B060   |        --- G08  -G09   ---
DSC          B24       B208   |
SMP    M     B258            | DSC    M  B24           B201
SMP          B262            | DSC    M  B24           B203
SMP    M     B560 -B569      | DSC    M  B24           B208
DSC    M     B572      B574   | DSC    M  B572          B574
SMP    M     B574            | DSC    M  R75           B201   *
SMP          B582            | DSC    M  R75           B203   *
DSC          B589      B582   | DSC    M  R75           B208   *
SMP    M     B602            |
SMP    M     B832            |        --- G110 -G112   ---
DSC          J1010     J108   |
DSC          J1110     J118   | LMC       G589          G602
SMP    M     M321            |
DS           Q000 -Q079      |        --- G113  ---
DSC          R75       B208 * |
                              | DSC       G119          G602
        --- G060  ---         | LMC       G589          G602
                              |
DSC    M  A061 -A063   A066   |        --- G114 -G118   ---
DSC       A064 -A065   A066   |
SMP       A066               | LMC       G589          G602
DSC    M  A069         A066   |
SMP    M  A178               |        --- G119  ---
SMP    M  A548               |
DSC    M  B24          B201   | SMP       G110 -G118
DSC    M  B24          B203   | LMC       G589          G602
DSC    M  B24          B208   |
DSC    M  B572         B574   |        --- G122 -G1220 ---
SMP    M  B650 -B659         |
DSC    M  R75          B201 * | DS     M  B91
DSC    M  R75          B203 * |
DSC    M  R75          B208 * |        --- G129  ---
                              |
        --- G061  ---         | SMP       G120 -G128
                              |
SMP    M  A178               |        --- G20  -G2000 ---
DSC    M  B24          B201   |
DSC    M  B24          B203   | SMP    M  A521
DSC    M  B24          B208   | LMC       I951          G903
DSC    M  B572         B574   |
DSC    M  R75          B201 * |        --- G218  ---
DSC    M  R75          B203 * |
DSC    M  R75          B208 * | DSC       B24           B220
                              | DSC       R75           B220   *
        --- G062  ---         |
                              |        --- G219  ---
SMP    M  A171               |
DSC    M  B24          B201   | SMP    M  A521
DSC    M  B24          B203   | DSC       B24           B220
DSC    M  B24          B208   | SMP       G210 -G218
DSC    M  B572         B574   | DSC       R75           B220   *
```

```
        --- G239  ---          |        --- G369  ---
                               |          CONTINUED
SMP       G20  -G238           | SMP       G360 -G368
                               | DSC       R75          B220  *
        --- G248  ---          |
                               |        --- G373 -G374   ---
DSC     M  B572         B574   |
                               | DSC    M  B24          B201
        --- G249  ---          | DSC    M  B24          B203
                               | DSC    M  B24          B208
DSC        B24         B220    | DSC    M  R75          B201  *
DSC     M  B572         B574   | DSC    M  R75          B203  *
SMP       G240 -G248           | DSC    M  R75          B208  *
DSC        R75         B220  * |
                               |        --- G379  ---
        --- G250  ---          |
                               | DSC        B24          B220
DSC     M  B572         B574   | SMP       G35  -G378
                               | DSC        R75          B220  *
       --- G252 -G253   ---    |
                               |        --- G400 -G403   ---
DSC     M  B572         B574   |
                               | DSC    M  B572          B574
        --- G255  ---          |
                               |        --- G404 -G406   ---
LMC       I00          I029    |
LMC       I010 -I019   I020    | DSC    M  B572          B574
LMP       I020 -I029           | DS        G800 -G809
LMC       I050 -I099   I020    |
                               |        --- G407  ---
        --- G259  ---          |
                               | DSC    M  B572          B574
DSC        B24         B220    | LMP       G406
DSC     M  B572         B574   | DS        G800 -G809
SMP       G240 -G258           |
DSC        R75         B220  * |        --- G408  ---
                               |
       --- G309 -G3090 ---     | DSC    M  B572          B574
                               | LMP       G401 -G402
SMP       G300 -G308           | DS        G800 -G809
                               |
        --- G318  ---          |        --- G409  ---
                               |
DSC     M  E859         E854   | DSC    M  B572          B574
                               | LMP       G400 -G404
        --- G319  ---          | SMP       G405 -G408
                               | DS        G800 -G809
DSC        B24         B220    | LDC       R42           G408
DSC     M  E859         E854   |
SMP       G300 -G318           |        --- G410 -G418   ---
DSC        J1010       J108    |
DSC        J1110       J118    | DSC    M  B572          B574
DS        Q000 -Q079          | DS        G800 -G809
DSC        R75         B220  * |
                               |        --- G419  ---
        --- G369  ---          |
                               | DSC    M  B572          B574
DSC        B24         B220    | SMP       G410 -G418
```

```
        --- G419  ---          |        --- G522  ---
          CONTINUED            |          CONTINUED
DS        G800 -G809           | LMC      G523          G527
                               | LMC      G528          G527
        --- G439  ---          |
                               |        --- G523  ---
SMP       G430                 |
LMP       G431                 | LMC      G520 -G522    G527
SMP       G432 -G438           | LMC      G528          G527
                               |
        --- G441  ---          |        --- G528  ---
                               |
DSC    M  B572        B574     | LMC      G520 -G523    G527
                               |
     --- G448 -G458  ---       |        --- G529  ---
                               |
DSC    M  B572        B574     | SMP      G500 -G528
                               |
        --- G459  ---          |        --- G547  ---
                               |
DSC    M  B572        B574     | LMC      M796          G546
SMP       G450 -G458           | LMC      R529          G546
                               |
     --- G470 -G473  ---       |        --- G549  ---
                               |
DSC    M  B572        B574     | SMP      G540 -G548
                               |
        --- G478  ---          |        --- G569  ---
                               |
DSC    M  B572        B574     | SMP      G560 -G568
                               |
        --- G479  ---          |     --- G570 -G578  ---
                               |
DSC    M  B572        B574     | DSC    M  B572        B574
SMP       G470 -G478           |
                               |        --- G579  ---
        --- G509  ---          |
                               | DSC    M  B572        B574
SMP       G500 -G508           | SMP      G570 -G578
                               |
        --- G519  ---          |     --- G580 -G588  ---
                               |
SMP       G510 -G518           | DSC    M  B572        B574
                               | DSC      E100 -E103    E107
        --- G520  ---          | DS       E104               *
                               | DSC      E105 -E106    E107
LMC       G521 -G523    G527   | DS       E107               *
LMC       G528          G527   | DSC      E108 -E109    E104  *
                               | DSC      E110 -E113    E117
        --- G521  ---          | DS       E114               *
                               | DSC      E115 -E116    E117
LMC       G520          G527   | DS       E117               *
LMC       G522 -G523    G527   | DSC      E118 -E119    E114  *
LMC       G528          G527   | DSC      E120 -E123    E127
                               | DS       E124               *
        --- G522  ---          | DSC      E125 -E126    E127
                               | DS       E127               *
LMC       G520 -G521    G527   | DSC      E128 -E129    E124  *
```

```
        --- G580 -G588  ---        |        --- G610   ---
              CONTINUED            |
DSC        E130 -E133   E137       |  DSC    M  B24          B201
DS         E134               *    |  DSC    M  B24          B203
DSC        E135 -E136   E137       |  DSC    M  B24          B208
DS         E137               *    |  DSC    M  B572         B574
DSC        E138 -E139   E134  *    |  DSC    M  R75          B201   *
DSC        E140 -E143   E147       |  DSC    M  R75          B203   *
DS         E144               *    |  DSC    M  R75          B208   *
DSC        E145 -E146   E147       |
DS         E147               *    |        --- G618   ---
DSC        E148 -E149   E144  *    |
                                   |  DSC    M  B24          B201
        --- G589   ---             |  DSC    M  B24          B203
                                   |  DSC    M  B24          B208
DSC    M  B24          B201        |  DSC    M  B572         B574
DSC    M  B24          B203        |  DSC    M  R75          B201   *
DSC    M  B24          B208        |  DSC    M  R75          B203   *
DSC    M  B24          B220        |  DSC    M  R75          B208   *
DSC    M  B572         B574        |
DSC       E100 -E103   E107        |        --- G619   ---
DS        E104               *     |
DSC       E105 -E106   E107        |  DSC    M  B24          B201
DS        E107               *     |  DSC    M  B24          B203
DSC       E108 -E109   E104  *     |  DSC    M  B24          B208
DSC       E110 -E113   E117        |  DSC    M  B572         B574
DS        E114               *     |  SMP       G610 -G618
DSC       E115 -E116   E117        |  DSC    M  R75          B208   *
DS        E117               *     |  DSC    M  R75          B201   *
DSC       E118 -E119   E114  *     |  DSC    M  R75          B203   *
DSC       E120 -E123   E127        |
DS        E124               *     |        --- G628   ---
DSC       E125 -E126   E127        |
DS        E127               *     |  DSC    M  B24          B201
DSC       E128 -E129   E124  *     |  DSC    M  B24          B203
DSC       E130 -E133   E137        |  DSC    M  B24          B208
DS        E134               *     |  DSC    M  B24          B220
DSC       E135 -E136   E137        |  DSC    M  B572         B574
DS        E137               *     |  DSC    M  R75          B201   *
DSC       E138 -E139   E134  *     |  DSC    M  R75          B203   *
DSC       E140 -E143   E147        |  DSC    M  R75          B208   *
DS        E144               *     |  DSC    M  R75          B220   *
DSC       E145 -E146   E147        |
DS        E147               *     |        --- G629   ---
DSC       E148 -E149   E144  *     |
LMC       G119         G602        |  DSC    M  B24          B220
SMP       G560 -G588               |  DSC    M  B572         B574
DSC    M  R75          B201   *    |  DSC    M  E100 -E103   E107
DSC    M  R75          B203   *    |  DS        E104
DSC    M  R75          B208   *    |  DSC    M  E105 -E106   E107
DSC    M  R75          B220   *    |  DS        E107               *
                                   |  DSC       E108 -E109   E104  *
        --- G609   ---             |  DSC    M  E110 -E113   E114
                                   |  DS        E114
SMP       G600 -G608               |  DSC    M  E115 -E116   E117
                                   |  DS        E117               *
                                   |  DSC       E118 -E119   E114  *
                                   |  DSC    M  E120 -E123   E127
                                   |
```

```
        --- G629  ---              |        --- G710  ---
            CONTINUED              |
DS          E124                   | LMP         G712
DSC    M E125 -E126    E127        |
DS          E127             *     |        --- G718  ---
DSC         E128 -E129    E124 *   |
DSC    M E130 -E133    E137        | DSC    M E100 -E103    E107 *
DS          E134                   | DS     M E104               *
DSC    M E135 -E136    E137        | DSC    M E105 -E106    E107 *
DS          E137             *     | DS     M E107               *
DSC         E138 -E139    E134 *   | DSC    M E108 -E109    E104 *
DSC    M E140 -E143    E147        | DSC    M E110 -E113    E117 *
DS          E144                   | DS     M E114               *
DSC    M E145 -E146    E147        | DSC    M E115 -E116    E117 *
DS          E147             *     | DS     M E117               *
DSC         E148 -E149    E144 *   | DSC    M E118 -E119    E114 *
DSC         E859          E851     | DSC    M E120 -E123    E127 *
SMP         G600 -G628             | DS     M E124               *
DSC    M M069          M053        | DSC    M E125 -E126    E127 *
DSC    M R75           B220 *      | DS     M E127               *
                                   | DSC    M E128 -E129    E124 *
        --- G64   ---              | DSC    M E130 -E133    E137 *
                                   | DS     M E134               *
DSC         B24          B220      | DSC    M E135 -E136    E137 *
DSC    M B572         B574         | DS     M E137               *
SMP         G600 -G629             | DSC    M E138 -E139    E134 *
DSC         R75          B220 *    | DSC    M E140 -E143    E147 *
                                   | DS     M E144               *
        --- G709  ---              | DSC    M E145 -E146    E147 *
                                   | DS     M E147               *
DSC         E100 -E103    E107     | DSC    M E148 -E149    E144 *
DS          E104             *     |
DSC         E105 -E106    E107     |        --- G719  ---
DS          E107             *     |
DSC         E108 -E109    E104 *   | SMP         G710 -G718
DSC         E110 -E113    E117     |
DS          E114             *     |        --- G729  ---
DSC         E115 -E116    E117     |
DS          E117             *     | DSC         E859          E854
DSC         E118 -E119    E114 *   | SMP         G700 -G728
DSC         E120 -E123    E127     | DSC         M349          M348
DS          E124             *     |
DSC         E125 -E126    E127     |     --- G801 -G808  ---
DS          E127             *     |
DSC         E128 -E129    E124 *   | DS          Q000 -Q079
DSC         E130 -E133    E137     |
DS          E134             *     |        --- G809  ---
DSC         E135 -E136    E137     |
DS          E137             *     | SMC         G249          G803
DSC         E138 -E139    E134 *   | SMP         G800 -G808
DSC         E140 -E143    E147     | SMC         G810 -G819    G802
DS          E144             *     | SMC         G820          G808
DSC         E145 -E146    E147     | SMC         G821          G801
DS          E147             *     | SMC         G822 -G825    G808
DSC         E148 -E149    E144 *   | SMC         G830          G801
SMP         G700 -G708            | SMC         G831 -G833    G808
                                   | DS          Q000 -Q079
                                   | SMC         R270          G804
```

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        --- G810 -G811  ---      |        --- G819  ---
                                 |            CONTINUED
DS      M   A180                 | DSC    M   B572           B574
DS          A390                 | DS     M   B574
DS      M   A398                 | DS     M   B582
DS      M   A521                 | DS         B690
DS      M   A548                 | DS     M   B900
DS      M   A800 -A804           | DS         C700 -C729
DSC         A809          A803   | DS         C793
DS      M   A810 -A819           | DS         D320 -D339
DS          A830 -A89            | DS         D420 -D439
DS          B004                 | DS         G000 -G239
DS          B010 -B011           | DS         G300 -G379
DS          B020 -B021           | DS         G610 -G629
DS          B060                 | DS         G700 -G729
DS          B261 -B262           | SMP        G810 -G811
DS          B375                 | DS         G930 -G938
DS      M   B384                 | DS         G950 -G968
DS          B451                 | DS         G970 -G979
DSC     M   B572          B574   | DS         I600 -I698
DS      M   B574                 | DS     M   M480
DS      M   B582                 | DS         Q000 -Q079
DS          B690                 |
DS      M   B900                 |        --- G820 -G821  ---
DS          C700 -C729           |
DS          C793                 | DSC        A809          A803
DS          D320 -D339           | DSC    M   B572          B574
DS          D420 -D439           | DS     M   B91
DS          G000 -G239           | DS     M   M480
DS          G300 -G379           |
DS          G610 -G629           |        --- G822  ---
DS          G700 -G729           |
DS          G930 -G938           | DS     M   A180
DS          G950 -G968           | DS         A390
DS          G970 -G979           | DS     M   A398
DS          I600 -I698           | DS     M   A521
DS      M   M480                 | DS     M   A548
DS          Q000 -Q079           | DS     M   A800 -A804
                                 | DSC        A809          A803
        --- G819  ---            | DS     M   A810 -A819
                                 | DS         A830 -A89
DS      M   A180                 | DS         B004
DS          A390                 | DS         B010 -B011
DS      M   A398                 | DS         B020 -B021
DS      M   A521                 | DS         B060
DS      M   A548                 | DS         B261 -B262
DS      M   A800 -A804           | DS         B375
DSC         A809          A803   | DS     M   B384
DS      M   A810 -A819           | DS         B451
DS          A830 -A89            | DSC    M   B572          B574
DS          B004                 | DS     M   B574
DS          B010 -B011           | DS     M   B582
DS          B020 -B021           | DS         B690
DS          B060                 | DS     M   B900
DS          B261 -B262           | DS     M   B91
DS          B375                 | DS         C700 -C729
DS      M   B384                 | DS         C793
DS          B451                 | DS         D320 -D339
```

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                               TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


            --- G822  ---           |       --- G830 -G833  ---
               CONTINUED           |          CONTINUED
DS          D420 -D439             | DS     M  A810 -A819
DS          G09                    | DS        A830 -A89
SMP         G820 -G821             | DS        B004
DS          I600 -I698             | DS        B010 -B011
DS     M    M480                   | DS        B020 -B021
                                   | DS        B060
          --- G823 -G824  ---      | DS        B261 -B262
                                   | DS        B375
DSC         A809          A803     | DS     M  B384
DSC    M    B572          B574     | DS        B451
DS     M    B91                    | DSC    M  B572          B574
DS     M    M480                   | DS     M  B574
                                   | DS     M  B582
            --- G825  ---          | DS        B690
                                   | DS     M  B900
DS     M    A180                   | DS     M  B91
DS          A390                   | DS        C700 -C729
DS     M    A398                   | DS        C793
DS     M    A521                   | DS        D320 -D339
DS     M    A548                   | DS        D420 -D439
DS     M    A800 -A804             | DS        G09
DSC         A809          A803     | DS        I600 -I698
DS     M    A810 -A819             | DS     M  M480
DS          A830 -A89              |
DS          B004                   |        --- G834  ---
DS          B010 -B011             |
DS          B020 -B021             | DS     M  A180
DS          B060                   | DS        A390
DS          B261 -B262             | DS     M  A398
DS          B375                   | DS     M  A521
DS     M    B384                   | DS     M  A548
DS          B451                   | DS     M  A800 -A804
DSC    M    B572          B574     | DSC       A809          A803
DS     M    B574                   | DS     M  A810 -A819
DS     M    B582                   | DS        A830 -A89
DS          B690                   | DS        B004
DS     M    B900                   | DS        B010 -B011
DS     M    B91                    | DS        B020 -B021
DS          C700 -C729             | DS        B060
DS          C793                   | DS        B261 -B262
DS          D320 -D339             | DS        B375
DS          D420 -D439             | DS     M  B384
DS          G09                    | DS        B451
SMP         G823 -G824             | DSC    M  B572          B574
DS          I600 -I698             | DS     M  B574
DS     M    M480                   | DS     M  B582
                                   | DS        B690
          --- G830 -G833  ---      | DS     M  B900
                                   | DS     M  B91
DS     M    A180                   | DS        C700 -C729
DS          A390                   | DS        C793
DS     M    A398                   | DS        D320 -D339
DS     M    A521                   | DS        D420 -D439
DS     M    A548                   | DS        G09
DS     M    A800 -A804             | DS        G35  -G379
DSC         A809          A803     | DS        I600 -I698
                        E-136  (11-04)
```

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        --- G834  ---          |       --- G839  ---
            CONTINUED          |           CONTINUED
DS     M  M480                 | DS     M  B24
                               | DS     M  B258
        --- G838  ---          | DS        B261 -B262
                               | DS     M  B268
DS     M  A180                 | DS        B375
DS        A390                 | DS     M  B384
DS     M  A398                 | DS        B451
DS     M  A521                 | DSC    M  B572           B574
DS     M  A548                 | DS     M  B574
DS     M  A800 -A804           | DS     M  B582
DSC       A809        A803     | DS        B690
DS     M  A810 -A819           | DS     M  B900
DS        A830 -A89            | DS     M  B91
DS        B004                 | DS        C700 -C729
DS        B010 -B011           | DS        C793
DS        B020 -B021           | DS     M  C80
DS        B060                 | DS        D320 -D339
DS        B261 -B262           | DS        D420 -D439
DS        B375                 | DS     M  D489
DS     M  B384                 | DS     M  E713
DS        B451                 | DS     M  E750 -E756
DSC    M  B572        B574     | DS        G09  -G239
DS     M  B574                 | DS        G300 -G319
DS     M  B582                 | DS        G540 -G629
DS        B690                 | DS        G700 -G729
DS     M  B900                 | SMP       G810 -G838
DS     M  B91                  | DS        I600 -I698
DS        C700 -C729           | DS        M470 -M471
DS        C793                 | DS     M  M480
DS        D320 -D339           | DS        M500
DS        D420 -D439           | DS        M510
DS        G09                  | DS     M  N188
DS        I600 -I698           | DSC       N19            N188
DS     M  M480                 | DS     M  R75                  *
DS     M  S000 -Y899           |
                               |        --- G909  ---
        --- G839  ---          |
                               | DSC       E100 -E103   E107    *
DS     M  A180                 | DS        E104                 *
DS     M  A328                 | DSC       E105 -E106   E107    *
DS        A390                 | DS        E107                 *
DS     M  A398                 | DSC       E108 -E109   E104    *
DSC    M  A509        A504     | DSC       E110 -E113   E117    *
DS     M  A520 -A521           | DS        E114                 *
DSC    M  A523        A521     | DSC       E115 -E116   E117    *
LMC       A539        A521     | DS        E117                 *
DS     M  A548                 | DSC       E118 -E119   E114    *
DS     M  A800 -A804           | DSC       E120 -E123   E127    *
DSC       A809        A803     | DS        E124                 *
DS     M  A810 -A819           | DSC       E125 -E126   E127    *
DS        A830 -A89            | DS        E127                 *
DS        B003 -B004           | DSC       E128 -E129   E124    *
DS        B010 -B011           | DSC       E130 -E133   E137    *
DS        B020 -B021           | DS        E134                 *
DS     M  B022                 | DSC       E135 -E136   E137    *
DS        B060                 | DS        E137                 *
```

```
          --- G909  ---         |      --- G931  ---
            CONTINUED           |        CONTINUED
DSC         E138 -E139   E134  * | DS         A522 -A523
DSC         E140 -E143   E147  * | DS       M A548
DS          E144              * | DS         A810 -A819
DSC         E145 -E146   E147  * | DS         A830 -A89
DS          E147              * | DS         A922 -A923          *
DSC         E148 -E149   E144  * | DS         B003 -B004
DSC         E859         E854    | DS         B010 -B011
SMP         G900 -G908           | DS         B020 -B022
                                 | DS         B050 -B051
      --- G910 -G912  ---        | DS         B060
                                 | DSC      M B24          B201
SMP       M A504                 | DSC      M B24          B220
DSC       M B24          B220    | DS       M B258
DSC       M B572         B574    | DS         B261 -B262
SMP         Q030 -Q039           | DS         B451
SMP         Q050 -Q054           | DS         B500
DSC       M R75          B220  * | DS       M B560 -B569
                                 | DSC      M B572         B574
        --- G913  ---            | DS         B574
                                 | DS         B582
SMP       M A504                 | DS       M B602
DSC       M B572         B574    | DS       M B650 -B659
SMP         Q030 -Q039           | DS       M B673
SMP         Q050 -Q054           | DS       M B676
                                 | DS       M B679
        --- G918  ---            | DS         B690
                                 | DS       M B832
SMP       M A504                 | DS         B900
DSC       M B24          B220    | DS       M B91  -B92
DSC       M B572         B574    | DS         B941
SMP         Q030 -Q039           | DS         C700 -C729
SMP         Q050 -Q054           | DS         C793 -C794
DSC       M R75          B220  * | DS       M C80  -C859
                                 | DS       M D036
        --- G919  ---            | DS       M D099
                                 | DS         D320 -D339
SMP       M A504                 | DS         D420 -D439
DSC       M B24          B220    | DS       M D489
DSC       M B572         B574    | DS         E104
SMP         G910 -G918           | DS         E114
SMP         Q030 -Q039           | DS         E124
SMP         Q050 -Q054           | DS         E134
DSC       M R75          B220  * | DS         E144
                                 | DS       M E200 -E213
        --- G931  ---            | DS         E538
                                 | DS       M E740
DS          A066                 | DS       M E750 -E756
DS          A170 -A179           | DS       M E850 -E859
DS        M A188                 | DS         G000 -G319
DS          A321                 | DS         G400 -G419
DS        M A328                 | DS         G610 -G619
DS          A390                 | DS         G700 -G809
DS        M A398                 | DS         G910 -G919
DS          A504                 | DS         G960 -G968
DS        M A514                 | DS         G970 -G979
DS        M A520 -A521           | DS         I600 -I698
```

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           --- G931  ---              |           --- G932  ---
              CONTINUED               |              CONTINUED
DS      M  J108                       | DS      M  B676
DS      M  J118                       | DS      M  B679
DS      M  M050 -M069                 | DS         B690
DS      M  M321                       | DS      M  B832
DS      M  M348                       | DS         B900
DS      M  M350                       | DS      M  B91  -B92
DS      M  M470 -M471                 | DS         B941
DS      M  M500                       | DS         C700 -C729
DS      M  M510                       | DS         C793 -C794
DS         Q000 -Q079                 | DS      M  C80  -C859
DSC     M  R75          B201  * | DS      M  D036
DSC     M  R75          B220  * | DS      M  D099
DS         S000 -S049                 | DS         D320 -D339
DS         S060 -S299                 | DS         D420 -D439
DS         T200 -T207                 | DS      M  D489
DS         T270 -T289                 | DS         E104
DS         T360 -T659                 | DS         E114
DS         T71                        | DS         E124
DS         T750 -T789                 | DS         E134
DS         T981                       | DS         E144
                                      | DS      M  E200 -E213
                                      | DS         E538
           --- G932  ---              | DS      M  E740
                                      | DS      M  E750 -E756
DS         A066                       | DS      M  E850 -E859
DS         A170 -A179                 | DS         G000 -G319
DS      M  A188                       | DS         G400 -G419
DS         A321                       | DS         G610 -G619
DS      M  A328                       | DS         G700 -G809
DS         A390                       | DS         G960 -G968
DS      M  A398                       | DS         G970 -G979
DS         A504                       | DS         I600 -I698
DS      M  A514                       | DS      M  J108
DS      M  A520 -A521                 | DS      M  J118
DS         A522 -A523                 | DS      M  M050 -M069
DS      M  A548                       | DS      M  M321
DS         A810 -A819                 | DS      M  M348
DS         A830 -A89                  | DS      M  M350
DS         A922                       | DS      M  M470 -M471
DS         B003 -B004                 | DS      M  M500
DS         B010 -B011                 | DS      M  M510
DS         B020 -B022                 | DS         Q000 -Q079
DS         B050 -B051                 | DSC     M  R75          B201  *
DS         B060                       | DSC     M  R75          B220  *
DSC     M  B24          B201   | DS         S000 -S049
DSC     M  B24          B220   | DS         S060 -S299
DS      M  B258                       | DS         T200 -T207
DS         B261 -B262                 | DS         T270 -T289
DS         B451                       | DS         T360 -T659
DS         B500                       | DS         T780 -T789
DS      M  B560 -B569                 |
DSC     M  B572         B574   |           --- G933  ---
DS         B574                       |
DS         B582                       | DSC        B24          B220
DS      M  B602                       | DSC        R75          B220  *
DS      M  B650 -B659                 |
DS      M  B673                       |
```

```
            --- G934  ---              |           --- G934  ---
                                       |               CONTINUED
DS          A066                       | DS      M  E750 -E756
DS          A170 -A179                 | DS      M  E850 -E859
DS      M   A188                       | DS         G000 -G319
DS          A321                       | DS         G400 -G419
DS      M   A328                       | DS         G610 -G619
DS          A390                       | DS         G700 -G809
DS      M   A398                       | DS         G960 -G968
DS          A504                       | DS         G970 -G979
DS      M   A514                       | DS         I600 -I698
DS      M   A520 -A521                 | DSC        J1010        J108
DS          A522 -A523                 | DS      M  J108
DS      M   A548                       | DSC        J1110        J118
DS          A810 -A819                 | DS      M  J118
DS          A830 -A89                  | DS      M  M050 -M069
DS          A922                       | DS      M  M321
DS          B003 -B004                 | DS      M  M348
DS          B010 -B011                 | DS      M  M350
DS          B020 -B022                 | DS      M  M470 -M471
DS          B050 -B051                 | DS      M  M500
DS          B060                       | DS      M  M510
DSC     M   B24          B201          | DS         Q000 -Q079
DSC     M   B24          B220          | DSC     M  R75          B201  *
DS      M   B258                       | DSC     M  R75          B220  *
DS          B261 -B262                 |
DS          B451                       |           --- G935  ---
DS          B500                       |
DS      M   B560 -B569                 | DS         A066
DSC     M   B572         B574          | DS         A170 -A179
DS          B574                       | DS      M  A188
DS          B582                       | DS         A321
DS      M   B602                       | DS      M  A328
DS      M   B650 -B659                 | DS         A390
DS      M   B673                       | DS      M  A398
DS      M   B676                       | DS         A504
DS      M   B679                       | DS      M  A514
DS          B690                       | DS      M  A520 -A521
DS      M   B832                       | DS         A522 -A523
DS          B900                       | DS      M  A548
DS      M   B91  -B92                  | DS         A810 -A819
DS          B941                       | DS         A830 -A89
DS          C700 -C729                 | DS         A922
DS          C793 -C794                 | DS         B003 -B004
DS      M   C80  -C859                 | DS         B010 -B011
DS      M   D036                       | DS         B020 -B022
DS      M   D099                       | DS         B050 -B051
DS          D320 -D339                 | DS         B060
DS          D420 -D439                 | DSC     M  B24          B201
DS      M   D489                       | DSC     M  B24          B220
DS          E104                       | DS      M  B258
DS          E114                       | DS         B261 -B262
DS          E124                       | DS         B451
DS          E134                       | DS         B500
DS          E144                       | DS      M  B560 -B569
DS      M   E200 -E213                 | DSC     M  B572         B574
DS          E538                       | DS         B574
DS      M   E740                       | DS         B582
```

```
          --- G935  ---              |          --- G936  ---
               CONTINUED             |
DS     M  B602                       | DS          A066
DS     M  B650 -B659                 | DS          A170 -A179
DS     M  B673                       | DS     M    A188
DS     M  B676                       | DS          A321
DS     M  B679                       | DS     M    A328
DS        B690                       | DS          A390
DS     M  B832                       | DS     M    A398
DS        B900                       | DS          A504
DS     M  B91  -B92                  | DS     M    A514
DS        B941                       | DS     M    A520 -A521
DS        C700 -C729                 | DS          A522 -A523
DS        C793 -C794                 | DS     M    A548
DS     M  C80  -C859                 | DS          A810 -A819
DS     M  D036                       | DS          A830 -A89
DS     M  D099                       | DS          A922
DS        D320 -D339                 | DS          B003 -B004
DS        D420 -D439                 | DS          B010 -B011
DS     M  D489                       | DS          B020 -B022
DS        E104                       | DS          B050 -B051
DS        E114                       | DS          B060
DS        E124                       | DSC    M    B24              B201
DS        E134                       | DSC    M    B24              B220
DS        E144                       | DS     M    B258
DS     M  E200 -E213                 | DS          B261 -B262
DS        E538                       | DS          B451
DS     M  E740                       | DS          B500
DS     M  E750 -E756                 | DS     M    B560 -B569
DS     M  E850 -E859                 | DSC    M    B572             B574
DS        G000 -G319                 | DS          B574
DS        G400 -G419                 | DS          B582
DS        G610 -G619                 | DS     M    B602
DS        G700 -G809                 | DS     M    B650 -B659
DS        G960 -G968                 | DS     M    B673
DS        G970 -G979                 | DS     M    B676
DS        I600 -I698                 | DS     M    B679
DS     M  J108                       | DS          B690
DS     M  J118                       | DS     M    B832
DS     M  M050 -M069                 | DS          B900
DS     M  M321                       | DS     M    B91  -B92
DS     M  M348                       | DS          B941
DS     M  M350                       | DS          C700 -C729
DS     M  M470 -M471                 | DS          C793 -C794
DS     M  M500                       | DS     M    C80  -C859
DS     M  M510                       | DS     M    D036
DS        Q000 -Q079                 | DS     M    D099
DSC    M  R75            B201  *     | DS          D320 -D339
DSC    M  R75            B220  *     | DS          D420 -D439
DS        S000 -S049                 | DS     M    D489
DS        S060 -S299                 | DS          E104
DS        T200 -T207                 | DS          E114
DS        T270 -T289                 | DS          E124
DS        T360 -T659                 | DS          E134
DS        T780 -T789                 | DS          E144
DS        T900 -T909                 | DS     M    E200 -E213
DS     M  T910 -T919                 | DS          E538
                                     | DS     M    E740
```

```
          --- G936  ---            |       --- G938  ---
            CONTINUED              |         CONTINUED
DS      M   E750 -E756             | DS      M   B258
DS      M   E850 -E859             | DS          B261 -B262
DS          G000 -G319             | DS          B451
DS          G400 -G419             | DS          B500
DS          G610 -G619             | DS      M   B560 -B569
DS          G700 -G809             | DSC     M   B572          B574
DS          G960 -G968             | DS          B574
DS          G970 -G979             | DS          B582
DS          I600 -I698             | DS      M   B602
DS      M   J108                   | DS      M   B650 -B659
DS      M   J118                   | DS      M   B673
DS      M   M050 -M069             | DS      M   B676
DS      M   M321                   | DS      M   B679
DS      M   M348                   | DS          B690
DS      M   M350                   | DS      M   B832
DS      M   M470 -M471             | DS          B900
DS      M   M500                   | DS      M   B91  -B92
DS      M   M510                   | DS          B941
DS          Q000 -Q079             | DS          C700 -C729
DSC     M   R75         B201   *   | DS          C793 -C794
DSC     M   R75         B220   *   | DS      M   C80  -C859
DS          S000 -S049             | DS      M   D036
DS          S060 -S299             | DS      M   D099
DS          T200 -T207             | DS          D320 -D339
DS          T270 -T289             | DS          D420 -D439
DS          T360 -T659             | DS      M   D489
DS          T780 -T789             | DS          E104
                                   | DS          E114
          --- G937  ---            | DS          E124
                                   | DS          E134
DS          Y451                   | DS          E144
                                   | DS      M   E200 -E213
          --- G938  ---            | DS          E538
                                   | DS      M   E740
DS          A066                   | DS      M   E750 -E756
DS          A170 -A179             | DS      M   E850 -E859
DS      M   A188                   | DS          G000 -G319
DS          A321                   | DS          G400 -G419
DS      M   A328                   | DS          G610 -G619
DS          A390                   | DS          G700 -G809
DS      M   A398                   | DS          G960 -G968
DS          A504                   | DS          G970 -G979
DS      M   A514                   | DS          I600 -I698
DS      M   A520 -A521             | DS      M   J108
DS          A522 -A523             | DS      M   J118
DS      M   A548                   | DS      M   M050 -M069
DS          A810 -A819             | DS      M   M321
DS          A830 -A89              | DS      M   M348
DS          A922                   | DS      M   M350
DS          B003 -B004             | DS      M   M470 -M471
DS          B010 -B011             | DS      M   M500
DS          B020 -B022             | DS      M   M510
DS          B050 -B051             | DS          Q000 -Q079
DS          B060                   | DSC     M   R75         B201   *
DSC     M   B24         B201       | DSC     M   R75         B220   *
DSC     M   B24         B220       | DS          T900 -T919
```

```
      --- G939 ---            |        --- G939  ---
                              |            CONTINUED
SMP    M  A010                | SMP    M  I600 -I698
SMP    M  A022                | SMP    M  J108
SMP       A066                | SMP    M  J118
SMP       A170 -A171          | SMP    M  M321
SMP    M  A178                | SMP       Q000 -Q059
SMP    M  A228                | DSC       R75          B220    *
SMP    M  A270 -A279          |
SMP       A321                |        --- G951 -G958  ---
SMP       A390                |
SMP    M  A398                | DSC    M  B24          B220
SMP    M  A428                | DSC    M  B572         B574
SMP    M  A504                | DSC    M  R75          B220    *
SMP    M  A514                |
SMP    M  A521                |        --- G959  ---
SMP    M  A548                |
SMP    M  A692                | SMP    M  A178
SMP    M  A800 -A89           | SMP    M  A321
SMP    M  A922                | SMP    M  A398
SMP       B003 -B004          | SMP    M  A504
SMP       B010 -B011          | SMP    M  A521
SMP       B020 -B021          | SMP    M  A850 -A851
SMP       B050 -B051          | SMP    M  B004
SMP    M  B060                | SMP    M  B011
DSC       B24          B220   | SMP    M  B020
SMP    M  B258                | SMP    M  B050
SMP       B261 -B262          | SMP    M  B060
SMP    M  B270 -B279          | DSC    M  B24          B220
SMP       B375                | SMP    M  B262
SMP       B384                | SMP    M  B560 -B569
SMP       B451                | DSC    M  B572         B574
SMP    M  B49                 | SMP    M  B574
SMP    M  B560 -B569          | SMP    M  B582
DSC    M  B572         B574   | SMP    M  B602
SMP    M  B574                | SMP    M  B832
SMP       B582                | SMP       C720
SMP    M  B602                | SMP    M  C793
SMP    M  B650 -B659          | SMP    M  C810 -C97
SMP    M  B719                | SMP       D334
SMP    M  B75                 | SMP       D434
SMP    M  B832                | SMP    M  E538
SMP    M  B89                 | SMP       G120 -G129
SMP       C700                | SMP    M  G370 -G379
SMP       C710 -C719          | SMP       G540 -G629
SMP       C793                | SMP       G700 -G729
SMP    M  C810 -C97           | SMP       G900 -G909
SMP       D320                | SMP       G950 -G958
SMP       D330 -D333          | SMP    M  J108
SMP       D420                | SMP    M  J118
SMP       D430 -D433          | SMP    M  M321
SMP       G000 -G062          | DSC    M  M478 -M479   M471
SMP    M  G08  -G09           | SMP    M  M500
SMP       G10  -G119          | DSC    M  M502 -M509   M500
SMP       G20  -G529          | SMP    M  M510
SMP       G800 -G833          | DSC    M  M512 -M513   M510
SMP       G838 -G839          | DSC    M  M518 -M519   M510
SMP       G910 -G938          | SMP       Q050 -Q069
```

MODIFICATION: SELECTION RULE 3, MODIFICATION RULES A, C, AND D

```
          --- G959  ---        |          --- G98   ---
            CONTINUED          |            CONTINUED
DSC    M  R75           B220 * | DSC      E105 -E106    E107 *
                              | DS       E107                *
          --- G960  ---        | DSC      E108 -E109    E104 *
                              | DSC      E110 -E113    E117 *
DSC       B24           B220   | DS       E114                *
DSC    M  B572          B574   | DSC      E115 -E116    E117 *
DSC       R75           B220 * | DS       E117                *
                              | DSC      E118 -E119    E114 *
          --- G961  ---        | DSC      E120 -E123    E127 *
                              | DS       E124                *
DSC       B24           B220   | DSC      E125 -E126    E127 *
DSC       R75           B220 * | DS       E127                *
                              | DSC      E128 -E129    E124 *
          --- G968  ---        | DSC      E130 -E133    E137 *
                              | DS       E134                *
DSC       B24           B220   | DSC      E135 -E136    E137 *
DSC    M  B572          B574   | DS       E137                *
DSC       R75           B220 * | DSC      E138 -E139    E134 *
                              | DSC      E140 -E143    E147 *
          --- G969  ---        | DS       E144                *
                              | DSC      E145 -E146    E147 *
DSC       B24           B220   | DS       E147                *
DSC    M  B572          B574   | DSC      E148 -E149    E144 *
SMP       G000 -G529          | SMP      G000 -G969
SMP       G800 -G968          | SMP      Q000 -Q079
DSC       R75           B220 * | DSC      R75           B220 *

       --- G970 -G971  ---     |          --- H019  ---

DS     M  Y848                | SMP      H000 -H018

          --- G972  ---        |          --- H029  ---

DS        Y831 -Y832          | SMP      H000 -H028

       --- G978 -G979  ---     |          --- H049  ---

DS        Y600 -Y849          | SMP      H040 -H048
DS        Y881                |
DS        Y883                |       --- H050 -H058  ---

          --- G98   ---        | DSC    M  B24           B201
                              | DSC    M  B24           B203
DSC       B24           B220   | DSC    M  B24           B208
DSC    M  B572          B574   | DSC    M  B24           B238
SMP       C470 -C479          | DSC    M  R75           B201 *
SMP       C700 -C729          | DSC    M  R75           B203 *
SMP       C793 -C794          | DSC    M  R75           B208 *
SMP    M  C798                | DSC    M  R75           B238 *
SMP    M  C810 -C97           |
SMP       D320 -D339          |          --- H059  ---
SMP       D361                |
SMP       D420 -D439          | DSC    M  B24           B201
SMP       D482                | DSC    M  B24           B203
DSC       E100 -E103    E107 * | DSC    M  B24           B208
DS        E104                * | DSC    M  B24           B238
```

```
        --- H059  ---              |        --- H159  ---
          CONTINUED                |
SMP       H050 -H058               | SMP       H150 -H158
DSC    M  R75          B201   * |
DSC    M  R75          B203   * |        --- H160  ---
DSC    M  R75          B208   * |
DSC    M  R75          B238   * | DSC       B059          B058
                                 | DSC       E509          E503
      --- H100 -H108  ---         |
                                 |        --- H161  ---
SMP       A185                    |
SMP       A211                    | DSC       B059          B058
SMP    M  A368                    | LMC       H100 -H109    H162
SMP    M  A398                    |
SMP    M  A527                    |    --- H162 -H164  ---
SMP       A543                    |
SMP    M  A711                    | DSC       B059          B058
SMP       A740                    |
SMP       B005                    |        --- H168  ---
SMP       B023                    |
SMP       B301 -B309              | DSC       B059          B058
SMP    M  B601                    | DSC    M  E509          E504
SMP    M  B740 -B749              |
SMP    M  B89                     |        --- H169  ---
DSC       H161         H162       |
SMP    M  L120 -L129              | DSC       B059          B058
SMP    M  L710 -L719              | SMP       H160 -H168
                                 |
        --- H109  ---              |        --- H178  ---
                                 |
SMP       A185                    | DSC    M  E509          E506
SMP       A211                    |
SMP    M  A368                    |        --- H179  ---
SMP    M  A398                    |
SMP    M  A527                    | LMC    M  E507          H178
SMP       A543                    | SMP       H170 -H178
SMP    M  A711                    |
SMP       A740                    |        --- H184  ---
SMP       B005                    |
SMP       B023                    | DSC    M  E509          E504
SMP       B301 -B309              |
SMP    M  B601                    |        --- H188  ---
SMP    M  B740 -B749              |
SMP    M  B89                     | DSC    M  E509          E502
SMP       H100 -H108              | LMP    M  H160
DSC       H161         H162       |
SMP    M  L120 -L129              |        --- H189  ---
SMP    M  L710 -L719              |
                                 | SMP       H160 -H188
        --- H111  ---              |
                                 |    --- H200 -H201   ---
DSC    M  E509         E501       |
                                 | DSC       B589          B580
        --- H119  ---              | DSC       E100 -E102    E107
                                 | DS        E103                 *
SMP       H100 -H118              | DSC       E104 -E106    E107
                                 | DS        E107                 *
                                 | DSC       E108 -E109    E103   *
```

```
                                    TABLE E
             MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


            --- H200 -H201  ---         |        --- H209  ---
                    CONTINUED           |
DSC         E110 -E112   E117           | DSC         B589              B580
DS          E113                      * | DSC         E100 -E102   E107
DSC         E114 -E116   E117           | DS          E103                        *
DS          E117                      * | DSC         E104 -E106   E107
DSC         E118 -E119   E113  *         | DS          E107                        *
DSC         E120 -E122   E127           | DSC         E108 -E109   E103   *
DS          E123                      * | DSC         E110 -E112   E117
DSC         E124 -E126   E127           | DS          E113                        *
DS          E127                      * | DSC         E114 -E116   E117
DSC         E128 -E129   E123  *         | DS          E117                        *
DSC         E130 -E132   E137           | DSC         E118 -E119   E113   *
DS          E133                      * | DSC         E120 -E122   E127
DSC         E134 -E136   E137           | DS          E123                        *
DS          E137                      * | DSC         E124 -E126   E127
DSC         E138 -E139   E133  *         | DS          E127                        *
DSC         E140 -E142   E147           | DSC         E128 -E129   E123   *
DS          E143                      * | DSC         E130 -E132   E137
DSC         E144 -E146   E147           | DS          E133                        *
DS          E147                      * | DSC         E134 -E136   E137
DSC         E148 -E149   E143  *         | DS          E137                        *
                                        | DSC         E138 -E139   E133   *
            --- H202  ---                | DSC         E140 -E142   E147
                                        | DS          E143                        *
DSC         B589         B580           | DSC         E144 -E146   E147
                                        | DS          E147                        *
            --- H208  ---                | DSC         E148 -E149   E143   *
                                        | SMP         H200 -H208
DSC         B589         B580           | LDC         H409              H404
DSC         E100 -E102   E107           | LDC         L929              H201
DS          E103                      * |
DSC         E104 -E106   E107           |        --- H211  ---
DS          E107                      * |
DSC         E108 -E109   E103  *         | LDP     M  H405
DSC         E110 -E112   E117           |
DS          E113                      * |        --- H219  ---
DSC         E114 -E116   E117           |
DS          E117                      * | SMP         H200 -H218
DSC         E118 -E119   E113  *         |
DSC         E120 -E122   E127           |        --- H259  ---
DS          E123                      * |
DSC         E124 -E126   E127           | SMP         H250 -H258
DS          E127                      * |
DSC         E128 -E129   E123  *         |        --- H268  ---
DSC         E130 -E132   E137           |
DS          E133                      * | DSC         H409              H401
DSC         E134 -E136   E137           |
DS          E137                      * |        --- H269  ---
DSC         E138 -E139   E133  *         |
DSC         E140 -E142   E147           | DSC         E100 -E102   E107
DS          E143                      * | DS          E103
DSC         E144 -E146   E147           | DSC         E104 -E106   E107
DS          E147                      * | DS          E107
DSC         E148 -E149   E143  *         | DSC         E108 -E109   E103   *
                                        | DSC         E110 -E112   E117
                                        | DS          E113
                                        | DSC         E114 -E116   E117
```

```
        --- H269  ---           |        --- H300  ---
          CONTINUED             |          CONTINUED
DS        E117                  | DSC       E140 -E142   E147
DSC       E118 -E119   E113  * | DS        E143                 *
DSC       E120 -E122   E127     | DSC       E144 -E146   E147
DS        E123                  | DS        E147
DSC       E124 -E126   E127     | DSC       E148 -E149   E143  *
DS        E127                  | SMP       H355
DSC       E128 -E129   E123  * | SMP    M  I708
DSC       E130 -E132   E137     | SMP    M  N188
DS        E133                  |
DSC       E134 -E136   E137     |        --- H301 -H302  ---
DS        E137                  |
DSC       E138 -E139   E133  * | SMP       A185
DSC       E140 -E142   E147     | SMP    M  A300 -A309
DS        E143                  | SMP    M  A500
DSC       E144 -E146   E147     | SMP    M  A514
DS        E147                  | SMP    M  A521
SMP       H250 -H268           | SMP    M  A527
                                | SMP    M  B399
        --- H271  ---           | SMP       B580
                                | DSC       E100 -E102   E107
LDP       H405                  | DS        E103                 *
                                | DSC       E104 -E106   E107
        --- H279  ---           | DS        E107
                                | DSC       E108 -E109   E103  *
SMP       H250 -H278           | DSC       E110 -E112   E117
                                | DS        E113                 *
        --- H300  ---           | DSC       E114 -E116   E117
                                | DS        E117
SMP       A185                  | DSC       E118 -E119   E113  *
SMP    M  A300 -A309            | DSC       E120 -E122   E127
SMP    M  A500                  | DS        E123                 *
SMP    M  A514                  | DSC       E124 -E126   E127
SMP    M  A521                  | DS        E127
SMP    M  A527                  | DSC       E128 -E129   E123  *
SMP    M  B399                  | DSC       E130 -E132   E137
SMP       B580                  | DS        E133                 *
DSC       E100 -E102   E107     | DSC       E134 -E136   E137
DS        E103                 * | DS        E137
DSC       E104 -E106   E107     | DSC       E138 -E139   E133  *
DS        E107                  | DSC       E140 -E142   E147
DSC       E108 -E109   E103  * | DS        E143                 *
DSC       E110 -E112   E117     | DSC       E144 -E146   E147
SMP       E113                  | DS        E147
DSC       E114 -E116   E117     | DSC       E148 -E149   E143  *
DS        E117                  | SMP       H355
DSC       E118 -E119   E113  * | SMP    M  I708
DSC       E120 -E122   E127     | SMP    M  N188
SMP       E123                  |
DSC       E124 -E126   E127     |        --- H308  ---
DS        E127                  |
DSC       E128 -E129   E123  * | DSC       E100 -E102   E107
DSC       E130 -E132   E137     | DS        E103
DS        E133                 * | DSC       E104 -E106   E107
DSC       E134 -E136   E137     | DS        E107
DS        E137                  | DSC       E108 -E109   E103  *
DSC       E138 -E139   E133  * | DSC       E110 -E112   E117
```

```
           --- H308  ---            |        --- H309  ---
             CONTINUED              |          CONTINUED
DS           E113                   | SMP        H355
DSC          E114 -E116    E117     | SMP     M  I708
DS           E117                   | SMP     M  N188
DSC          E118 -E119    E113  * |
DSC          E120 -E122    E127     |        --- H319  ---
DS           E123                   |
DSC          E124 -E126    E127     | SMP        H300 -H318
DS           E127                   |
DSC          E128 -E129    E123  * |        --- H332  ---
DSC          E130 -E132    E137     |
DS           E133                   | SMP        H330 -H331
DSC          E134 -E136    E137     | LMC        H333         H330
DS           E137                   | DSC        H352         H334
DSC          E138 -E139    E133  * |
DSC          E140 -E142    E147     |        --- H333  ---
DS           E143                   |
DSC          E144 -E146    E147     | LMC        H332         H330
DS           E147                   |
DSC          E148 -E149    E143  * |        --- H348  ---
                                    |
           --- H309  ---            | LDP        H405
                                    |
SMP          A185                   |        --- H349  ---
SMP     M    A300 -A309             |
SMP     M    A500                   | SMP        H340 -H348
SMP     M    A514                   |
SMP     M    A521                   |        --- H350  ---
SMP     M    A527                   |
SMP     M    B399                   | DSC        E100 -E102    E107
SMP          B580                   | DS         E103
DSC          E100 -E102    E107     | DSC        E104 -E106    E107
DS           E103                 * | DS         E107
DSC          E104 -E106    E107     | DSC        E108 -E109    E103  *
DS           E107                   | DSC        E110 -E112    E117
DSC          E108 -E109    E103  * | DS         E113
DSC          E110 -E112    E117     | DSC        E114 -E116    E117
DS           E113                 * | DS         E117
DSC          E114 -E116    E117     | DSC        E118 -E119    E113  *
DS           E117                   | DSC        E120 -E122    E127
DSC          E118 -E119    E113  * | DS         E123
DSC          E120 -E122    E127     | DSC        E124 -E126    E127
DS           E123                 * | DS         E127
DSC          E124 -E126    E127     | DSC        E128 -E129    E123  *
DS           E127                   | DSC        E130 -E132    E137
DSC          E128 -E129    E123  * | DS         E133
DSC          E130 -E132    E137     | DSC        E134 -E136    E137
DS           E133                 * | DS         E137
DSC          E134 -E136    E137     | DSC        E138 -E139    E133  *
DS           E137                   | DSC        E140 -E142    E147
DSC          E138 -E139    E133  * | DS         E143
DSC          E140 -E142    E147     | DSC        E144 -E146    E147
DS           E143                 * | DS         E147
DSC          E144 -E146    E147     | DSC        E148 -E149    E143  *
DS           E147                   | LMC        P070 -P073    H351
DSC          E148 -E149    E143  * |
SMP          H300 -H308             |
```

```
        --- H352  ---           |       --- H441 -H448   ---

LMC        H332         H334     | DSC    M  B24           B201
                                 | DSC    M  B24           B203
           --- H356  ---         | DSC    M  B24           B208
                                 | DSC    M  B24           B238
DSC        E100 -E102   E107     | DSC    M  R75           B201    *
DS         E103               *  | DSC    M  R75           B203    *
DSC        E104 -E106   E107     | DSC    M  R75           B208    *
DS         E107               *  | DSC    M  R75           B238    *
DSC        E108 -E109   E103  *  |
DSC        E110 -E112   E117     |        --- H449  ---
DS         E113               *  |
DSC        E114 -E116   E117     | DSC    M  B24           B201
DS         E117               *  | DSC    M  B24           B203
DSC        E118 -E119   E113  *  | DSC    M  B24           B208
DSC        E120 -E122   E127     | DSC    M  B24           B238
DS         E123               *  | SMP       H440 -H448
DSC        E124 -E126   E127     | DSC    M  R75           B201    *
DS         E127               *  | DSC    M  R75           B203    *
DSC        E128 -E129   E123  *  | DSC    M  R75           B208    *
DSC        E130 -E132   E137     | DSC    M  R75           B238    *
DS         E133               *  |
DSC        E134 -E136   E137     |        --- H477  ---
DS         E137               *  |
DSC        E138 -E139   E133  *  | SMP       H46  -H476
DSC        E140 -E142   E147     |
DS         E143               *  |        --- H499  ---
DSC        E144 -E146   E147     |
DS         E147               *  | DSC       E100 -E102   E107   *
DSC        E148 -E149   E143  *  | DSC       E104 -E106   E107   *
                                 | DSC       E109         E103   *
           --- H359  ---         | DSC       E110 -E112   E117   *
                                 | DSC       E114 -E116   E117   *
SMP        H330 -H358            | DSC       E119         E113   *
                                 | DSC       E120 -E122   E127   *
           --- H409  ---         | DSC       E124 -E126   E127   *
                                 | DSC       E129         E123   *
LMC        H268         H401     | DSC       E130 -E132   E137   *
SMP        H400 -H408            | DSC       E134 -E136   E137   *
                                 | DSC       E139         E133   *
           --- H439  ---         | DSC       E140 -E142   E147   *
                                 | DSC       E144 -E146   E147   *
SMP        H430 -H438            | DSC       E149         E143   *
                                 | SMP       H490 -H498
           --- H440  ---         |
                                 |        --- H509  ---
DSC    M  B24           B201     |
DSC    M  B24           B203     | SMP       H500 -H505
DSC    M  B24           B208     | LMP       H506
DSC    M  B24           B238     | SMP       H508
DSC       B699         B691      |
LDC       H409         H404      |        --- H519  ---
DSC    M  R75           B201  *  |
DSC    M  R75           B203  *  | SMP       H510 -H518
DSC    M  R75           B208  *  |
DSC    M  R75           B238  *  |
                                 |
```

```
          --- H527  ---          |          --- H579  ---
                                 |            CONTINUED
SMP       H520 -H526             | SMP    M N188
                                 | SMP      Q100 -Q159
          --- H531  ---          |
                                 |          --- H590  ---
DSC       E509          E505     |
                                 | DSC    M B24          B203
          --- H536  ---          | DSC    M R75          B203   *
                                 | DS       Y830 -Y832
DSC       E509          E505     | DS       Y834
                                 | DS       Y836 -Y839
          --- H539  ---          | DS     M Y883
                                 |
SMP       H530 -H538             |          --- H598  ---
                                 |
          --- H547  ---          | DSC    M B24          B203
                                 | DSC    M R75          B203   *
SMP       H540 -H546             | DS       Y600 -Y849
                                 | DS       Y881
          --- H579  ---          | DS       Y883
                                 |
SMP       A185                   |          --- H599  ---
SMP       A211                   |
SMP     M A300 -A309             | DSC    M B24          B203
SMP     M A368                   | SMP      H590 -H598
SMP     M A398                   | DSC    M R75          B203   *
SMP     M A500                   | DS       Y600 -Y849
SMP     M A514                   | DS       Y881
SMP     M A521                   | DS       Y883
SMP     M A527                   |
SMP       A543                   |          --- H609  ---
SMP     M A711                   |
SMP       A740                   | SMP      H600 -H608
SMP       B005                   |
SMP       B023                   |          --- H619  ---
SMP       B301 -B309             |
SMP     M B399                   | SMP      H610 -H618
SMP       B580                   |
SMP     M B601                   |      --- H650 -H654  ---
SMP     M B740 -B749             |
SMP     M B89                    | DSC    M B24          B203
SMP       C690 -C699             | DSC    M R75          B203   *
SMP     M C794                   |
SMP     M C80  -C97              |          --- H659  ---
SMP       D092                   |
SMP       D310 -D319             | DSC    M B24          B203
SMP     M D487                   | SMP      H650 -H654
SMP       E103                   | DSC    M R75          B203   *
SMP       E113                   |
SMP       E123                   |          --- H660  ---
SMP       E133                   |
SMP       E143                   | DSC      B059         B053
SMP       H000 -H578             | DSC    M B24          B203
LDC       H264          H262     | DSC      J1010        J108
SMP     M I708                   | DSC      J1110        J118
SMP     M L120 -L129             | DSC    M R75          B203   *
SMP     M L710 -L719             |
```

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     --- H661 -H664  ---         |         --- H709  ---
                                 |               CONTINUED
DSC        B059          B053    | DSC    M  R75          B203  *
DSC    M  B24           B203    | DSC    M  R75          B208  *
DSC    M  R75           B203  * | DSC    M  R75          B238  *
                                 |
        --- H669  ---            |      --- H71  -H728  ---
                                 |
DSC        B059          B053    | DSC    M  B24          B201
DSC    M  B24           B203    | DSC    M  B24          B203
SMP        H600 -H609            | DSC    M  B24          B208
SMP        H650 -H664            | DSC    M  B24          B238
DSC    M  J1010         J108    | DSC    M  R75          B201  *
DSC    M  J1110         J118    | DSC    M  R75          B203  *
DSC    M  R75           B203  * | DSC    M  R75          B208  *
                                 | DSC    M  R75          B238  *
        --- H680 -H698  ---       |
                                 |         --- H729  ---
DSC    M  B24           B201    |
DSC    M  B24           B203    | DSC    M  B24          B201
DSC    M  B24           B208    | DSC    M  B24          B203
DSC    M  B24           B238    | DSC    M  B24          B208
DSC    M  R75           B201  * | DSC    M  B24          B238
DSC    M  R75           B203  * | SMP        H720 -H728
DSC    M  R75           B208  * | DSC    M  R75          B201  *
DSC    M  R75           B238  * | DSC    M  R75          B203  *
                                 | DSC    M  R75          B208  *
        --- H699  ---            | DSC    M  R75          B238  *
                                 |
DSC    M  B24           B201    |      --- H730 -H738  ---
DSC    M  B24           B203    |
DSC    M  B24           B208    | DSC    M  B24          B201
DSC    M  B24           B238    | DSC    M  B24          B203
SMP        H690 -H698           | DSC    M  B24          B208
DSC    M  R75           B201  * | DSC    M  B24          B238
DSC    M  R75           B203  * | DSC    M  R75          B201  *
DSC    M  R75           B208  * | DSC    M  R75          B203  *
DSC    M  R75           B238  * | DSC    M  R75          B208  *
                                 | DSC    M  R75          B238  *
     --- H700 -H708  ---          |
                                 |         --- H739  ---
DSC    M  B24           B201    |
DSC    M  B24           B203    | DSC    M  B24          B201
DSC    M  B24           B208    | DSC    M  B24          B203
DSC    M  B24           B238    | DSC    M  B24          B208
DSC    M  R75           B201  * | DSC    M  B24          B238
DSC    M  R75           B203  * | SMP        H720 -H738
DSC    M  R75           B208  * | DSC    M  R75          B201  *
DSC    M  R75           B238  * | DSC    M  R75          B203  *
                                 | DSC    M  R75          B208  *
        --- H709  ---            | DSC    M  R75          B238  *
                                 |
DSC    M  B24           B201    |      --- H740 -H748  ---
DSC    M  B24           B203    |
DSC    M  B24           B208    | DSC    M  B24          B201
DSC    M  B24           B238    | DSC    M  B24          B203
SMP        H700 -H708           | DSC    M  B24          B208
DSC    M  R75           B201  * | DSC    M  B24          B238
```

```
        --- H740 -H748  ---       |     --- H831 -H832  ---
             CONTINUED            |          CONTINUED
DSC    M  R75          B201  * | DSC    M  R75          B203  *
DSC    M  R75          B203  * | DSC    M  R75          B208  *
DSC    M  R75          B208  * | DSC    M  R75          B238  *
DSC    M  R75          B238  * |
                               |          --- H839  ---
          --- H749  ---         |
                               | SMP        H800 -H838
DSC    M  B24          B201    |
DSC    M  B24          B203    |     --- H905  ---
DSC    M  B24          B208    |
DSC    M  B24          B238    | SMP        H900 -H904
SMP       H740 -H748           | SMP        H906 -H908
DSC    M  R75          B201  * |
DSC    M  R75          B203  * |     --- H919  ---
DSC    M  R75          B208  * |
DSC    M  R75          B238  * | SMP        H900 -H918

        --- H809  ---           |     --- H939  ---

SMP       H800 -H808           | SMP        C301
                               | SMP        C432
     --- H810 -H818  ---        | SMP        C442
                               | SMP    M  C490
DSC    M  B24          B201    | SMP    M  C783
DSC    M  B24          B203    | SMP    M  C798 -C97
DSC    M  B24          B208    | SMP    M  D032
DSC    M  B24          B238    | SMP        D042
DSC    M  R75          B201  * | SMP    M  D140
DSC    M  R75          B203  * | SMP    M  D210
DSC    M  R75          B208  * | SMP        D232
DSC    M  R75          B238  * | SMP    M  D385
                               | SMP    M  D481
        --- H819  ---           | SMP    M  D485
                               | SMP        H600 -H938
DSC    M  B24          B201    | SMP        Q160 -Q179
DSC    M  B24          B203    |
DSC    M  B24          B208    |     --- H950  ---
DSC    M  B24          B238    |
SMP       H810 -H818           | DSC    M  B24          B203
DSC    M  R75          B201  * | DSC    M  R75          B203  *
DSC    M  R75          B203  * | DS     M  Y836
DSC    M  R75          B208  * | DS     M  Y883
DSC    M  R75          B238  * |
                               |     --- H951  ---
        --- H830  ---           |
                               | DSC    M  B24          B201
DSC    M  B24          B203    | DSC    M  B24          B203
DSC    M  R75          B203  * | DSC    M  B24          B208
                               | DSC    M  B24          B238
     --- H831 -H832  ---        | DSC    M  R75          B201  *
                               | DSC    M  R75          B203  *
DSC    M  B24          B201    | DSC    M  R75          B208  *
DSC    M  B24          B203    | DSC    M  R75          B238  *
DSC    M  B24          B208    | DS     M  Y836
DSC    M  B24          B238    | DS     M  Y883
DSC    M  R75          B201  * |
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                          TABLE E
     MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


              --- H958  ---                |         --- I050  ---
                                           |              CONTINUED
DSC     M  B24              B203    | SMP        I052
DSC     M  R75              B203  * | LMC        I060 -I069   I080
DS         Y600 -Y849               | LMC        I070 -I079   I081
DS         Y881                     | LMP        I080 -I081
DS         Y883                     | DSC        I082         I083
                                    | SMP        I083
              --- H959  ---         | LMP     M  I088
                                    | LMC     M  I098         I088
DSC     M  B24              B203    |
SMP        H950 -H958               |         --- I051  ---
DSC     M  R75              B203  * |
DS         Y600 -Y849               | LMC        I050         I052
DS         Y881                     | SMP        I052
DS         Y883                     | LMC        I060 -I069   I080
                                    | LMC        I070 -I079   I081
              --- I00   ---         | LMP        I080 -I081
                                    | DSC        I082         I083
LMP        I010 -I099               | SMP        I083
                                    | LMP     M  I088
              --- I010  ---         | DSC     M  I098         I088
                                    | LMC     M  I098         I098
LMC        I011 -I012   I018        |
LMC        I019         I018        |         --- I052  ---
DSC        I029         I020        |
                                    | LMC        I060 -I069   I080
              --- I011  ---         | LMC        I070 -I079   I081
                                    | LMP        I080 -I081
LMC        I010         I018        | DSC        I082         I083
LMC        I012         I018        | SMP        I083
LMC        I019         I018        | LMP     M  I088
DSC        I029         I020        | LMC     M  I098         I088
                                    |
              --- I012  ---         |         --- I058  ---
                                    |
LMC        I010 -I011   I018        | LMC        I060 -I069   I080
LMC        I019         I018        | LMC        I070 -I079   I081
DSC        I029         I020        | LMP        I080 -I081
                                    | DSC        I082         I083
              --- I018  ---         | SMP        I083
                                    | LMP     M  I088
DSC        I029         I020        | LMC     M  I098         I088
                                    | LMP        I340 -I349
              --- I019  ---         |
                                    |         --- I059  ---
LMC        I010 -I012   I018        |
SMP        I018                     | SMP        I050 -I058
DSC        I029         I020        | LMC        I060 -I069   I080
                                    | LMC        I070 -I079   I081
              --- I029  ---         | LMP        I080 -I081
                                    | DSC        I082         I083
LMC        I010 -I019   I020        | SMP        I083
SMP        I020                     | LMP     M  I088
                                    | LMC     M  I098         I088
              --- I050  ---         | LMP        I340 -I349
                                    |
LMC        I051         I052        |
                          E-153  (11-04)
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                            TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


            --- I060  ---           |          --- I070  ---
                                    |              CONTINUED
LMC         I050 -I059   I080       | LMP   M  I088
LMC         I061         I062       | LMC   M  I098           I088
SMP         I062                    |
LMC         I070 -I079   I082       |        --- I071  ---
LMP         I080                    |
DSC         I081         I083       | LMC         I050 -I059   I081
LMP         I082                    | LMC         I060 -I069   I082
SMP         I083                    | LMC         I070         I072
LMP    M    I088                    | SMP         I072
LMC    M    I098         I088       | DSC         I080         I083
                                    | LMP         I081 -I082
            --- I061  ---           | SMP         I083
                                    | LMP    M    I088
LMC         I050 -I059   I080       | LMC    M    I098           I088
LMC         I060         I062       |
SMP         I062                    |       --- I072 -I078  ---
LMC         I070 -I079   I082       |
LMP         I080                    | LMC         I050 -I059   I081
DSC         I081         I083       | LMC         I060 -I069   I082
LMP         I082                    | DSC         I080         I083
SMP         I083                    | LMP         I081 -I082
LMP    M    I088                    | SMP         I083
LMC    M    I098         I088       | LMP    M    I088
                                    | LMC    M    I098           I088
        --- I062 -I068  ---         |
                                    |          --- I079  ---
LMC         I050 -I059   I080       |
LMC         I070 -I079   I082       | LMC         I050 -I059   I081
LMP         I080                    | LMC         I060 -I069   I082
DSC         I081         I083       | SMP         I070 -I078
LMP         I082                    | DSC         I080         I083
SMP         I083                    | LMP         I081 -I082
LMP    M    I088                    | SMP         I083
LMC    M    I098         I088       | LMP    M    I088
                                    | LMC    M    I098           I088
            --- I069  ---           |
                                    |          --- I080  ---
LMC         I050 -I059   I080       |
SMP         I060 -I068              | LMC         I070 -I079   I083
LMC         I070 -I079   I082       | SMP         I083
LMP         I080                    | DSC    M  I098           I088
DSC         I081         I083       |
LMP         I082                    |          --- I081  ---
SMP         I083                    |
LMP    M    I088                    | LMC         I060 -I069   I083
LMC    M    I098         I088       | SMP         I083
                                    | DSC    M  I098           I088
            --- I070  ---           |
                                    |          --- I082  ---
LMC         I050 -I059   I081       |
LMC         I060 -I069   I082       | LMC         I050 -I059   I083
LMC         I071         I072       | SMP         I083
SMP         I072                    | DSC    M  I098           I088
DSC         I080         I083       |
LMP         I081 -I082              |
SMP         I083                    |

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        --- I083 ---          |         --- I10  ---
                              |            CONTINUED
DSC    M  I098       I088     | LMP     I600 -I698
                              | LMP     N000 -N019
        --- I089 ---          | LMP     N030 -N059
                              | LMC     N180 -N19    I120
SMP       I080 -I088          | LMC     N26          I129
                              | SDC     N289         I129
        --- I090 ---          |
                              |         --- I110 ---
SMP    M  I050 -I089          |
                              | LMC     I120         I132
        --- I091 ---          | LMC     I129         I130
                              | LMP     I130
LMP       I050 -I089          | LMC     I131         I132
                              | LMP     I132
        --- I092 ---          | LMC     I139         I130
                              | LMP     I200 -I259
SMP    M  I050 -I080          | LMC     N180 -N19    I132
                              | LMC     N26          I130
        --- I098 ---          |
                              |         --- I119 ---
SMP    M  I050 -I080          |
LMC    M  I050 -I083   I088   | SMP     I110
                              | LMC     I120         I131
        --- I099 ---          | LMC     I129         I139
                              | LMP     I130 -I259
LMP       I050 -I089          | LMC     I500 -I509   I110
SMP    M  I090 -I098          | LMC     N180 -N19    I131
                              | LMC     N26          I139
        --- I10  ---          |
                              |         --- I120 ---
SDC       G934        I674    |
LDP       H350                | LMC     I110         I132
LDC    M  I050        I342    | LMC     I119         I131
LDC    M  I052        I342    | LMP     I130 -I132
LDC    M  I058        I348    | LMC     I139         I131
LDC    M  I059        I349    | LMP     I200 -I259
LDC    M  I070        I360    | LDC     I500 -I509   I132
LDC    M  I071        I361    | LDC     I514 -I519   I131
LDC    M  I072        I362    |
LDC    M  I078        I368    |         --- I129 ---
LDC    M  I079        I369    |
LDC    M  I089        I38     | LMC     I110         I130
LMP       I110 -I259         | LMC     I119         I139
LDP       I340 -I38          | SMP     I120
SDC       I420        I119    | LMP     I130 -I259
SDC       I421        I119    | LDC     I500 -I509   I130
SDC       I422        I119    | LDC     I514 -I519   I139
SDC       I423        I119    | LMC     N180 -N19    I120
SDC       I428        I119    |
SDC       I429        I119    |         --- I130 ---
LDC       I500 -I501   I110   |
LDC    M  I509        I110    | LMP     I200 -I259
LDC    M  I509        I132    | LMC     N180 -N19    I132
LDC       I514        I119    |
LDC       I515        I119    |
LDC       I516 -I519   I119   |
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        --- I131  ---              |           --- I249  ---
                                   |              CONTINUED
LMP       I200 -I259               | LMP         I210 -I229
LMC       I500 -I509    I132       | SMP         I241 -I248
        --- I132  ---              | DSC         R75            B238  *
                                   |
LMP       I200 -I259               |        --- I250 -I251  ---
                                   |
        --- I139  ---              | LMP         I210 -I229
                                   |
SMP       I130 -I132               |        --- I252  ---
LMP       I200 -I259               |
LMC       I500 -I509    I130       | DSC         B24            B238
LMC       N180 -N19     I131       | LMP         I210 -I229
                                   | DSC         R75            B238  *
      --- I200 -I208  ---          |
                                   |        --- I253 -I256  ---
LMP       I210 -I229               |
                                   | LMP         I210 -I229
       --- I209  ---               |
                                   |        --- I258  ---
SMP       I200 -I208               |
LMP       I210 -I229               | DSC         B24            B238
                                   | LMP         I210 -I229
     --- I210 -I214  ---           | DSC         R75            B238  *
                                   |
DSC       B24          B238        |        --- I259  ---
LMP       I220 -I229               |
DSC       R75          B238  *     | LMP         I210 -I229
                                   | SMP         I250 -I258
       --- I219  ---               |
                                   |        --- I260  ---
DSC       B24          B238        |
SMP       I210 -I214               | DS          A162
LMP       I220 -I229               | DS          A164
DSC       R75          B238  *     | DS          A169 -A1690
                                   | DS          C340 -C349
     --- I220 -I228  ---           | DS        M C457
                                   | DS          C780
DSC       B24          B238        | DS          E840
DSC       R75          B238  *     | DS          J13  -J219
                                   | DS          J40  -J709
       --- I229  ---               | DS          J82  -J8490
                                   | DS          J948
DSC       B24          B238        | DS          J980
SMP       I220 -I228               | DS          J984
DSC       R75          B238  *     | DS          J988
                                   | DS          Q330 -Q349
     --- I241 -I248  ---           |
                                   |        --- I269  ---
DSC       B24          B238        |
LMP       I210 -I229               | DS        M A010
DSC       R75          B238  *     | DS        M A188
                                   | DS        M A328
       --- I249  ---               | DS        M A395
                                   | DS        M A520
DSC       B24          B238        | DS        M A548
                                   | DS        M A78
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              --- I269  ---          |          --- I289  ---
                CONTINUED            |
DSC        B24            B238       | SMP       I260 -I288
DS     M   B332                      |
DS     M   B376                      |          --- I301  ---
DS     M   B570                      |
DS     M   B572                      | SMP   M   A188
DS     M   B908                      | SMP   M   A395
DS     M   B948                      | SMP   M   A520
DS     M   D735                      | DSC   M   B24            B201
DS     M   G08                       | DSC   M   B24            B203
DS         I010 -I099                | DSC   M   B24            B208
LMP    M   I260                      | SMP   M   B332
DS         I330 -I38                 | SMP   M   B570
DS     M   I423 -I424                | SMP   M   B572
DS         I513                      | SMP   M   B908
DS         I630                      | SMP   M   B948
DS         I633                      | SMP   M   M321
DS         I636                      | DSC       M349           M348  *
DS         I676                      | SMP   M   N188
DS     M   I788                      | DSC   M   R75            B201  *
DS         I800 -I828                | DSC   M   R75            B203  *
DS     M   I831                      | DSC   M   R75            B208  *
DS     M   K550                      |
DS         K751                      |          --- I308  ---
DS     M   M321                      |
DS     M   N501                      | DSC   M   B24            B201
DS     M   N719                      | DSC   M   B24            B203
DS     M   N948                      | DSC   M   B24            B208
DS         Q220 -Q239                | DSC       M349           M348  *
DSC        R75            B238  *     | DSC   M   R75            B201  *
                                     | DSC   M   R75            B203  *
          --- I272  ---              | DSC   M   R75            B208  *
                                     |
DSC    M   M300          M301        |          --- I309  ---
DSC    M   M349          M348        |
DS     M   Q201 -Q204                | SMP   M   A188
                                     | SMP   M   A395
          --- I279  ---              | SMP   M   A520
                                     | DSC   M   B24            B201
DS         A162                      | DSC   M   B24            B203
DS         A164                      | DSC   M   B24            B208
DS         A169 -A1690               | SMP   M   B332
DS         C340 -C349                | SMP   M   B570
DS         C780                      | SMP   M   B572
DS     M   I200 -I259                | SMP   M   B908
DS         I269                      | SMP   M   B948
SMP        I270 -I278                | SMP       I300 -I308
DS         J13  -J22                 | SMP   M   M321
DS         J40  -J709                | DSC       M349           M348  *
DS         J82  -J841                | SMP   M   N188
DS         J948                      | DSC   M   R75            B201  *
DS         J980                      | DSC   M   R75            B203  *
DS         J984 -J9840               | DSC   M   R75            B208  *
DS         J988                      |
LMC        M410 -M419    I271        |       --- I310 -I311  ---
DS         P270 -P279                |
                                     | DSC   M   B24            B201
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        --- I310 -I311  ---              |        --- I330   ---
            CONTINUED                    |            CONTINUED
DSC    M  B24          B203              | DS        F152
DSC    M  B24          B208              | DS        F162
DSC       M349         M348  *           | DS        F182
DSC    M  R75          B201  *           | DS        F192
DSC    M  R75          B203  *           | DS        I010 -I099
DSC    M  R75          B208  *           | SMP    M  M321
                                         | DSC       M349         M348  *
       --- I312 -I318  ---               | DSC    M  R75          B201  *
                                         | DSC    M  R75          B203  *
DSC    M  B24          B238              | DSC    M  R75          B208  *
DSC       M349         M348  *           |
DSC    M  R75          B238  *           |        --- I339  ---
                                         |
        --- I319  ---                    | SMP    M  A010
                                         | SMP    M  A395
SMP    M  A188                           | SMP    M  A548
SMP    M  A395                           | DSC    M  B24          B201
SMP    M  A520                           | DSC    M  B24          B203
DSC    M  B24          B201              | DSC    M  B24          B208
DSC    M  B24          B203              | SMP    M  B332
DSC    M  B24          B208              | SMP    M  B376
DSC    M  B24          B238              | SMP    M  B570
SMP    M  B332                           | SMP    M  B572
SMP    M  B570                           | SMP    M  B948
SMP    M  B572                           | SMP       I330
SMP    M  B908                           | SMP    M  M321
SMP    M  B948                           | DSC       M349         M348  *
SMP       I300 -I318                     | DSC    M  R75          B201  *
DSC    M  M069         M053              | DSC    M  R75          B203  *
SMP    M  M321                           | DSC    M  R75          B208  *
DSC       M349         M348  *           |
SMP    M  N188                           |      --- I340 -I348   ---
DSC    M  R75          B201  *           |
DSC    M  R75          B203  *           | SMP    M  A010
DSC    M  R75          B208  *           | SMP    M  A188
DSC    M  R75          B238  *           | SMP    M  A395
DS     M  S200 -S299                     | SMP    M  A520
                                         | SMP    M  A548
        --- I330  ---                    | DSC    M  B24          B201
                                         | DSC    M  B24          B203
SMP    M  A010                           | DSC    M  B24          B208
SMP    M  A395                           | DSC    M  B24          B238
SMP    M  A520                           | SMP    M  B376
SMP    M  A548                           | SMP    M  B570
DSC    M  B24          B201              | SMP    M  B572
DSC    M  B24          B203              | SMP    M  B908
DSC    M  B24          B208              | SMP    M  B948
SMP    M  B332                           | SMP    M  M321
SMP    M  B376                           | DSC       M349         M348  *
SMP    M  B570                           | DSC    M  R75          B201  *
SMP    M  B572                           | DSC    M  R75          B203  *
SMP    M  B948                           | DSC    M  R75          B208  *
DS        F112                           | DSC    M  R75          B238  *
DS        F122                           |
DS        F132                           |
DS        F142                           |
```

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        --- I349  ---           |        --- I351  ---
                                |              CONTINUED
SMP    M  A010                  | DSC    M  B24           B238
SMP    M  A188                  | SMP    M  B376
SMP    M  A395                  | SMP    M  B570
SMP    M  A520                  | SMP    M  B572
SMP    M  A548                  | SMP    M  B908
DSC    M  B24       B201        | SMP    M  B948
DSC    M  B24       B203        | LMC       I350        I352
DSC    M  B24       B208        | SMP    M  M321
DSC    M  B24       B238        | DSC       M349        M348  *
SMP    M  B376                  | DSC    M  R75         B201  *
SMP    M  B570                  | DSC    M  R75         B203  *
SMP    M  B572                  | DSC    M  R75         B208  *
SMP    M  B908                  | DSC    M  R75         B238  *
SMP    M  B948                  |
SMP       I340 -I348            |        --- I352 -I358  ---
SMP    M  M321                  |
DSC       M349     M348  *      | SMP    M  A010
DSC    M  R75      B201  *      | SMP    M  A188
DSC    M  R75      B203  *      | SMP    M  A395
DSC    M  R75      B208  *      | SMP    M  A520
DSC    M  R75      B238  *      | SMP    M  A548
                                | DSC    M  B24         B201
        --- I350  ---           | DSC    M  B24         B203
                                | DSC    M  B24         B208
SMP    M  A010                  | DSC    M  B24         B238
SMP    M  A188                  | SMP    M  B376
SMP    M  A395                  | SMP    M  B570
SMP    M  A520                  | SMP    M  B572
SMP    M  A548                  | SMP    M  B908
DSC    M  B24       B201        | SMP    M  B948
DSC    M  B24       B203        | SMP    M  M321
DSC    M  B24       B208        | DSC       M349        M348  *
DSC    M  B24       B238        | DSC    M  R75         B201  *
SMP    M  B376                  | DSC    M  R75         B203  *
SMP    M  B570                  | DSC    M  R75         B208  *
SMP    M  B572                  | DSC    M  R75         B238  *
SMP    M  B908                  |
SMP    M  B948                  |        --- I359  ---
LMC       I351     I352         |
SMP    M  M321                  | SMP    M  A010
DSC       M349     M348  *      | SMP    M  A188
DSC    M  R75      B201  *      | SMP    M  A395
DSC    M  R75      B203  *      | SMP    M  A520
DSC    M  R75      B208  *      | SMP    M  A548
DSC    M  R75      B238  *      | DSC    M  B24         B201
                                | DSC    M  B24         B203
        --- I351  ---           | DSC    M  B24         B208
                                | DSC    M  B24         B238
SMP    M  A010                  | SMP    M  B376
SMP    M  A188                  | SMP    M  B570
SMP    M  A395                  | SMP    M  B572
SMP    M  A520                  | SMP    M  B908
SMP    M  A548                  | SMP    M  B948
DSC    M  B24       B201        | SMP       I350 -I351        *
DSC    M  B24       B203        | SMP       I358
DSC    M  B24       B208        | SMP    M  M321
```

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                                TABLE E
          MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


                --- I359  ---         |       --- I362 -I368  ---
                   CONTINUED          |
DSC        M349         M348  * | SMP    M  A010
DSC     M  R75          B201  * | SMP    M  A188
DSC     M  R75          B203  * | SMP    M  A395
DSC     M  R75          B208  * | SMP    M  A520
DSC     M  R75          B238  * | SMP    M  A548
                                | DSC    M  B24              B201
           --- I360  ---         | DSC    M  B24              B203
                                | DSC    M  B24              B208
                                | DSC    M  B24              B238
SMP     M  A010                 | SMP    M  B376
SMP     M  A188                 | SMP    M  B570
SMP     M  A395                 | SMP    M  B572
SMP     M  A520                 | SMP    M  B908
SMP     M  A548                 | SMP    M  B948
DSC     M  B24          B201    | SMP    M  M321
DSC     M  B24          B203    | DSC       M349         M348  *
DSC     M  B24          B208    | DSC    M  R75          B201  *
DSC     M  B24          B238    | DSC    M  R75          B203  *
SMP     M  B376                 | DSC    M  R75          B208  *
SMP     M  B570                 | DSC    M  R75          B238  *
SMP     M  B572                 |
SMP     M  B908                 |
SMP     M  B948                 |       --- I369  ---
LMC        I361         I362    |
SMP     M  M321                 | SMP    M  A010
DSC        M349         M348  * | SMP    M  A188
DSC     M  R75          B201  * | SMP    M  A395
DSC     M  R75          B203  * | SMP    M  A520
DSC     M  R75          B208  * | SMP    M  A548
DSC     M  R75          B238  * | DSC    M  B24              B201
                                | DSC    M  B24              B203
           --- I361  ---         | DSC    M  B24              B208
                                | DSC    M  B24              B238
SMP     M  A010                 | SMP    M  B376
SMP     M  A188                 | SMP    M  B570
SMP     M  A395                 | SMP    M  B572
SMP     M  A520                 | SMP    M  B908
SMP     M  A548                 | SMP    M  B948
DSC     M  B24          B201    | SMP       I360 -I361           *
DSC     M  B24          B203    | SMP       I368                 *
DSC     M  B24          B208    | SMP    M  M321
DSC     M  B24          B238    | DSC       M349         M348  *
SMP     M  B376                 | DSC    M  R75          B201  *
SMP     M  B570                 | DSC    M  R75          B203  *
SMP     M  B572                 | DSC    M  R75          B208  *
SMP     M  B908                 | DSC    M  R75          B238  *
SMP     M  B948                 |
LMC        I360         I362    |       --- I370  ---
SMP     M  M321                 |
DSC        M349         M348  * | SMP    M  A010
DSC     M  R75          B201  * | SMP    M  A188
DSC     M  R75          B203  * | SMP    M  A395
DSC     M  R75          B208  * | SMP    M  A520
DSC     M  R75          B238  * | SMP    M  A548
                                | DSC    M  B24              B201
                                  DSC    M  B24              B203
                                  DSC    M  B24              B208
                                |
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```

```
        --- I370  ---          |      --- I372 -I378  ---
          CONTINUED            |          CONTINUED
DSC   M B24          B238      | DSC   M R75          B201 *
SMP   M B376                   | DSC   M R75          B203 *
SMP   M B570                   | DSC   M R75          B208 *
SMP   M B572                   | DSC   M R75          B238 *
SMP   M B908                   |
SMP   M B948                   |      --- I379  ---
LMC     I371         I372      |
SMP   M M321                   | SMP   M A010
DSC     M349         M348   *  | SMP   M A188
DSC   M R75          B201   *  | SMP   M A395
DSC   M R75          B203   *  | SMP   M A520
DSC   M R75          B208   *  | SMP   M A548
DSC   M R75          B238   *  | DSC   M B24          B201
                              | DSC   M B24          B203
        --- I371  ---          | DSC   M B24          B208
                              | DSC   M B24          B238
SMP   M A010                   | SMP   M B376
SMP   M A188                   | SMP   M B570
SMP   M A395                   | SMP   M B572
SMP   M A520                   | SMP   M B908
SMP   M A548                   | SMP   M B948
DSC   M B24          B201      | SMP     I370 -I371        *
DSC   M B24          B203      | SMP     I378
DSC   M B24          B208      | SMP   M M321
DSC   M B24          B238      | DSC     M349         M348   *
SMP   M B376                   | DSC   M R75          B201   *
SMP   M B570                   | DSC   M R75          B203   *
SMP   M B572                   | DSC   M R75          B208   *
SMP   M B908                   | DSC   M R75          B238   *
SMP   M B948                   |
LMC     I370         I372      |      --- I38   ---
SMP   M M321                   |
DSC     M349         M348   *  | SMP   M A010
DSC   M R75          B201   *  | SMP   M A188
DSC   M R75          B203   *  | SMP   M A395
DSC   M R75          B208   *  | SMP   M A520
DSC   M R75          B238   *  | SMP   M A548
                              | DSC   M B24          B201
        --- I372 -I378  ---     | DSC   M B24          B203
                              | DSC   M B24          B208
SMP   M A010                   | DSC   M B24          B238
SMP   M A188                   | SMP   M B376
SMP   M A395                   | SMP   M B570
SMP   M A520                   | SMP   M B572
SMP   M A548                   | SMP   M B908
DSC   M B24          B201      | SMP   M B948
DSC   M B24          B203      | SMP     I050 -I099
DSC   M B24          B208      | SMP   M I330 -I339
DSC   M B24          B238      | SMP     I340 -I378
SMP   M B376                   | SMP   M M321
SMP   M B570                   | DSC     M349         M348   *
SMP   M B572                   | DSC   M R75          B201   *
SMP   M B908                   | DSC   M R75          B203   *
SMP   M B948                   | DSC   M R75          B208   *
SMP   M M321                   | DSC   M R75          B238   *
DSC     M349         M348   *  |
```

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                          TABLE E
       MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


          --- I400 -I408 ---          |       --- I420  ---
                                      |
    SMP    M  A010                    | DSC       M349         M348  *
    SMP    M  A188                    |
    SMP    M  A368                    |       --- I421  ---
    SMP    M  A38                     |
    SMP    M  A395                    | DSC       M349         M348  *
    SMP    M  A520                    |
    SMP    M  A750                    |       --- I422  ---
    SMP    M  A759                    |
    DSC    M  B24          B201       | DSC       M349         M348  *
    DSC    M  B24          B203       |
    DSC    M  B24          B208       |       --- I425  ---
    SMP    M  B332                    |
    SMP    M  B570                    | DSC       M349         M348  *
    DSC       B571         B570       |
    SMP    M  B572                    |       --- I428  ---
    SMP    M  B588                    |
    DSC       B589         B588       | DSC       M349         M348  *
    SMP    M  B908                    |
    SMP    M  B948                    |       --- I429  ---
    SMP    M  J108                    |
    SMP    M  J118                    | DS    M  A188
    DSC       M349         M348  *    | DSC       B24              B238
    DSC    M  R75          B201  *    | DS    M  B332
    DSC    M  R75          B203  *    | DS    M  B570
    DSC    M  R75          B208  *    | LMC       B571          B570
                                      | LMP       B572
          ---  I409  ---              | LMC       B573 -B575   B572
                                      | DS    M  D868
    SMP    M  A010                    | DS    M  E059
    SMP    M  A188                    | DS    M  E511
    SMP    M  A368                    | DS    M  E639
    SMP    M  A38                     | DS    M  E740
    SMP    M  A520                    | DS    M  E854
    SMP    M  A750                    | DSC       E859          E854
    SMP    M  A759                    | SMP       I420 -I4280
    DSC    M  B24          B201       | DS    M  M321
    DSC    M  B24          B203       | DSC       M349         M348  *
    DSC    M  B24          B208       | DS    M  N188
    SMP    M  B332                    | DS    M  Q200 -Q249
    SMP    M  B570                    | DSC       R75              B238  *
    DSC       B571         B570       |
    SMP    M  B572                    |       --- I440 -I446   ---
    SMP    M  B588                    |
    DSC       B589         B588       | DS        A520
    SMP    M  B908                    | DSC       B24              B238
    SMP    M  B948                    | DS        B332
    SMP       I400 -I408             | LMP       B570
    DSC       J1010        J108       | LMC       B571          B570
    SMP    M  J108                    | LMP       B572
    DSC       J1110        J118       | LMC       B573 -B575   B572
    SMP    M  J118                    | DS        I010 -I099
    SMP    M  M321                    | DS        I110 -I119
    DSC       M349         M348  *    | DS        I130 -I139
    DSC    M  R75          B201  *    | LMP       I200 -I219
    DSC    M  R75          B203  *    | LMP       I241 -I259
    DSC    M  R75          B208  *    | DS        I260 -I4290
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        --- I440 -I446  ---         |       --- I451 -I458  ---
               CONTINUED            |              CONTINUED
DS        I510 -I518                | LMP      B572
DSC       M349           M348   * | LMC      B573 -B575   B572
DS        P293                      | DS       I010 -I099
DS        Q200 -Q269                | DS       I110 -I119
DSC       R75            B238   * | DS       I130 -I139
                                    | LMP      I200 -I219
        --- I447   ---              | LMP      I241 -I259
                                    | DS       I260 -I4290
DS        A520                      | DS       I510 -I518
DSC       B24            B238       | DSC      M349           M348   *
DS        B332                      | DS       P293
LMP       B570                      | DS       Q200 -Q269
LMC       B571           B570       | DSC      R75            B238   *
LMP       B572                      |
LMC       B573 -B575    B572        |       --- I459   ---
DS        I010 -I099                |
DS        I110 -I119                | DS       A520
DS        I130 -I139                | DSC      B24            B238
LMP       I200 -I219                | DS       B332
LMP       I241 -I259                | LMP      B570
DS        I260 -I4290               | LMC      B571           B570
SMP       I440 -I446                | LMP      B572
DS        I510 -I518                | LMC      B573 -B575    B572
DSC       M349           M348   * | DS       I010 -I099
DS        P293                      | DS       I110 -I119
DS        Q200 -Q269                | DS       I130 -I139
DSC       R75            B238   * | LMP      I200 -I219
                                    | LMP      I241 -I259
        --- I450   ---              | DS       I260 -I4290
                                    | SMP      I440 -I458
DS        A520                      | DS       I510 -I518
DSC       B24            B238       | DSC      M349           M348   *
DS        B332                      | DS       P293
LMP       B570                      | DS       Q200 -Q269
LMC       B571           B570       | DSC      R75            B238   *
LMP       B572                      |
LMC       B573 -B575    B572        |       --- I460 -I461   ---
DS        I010 -I099                |
DS        I110 -I119                | DS       A520
DS        I130 -I139                | DSC      B24            B238
LMP       I200 -I219                | DS       B332
LMP       I241 -I259                | LMP      B570
DS        I260 -I4290               | LMC      B571           B570
DS        I510 -I518                | LMP      B572
DSC       M349           M348   * | LMC      B573 -B575   B572
DS        P293                      | DS       I010 -I099
DS        Q200 -Q269                | DS       I110 -I119
DSC       R75            B238   * | DS       I130 -I139
                                    | LMP      I200 -I219
        --- I451 -I458   ---        | LMP      I241 -I259
                                    | DS       I260 -I4290
DS        A520                      | DS       I510 -I518
DSC       B24            B238       | DSC      M349           M348   *
DS        B332                      | DS       P293
LMP       B570                      | DS       Q200 -Q269
LMC       B571           B572       | DSC      R75            B238   *
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        --- I469  ---            |      --- I48  -I498  ---
                                 |          CONTINUED
DSC      M349         M348   * | DS       I130 -I139
                                 | LMP      I200 -I219
      --- I470 -I472  ---        | LMP      I241 -I259
                                 | DS       I260 -I4290
DS       A520                    | DS       I510 -I518
DSC      B24          B238     | DSC      M349         M348   *
DS       B332                    | DS       P293
LMP      B570                    | DS       Q200 -Q269
LMC      B571         B570     | DSC      R75          B238   *
LMP      B572                    |
LMC      B573 -B575   B572     |      --- I499  ---
DS       I010 -I099             |
DS       I110 -I119             | DS       A520
DS       I130 -I139             | DSC      B24          B238
LMP      I200 -I219             | DS       B332
LMP      I241 -I259             | LMP      B570
DS       I260 -I4290           | LMC      B571         B570
DS       I510 -I518             | LMP      B572
DSC      M349         M348   * | LMC      B573 -B575   B572
DS       P293                    | DS       I010 -I099
DS       Q200 -Q269            | DS       I110 -I119
DSC      R75          B238   * | DS       I130 -I139
                                 | LMP      I200 -I219
       --- I479  ---             | LMP      I241 -I259
                                 | DS       I260 -I4290
DS       A520                    | SMP      I460 -I461
DSC      B24          B238     | SMP      I470 -I498
DS       B332                    | DS       I510 -I518
LMP      B570                    | DSC      M349         M348   *
LMC      B571         B570     | DS       P293
LMP      B572                    | DS       Q200 -Q269
LMC      B573 -B575   B572     | DSC      R75          B238   *
DS       I010 -I099             |
DS       I110 -I119             |      --- I500 -I5000 ---
DS       I130 -I139             |
LMP      I200 -I219             | DS       A520
LMP      I241 -I259             | DSC      B24          B238
DS       I260 -I4290           | DS       B332
SMP      I470 -I472            | LMP      B570
DS       I510 -I518             | LMC      B571         B570
DSC      M349         M348   * | LMP      B572
DS       P293                    | LMC      B573 -B575   B572
DS       Q200 -Q269            | DS       I010 -I099
DSC      R75          B238   * | DS       I110
                                 | DSC      I119         I110
       --- I48  -I498  ---       | DSC      I120         I132
                                 | DSC      I129         I130
DS       A520                    | DS       I130
DSC      B24          B238     | DSC      I131         I132
DS       B332                    | DS       I132
LMP      B570                    | DSC      I139         I130
LMC      B571         B570     | DSC      I139         I132
LMP      B572                    | LMP      I200 -I219
LMC      B573 -B575   B572     | LMP      I241 -I259
DS       I010 -I099             | DS       I270 -I279
DS       I110 -I119             | DS       I300 -I4290
```

```
      --- I500 -I5000 ---        |        --- I509  ---
            CONTINUED            |            CONTINUED
DS          I510 -I516           | DSC        I139          I132
DS          I518                 | LMP        I200 -I219
DSC         M349         M348  * | LMP        I241 -I259
LMC         M410 -M419   I271    | DS         I260 -I459
DS          P293                 | DS         I470 -I499
DS          Q200 -Q269           | SMP        I500 -I501
DSC         R75          B238  * | DS         I510 -I516
                                 | LMC        I517          I519
      --- I501  ---              | DS         I518
                                 | LMC        J81           I501
DS          A520                 | DSC        M349          M348  *
DSC         B24          B238    | LMC        M410 -M419    I271
DS          B332                 | DS         P293
LMP         B570                 | DS         Q200 -Q269
LMC         B571         B570    | DSC        R75           B238  *
LMP         B572                 |
LMC         B573 -B575   B572    |        --- I510 -I513  ---
DS          I010 -I099           |
DS          I110                 | DSC        B24           B238
DSC         I119         I110    | DSC        M349          M348  *
DSC         I120         I132    | LMC        M410 -M419    I271
DSC         I129         I130    | DSC        R75           B238  *
DS          I130                 |
DSC         I131         I132    |        --- I514  ---
DS          I132                 |
DSC         I139         I130    | SMP     M  A010
DSC         I139         I132    | SMP     M  A188
LMP         I200 -I219           | SMP     M  A368
LMP         I241 -I259           | SMP     M  A38
DS          I260 -I4290          | SMP     M  A520
LDP         I500 -I5000          | SMP     M  A750
DS          I510 -I518           | SMP     M  A759
DSC         M349         M348  * | DSC     M  B24           B208
LMC         M410 -M419   I271    | SMP     M  B332
DS          P293                 | SMP     M  B570
DS          Q200 -Q269           | LMC        B571          B570
DSC         R75          B238  * | LMP        B572
                                 | LMC        B573 -B575    B572
      --- I509  ---              | SMP     M  B588
                                 | DSC     M  B589          B588
DS          A520                 | SMP     M  B908
DSC         B24          B238    | SMP     M  B948
DS          B332                 | DSC        I120          I131
LMP         B570                 | DSC        I129          I139
LMC         B571         B570    | LMP        I200 -I219
LMP         B572                 | LMP        I241 -I259
LMC         B573 -B575   B572    | SMP     M  I400 -I409
DS          I010 -I099           | DSC     M  J1010         J108
DS          I110                 | SMP     M  J108
DSC         I119         I110    | DSC     M  J1110         J118
DSC         I120         I132    | SMP     M  J118
DSC         I129         I130    | DSC     M  M069          M053
DS          I130                 | SMP     M  M321
DSC         I131         I132    | DSC        M349          M348  *
DS          I132                 | LMC        M410 -M419    I271
DSC         I139         I130    | DSC     M  R75           B208  *
```

```
        --- I5140 ---          |           --- I517  ---
                               |                CONTINUED
DSC        I120       I131     | DSC        M349          M348  *
DSC        I129       I139     | LMC        M410 -M419    I271
DSC        M349       M348  * | DS         Q200 -Q249
                               | DSC        R75           B238  *
        --- I515  ---          |
                               |           --- I518  ---
DSC    M   B24        B238     |
LMP        B570                | DSC    M   B24           B201
LMC        B571       B570     | DSC    M   B24           B208
LMP        B572                | DSC    M   B24           B238
LMC        B573 -B575 B572     | LMP        B570
DSC        E859       E854     | LMC        B571          B570
DSC        I120       I131     | LMP        B572
DSC        I129       I139     | LMC        B573 -B575    B572
LMP        I200 -I219          | DSC        I120          I131
LMP        I241 -I259          | DSC        I129          I139
DSC        M349       M348  * | LMP        I200 -I219
LMC        M410 -M419 I271     | LMP        I241 -I259
DSC    M   R75        B238  * | DSC        M069          M053
                               | DSC        M349          M348  *
        --- I5150 ---          | LMC        M410 -M419    I271
                               | DS         Q200 -Q249
DSC        I120       I131     | DSC    M   R75           B201  *
DSC        I129       I139     | DSC    M   R75           B208  *
DSC        M349       M348  * | DSC    M   R75           B238  *

        --- I516  ---          |           --- I519  ---

DSC    M   B24        B238     | SMP    M   A010
LMP        B570                | SMP    M   A188
LMC        B571       B570     | SMP    M   A368
LMP        B572                | SMP    M   A38
LMC        B573 -B575 B572     | SMP    M   A395
DSC        I120       I131     | SMP    M   A520
DSC        I129       I139     | SMP    M   A548
LMP        I200 -I219          | SMP    M   A750
LMP        I241 -I259          | SMP    M   A759
DSC        M349       M348  * | DSC        B24           B238
LMC        M410 -M419 I271     | SMP        B332
DSC    M   R75        B238  * | SMP        B570
                               | LMC        B571          B570
        --- I517  ---          | LMP        B572
                               | LMC        B573 -B575    B572
DSC        B24        B238     | SMP    M   B588
LMP        B570                | SMP    M   B908
LMC        B571       B570     | SMP    M   B948
LMP        B572                | SMP    M   D868
LMC        B573 -B575 B572     | SMP    M   E059
DS         I110 -I119          | SMP    M   E511
DSC        I120       I131     | SMP    M   E639
DSC        I129       I139     | SMP    M   E740
DS         I130 -I139          | DSC        E840          E848
LMP        I200 -I219          | DSC        E849          E848
LMP        I241 -I259          | SMP    M   E854
DS         I271                | DSC        E859          E854
DS         I300 -I4290         | DS         I010 -I099          *
```

```
                                TABLE E
          MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


              --- I519  ---           |       --- I601 -I606  ---
                 CONTINUED           |          CONTINUED
SMP         I110 -I139               | DS     M  C794
DSC         I120              I131    | DS        C810 -C969
DSC         I129              I139    | DS        D320
LMP         I200 -I219               | DS        D330 -D332
SMP         I220 -I229               | DS        D420 -D434
LMP         I241 -I259               | DS        I6000
SMP         I260 -I279               | DS        I6060
SMP         I300 -I461               | DS        I6070
SMP         I470 -I518               | DS        I6080
SMP     M   J108                     | DS        I6090
SMP     M   J118                     | DSC   M  I671              I6060
LMC         J81              I501    | DSC   M  I671              I6070
DSC         M069             M053    | DSC   M  I671              I6080
SMP     M   M321                     | DSC   M  I671              I6090
DSC         M349             M348  * | DSC      I720              I6000
LMC         M410 -M419       I271    | DSC   M  I770              I6080
SMP     M   N188                     | DSC      M359              M358
SMP         Q200 -Q268               | DSC      Q2780             I6090
DSC         R75              B238  * | DSC      Q2820             I6080
                                     | DSC      Q2830             I6090
              --- I600  ---          | DSC   M  R75               B238   *
                                     |
DSC     M   B24              B238    |       --- I607  ---
DS          B690                  * |
DS          C700                     | DSC   M  B24               B238
DS          C710 -C719               | DS        B690                   *
DS          C793                     | DS        C700
DS      M   C794                     | DS        C710 -C719
DS          C810 -C969               | DS        C793
DS          D320                     | DS     M  C794
DS          D330 -D332               | DS        C810 -C969
DS          D420 -D434               | DS        D320
DS          I6000                    | DS        D330 -D332
DS          I6060                    | DS        D420 -D434
DS          I6070                    | DS        I6000
DS          I6080                    | DS        I6060
DS          I6090                    | DS        I6070
DSC     M   I671             I6060   | DS        I6080
DSC     M   I671             I6070   | DS        I6090
DSC     M   I671             I6080   | DSC   M  I671              I6060
DSC     M   I671             I6090   | DSC   M  I671              I6070
DSC         I720             I6000   | DSC   M  I671              I6080
DSC     M   I770             I6080   | DSC   M  I671              I6090
DSC         M359             M358    | DSC      I720              I6000
DSC         Q2780            I6090   | DSC   M  I770              I6080
DSC         Q2820            I6080   | DSC      M359              M358
DSC         Q2830            I6090   | DSC      Q2780             I6090
DSC     M   R75              B238  * | DSC      Q2820             I6080
                                     | DSC      Q2830             I6090
           --- I601 -I606  ---       | DSC   M  R75               B238   *
                                     |
DSC     M   B24              B238    |       --- I608  ---
DS          B690                  * |
DS          C700                     | DSC   M  B24               B238
DS          C710 -C719               | DS        B690                   *
DS          C793                     | DS        C700
```

```
          --- I608  ---           |       --- I610 -I618  ---
            CONTINUED             |           CONTINUED
DS          C710 -C719            | DS          C710 -C719
DS          C793                  | DS          C793
DS      M   C794                  | DS      M   C794
DS          C810 -C969            | DS          C810 -C969
DS          D320                  | DS          D320
DS          D330 -D332            | DS          D330 -D332
DS          D420 -D434            | DS          D420 -D434
DS          I6000                 | DS          I6000
DS          I6060                 | DS          I6060
DS          I6070                 | DS          I6070
DS          I6080                 | DS          I6080
DS          I6090                 | DS          I6090
DSC     M   I671        I6060     | DSC     M   I671        I6060
DSC     M   I671        I6070     | DSC     M   I671        I6070
DSC     M   I671        I6080     | DSC     M   I671        I6080
DSC     M   I671        I6090     | DSC     M   I671        I6090
DSC         I720        I6000     | DSC         I720        I6000
DSC     M   I770        I6080     | DSC     M   I770        I6080
DSC         M359        M358      | DSC         M359        M358
DSC         Q2780       I6090     | DSC         Q2780       I6090
DSC         Q2820       I6080     | DSC         Q2820       I6080
DSC         Q2830       I6090     | DSC         Q2830       I6090
DSC     M   R75         B238  *   | DSC     M   R75         B238  *
                                  |
          --- I609  ---           |       --- I619  ---
                                  |
DSC     M   B24         B238      | DSC     M   B24         B238
DS          B690             *    | DS          B690             *
DS          C700                  | DS          C700
DS          C710 -C719            | DS          C710 -C719
DS          C793                  | DS          C793
DS      M   C794                  | DS      M   C794
DS          C810 -C969            | DS          C810 -C969
DS          D320                  | DS          D320
DS          D330 -D332            | DS          D330 -D332
DS          D420 -D434            | DS          D420 -D434
SMP         I600 -I608            | DS          I6000
DS          I6080                 | DS          I6060
DS          I6090                 | DS          I6070
DSC     M   I671        I6060     | DS          I6080
DSC     M   I671        I6070     | DS          I6090
DSC     M   I671        I6080     | SMP         I610 -I618
DSC     M   I671        I6090     | DSC     M   I671        I6060
DSC         I720        I6000     | DSC     M   I671        I6070
DSC     M   I770        I6080     | DSC     M   I671        I6080
DSC         M359        M358      | DSC     M   I671        I6090
DSC         Q2780       I6090     | DSC         I720        I6000
DSC         Q2820       I6080     | DSC     M   I770        I6080
DSC         Q2830       I6090     | DSC         M359        M358
DSC     M   R75         B238  *   | DSC         Q2780       I6090
                                  | DSC         Q2820       I6080
          --- I610 -I618  ---     | DSC         Q2830       I6090
                                  | DSC     M   R75         B238  *
DSC     M   B24         B238      |
DS          B690             *    |
DS          C700                  |
```

```
          --- I620 ---              |           --- I629 ---
                                    |            CONTINUED
DSC    M  B24          B238         | DS          C710 -C719
DS        B690                  *   | DS          C793
DS        C700                      | DS       M  C794
DS        C710 -C719                | DS          C810 -C969
DS        C793                      | DS          D320
DS     M  C794                      | DS          D330 -D332
DS        C810 -C969                | DS          D420 -D434
DS        D320                      | SMP         I600 -I621
DS        D330 -D332                | DSC      M  I671          I6060
DS        D420 -D434                | DSC      M  I671          I6070
DS        I6000                     | DSC      M  I671          I6080
DS        I6060                     | DSC      M  I671          I6090
DS        I6070                     | DSC         I720          I6000
DS        I6080                     | DSC      M  I770          I6080
DS        I6090                     | DSC         M359          M358
DSC    M  I671         I6060        | DSC         Q2780         I6090
DSC    M  I671         I6070        | DSC         Q2820         I6080
DSC    M  I671         I6080        | DSC         Q2830         I6090
DSC    M  I671         I6090        | DSC      M  R75           B238   *
DSC       I720         I6000        |
DSC    M  I770         I6080        |           --- I630 ---
DSC       M359         M358         |
DSC       Q2780        I6090        | DSC      M  B24           B238
DSC       Q2820        I6080        | DSC         M359          M358
DSC       Q2830        I6090        | DSC      M  R75           B238   *
DSC    M  R75          B238    *    |
                                    |           --- I631 ---
          --- I621 ---              |
                                    | DS       M  A010
DSC    M  B24          B238         | DS       M  A328
DS        B690                  *   | DS       M  A395
DS        C700                      | DS       M  A520
DS        C710 -C719                | DS       M  A548
DS        C793                      | DS       M  A78
DS     M  C794                      | DSC      M  B24           B238
DS        C810 -C969                | DS       M  B332
DS        D320                      | DS       M  B376
DS        D330 -D332                | DS       M  B570
DS        D420 -D434                | DS       M  B572
DSC    M  I671         I6060        | DS       M  B908
DSC    M  I671         I6070        | DS       M  B948
DSC    M  I671         I6080        | DS       M  D735
DSC    M  I671         I6090        | DS       M  G08
DSC       I720         I6000        | DS       M  G951
DSC    M  I770         I6080        | DS       M  H348
DSC       M359         M358         | DS       M  H350
DSC       Q2780        I6090        | DS          I010 -I029
DSC       Q2820        I6080        | DS          I090
DSC       Q2830        I6090        | DS          I092 -I099
DSC    M  R75          B238    *    | DS       M  I269
                                    | DS       M  I423 -I424
          --- I629 ---              | DS          I513
                                    | DS          I630
DSC    M  B24          B238         | DS          I633
DS        B690                  *   | DS          I636
DS        C700                      | DS          I676
```

```
          --- I631  ---          |       --- I635 -I638  ---
           CONTINUED            |
DS     M  I788                  | DSC    M  B24            B238
DS        I800 -I829            | DSC       M359           M358
DS     M  I831                  | DSC    M  R75            B238  *
DS     M  M321                  |
DSC       M359        M358      |       --- I639  ---
DS     M  N719                  |
DS     M  N948                  | DSC    M  B24            B238
DS        Q220 -Q239            | SMP       I630 -I638
DSC    M  R75            B238  *| DSC       M359           M358
                               | DSC    M  R75            B238  *
        --- I632 -I633  ---      |
                               |       --- I64   ---
DSC    M  B24           B238    |
DSC       M359          M358    | DSC    M  B24            B238
DSC    M  R75           B238  *| SMP       I600 -I639
                               | DSC       M359           M358
         --- I634  ---          | DSC    M  R75            B238  *
                               |
DS     M  A010                  |       --- I670  ---
DS     M  A328                  |
DS     M  A395                  | DSC       M359           M358
DS     M  A520                  |
DS     M  A548                  |       --- I671  ---
DS     M  A78                   |
DSC    M  B24           B238    | SMC       I600           I6090 *
DS     M  B332                  | SMC       I601 -I606     I6090 *
DS     M  B376                  | SMP       I6060                *
DS     M  B570                  | SMC       I607           I6090 *
DS     M  B572                  | SMP       I6070                *
DS     M  B908                  | SMC       I608           I6090 *
DS     M  B948                  | SMP       I6080                *
DS     M  D735                  | SMP       I6090                *
DS     M  G08                   | SMC       I610 -I629     I6090 *
DS     M  G951                  |
DS     M  H348                  |       --- I672  ---
DS     M  H350                  |
DS        I010 -I099            | LDC       G219           G218  *
DS     M  I269                  | LMP       I600 -I64
DS        I330 -I38             | DSC       M359           M358
DS     M  I423 -I424            |
DS        I513                  |       --- I673 -I675  ---
DS        I630                  |
DS        I633                  | DSC       M359           M358
DS        I636                  |
DS        I676                  |       --- I676  ---
DS     M  I788                  |
DS        I800 -I829            | DSC    M  B24            B238
DS     M  I831                  | DSC       M359           M358
DS     M  M321                  | DSC    M  R75            B238  *
DSC       M359        M358      | DS     M  S010
DS     M  N719                  | DS     M  S017 -S019
DS     M  N948                  | DS     M  S060 -S099
DS        Q200 -Q239            | DS     M  T360 -T659
DSC    M  R75           B238  *|
                               |
                               |
```

```
          --- I677  ---          |       --- I700 -I702  ---
                                 |             CONTINUED
DSC        M359         M358     | SDC    M  G319         I672
                                 | SDC       G934         I672
          --- I678  ---          | SDC       G938         I638
                                 | SDC       G939         I672
DSC    M  B24          B238      | SDC       H309         I708
DSC       M359         M358      | SDC       H350         I708
DSC    M  R75          B238   *  | LDC    M  I050         I342
DS     M  S010                   | LDC    M  I051         I340
DS     M  S017 -S019             | LDC    M  I052         I342
DS     M  S060 -S099             | LDC    M  I058 -I059   I348
DS     M  T360 -T659             | LDC    M  I060         I350
DS     M  T71                    | LDC    M  I061         I351
                                 | LDC    M  I062         I352
          --- I679  ---          | LDC    M  I068 -I069   I358
                                 | LDC    M  I070         I360
DSC    M  B24          B238      | LDC    M  I071         I361
SMP       I600 -I678             | LDC    M  I072         I362
DSC       M359         M358      | LDC    M  I078 -I079   I368
DSC    M  R75          B238   *  | LDC    M  I089         I38
                                 | LMP       I10  -I259
      --- I690 -I691  ---        | LDP       I340 -I38
                                 | SDC       I429         I251
DSC    M  B24          B238      | LMP       I514 -I516
DSC       M359         M358      | LMP       I518 -I698
DSC    M  R75          B238   *  | SDC    M  I678 -I679   I672
                                 | LDP       I710 -I789
          --- I692  ---          | LDP       K550 -K559
                                 | SDC       N030 -N039   I129
DSC    M  B24          B238      | SDC       N050 -N059   I129
SMP       I690 -I691             | SDC       N12          I129
DSC       M359         M358      | LDC       N26          I129
DSC    M  R75          B238   *  |
                                 |        --- I708   ---
          --- I693  ---          |
                                 | SDC       G20  -G2000  G218
DSC    M  B24          B238      | SDC    M  G319         I672
DSC       M359         M358      | SDC       G934         I672
DSC    M  R75          B238   *  | SDC       G938         I638
                                 | SDC       G939         I672
          --- I694  ---          | LDC    M  I050         I342
                                 | LDC    M  I051         I340
DSC    M  B24          B238      | LDC    M  I052         I342
SMP       I690 -I693             | LDC    M  I058 -I059   I348
DSC       M359         M358      | LDC    M  I060         I350
DSC    M  R75          B238   *  | LDC    M  I061         I351
                                 | LDC    M  I062         I352
          --- I698  ---          | LDC    M  I068 -I069   I358
                                 | LDC    M  I070         I360
DSC    M  B24          B238      | LDC    M  I071         I361
SMP       I690 -I694            | LDC    M  I072         I362
DSC    M  M359         M358      | LDC    M  I078 -I079   I368
DSC    M  R75          B238   *  | LDC    M  I089         I38
                                 | LMP       I10  -I259
      --- I700 -I702  ---        | LDP       I340 -I38
                                 | SDC       I429         I251
SDC        G20  -G2000  G218     | LMP       I514 -I516
```

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                              TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


              --- I708  ---              |          --- I712  ---
                 CONTINUED               |             CONTINUED
LMP         I518 -I698                   | SMP    M  B948
SDC    M    I678 -I679      I672         | SMP       I710
LDP         I710 -I789                   | LMP       I711
LDP         K550 -K559                   | LMC       I718              I711
SDC         N030 -N039      I129         |
SDC         N050 -N059      I129         |          --- I713  ---
SDC         N12             I129         |
LDC         N26             I129         | SMP    M  A520
                                         | SMP    M  B948
              --- I709  ---              | SMP       I710
                                         |
SDC         G20  -G2000     G218         |          --- I714  ---
LDC         G219            G218         |
SDC    M    G319            I672         | SMP    M  A520
SDC         G934            I672         | SMP    M  B948
SDC         G938            I638         | SMP       I710
SDC         G939            I672         | LMP       I713
SDC         H309            I708         | LMC       I718              I713
LDC         H350            I708   *     |
LDC    M    I050            I342         |          --- I715  ---
LDC    M    I051            I340         |
LDC    M    I052            I342         | SMP    M  A520
LDC    M    I058 -I059      I348         | SMP    M  B948
LDC    M    I060            I350         | SMP       I710
LDC    M    I061            I351         |
LDC    M    I062            I352         |          --- I716  ---
LDC    M    I068 -I069      I358         |
LDC    M    I070            I360         | SMP    M  A520
LDC    M    I071            I361         | SMP    M  B948
LDC    M    I072            I362         | SMP       I710
LDC    M    I078 -I079      I368         | LMP       I715
LDC    M    I089            I38          | LMC       I718              I715
LMP         I10  -I259                   |
LDP         I340 -I38                    |          --- I718  ---
SDC         I429            I251         |
LMP         I514 -I516                   | SMP    M  A520
LMP         I518 -I698                   | SMP    M  B948
SDC    M    I678 -I679      I672         | SMP       I710 -I711
SMP         I700 -I708                   | DSC       I712              I711
LDP         I710 -I789                   | SMP       I713
LDP         K550 -K559                   | DSC       I714              I713
SDC         N030 -N039      I129         | SMP       I715
SDC         N050 -N059      I129         | DSC       I716              I715
SDC         N12             I129         |
LDC         N26             I129         |          --- I719  ---
LMC         R02             I702         |
                                         | SMP    M  A520
              --- I711  ---              | SMP    M  B948
                                         | LMP       I710 -I718
SMP    M    A520                         |
SMP    M    B948                         |          --- I720  ---
SMP         I710                         |
                                         | SMC       I600            I6000
              --- I712  ---              | SMP       I6000
                                         | SMC       I601 -I606      I6000
SMP    M    A520                         | SMC       I607            I6000
                              E-172  (11-04)
```

```
        --- I720  ---           |       --- I739  ---
          CONTINUED             |         CONTINUED
SMC       I608         I6000    | DSC      E108 -E109  E105  *
SMC       I609         I6000    | DSC      E110 -E114  E117
SMC       I610 -I629   I6000    | DS       E115              *
                                | DSC      E116        E117
        --- I729  ---           | DS       E117              *
                                | DSC      E118 -E119  E115  *
SMP    M  A162                  | DSC      E120 -E124  E127
SMP    M  A505                  | DS       E125              *
SMP    M  A520                  | DSC      E126        E127
SMP    M  B908                  | DS       E127              *
SMP    M  B948                  | DSC      E128 -E129  E125  *
SMP    M  E143                  | DSC      E130 -E134  E137
SMP    M  H114                  | DS       E135              *
SMP    M  H350                  | DSC      E136        E137
SMP    M  I078                  | DS       E137              *
SMP    M  I219                  | DSC      E138 -E139  E135  *
SMP       I253                  | DSC      E140 -E144  E147
SMP    M  I254                  | DS       E145              *
SMP    M  I258                  | DSC      E146        E147
SMP    M  I280                  | DS       E147              *
SMP       I281                  | DSC      E148 -E149  E145  *
SMP    M  I348                  | SMP      I730 -I738
SMP    M  I358                  |
SMP    M  I378                  |       --- I740  ---
SMP    M  I38                   |
SMP       I6000                 | DS    M  I48
SMP       I6060                 |
SMP       I6070                 |       --- I741  ---
SMP       I6080                 |
SMP       I6090                 | DS    M  I48
SMP    M  I671                  | SMP   M  I740
SMP       I710 -I728            |
SMP    M  I770                  |     --- I742 -I743  ---
SMP    M  I868                  |
SMP    M  Q141                  | DSC      B24         B238
SMP    M  Q245                  | DS    M  I48
SMP    M  Q257                  | DSC      R75         B238  *
SMP    M  Q273                  |
SMP       Q2780                 |       --- I744  ---
SMP    M  Q280 -Q281            |
SMP       Q2820                 | DS    M  A010
SMP       Q2830                 | DS    M  A188
                                | DS    M  A328
        --- I730  ---           | DS    M  A395
                                | DS    M  A520
DS     M  C880                  | DS    M  A548
DS     M  I700 -I709            | DS    M  A78
DS     M  M300 -M328            | DSC      B24         B238
DS     M  M330 -M359            | DS    M  B332
                                | DS    M  B376
        --- I739  ---           | DS    M  B570
                                | DS    M  B572
DSC       E100 -E104   E107     | DS    M  B908
DS        E105              *   | DS    M  B948
DSC       E106         E107     | DS    M  D735
DS        E107             *    | DS    M  G08
```

```
            --- I744  ---          |        --- I748  ---
             CONTINUED             |         CONTINUED
DS      M  G951                    | DS     M  I423 -I424
DS      M  H348                    | DS     M  I48
DS      M  H350                    | DS        I513
DS         I010 -I099              | DS        I630
DS      M  I269                    | DS        I633
DS         I330 -I38              | DS        I636
DS      M  I423 -I424              | DS        I676
DS      M  I48                     | DS     M  I788
DS         I513                    | DS        I800 -I829
DS         I630                    | DS     M  I831
DS         I633                    | DS     M  K550
DS         I636                    | DS        K751
DS         I676                    | DS     M  M321
SMP        I742 -I743              | DS     M  N501
DS      M  I788                    | DS     M  N719
DS         I800 -I829              | DS     M  N948
DS      M  I831                    | DS        Q220 -Q239
DS      M  K550                    | DSC       R75          B238  *
DS         K751                    |
DS      M  M321                    |        --- I749  ---
DS      M  N501                    |
DS      M  N719                    | DS     M  A010
DS      M  N948                    | DS     M  A188
DS         Q220 -Q239              | DS     M  A328
DSC        R75          B238  * | DS     M  A395
                                   | DS     M  A520
            --- I745  ---          | DS     M  A548
                                   | DS     M  A78
DSC        B24          B238       | DSC       B24          B238
DS      M  I48                     | DS     M  B332
DSC        R75          B238  * | DS     M  B376
                                   | DS     M  B570
            --- I748  ---          | DS     M  B572
                                   | DS     M  B908
DS      M  A010                    | DS     M  B948
DS      M  A188                    | DS     M  D735
DS      M  A328                    | SMP    M  G061
DS      M  A395                    | DS     M  G08
DS      M  A520                    | DS     M  G951
DS      M  A548                    | SMP    M  H342
DS      M  A78                     | DS     M  H348
DSC        B24          B238       | DS     M  H350
DS      M  B332                    | DS        I010 -I099
DS      M  B376                    | SMP       I210 -I229
DS      M  B570                    | SMP    M  I269
DS      M  B572                    | DS        I330 -I38
DS      M  B908                    | DS     M  I423 -I424
DS      M  B948                    | DS     M  I48
DS      M  D735                    | DS        I513
DS      M  G08                     | DS        I630
DS      M  G951                    | SMP       I631
DS      M  H348                    | DS        I633
DS      M  H350                    | SMP       I634
DS         I010 -I099              | DS        I636
DS      M  I269                    | DS        I676
DS         I330 -I38              | SMP       I740 -I748
```

```
        --- I749  ---      |      --- I800 -I801  ---
          CONTINUED        |          CONTINUED
DS    M  I788              | DSC   M  R75          B201  *
DS       I800 -I829        | DSC   M  R75          B203  *
DS    M  I831              | DSC   M  R75          B208  *
SMP   M  K5500             | DS    M  S700 -S999
DS       K751              | DS    M  T003
DS    M  M321              | DS    M  T013
SMP   M  N280              | DS    M  T023
DS    M  N501              | DS    M  T025
DS    M  N719              | DS    M  T033
DS    M  N948              | DS    M  T043
DS       Q220 -Q239        | DS    M  T053
DSC      R75       B238  * | DS    M  T12  -T139
                          | DS    M  T240 -T257
        --- I771  ---      | DS    M  T336 -T339
                          | DS    M  T346 -T349
DS    M  C000 -C959        | DS    M  T930 -T940
                          | DS    M  T953
        --- I776  ---      | DS    M  T959
                          |
SMP   M  A505             |      --- I802  ---
SMP   M  A520             |
SMP   M  B948             | DSC   M  B24          B201
SMP   M  I258             | DSC   M  B24          B203
SMP      I677             | DSC   M  B24          B208
DSC   M  M069      M052   | DSC      I830         I832
SMP   M  M313 -M316       | DSC      I839         I831
                          | DSC   M  R75          B201  *
        --- I779  ---      | DSC   M  R75          B203  *
                          | DSC   M  R75          B208  *
SMP   M  A520             | DS    M  S700 -S999
SMP   M  B948             | DS    M  T003
SMP   M  I210 -I289       | DS    M  T013
SMP   M  I514 -I5150      | DS    M  T023
SMP   M  I600 -I629       | DS    M  T025
SMP      I630 -I639       | DS    M  T033
SMP   M  I64              | DS    M  T043
SMP      I670             | DS    M  T053 -T055
SMP   M  I671             | DS    M  T12  -T139
SMP      I672             | DS    M  T240 -T257
SMP   M  I673 -I676       | DS    M  T336 -T339
SMP      I677             | DS    M  T346 -T349
SMP   M  I678 -I698       | DS    M  T930 -T940
SMP      I700 -I778       | DS    M  T953
SMP      M300 -M319       | DS    M  T959
                          |
        --- I789  ---      |      --- I803  ---
                          |
SMP      I780 -I788       | DSC   M  B24          B201
                          | DSC   M  B24          B203
        --- I800 -I801  ---| DSC   M  B24          B208
                          | SMP      I800 -I802
DSC   M  B24       B201   | DSC      I830         I832
DSC   M  B24       B203   | DSC      I839         I831
DSC   M  B24       B208   | DSC   M  R75          B201  *
DSC      I830      I832   | DSC   M  R75          B203  *
DSC      I839      I831   | DSC   M  R75          B208  *
```

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        --- I803 ---            |        --- I828  ---
            CONTINUED           |
DS    M  S700 -S999             | DSC       B24         B238
DS    M  T003                   | DSC    M  I842         I840
DS    M  T013                   | DSC    M  I845         I843
DS    M  T023                   | DSC    M  I849         I847
DS    M  T025                   | DSC       R75         B238   *
DS    M  T033                   |
DS    M  T043                   |        --- I829  ---
DS    M  T053 -T055             |
DS    M  T12  -T139             | DSC       B24         B238
DS    M  T240 -T257             | SMP    M  D735
DS    M  T336 -T339             | SMP    M  G08
DS    M  T346 -T349             | SMP    M  G951
DS    M  T930 -T940             | SMP    M  I078
DS    M  T953                   | SMP    M  I210 -I229
DS    M  T959                   | SMP    M  I269
                               | SMP    M  I348
        --- I808  ---           | SMP    M  I358
                               | SMP       I630
DSC   M  B24         B201       | SMP       I633
DSC   M  B24         B203       | SMP       I636
DSC   M  B24         B208       | SMP       I676
DSC   M  R75         B201  *    | SMP       I800 -I828
DSC   M  R75         B203  *    | SMP    M  K550
DSC   M  R75         B208  *    | DSC       R75         B238   *
                               |
        --- I809  ---           |        --- I830  ---
                               |
DSC   M  B24         B201       | LMC       I800 -I803  I832
DSC   M  B24         B203       | LMC       I809        I832
DSC   M  B24         B208       | LMC       I831        I832
SMP      G08                    | LMP       I832
SMP   M  G951                   | LMC    M  L080 -L089  I832
SMP   M  I676                   |
SMP      I800 -I808             |        --- I831  ---
DSC      I830       I832        |
DSC      I839       I831        | LMC       I830        I832
SMP      K751                   | LMP       I832
DSC   M  R75         B201  *    | LMC       L97         I832
DSC   M  R75         B203  *    | LMC    M  L984        I832
DSC   M  R75         B208  *    |
                               |        --- I839  ---
        --- I821  ---           |
                               | LMC       I800 -I803  I831
DSC   M  B24         B201       | LMC       I809        I831
DSC   M  B24         B203       | LMP       I830 -I832
DSC   M  B24         B208       | SMP    M  I850 -I868
DSC   M  R75         B201  *    | LMC    M  L080 -L089  I831
DSC   M  R75         B203  *    | LMC       L97         I830
DSC   M  R75         B208  *    | LMC    M  L984        I830
                               |
    --- I822 -I823  ---         |        --- I842  ---
                               |
DSC      B24         B238       | LMC    M  I828        I840
DSC      R75         B238  *    | SMP       I840 -I841
                               | LMC    M  K623        I841
                               | LMC    M  K625 -K626  I841
```

```
        --- I845 ---           |          --- I879 ---
                               |
LMC    M  I828          I843   | DSC       B24          B238
SMP       I843 -I844          | SMP       I800 -I878
LMC    M  K623          I844   | DSC       R75          B238  *
LMC    M  K625 -K626    I844   |
                               |       --- I880 -I888 ---
        --- I847 ---           |
                               | DSC   M  B24          B201
SMP       I840                 | DSC   M  B24          B203
SMP       I843                 | DSC   M  B24          B208
                               | DSC   M  R75          B201  *
        --- I848 ---           | DSC   M  R75          B203  *
                               | DSC   M  R75          B208  *
SMP       I841                 |
SMP       I844                 |       --- I889 ---
                               |
        --- I849 ---           | DSC   M  B24          B201
                               | DSC   M  B24          B203
LMC    M  I828          I847   | DSC   M  B24          B208
SMP       I840 -I848          | SMP       I880 -I888
LMC    M  K623          I848   | DSC   M  R75          B201  *
LMC    M  K625 -K626    I848   | DSC   M  R75          B203  *
                               | DSC   M  R75          B208  *
        --- I850 ---           |
                               |       --- I890 ---
DS        F100 -F109          |
DS        K700 -K709          | DS    M  A182
DS     M  K721                | DS    M  A184
DS        K730 -K746          | DS    M  A281
DS        K760                | DS    M  A400 -A409
DS        K766                | DS    M  A500 -A539
DS        K768 -K769          | DS    M  B350 -B49
                               | DS    M  B72
        --- I859 ---           | DS    M  B740 -B749
                               | DS    M  B908
DS        F100 -F109          | DS    M  B948
SMP       I850                | DS    M  C000 -D489
LMC    M  K228          I850  | DS    M  I800 -I809
DS        K700 -K709          | DS    M  I830 -I839
DS     M  K721                | DS    M  I891 -I898
DS        K730 -K746          | DS    M  L020 -L039
DS        K760                | DS    M  L89
DS        K766                | DS    M  L97
DS        K768 -K769          | DS    M  L984
LMC       K920 -K922    I850  | DS    M  T66
                               | DS    M  W88  -W91
        --- I868 ---           | DS    M  Y400 -Y599
                               | DS    M  Y632 -Y633
DS     M  B150 -B199          | DS    M  Y836
DS     M  K700 -K769          | DS    M  Y842
                               |
    --- I871 -I878 ---         |       --- I899 ---
                               |
DSC       B24          B238   | SMP       I890 -I898
DSC       R75          B238 * |
                               |
                               |
```

```
                              TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


            --- I951  ---              |         --- I99  ---
                                       |          CONTINUED
DSC         B24            B238    | DSC    M  E128 -E129  E125
DSC         G20  -G2000  G903    | DSC    M  E130 -E134  E137
DSC         R75            B238  * | DS        E135                 *
                                       | DSC    M  E136          E137
            --- I958  ---              | DS        E137                 *
                                       | DSC    M  E138 -E139  E135
DSC         B24            B238    | DSC    M  E140 -E144  E147
DSC         R75            B238  * | DS        E145                 *
                                       | DSC    M  E146          E147
            --- I970  ---              | DS        E147                 *
                                       | DSC    M  E148 -E149  E145
DS          Y838                       |
DS       M  Y883                       |         --- J00   ---
                                       |
            --- I971  ---              | DS        E840
                                       | DSC       E841          E848
DS          Y830 -Y832              | DS     M  E848
DS          Y834                       | DSC       E849          E840
DS          Y836 -Y839              | DS     M  E854
DS       M  Y883                       | DSC       E859          E854  *
                                       | LDP       G038
            --- I972  ---              | LDP       G060
                                       | LDP       H650 -H669
DS          Y834                       | LDP       H700 -H709
DS       M  Y836 -Y839              | LMP       J100 -J118
DS       M  Y883                       | LMC       J1010         J101
                                       | LMC       J1110         J111
            --- I978  ---              | LDP       J120 -J219
                                       | SMP    M  J311
DS          Y600 -Y849              | LDP       J40  -J42
DS          Y881                       | LDP       J440 -J449
DS          Y883                       | LDP       N000 -N009
                                       |
            --- I979  ---              |         --- J010  ---
                                       |
SMP         I970 -I978              | DSC    M  B24           B201
DS          Y600 -Y849              | DSC    M  B24           B203
DS          Y881                       | DSC    M  B24           B208
DS          Y883                       | DS        E840
                                       | DSC       E841          E848
            --- I99   ---              | DS     M  E848
                                       | DSC       E849          E840
DSC      M  E100 -E104  E107    | DS     M  E854
DS          E105                 * | DSC       E859          E854  *
DSC      M  E106          E107    | LMP       J100 -J101
DS          E107                 * | LMC       J1010         J101
DSC      M  E108 -E109  E105    | LMP       J108 -J111
DSC      M  E110 -E114  E117    | LMC       J1110         J111
DS          E115                 * | LMP       J118
DSC      M  E116          E117    | DSC    M  R75           B201  *
DS          E117                 * | DSC    M  R75           B203  *
DSC      M  E118 -E119  E115    | DSC    M  R75           B208  *
DSC      M  E120 -E124  E127    |
DS          E125                 * |         --- J011 -J018  ---
DSC      M  E126          E127    |
DS          E127                 * | DSC    M  B24           B201
                              E-178  (11-04)
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                          TABLE E
       MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


       --- J011 -J018  ---           |        --- J028  ---
             CONTINUED               |          CONTINUED
DSC    M  B24          B203      | LMC        J1110        J111
DSC    M  B24          B208      | LMP        J118
DSC       E841         E848      | DSC    M  R75          B201   *
DSC       E849         E840      | DSC    M  R75          B203   *
DSC       E859         E854   *  | DSC    M  R75          B208   *
LMP       J100 -J101             |
LMC       J1010        J101      |        --- J029  ---
LMP       J108 -J111             |
LMC       J1110        J111      | SMP    M  A168
LMP       J118                   | SMP    M  A360
DSC    M  R75          B201   *  | SMP    M  A500
DSC    M  R75          B203   *  | SMP       A545
DSC    M  R75          B208   *  | SMP       A564
                                 | SMP    M  A691
       --- J019  ---             | SMP    M  B002
                                 | SMP    M  B085
DSC    M  B24          B201      | DSC    M  B24          B201
DSC    M  B24          B203      | DSC    M  B24          B203
DSC    M  B24          B208      | DSC    M  B24          B208
DSC       E841         E848      | DSC       E841         E848
DSC       E849         E840      | DSC       E849         E840
DSC       E859         E854   *  | DSC       E859         E854   *
SMP       J010 -J018             | SMP       J020 -J028
LMP       J100 -J101             | LMP       J100 -J118
LMC       J1010        J101      | LMC       J1010        J101
LMP       J108 -J111             | LMC       J1110        J111
LMC       J1110        J111      | SMP       J312
LMP       J118                   | DSC    M  R75          B201   *
DSC    M  R75          B201   *  | DSC    M  R75          B203   *
DSC    M  R75          B203   *  | DSC    M  R75          B208   *
DSC    M  R75          B208   *  |
                                 |        --- J030  ---
       --- J020  ---             |
                                 | DSC       B24          B201
DSC       B24          B201      | DSC       E841         E848
DSC       E841         E848      | DSC       E849         E840
DSC       E849         E840      | DSC       E859         E854   *
DSC       E859         E854   *  | LMP       J100 -J101
LMP       J100 -J101             | LMC       J1010        J101
LMC       J1010        J101      | LMP       J108 -J111
LMP       J108 -J111             | LMC       J1110        J111
LMC       J1110        J111      | LMP       J118
LMP       J118                   | DSC       R75          B201   *
DSC       R75          B201   *  |
                                 |        --- J038  ---
       --- J028  ---             |
                                 | DSC    M  B24          B201
DSC    M  B24          B201      | DSC    M  B24          B203
DSC    M  B24          B203      | DSC    M  B24          B208
DSC    M  B24          B208      | DSC       E841         E848
DSC       E841         E848      | DSC       E849         E840
DSC       E849         E840      | DSC       E859         E854   *
DSC       E859         E854   *  | LMP       J100 -J101
LMP       J100 -J101             | LMC       J1010        J101
LMC       J1010        J101      | LMP       J108 -J111
LMP       J108 -J111             | LMC       J1110        J111
                          E-179  (11-04)
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                            TABLE E
       MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


              --- J038  ---          |         --- J041  ---
                 CONTINUED           |
LMP          J118                     | LMP    M  A164
DSC     M  R75          B201  * | SMP    M  A368
DSC     M  R75          B203  * | SMP    M  A527
DSC     M  R75          B208  * | DSC    M  B24           B201
                                    | DSC    M  B24           B203
              --- J039  ---          | DSC    M  B24           B208
                                    | DS        E840
SMP     M  A168                     | DSC       E841          E848
SMP     M  A360                     | DS     M  E848
SMP     M  A691                     | DSC       E849          E840
DSC     M  B24          B201        | DS     M  E854
DSC     M  B24          B203        | DSC       E859          E854  *
DSC     M  B24          B208        | LMC       J040          J042
DSC       E841          E848        | DS        J042
DSC       E849          E840        | LMP       J100 -J101
DSC       E859          E854  * | LMC       J1010         J101
SMP        J030 -J038              | LMP       J108 -J111
LMP        J100 -J101              | LMC       J1110         J111
LMC        J1010         J101       | LMP       J118
LMP        J108 -J111              | LMP       J200 -J209
LMC        J1110         J111       | LMC    M  J370          J371
LMP        J118                     | DS        J371
DSC     M  R75          B201  * | LMP       J40
DSC     M  R75          B203  * | LMP       J42
DSC     M  R75          B208  * | DSC    M  R75           B201  *
                                    | DSC    M  R75           B203  *
              --- J040  ---          | DSC    M  R75           B208  *
                                    |
SMP     M  A164                     |         --- J042  ---
SMP     M  A362                     |
SMP     M  A505                     | SMP    M  A164
SMP     M  A527                     | SMP       A362
SMP     M  A691                     | SMP    M  A527
DSC     M  B24          B201        | SMP    M  A691
DSC     M  B24          B203        | DSC    M  B24           B201
DSC     M  B24          B208        | DSC    M  B24           B203
DS        E840                     | DSC    M  B24           B208
DSC       E841          E848        | DS        E840
DS     M  E848                     | DSC       E841          E848
DSC       E849          E840        | DS     M  E848
DS     M  E854                     | DSC       E849          E840
DSC       E859          E854  * | DS     M  E854
LMC        J041          J042       | DSC       E859          E854  *
DS        J042                     | LMP       J100 -J101
SMP        J050                     | LMC       J1010         J101
LMP        J100 -J101              | LMP       J108 -J111
LMC        J1010         J101       | LMC       J1110         J111
LMP        J108 -J111              | LMP       J118
LMC        J1110         J111       | SMP       J371
LMP        J118                     | DSC    M  R75           B201  *
SMP     M  J370                     | DSC    M  R75           B203  *
DS        J371                     | DSC    M  R75           B208  *
LMP        J42                     |
DSC     M  R75          B201  * |         --- J050  ---
DSC     M  R75          B203  * |
DSC     M  R75          B208  * | SMP       A362
                            E-180  (11-04)
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          --- J050  ---            |         --- J060  ---
            CONTINUED              |           CONTINUED
DSC    M  B24           B201       | LDP       J40  -J42
DSC    M  B24           B203       | LDP       J440 -J449
DSC    M  B24           B208       | LDP       N000 -N009
DS        E840                     |
DSC       E841         E848        |         --- J068  ---
DS     M  E848                     |
DSC       E849         E840        | SMP    M  B002
DS     M  E854                     | DS        E840
DSC       E859         E854   *    | DSC       E841         E848
LMP       J100 -J101               | DS     M  E848
LMC       J1010        J101        | DSC       E849         E840
LMP       J108 -J111               | DS     M  E854
LMC       J1110        J111        | DSC       E859         E854   *
LMP       J118                     | LDP       G038
SMP    M  J200 -J209               | LDP       G060
SMP    M  J385                     | LDP       H650 -H669
DSC    M  R75          B201   *    | LDP       H700 -H709
DSC    M  R75          B203   *    | DS     M  J101
DSC    M  R75          B208   *    | LMC       J1010        J101
                                   | DS     M  J111
          --- J051  ---            | LMC       J1110        J111
                                   | LDP       J120 -J219
DSC    M  B24          B201        | LDP       J40  -J42
DSC    M  B24          B203        | SMP    M  J42
DSC    M  B24          B208        | LDP       J440 -J449
DS        E840                     | LDP       N000 -N009
DSC       E841         E848        |
DS     M  E848                     |         --- J069  ---
DSC       E849         E840        |
DS     M  E854                     | DS        E840
DSC       E859         E854   *    | DSC       E841         E848
LMP       J100 -J101               | DS     M  E848
LMC       J1010        J101        | DSC       E849         E840
LMP       J108 -J111               | DS     M  E854
LMC       J1110        J111        | DSC       E859         E854   *
LMP       J118                     | LDP       G038
SMP       J370                     | LDP       G060
DSC    M  R75          B201   *    | LDP       H650 -H669
DSC    M  R75          B203   *    | LDP       H700 -H709
DSC    M  R75          B208   *    | SMP       J00  -J068
                                   | LMP       J100 -J101
          --- J060  ---            | LMC       J1010        J101
                                   | LMP       J108 -J111
DSC       E841         E848        | LMC       J1110        J111
DSC       E849         E840        | LMP       J118
DSC       E859         E854   *    | LDP       J120 -J219
LDP       G038                     | LDP       J40  -J42
LDP       G060                     | LDP       J440 -J449
LDP       H650 -H669               | LDP       N000 -N009
LDP       H700 -H709               |
LMP       J100 -J101               |         --- J1010 ---
LMC       J1010        J101        |
LMP       J110 -J111               | LMC       A083 -A085   J108
LMC       J1110        J111        | LMC       G039         J108
LDP       J120 -J219               | LMC       G048 -G049   J108
SMP       J370                     | LMC       G319         J108
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        --- J1010 ---          |      --- J120 -J128  ---
           CONTINUED           |         CONTINUED
LMC        G934        J108    | DS        D890 -D899
LMC        H660        J108    | DSC       E841           E848
LMC    M   H669        J108    | DSC       E849           E840
LMC        I409        J108    | LMP       J100
LMC    M   I514        J108    | LMC       J101 -J108  J100
LMC        J010 -J029  J101    | LMP       J110
LMC        J040 -J042  J101    | LMC       J111 -J118  J110
LMC        J060 -J069  J101    | DSC   M   M300           M301
SMP        J100 -J101          | DS    M   M302 -M319
SMP        J108               | DSC       R75            B203
LMC        J120 -J189  J100    | DS        T451
LMC        J320 -J329  J101    |
LMC        J690        J100    |        --- J129  ---
LMC        J90         J101    |
LMC        K290 -K291  J108    | DSC       B24            B203
LMC        K296 -K299  J108    | DS        D45  -D469
LMC        K529        J108    | DS        D70
LMC        K920 -K922  J108    | DS        D800 -D849
LMC        R05         J101    | DS        D890 -D899
LMC        R11         J108    | DSC       E841           E848
LMC        R291        J108    | DSC       E849           E840
                               | LMP       J100
                               | LMC       J101 -J108  J100
        --- J1110 ---          | LMP       J110
                               | LMC       J111 -J118  J110
LMC        A083 -A085  J118    | SMP       J120 -J128
LMC        G039        J118    | DSC   M   M300           M301
LMC        G048 -G049  J118    | DS    M   M302 -M319
LMC        G319        J118    | DSC       R75            B203
LMC        G934        J118    | DS        T451
LMC        H660        J118    |
LMC    M   H669        J118    |      --- J13  -J158  ---
LMC        I409        J118    |
LMC    M   I514        J118    | DSC       B24            B201
LMC        J010 -J029  J111    | DS        D45  -D469
LMC        J040 -J042  J111    | DS        D70
LMC        J060 -J069  J111    | DS        D800 -D849
SMP        J110 -J111          | DS        D890 -D899
SMP        J118               | DSC       E841           E848
LMC        J120 -J189  J110    | DSC       E849           E840
LMC        J320 -J329  J111    | LMP       J100
LMC        J690        J110    | LMC       J101 -J108  J100
LMC        J90         J111    | LMP       J110
LMC        K290 -K291  J118    | LMC       J111 -J118  J110
LMC        K296 -K299  J118    | DSC   M   M300           M301
LMC        K529        J118    | DS    M   M302 -M319
LMC        K920 -K922  J118    | DSC       R75            B201
LMC        R05         J111    | DS        T451
LMC        R11         J118    |
LMC        R291        J118    |        --- J159  ---
                               |
        --- J120 -J128  ---    | SMP   M   A022
                               | SMP   M   A162
DSC        B24         B203    | SMP   M   A221
DS         D45  -D469          | SMP   M   A500
DS         D70                 | SMP   M   A548
DS         D800 -D849          |
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            --- J159  ---         |        --- J180  ---
              CONTINUED           |          CONTINUED
DSC           B24         B201    | DS       B003 -B004
SMP           B371                | DS       B007
DS            D45  -D469          | DS       B009 -B018
DS            D70                 | DSC      B019          B012
DS            D800 -D849          | DS       B020 -B058
DS            D890 -D899          | DSC      B059          B052
DSC           E841        E848    | DS       B060 -B068
DSC           E849        E840    | DSC      B069          B068
LMP           J100                | DS       B080
LMC           J101 -J108  J100    | DS       B082 -B085
LMP           J110                | DS       B09  -B199
LMC           J111 -J118  J110    | DSC      B24           B208
SMP           J13  -J158          | DS       B250 -B279
SMP     M     J160 -J168          | DS       B330 -B349
DSC     M     M300        M301    | DS       B370 -B395
DS      M     M302 -M319          | DSC      B399          B392
SMP           P231 -P238          | DS       B400 -B448
DSC           R75         B201    | DSC      B449          B441
DS            T451                | DS       B450 -B588
                                  | DSC      B589          B583
        --- J160 -J168  ---       | DS       B59  -B778
                                  | DSC      B779          B778
DSC           B24         B208    | DS       B780 -B839
DS            D45  -D469          | DS       B86  -B949
DS            D70                 | SMP    M  B99
DS            D800 -D849          | DS       C000 -C97
DS            D890 -D899          | DS       D320 -D339
DSC           E841        E848    | DS       D370 -D479
DSC           E849        E840    | DS       D70
LMP           J100                | DS       D800 -D899
LMC           J101 -J108  J100    | DS     M  E000 -E038
LMP           J110                | DS       E0390
LMC           J111 -J118  J110    | DS       E050 -E059
DSC     M     M300        M301    | DS       E100 -E108
DS      M     M302 -M319          | DS       E110 -E118
DSC           R75         B208    | DS       E120 -E128
DS            T451                | DS       E130 -E138
                                  | DS       E140 -E148
        --- J180  ---             | DS       E15
                                  | DS       E40  -E43
DS            A000 -A028          | DS       E46
DSC           A029        A022    | DS       E640
DS            A030 -A218          | DS       E840
DSC           A219        A212    | DSC      E841          E848
DS            A220 -A228          | DS       E848
DSC           A229        A221    | DSC      E849          E840
DS            A230 -A243          | DS     M  E850 -E858
DSC           A244        A241    | DS       F010 -F03
DS            A250 -A310          | DS       F202
DS            A318 -A427          | DS       F322 -F323
DSC           A429        A420    | DS       F332 -F333
DS            A430 -A599          | DS       F500
DS            A601 -A70           | DS       F502
DS            A748                | DS       F73
DSC           A749        J160    | DS       G000 -G09
DS            A750 -B001          | DS     M  G10  -G121
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--- J180 ---

		--- J180 --- CONTINUED				--- J180 --- CONTINUED	
DS		G1220		DS	M	M350 -M352	
DS	M	G128 -G129		DS	M	M354 -M359	
DS		G2000		DS		M410 -M435	
DS	M	G210 -G308		DS	M	M45 -M479	
DS		G3090		DS	M	M481 -M519	
DS	M	G310 -G319		DS	M	M610 -M619	
DS		G3500		DS	M	M623 -M624	
DS	M	G360 -G419		DS		M800 -M849	
DS	M	G521		DS		M860 -M869	
DS	M	G600 -G819		DS	M	M870 -M879	
DS		G820 -G825		DS	M	M910 -M949	
DS	M	G830 -G931		DS	M	M960 -M969	
DS	M	G934		DS		P270 -P279	
DS		G935 -G936		DS	M	Q000 -Q079	
DS	M	G937 -G939		DS		Q200 -Q249	
DS		G950 -G959		DS		Q310 -Q359	
DS	M	G960 -G98		DS		Q370 -Q379	
DS	M	I00 -I029		DS		Q750 -Q799	
DS		I5000		DS		Q850 -Q999	
DS	M	I501 -I509		DSC		R75	B208
DS	M	I515 -I516		DS		S017	
DS	M	I519		DS		S019 -S029	
DS		I600 -I698		DS		S057	
DS	M	J010 -J019		DS		S060 -S090	
DS		J020 -J051		DS		S097 -S099	
DS		J100		DS		S110 -S134	
DSC		J101 -J108	J100	DS		S136 -S141	
DS		J110		DS		S146 -S159	
DSC		J111 -J118	J110	DS		S170 -S179	
DS		J120 -J168		DS		S197 -S199	
DS		J200 -J22		DS		S210 -S231	
DS		J392		DS		S233	
DS		J40 -J851		DS		S235 -S241	
DSC		J852	J851	DS		S250 -S299	
DS		J853 -J869		DS		S310 -S311	
DS	M	J930 -J949		DS		S317 -S321	
DS	M	K500 -K519		DS		S323 -S331	
DS		K550 -K559		DS		S335	
DS		K700 -K719		DS		S337 -S341	
DS		K730 -K746		DS		S343	
DS	M	K750 -K761		DS		S350 -S399	
DS		K762		DS		S410 -S418	
DS	M	K763 -K769		DS		S427	
DS	M	K860 -K869		DS		S450 -S451	
DS		K900 -K919		DS		S457	
DS	M	L400 -L409		DS		S459	
DS		M000 -M009		DS		S47 -S497	
DS	M	M020 -M029		DS		S499	
DS		M050 -M089		DS		S510 -S519	
DS	M	M100 -M128		DS		S550 -S551	
DS		M130 -M169		DS		S557	
DS	M	M170 -M198		DS		S559	
DS		M1990		DS		S570 -S597	
DSC	M	M300	M301	DS		S599	
DS	M	M301 -M319		DS	M	S617 -S619	
DS		M320 -M349		DS	M	S650 -S651	

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        --- J180 ---              |        --- J180  ---
          CONTINUED               |          CONTINUED
DS     M  S657                    | DS         T270 -T300
DS     M  S659                    | DS         T303 -T304
DS     M  S684 -S699              | DS         T307
DS        S710 -S729              | DS         T313 -T319
DS        S750 -S759              | DS         T323 -T329
DS        S770 -S799              | DS         T340 -T344
DS        S810 -S829              | DS         T346 -T349
DS        S850 -S859              | DS         T351 -T68
DS        S870 -S899              | DS      M  T698
DS        S910                    | DS         T699
DS        S917                    | DS         T703 -T704
DS        S927                    | DS      M  T708
DS        S950 -S951              | DS         T709 -T741
DS        S957                    | DS         T749 -T751
DS        S959                    | DS         T754 -T889
DS        S970 -S999              | DS      M  T901
DS        T012 -T031              | DS         T902
DS        T033                    | DS      M  T904
DS     M  T038                    | DS         T905
DS        T039 -T08               | DS      M  T908
DS        T091                    | DS         T909
DS        T093                    | DS      M  T910
DS     M  T098                    | DS         T911
DS        T099 -T10               | DS      M  T912
DS        T111                    | DS         T913 -T915
DS        T114                    | DS      M  T918
DS        T116                    | DS         T919
DS     M  T118                    | DS      M  T920
DS        T119 -T12               | DS      M  T926 -T928
DS        T131                    | DS         T929
DS        T134                    | DS      M  T930
DS        T136                    | DS         T931
DS     M  T138                    | DS      M  T932
DS        T139                    | DS         T936
DS        T141 -T142              | DS      M  T938
DS        T145                    | DS         T939
DS        T147                    | DS      M  T940 -T959
DS     M  T148                    | DS         T96  -T983
DS        T149                    |
DS        T172 -T179              |        --- J181  ---
DS        T181 -T200              |
DS        T203 -T204              | SMP     M  A010
DS        T207 -T210              | SMP     M  A022
DS        T213 -T214              | SMP     M  A162
DS        T217 -T220              | SMP     M  A202
DS        T223 -T224              | SMP     M  A212
DS        T227                    | SMP     M  A221
DS     M  T230                    | SMP        A370
DS     M  T233 -T234              | SMP        A420
DS     M  T237                    | SMP        A430
DS        T240                    | SMP     M  A548
DS        T243 -T244              | SMP     M  A698
DS        T247                    | SMC        A70        J160
DS     M  T250                    | SMC        A749       J160
DS     M  T253 -T254              | SMP        A78
DS     M  T257                    | SMP        B012
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            --- J181  ---              |          --- J182  ---
               CONTINUED               |             CONTINUED
SMP        B052                        | DS        C000 -C97
SMP     M  B068                        | DS        D320 -D339
DSC        B24            B208         | DS        D370 -D479
SMP        B250                        | DS        D70
SMP     M  B371                        | DS        D800 -D899
SMP     M  B380                        | DS     M  E000 -E038
SMP     M  B382                        | DS        E0390
SMP        B390                        | DS        E050 -E059
SMP     M  B440                        | DS        E100 -E108
SMP        B583                        | DS        E110 -E118
SMP     M  B59                         | DS        E120 -E128
SMP     M  B658                        | DS        E130 -E138
SMP     M  B778                        | DS        E140 -E148
SMP     M  B99                         | DS        E15
DS         D45  -D469                  | DS        E40  -E43
DS         D70                         | DS        E46
DS         D800 -D849                  | DS        E640
DS         D890 -D899                  | DS        E840
DSC        E841           E848         | DSC       E841           E848
DSC        E849           E840         | DS        E848
SMP     M  I00                         | DSC       E849           E840
LMP        J100                        | DS     M  E850 -E859
LMC        J101           J100         | DS        F010 -F03
LMP        J110                        | DS        F202
LMC        J111           J110         | DS        F322 -F323
SMP        J120                        | DS        F332 -F333
SMP        J690                        | DS        F500
SMP     M  J700                        | DS        F502
SMP     M  J82                         | DS        F73
SMP     M  J841 -J8410                 | DS        G000 -G09
SMP     M  J850                        | DS     M  G10  -G121
SMP        J851                        | DS        G1220
LMC        J852           J851         | DS     M  G128 -G129
DSC     M  M300           M301         | DS        G2000
DS      M  M301 -M319                  | DS     M  G210 -G308
DSC        R75            B208         | DS        G3090
DS         T451                        | DS     M  G310 -G319
                                       | DS        G3500
            --- J182  ---              | DS     M  G360 -G419
                                       | DS     M  G521
DS         A000 -A310                  | DS     M  G600 -G819
DS         A318 -A427                  | DS        G820 -G825
DS         A429 -A599                  | DS     M  G830 -G931
DS         A601 -A70                   | DS     M  G934
DS         A748 -B001                  | DS        G935 -G936
DS         B003 -B004                  | DS     M  G937 -G939
DS         B007                        | DS        G950 -G959
DS         B009 -B069                  | DS     M  G960 -G98
DS         B080                        | DS     M  I00  -I029
DS         B082 -B085                  | DS        I5000
DS         B09  -B199                  | DS     M  I501 -I509
DSC        B24            B208         | DS     M  I515 -I516
DS         B250 -B279                  | DS     M  I519
DS         B330 -B349                  | DS        I600 -I698
DS         B370 -B839                  | DS     M  J010 -J019
DS         B86  -B949                  | DS        J020 -J051
```

		--- J182 ---		|		--- J182 ---	
		CONTINUED		|		CONTINUED	
DS		J100		|	DS		S136 -S141
DSC		J101 -J108	J100	|	DS		S146 -S159
DS		J110		|	DS		S170 -S179
DSC		J111 -J118	J110	|	DS		S197 -S199
DS		J200 -J22		|	DS		S210 -S231
DS		J392		|	DS		S233
DS		J40 -J851		|	DS		S235 -S241
DSC		J852	J851	|	DS		S250 -S299
DS		J853 -J869		|	DS		S310 -S311
DS	M	J930 -J949		|	DS		S317 -S321
DS	M	K500 -K519		|	DS		S323 -S331
DS		K550 -K559		|	DS		S335
DS		K700 -K719		|	DS		S337 -S341
DS		K730 -K746		|	DS		S343
DS	M	K750 -K761		|	DS		S350 -S399
DS		K762		|	DS		S410 -S418
DS	M	K763 -K769		|	DS		S427
DS	M	K860 -K869		|	DS		S450 -S451
DS		K900 -K919		|	DS		S457
DS	M	L400 -L409		|	DS		S459
DS		M000 -M009		|	DS		S47 -S497
DS	M	M020 -M029		|	DS		S499
DS		M050 -M089		|	DS		S510 -S519
DS	M	M100 -M128		|	DS		S550 -S551
DS		M130 -M169		|	DS		S557
DS	M	M170 -M198		|	DS		S559
DS		M1990		|	DS		S570 -S597
DS	M	M300 -M319		|	DS		S599
DS		M320 -M329		|	DS	M	S617 -S619
DS		M340 -M349		|	DS	M	S650 -S651
DS	M	M350 -M352		|	DS	M	S657
DS	M	M354 -M359		|	DS	M	S659
DS	M	M410 -M435		|	DS	M	S684 -S699
DS	M	M45 -M479		|	DS		S710 -S729
DS	M	M481 -M519		|	DS		S750 -S759
DS	M	M610 -M619		|	DS		S770 -S799
DS	M	M623 -M624		|	DS		S810 -S829
DS		M800 -M849		|	DS		S850 -S859
DS		M860 -M869		|	DS		S870 -S899
DS	M	M870 -M879		|	DS		S910
DS	M	M910 -M949		|	DS		S917
DS	M	M960 -M969		|	DS		S927
DS		P270 -P279		|	DS		S950 -S951
DS	M	Q000 -Q079		|	DS		S957
DS		Q200 -Q249		|	DS		S959
DS		Q310 -Q359		|	DS		S970 -S999
DS		Q370 -Q379		|	DS		T012 -T031
DS		Q750 -Q799		|	DS		T033
DS		Q850 -Q999		|	DS	M	T038
DSC		R75	B208	|	DS		T039 -T08
DS		S017		|	DS		T091
DS		S019 -S029		|	DS		T093
DS		S057		|	DS	M	T098
DS		S060 -S090		|	DS		T099 -T10
DS		S097 -S099		|	DS		T111
DS		S110 -S134		|	DS		T114

```
          --- J182  ---              |        --- J182  ---
             CONTINUED               |           CONTINUED
DS           T116                    | DS           T919
DS        M  T118                    | DS        M  T920
DS           T119 -T12               | DS        M  T926 -T928
DS           T131                    | DS           T929
DS           T134                    | DS        M  T930
DS           T136                    | DS           T931
DS        M  T138                    | DS        M  T932
DS           T139                    | DS           T936
DS           T141 -T142              | DS        M  T938
DS           T145                    | DS           T939
DS           T147                    | DS        M  T940 -T959
DS        M  T148                    | DS           T96  -T983
DS           T149                    |
DS           T172 -T179              |        --- J188  ---
DS           T181 -T200              |
DS           T203 -T204              | DS           A000 -A028
DS           T207 -T210              | DSC          A029          A022
DS           T213 -T214              | DS           A030 -A218
DS           T217 -T220              | DSC          A219          A212
DS           T223 -T224              | DS           A220 -A228
DS           T227                    | DSC          A229          A221
DS        M  T230                    | DS           A230 -A243
DS        M  T233 -T234              | DSC          A244          A241
DS        M  T237                    | DS           A250 -A310
DS           T240                    | DS           A318 -A427
DS           T243 -T244              | DSC          A429          A420
DS           T247                    | DS           A430 -A599
DS        M  T250                    | DS           A601 -A70
DS        M  T253 -T254              | DS           A748
DS        M  T257                    | DSC          A749          J160
DS           T270 -T300              | DS           A750 -B001
DS           T303 -T304              | DS           B003 -B004
DS           T307                    | DS           B007
DS           T313 -T319              | DS           B009 -B018
DS           T323 -T329              | DSC          B019          B012
DS           T340 -T344              | DS           B020 -B058
DS           T346 -T349              | DSC          B059          B052
DS           T351 -T68               | DS           B060 -B068
DS        M  T698                    | DSC          B069          B068
DS           T699                    | DS           B080
DS           T703 -T704              | DS           B082 -B085
DS        M  T708                    | DS           B09  -B199
DS           T709 -T741              | DSC          B24           B208
DS           T749 -T751              | DS           B250 -B279
DS           T754 -T889              | DS           B330 -B349
DS        M  T901                    | DS           B370 -B395
DS           T902                    | DSC          B399          B392
DS        M  T904                    | DS           B400 -B448
DS           T905                    | DSC          B449          B441
DS        M  T908                    | DS           B450 -B588
DS           T909                    | DSC          B589          B583
DS        M  T910                    | DS           B59  -B778
DS           T911                    | DSC          B779          B778
DS        M  T912                    | DS           B780 -B839
DS           T913 -T915              | DS           B86  -B949
DS        M  T918                    | SMP       M  B99
```

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               --- J188  ---          |          --- J188  ---
                 CONTINUED            |            CONTINUED
DS       C000 -C97                    | DS       J100
DS       D320 -D339                   | DSC      J101 -J108    J100
DS       D370 -D479                   | DS       J110
DS       D70                          | DSC      J111 -J118    J110
DS       D800 -D899                   | DS       J120 -J168
DS     M E000 -E038                   | DS       J200 -J22
DS       E0390                        | DS       J392
DS       E050 -E059                   | DS       J40  -J851
DS       E100 -E108                   | DSC      J852         J851
DS       E110 -E118                   | DS       J853 -J869
DS       E120 -E128                   | DS     M J930 -J949
DS       E130 -E138                   | DS     M K500 -K519
DS       E140 -E148                   | DS       K550 -K559
DS       E15                          | DS       K700 -K719
DS       E40   -E43                   | DS       K730 -K746
DS       E46                          | DS     M K750 -K761
DS       E640                         | DS       K762
DS       E840                         | DS     M K763 -K769
DSC      E841         E848            | DS     M K860 -K869
DS     M E848                         | DS       K900 -K919
DSC      E849         E840            | DS     M L400 -L409
DS     M E850 -E858                   | DS       M000 -M009
DS       F010 -F03                    | DS     M M020 -M029
DS       F202                         | DS       M050 -M089
DS       F322 -F323                   | DS     M M100 -M128
DS       F332 -F333                   | DS       M130 -M169
DS       F500                         | DS     M M170 -M198
DS       F502                         | DS       M1990
DS       F73                          | DSC    M M300         M301
DS       G000 -G09                    | DS     M M301 -M319
DS     M G10  -G121                   | DS       M320 -M349
DS       G1220                        | DS     M M350 -M352
DS     M G128 -G129                   | DS     M M354 -M359
DS       G2000                        | DS       M410 -M435
DS     M G210 -G308                   | DS     M M45  -M479
DS       G3090                        | DS     M M481 -M519
DS     M G310 -G319                   | DS     M M610 -M619
DS       G3500                        | DS     M M623 -M624
DS     M G360 -G419                   | DS       M800 -M849
DS     M G521                         | DS       M860 -M869
DS     M G600 -G819                   | DS     M M870 -M879
DS       G820 -G825                   | DS     M M910 -M949
DS     M G830 -G931                   | DS     M M960 -M969
DS     M G934                         | DS       P270 -P279
DS       G935 -G936                   | DS     M Q000 -Q079
DS     M G937 -G939                   | DS       Q200 -Q249
DS       G950 -G959                   | DS       Q310 -Q359
DS     M G960 -G98                    | DS       Q370 -Q379
DS     M I00  -I029                   | DS       Q750 -Q799
DS       I5000                        | DS       Q850 -Q999
DS     M I501 -I509                   | DSC      R75          B208
DS     M I515 -I516                   | DS       S017
DS     M I519                         | DS       S019 -S029
DS       I600 -I698                   | DS       S057
DS     M J010 -J019                   | DS       S060 -S090
DS       J020 -J051                   | DS       S097 -S099
```

```
        --- J188  ---              |      --- J188  ---
           CONTINUED               |         CONTINUED
DS         S110 -S134              | DS       T114
DS         S136 -S141              | DS       T116
DS         S146 -S159              | DS     M T118
DS         S170 -S179              | DS       T119 -T12
DS         S197 -S199              | DS       T131
DS         S210 -S231              | DS       T134
DS         S233                    | DS       T136
DS         S235 -S241              | DS     M T138
DS         S250 -S299              | DS       T139
DS         S310 -S311              | DS       T141 -T142
DS         S317 -S321              | DS       T145
DS         S323 -S331              | DS       T147
DS         S335                    | DS     M T148
DS         S337 -S341              | DS       T149
DS         S343                    | DS       T181 -T200
DS         S350 -S399              | DS       T203 -T204
DS         S410 -S418              | DS       T207 -T210
DS         S427                    | DS       T213 -T214
DS         S450 -S451              | DS       T217 -T220
DS         S457                    | DS       T223 -T224
DS         S459                    | DS       T227
DS         S47  -S497              | DS     M T230
DS         S499                    | DS     M T233 -T234
DS         S510 -S519              | DS     M T237
DS         S550 -S551              | DS       T240
DS         S557                    | DS       T243 -T244
DS         S559                    | DS       T247
DS         S570 -S597              | DS     M T250
DS         S599                    | DS     M T253 -T254
DS       M S617 -S619              | DS     M T257
DS       M S650 -S651              | DS       T270 -T300
DS       M S657                    | DS       T303 -T304
DS       M S659                    | DS       T307
DS       M S684 -S699              | DS       T313 -T319
DS         S710 -S729              | DS       T323 -T329
DS         S750 -S759              | DS       T340 -T344
DS         S770 -S799              | DS       T346 -T349
DS         S810 -S829              | DS       T351 -T68
DS         S850 -S859              | DS     M T698
DS         S870 -S899              | DS       T699
DS         S910                    | DS       T703 -T704
DS         S917                    | DS     M T708
DS         S927                    | DS       T709 -T741
DS         S950 -S951              | DS       T749 -T751
DS         S957                    | DS       T754 -T889
DS         S959                    | DS     M T901
DS         S970 -S999              | DS       T902
DS         T012 -T031              | DS     M T904
DS         T033                    | DS       T905
DS       M T038                    | DS     M T908
DS         T039 -T08               | DS       T909
DS         T091                    | DS     M T910
DS         T093                    | DS       T911
DS       M T098                    | DS     M T912
DS         T099 -T10               | DS       T913 -T915
DS         T111                    | DS     M T918
```

```
             --- J188  ---          |        --- J189  ---
                CONTINUED           |           CONTINUED
DS          T919                    | DS          C000 -C97
DS      M   T920                    | DS          D320 -D339
DS      M   T926 -T928              | DS          D370 -D479
DS          T929                    | DS          D70
DS      M   T930                    | DS          D800 -D899
DS          T931                    | DS      M   E000 -E038
DS      M   T932                    | DS          E0390
DS          T936                    | DS          E050 -E059
DS      M   T938                    | DS          E100 -E108
DS          T939                    | DS          E110 -E118
DS      M   T940 -T959              | DS          E120 -E128
DS          T96  -T983              | DS          E130 -E138
                                    | DS          E140 -E148
             --- J189  ---          | DS          E15
                                    | DS          E40  -E43
DS          A000 -A028              | DS          E46
DSC         A029          A022      | DS          E640
DS          A030 -A218              | DS          E840
DSC         A219          A212      | DSC         E841          E848
DS          A220 -A228              | DS          E848
DSC         A229          A221      | DSC         E849          E840
DS          A230 -A243              | DS      M   E850 -E858
DSC         A244          A241      | DS          F010 -F03
DS          A250 -A310              | DS          F202
DS          A318 -A427              | DS          F322 -F323
DSC         A429          A420      | DS          F332 -F333
DS          A430 -A599              | DS          F500
DS          A601 -A70               | DS          F502
DS          A748                    | DS          F73
DSC         A749          J160      | DS          G000 -G09
DS          A750 -B001              | DS      M   G10  -G121
DS          B003 -B004              | DS          G1220
DS          B007                    | DS      M   G128 -G129
DS          B009 -B018              | DS          G2000
DSC         B019          B012      | DS      M   G210 -G308
DS          B020 -B058              | DS          G3090
DSC         B059          B052      | DS      M   G310 -G319
DS          B060 -B068              | DS          G3500
DSC         B069          B068      | DS      M   G360 -G419
DS          B080                    | DS      M   G521
DS          B082 -B085              | DS      M   G600 -G819
DS          B09  -B199              | DS          G820 -G825
DSC         B24           B208      | DS      M   G830 -G931
DS          B250 -B279              | DS      M   G934
DS          B330 -B349              | DS          G935 -G936
DS          B370 -B395              | DS      M   G937 -G939
DSC         B399          B392      | DS          G950 -G959
DS          B400 -B448              | DS      M   G960 -G98
DSC         B449          B441      | DS      M   I00  -I029
DS          B450 -B588              | DS          I5000
DSC         B589          B583      | DS      M   I501 -I509
DS          B59  -B778              | DS      M   I515 -I516
DSC         B779          B778      | DS      M   I519
DS          B780 -B839              | DS          I600 -I698
DS          B86  -B949              | DS      M   J010 -J019
SMP     M   B99                     | DS          J020 -J051
```

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        --- J189  ---             |        --- J189  ---
          CONTINUED               |          CONTINUED
DS        J100                    | DS       S110 -S134
DSC       J101 -J108   J100       | DS       S136 -S141
DS        J110                    | DS       S146 -S159
DSC       J111 -J118   J110       | DS       S170 -S179
DS        J120 -J188              | DS       S197 -S199
DS        J200 -J22               | DS       S210 -S231
DS        J392                    | DS       S233
DS        J40  -J851              | DS       S235 -S241
DSC       J852         J851       | DS       S250 -S299
DS        J853 -J869              | DS       S310 -S311
DS     M  J930 -J949              | DS       S317 -S321
DS     M  K500 -K519              | DS       S323 -S331
DS        K550 -K559              | DS       S335
DS        K700 -K719              | DS       S337 -S341
DS        K730 -K746              | DS       S343
DS     M  K750 -K761              | DS       S350 -S399
DS        K762                    | DS       S410 -S418
DS     M  K763 -K769              | DS       S427
DS     M  K860 -K869              | DS       S450 -S451
DS        K900 -K919              | DS       S457
DS     M  L400 -L409              | DS       S459
DS        M000 -M009              | DS       S47  -S497
DS     M  M020 -M029              | DS       S499
DS        M050 -M089              | DS       S510 -S519
DS     M  M100 -M128              | DS       S550 -S551
DS        M130 -M169              | DS       S557
DS     M  M170 -M198              | DS       S559
DS        M1990                   | DS       S570 -S597
DSC    M  M300         M301       | DS       S599
DS     M  M301 -M319              | DS     M S617 -S619
DS        M320 -M349              | DS     M S650 -S651
DS     M  M350 -M352              | DS     M S657
DS     M  M354 -M359              | DS     M S659
DS        M410 -M435              | DS     M S684 -S699
DS     M  M45  -M479              | DS       S710 -S729
DS     M  M481 -M519              | DS       S750 -S759
DS     M  M610 -M619              | DS       S770 -S799
DS     M  M623 -M624              | DS       S810 -S829
DS        M800 -M849              | DS       S850 -S859
DS        M860 -M869              | DS       S870 -S899
DS     M  M870 -M879              | DS       S910
DS     M  M910 -M949              | DS       S917
DS     M  M960 -M969              | DS       S927
DS        P270 -P279              | DS       S950 -S951
DS     M  Q000 -Q079              | DS       S957
DS        Q200 -Q249              | DS       S959
DS        Q310 -Q359              | DS       S970 -S999
DS        Q370 -Q379              | DS       T012 -T031
DS        Q750 -Q799              | DS       T033
DS        Q850 -Q999              | DS     M T038
DSC       R75          B208       | DS       T039 -T08
DS        S017                    | DS       T091
DS        S019 -S029              | DS       T093
DS        S057                    | DS     M T098
DS        S060 -S090              | DS       T099 -T10
DS        S097 -S099              | DS       T111
```

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        --- J189  ---          |          --- J189  ---
          CONTINUED            |            CONTINUED
DS          T114               | DS      M  T918
DS          T116               | DS         T919
DS      M   T118               | DS      M  T920
DS          T119 -T12          | DS      M  T926 -T928
DS          T131               | DS         T929
DS          T134               | DS      M  T930
DS          T136               | DS         T931
DS      M   T138               | DS      M  T932
DS          T139               | DS         T936
DS          T141 -T142         | DS      M  T938
DS          T145               | DS         T939
DS          T147               | DS      M  T940 -T959
DS      M   T148               | DS         T96  -T983
DS          T149               |
DS          T172 -T179         |        --- J200 -J202  ---
DS          T181 -T200         |
DS          T203 -T204         | DSC        B24         B201
DS          T207 -T210         | DS         E840
DS          T213 -T214         | DSC        E841        E848
DS          T217 -T220         | DS      M  E848
DS          T223 -T224         | DSC        E849        E840
DS          T227               | DS      M  E854
DS      M   T230               | DSC        E859        E854  *
DS      M   T233 -T234         | LMP        J101
DS      M   T237               | LMC        J1010       J101
DS          T240               | LMP        J111
DS          T243 -T244         | LMC        J1110       J111
DS          T247               | LMP        J410 -J42
DS      M   T250               | DS      M  J440
DS      M   T253 -T254         | LMC        J449        J440
DS      M   T257               | DSC        M300        M301
DS          T270 -T300         | DSC        M349        M348
DS          T303 -T304         | DSC        R75         B201  *
DS          T307               |
DS          T313 -T319         |        --- J203 -J206  ---
DS          T323 -T329         |
DS          T340 -T344         | DSC        B24         B203
DS          T346 -T349         | DS         E840
DS          T351 -T68          | DSC        E841        E848
DS      M   T698               | DS      M  E848
DS          T699               | DSC        E849        E840
DS          T703 -T704         | DS      M  E854
DS      M   T708               | DSC        E859        E854  *
DS          T709 -T741         | LMP        J101
DS          T749 -T751         | LMC        J1010       J101
DS          T754 -T889         | LMP        J111
DS      M   T901               | LMC        J1110       J111
DS          T902               | LMP        J410 -J42
DS      M   T904               | DS      M  J440
DS          T905               | LMC        J449        J440
DS      M   T908               | DSC        M300        M301
DS          T909               | DSC        M349        M348
DS      M   T910               | DSC        R75         B203  *
DS          T911               |
DS      M   T912               |
DS          T913 -T915         |
```

--- J207 ---

Type	M	Code1	Code2	*
DSC		B24	B203	
DSC		E841	E848	
DSC		E849	E840	
DSC		E859	E854	*
LMP		J101		
LMC		J1010	J101	
LMP		J111		
LMC		J1110	J111	
LMP		J410 -J42		
LMC		J449	J440	
DSC		M300	M301	
DSC		M349	M348	
DSC		R75	B203	*

--- J208 ---

Type	M	Code1	Code2	*
DSC	M	B24	B201	
DSC	M	B24	B203	
DSC	M	B24	B208	
DS		E840		
DSC		E841	E848	
DS	M	E848		
DSC		E849	E840	
DS	M	E854		
DSC		E859	E854	*
LMP		J101		
LMC		J1010	J101	
LMP		J111		
LMC		J1110	J111	
LMP		J410 -J42		
DS	M	J440		
LMC		J449	J440	
DSC		M300	M301	
DSC		M349	M348	
DSC	M	R75	B201	*
DSC	M	R75	B203	*
DSC	M	R75	B208	*

--- J209 ---

Type	M	Code1	Code2	*
DSC	M	B24	B201	
DSC	M	B24	B203	
DSC	M	B24	B208	
DS		E840		
DSC		E841	E848	
DS	M	E848		
DSC		E849	E840	
DS	M	E854		
DSC		E859	E854	*
LMP		J101		
LMC		J1010-J108	J101	
LMP		J111		
LMC		J1110-J118	J111	
SMP		J200 -J208		
LMP		J410 -J42		
DS	M	J440		

--- J209 ---
CONTINUED

Type	M	Code1	Code2	*
LMC		J449	J440	
SMP	M	J680		
DSC		M300	M301	
DSC		M349	M348	
DSC	M	R75	B201	*
DSC	M	R75	B203	*
DSC	M	R75	B208	*

--- J210 ---

Type	M	Code1	Code2	*
DSC		B24	B203	
DS		E840		
DSC		E841	E848	
DS	M	E848		
DSC		E849	E840	
DS	M	E854		
DSC		E859	E854	*
LMP		J101		
LMC		J1010-J108	J101	
LMP		J111		
LMC		J1110-J118	J111	
DS	M	J440		
LMC		J449	J440	
DSC		M300	M301	
DSC		M349	M348	
DSC		R75	B203	*

--- J218 ---

Type	M	Code1	Code2	*
DSC	M	B24	B201	
DSC	M	B24	B203	
DSC	M	B24	B208	
DS		E840		
DSC		E841	E848	
DS	M	E848		
DSC		E849	E840	
DS	M	E854		
DSC		E859	E854	*
LMP		J101		
LMC		J1010-J108	J101	
LMP		J111		
LMC		J1110-J118	J111	
DS	M	J440		
LMC		J449	J440	
DSC		M300	M301	
DSC		M349	M348	
DSC	M	R75	B201	*
DSC	M	R75	B203	*
DSC	M	R75	B208	*

--- J219 ---

Type	M	Code1	Code2	*
DSC	M	B24	B201	
DSC	M	B24	B203	
DSC	M	B24	B208	
DS		E840		

```
        --- J219  ---          |        --- J310  ---
           CONTINUED           |           CONTINUED
DSC        E841        E848     | DSC        E841        E848
DS      M  E848                 | DSC        E849        E840
DSC        E849        E840     | DSC     M  R75         B201   *
DS      M  E854                 | DSC     M  R75         B203   *
DSC        E859        E854  *  | DSC     M  R75         B208   *
LMP        J101                 |
LMC        J1010-J108  J101     |     --- J311 -J312  ---
LMP        J111                 |
LMC        J1110-J118  J111     | DSC     M  B24         B201
SMP        J210 -J218           | DSC     M  B24         B203
DS      M  J440                 | DSC     M  B24         B208
SMP     M  J448                 | DSC        E841        E848
LMC        J449        J440     | DSC        E849        E840
SMP     M  J684                 | DSC     M  R75         B201   *
DSC        M300        M301     | DSC     M  R75         B203   *
DSC        M349        M348     | DSC     M  R75         B208   *
DSC     M  R75         B201  *  |
DSC     M  R75         B203  *  |        --- J320   ---
DSC     M  R75         B208  *  |
                               | SMP     M  A168
        --- J22    ---          | DSC     M  B24         B201
                               | DSC     M  B24         B203
DS         E840                 | DSC     M  B24         B208
DSC        E841        E848     | SMP     M  C310
DS      M  E848                 | SMP     M  C783
DSC        E849        E840     | SMP     M  D023
DS      M  E854                 | SMP     M  D140
DSC        E859        E854  *  | SMP     M  D385
SMP        J101                 | DSC        E841        E848
LMC        J1010       J101     | DSC        E849        E840
SMP        J111                 | SMP        J101
LMC        J1110       J111     | DSC        J1010       J101
SMP        J200 -J219           | SMP        J111
DS         J440                 | DSC        J1110       J111
LMC        J449        J440     | SMP        J303
                               | DSC     M  R75         B201   *
       --- J300 -J303   ---     | DSC     M  R75         B203   *
                               | DSC     M  R75         B208   *
DSC        E841        E848     |
DSC        E849        E840     |        --- J321   ---
LMC        J459 -J46   J450     |
                               | SMP     M  A168
        --- J304   ---          | DSC     M  B24         B201
                               | DSC     M  B24         B203
DSC        E841        E848     | DSC     M  B24         B208
DSC        E849        E840     | SMP     M  C312
SMP        J300 -J303           | SMP     M  C783
LMC        J459 -J46   J450     | SMP     M  D023
                               | SMP     M  D140
        --- J310   ---          | SMP     M  D385
                               | DSC        E841        E848
SMP     M  A168                 | DSC        E849        E840
SMP     M  A527                 | SMP        J101
DSC     M  B24         B201     | DSC        J1010       J101
DSC     M  B24         B203     | SMP        J111
DSC     M  B24         B208     | DSC        J1110       J111
```

```
        --- J321  ---              |     --- J324 -J328  ---
          CONTINUED                |        CONTINUED
SMP        J303                    | SMP    M  C783
DSC     M  R75         B201   *    | SMP    M  D023
DSC     M  R75         B203   *    | SMP    M  D140
DSC     M  R75         B208   *    | SMP    M  D385
                                   | DSC       E841         E848
        --- J322  ---              | DSC       E849         E840
                                   | SMP       J101
SMP     M  A168                    | DSC       J1010        J101
DSC     M  B24         B201        | SMP       J111
DSC     M  B24         B203        | DSC       J1110        J111
DSC     M  B24         B208        | SMP       J303
SMP     M  C311                    | DSC    M  R75          B201   *
SMP     M  C783                    | DSC    M  R75          B203   *
SMP     M  D023                    | DSC    M  R75          B208   *
SMP     M  D140                    |
SMP     M  D385                    |     --- J329  ---
DSC        E841        E848        |
DSC        E849        E840        | SMP    M  A168
SMP        J101                    | DSC    M  B24          B201
DSC        J1010       J101        | DSC    M  B24          B203
SMP        J111                    | DSC    M  B24          B208
DSC        J1110       J111        | SMP    M  C319
SMP        J303                    | SMP    M  C783
DSC     M  R75         B201   *    | SMP    M  D023
DSC     M  R75         B203   *    | SMP    M  D140
DSC     M  R75         B208   *    | SMP    M  D385
                                   | DSC       E841         E848
        --- J323  ---              | DSC       E849         E840
                                   | SMP       J101
SMP     M  A168                    | DSC       J1010        J101
DSC     M  B24         B201        | SMP       J111
DSC     M  B24         B203        | DSC       J1110        J111
DSC     M  B24         B208        | SMP       J303
SMP     M  C313                    | SMP       J320 -J328
SMP     M  C783                    | DSC    M  R75          B201   *
SMP     M  D023                    | DSC    M  R75          B203   *
SMP     M  D140                    | DSC    M  R75          B208   *
SMP     M  D385                    |
DSC        E841        E848        |     --- J330 -J338  ---
DSC        E849        E840        |
SMP        J101                    | DSC       E841         E848
DSC        J1010       J101        | DSC       E849         E840
SMP        J111                    |
DSC        J1110       J111        |     --- J339  ---
SMP        J303                    |
DSC     M  R75         B201   *    | DSC       E841         E848
DSC     M  R75         B203   *    | DSC       E849         E840
DSC     M  R75         B208   *    | SMP       J330 -J338
                                   |
     --- J324 -J328  ---           |     --- J340  ---
                                   |
SMP     M  A168                    | DSC    M  B24          B201
DSC     M  B24         B201        | DSC    M  B24          B203
DSC     M  B24         B203        | DSC    M  B24          B208
DSC     M  B24         B208        | DSC       E841         E848
SMP     M  C310 -C319              | DSC       E849         E840
```

```
          --- J340  ---            |        --- J358  ---
            CONTINUED              |          CONTINUED
DSC    M  R75            B201  * |  DSC       E841            E848
DSC    M  R75            B203  * |  DSC       E849            E840
DSC    M  R75            B208  * |
                                  |        --- J359  ---
          --- J341  ---            |
                                  |  SMP    M  C024
DSC       B24            B238    |  SMP    M  C090 -C091
DSC       E841           E848    |  SMP    M  C099
DSC       E849           E840    |  SMP    M  C111
DSC       R75            B238  * |  SMP    M  D000
                                  |  SMP    M  D101
       --- J342 -J343  ---        |  SMP    M  D104 -D106
                                  |  SMP    M  D370
DSC       E841           E848    |  DSC       E841            E848
DSC       E849           E840    |  DSC       E849            E840
                                  |  SMP    M  J350 -J358
          --- J348  ---            |  SMP    M  J36
                                  |
DSC       B24            B238    |        --- J36   ---
DSC       E841           E848    |
DSC       E849           E840    |  DSC    M  B24             B201
SMP    M  J310                    |  DSC    M  B24             B203
SMP    M  J320 -J343              |  DSC    M  B24             B208
DSC       R75            B238  * |  DSC       E841            E848
                                  |  DSC       E849            E840
          --- J350  ---            |  DSC    M  R75             B201  *
                                  |  DSC    M  R75             B203  *
DSC       E841           E848    |  DSC    M  R75             B208  *
DSC       E849           E840    |
                                  |        --- J370  ---
          --- J351  ---            |
                                  |  DSC    M  B24             B201
DSC       E841           E848    |  DSC    M  B24             B203
DSC       E849           E840    |  DSC    M  B24             B208
LMC       J352           J353    |  DSC       E841            E848
DS        J353                    |  DSC       E849            E840
                                  |  LMC    M  J041            J371
          --- J352  ---            |  DS        J371
                                  |  LMC       J42             J371
DSC       E841           E848    |  DSC    M  R75             B201  *
DSC       E849           E840    |  DSC    M  R75             B203  *
LMC       J351           J353    |  DSC    M  R75             B208  *
DS        J353                    |
                                  |        --- J371  ---
          --- J353  ---            |
                                  |  DSC    M  B24             B201
DSC       E841           E848    |  DSC    M  B24             B203
DSC       E849           E840    |  DSC    M  B24             B208
                                  |  DSC       E841            E848
          --- J358  ---            |  DSC       E849            E840
                                  |  DSC    M  R75             B201  *
DS        C090 -C099              |  DSC    M  R75             B203  *
DS     M  C111                    |  DSC    M  R75             B208  *
DS     M  C798                    |
DS     M  D000                    |
DS     M  D370                    |
```

```
          --- J380  ---           |        --- J384  ---
                                  |           CONTINUED
DS          A362                  | DS    M  E848
DS          C320 -C329            | DSC      E849             E840
DS          C783                  | DS    M  E854
DS          D020                  | DSC      E859             E854  *
DS          D141                  | DS       J040 -J050
DS          D380                  | DSC   M  R75              B238  *
DS          E840                  | DS       T172 -T179
DSC         E841        E848      | DS       T270 -T280
DS    M     E848                  | DS       T285
DSC         E849        E840      | DS       T360 -T66
DS    M     E854                  | DS       T782 -T783
DSC         E859        E854  *   | DS       T886 -T887
DS          I600 -I698            |
DS          J040 -J042            |        --- J385  ---
                                  |
          --- J381  ---           | DSC   M  B24              B238
                                  | DS       C320 -C329
DSC         E841        E848      | DS       C783
DSC         E849        E840      | DS       D020
                                  | DS       D141
          --- J382  ---           | DS       D380
                                  | DS       E840
DSC   M  B24           B201       | DSC      E841             E848
DSC   M  B24           B203       | DS    M  E848
DSC   M  B24           B208       | DSC      E849             E840
DSC   M  B24           B238       | DS    M  E854
DSC      E841          E848       | DSC      E859             E854  *
DSC      E849          E840       | DSC   M  R75              B238  *
DSC   M  R75           B201  *    | DS       T172 -T179
DSC   M  R75           B203  *    |
DSC   M  R75           B208  *    |        --- J386  ---
DSC   M  R75           B238  *    |
                                  | DSC   M  B24              B238
          --- J383  ---           | DS       C320 -C329
                                  | DS       C783
DSC   M  B24           B201       | DS       D020
DSC   M  B24           B203       | DS       D141
DSC   M  B24           B208       | DS       D380
DSC   M  B24           B238       | DS       E840
DS    M  C320 -C321               | DSC      E841             E848
DS    M  C783                     | DS    M  E848
DS       D020                     | DSC      E849             E840
DS       D141                     | DS    M  E854
DS    M  D380                     | DSC      E859             E854  *
DSC      E841          E848       | DSC   M  R75              B238  *
DSC      E849          E840       |
DSC   M  R75           B201  *    |        --- J387  ---
DSC   M  R75           B203  *    |
DSC   M  R75           B208  *    | SMP   M  A164
DSC   M  R75           B238  *    | SMP   M  A362
                                  | DSC   M  B24              B201
          --- J384  ---           | DSC   M  B24              B203
                                  | DSC   M  B24              B208
DSC   M  B24           B238       | DSC   M  B24              B238
DS       E840                     | DS       C320 -C329
DSC      E841          E848       | DS       C783
```

```
                               TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


              --- J387  ---            |           --- J393  ---
                CONTINUED             |
DS          D020                      | DSC        E841        E848
DS          D141                      | DSC        E849        E840
DS          D380                      | DS         T360 -T659
DS          E840                      |
DSC         E841        E848          |           --- J398  ---
DS       M  E848                      |
DSC         E849        E840          | DSC        B24         B238
DS       M  E854                      | DSC        E841        E848
DSC         E859        E854  *       | DSC        E849        E840
SMP      M  J040                      | DSC        E859        E854  *
SMP      M  J042 -J060                | DSC        R75         B238  *
SMP      M  J101                      |
SMP      M  J111                      |           --- J399  ---
SMP      M  J370 -J386                |
SMP      M  Q310 -Q319                | DSC        B24         B238
DSC      M  R75         B201  *       | DS         E840
DSC      M  R75         B203  *       | DSC        E841        E848
DSC      M  R75         B208  *       | DS      M  E848
DSC      M  R75         B238  *       | DSC        E849        E840
DS       M  T172 -T175                | DS      M  E854
                                      | DSC        E859        E854  *
                                      | SMP        J010 -J069
         --- J390 -J391  ---          | SMP        J101
                                      | SMP        J111
DSC      M  B24         B201          | SMP        J300 -J398
DSC      M  B24         B203          | DSC        R75         B238  *
DSC      M  B24         B208          |
DS       M  C111 -C113                |           --- J40   ---
DS          C140 -C148                |
DSC         E841        E848          | SMP     M  A164
DSC         E849        E840          | SMP     M  A698
DSC      M  R75         B201  *       | DSC     M  B24         B201
DSC      M  R75         B203  *       | DSC     M  B24         B203
DSC      M  R75         B208  *       | DSC     M  B24         B208
                                      | DS         E840
                                      | DSC        E841        E848
          --- J392  ---               | DS      M  E848
                                      | DSC        E849        E840
DSC         B24         B238          | DS      M  E854
DS       M  C111 -C113                | DSC        E859        E854  *
DS          C140 -C148                | LMP        J101
DSC         E841        E848          | LMC        J1010       J101
DSC         E849        E840          | LMP        J111
DS       M  I600 -I698                | LMC        J1110       J111
SMP      M  J020 -J029                | SMP        J200 -J209
SMP      M  J101                      | SMP        J410 -J42
SMP      M  J111                      | LMC        J430 -J441  J448
SMP      M  J312                      | LMP        J448
DSC         R75         B238  *       | DSC        J449        J448
DS       M  T172 -T179                | LDC        J450 -J46   J448
DS       M  T270 -T280                | SMP     M  J680
DS       M  T285                      | LMC     M  J984        J448
DS       M  T360 -T66                 | LMC     M  J988        J448
DS       M  T782 -T783                | DSC        M300        M301
DS       M  T886 -T887                | DS         M301
                                      | DS      M  M348
                                      |
                              E-199  (11-04)
```

```
        --- J40   ---           |      --- J418  ---
          CONTINUED             |        CONTINUED
DSC         M349      M348      | DSC       E841        E848
DSC    M  R75         B201  * | DSC       E849        E840
DSC    M  R75         B203  * | DSC       E859        E854  *
DSC    M  R75         B208  * | LMC       J430 -J441  J448
                               | LMP       J448
        --- J410  ---          | LMC       J449        J448
                               | LDC       J450 -J46   J448
DSC    M  B24         B201     | DSC    M  J988        J448
DSC    M  B24         B203     | DSC       M300        M301
DSC    M  B24         B208     | DSC       M349        M348
DS        E840                 | DSC    M  R75         B201  *
DSC       E841       E848      | DSC    M  R75         B203  *
DS     M  E848                 | DSC    M  R75         B208  *
DSC       E849       E840      |
DS     M  E854                 |      --- J42   ---
DSC       E859       E854  *  |
LMC       J411       J418      | DSC    M  B24         B201
DS        J418                 | DSC    M  B24         B203
LMC       J430 -J441 J448      | DSC    M  B24         B208
LMP       J448                 | DSC       E841        E848
LMC       J449       J448      | DSC       E849        E840
LDC       J450 -J46  J448      | DSC       E859        E854  *
DSC    M  J988       J448      | DSC       J370        J371
DSC       M300       M301      | SMP       J410 -J418
DS        M301                 | LMC       J430 -J439  J448
DS     M  M348                 | LMP       J448
DSC       M349       M348      | LMC       J449        J448
DSC    M  R75        B201  *  | LDC       J450 -J46   J448
DSC    M  R75        B203  *  | SMP    M  J684
DSC    M  R75        B208  *  | SMP    M  J701
                               | LMC    M  J988        J448
        --- J411  ---          | DSC       M300        M301
                               | DSC       M349        M348
DSC    M  B24         B201     | DSC    M  R75         B201  *
DSC    M  B24         B203     | DSC    M  R75         B203  *
DSC    M  B24         B208     | DSC    M  R75         B208  *
DSC       E841       E848      |
DSC       E849       E840      |     --- J430 -J438  ---
DSC       E859       E854  *  |
LMC       J410       J418      | DS        E840
LMC       J430 -J441 J448      | DSC       E841        E848
LMP       J448                 | DS     M  E848
LMC       J449       J448      | DSC       E849        E840
LDC       J450 -J46  J448      | DS     M  E854
DSC    M  J988       J448      | DSC       E859        E854  *
DSC       M300       M301      | LMC       J40  -J42   J448
DSC       M349       M348      | DS     M  J448
DSC    M  R75        B201  *  | DSC       M300        M301
DSC    M  R75        B203  *  | DS        M301
DSC    M  R75        B208  *  | DS     M  M348
                               | DSC       M349        M348
        --- J418  ---          |
                               |     --- J439  ---
DSC    M  B24         B201     |
DSC    M  B24         B203     | DS        E840
DSC    M  B24         B208     | DSC       E841        E848
```

```
         --- J439  ---            |        --- J449  ---
            CONTINUED             |           CONTINUED
DS    M  E848                     | DS          M301
DSC      E849          E840       | DS    M  M348
DS    M  E854                     | DSC         M349          M348
DSC      E859          E854  *    |
LMC      J40  -J42     J448       |        --- J450  ---
SMP      J430 -J438               |
DS    M  J448                     | DSC         E841          E848
SMP   M  J982                     | DSC         E849          E840
SMP      J983                     | LMC         J451          J458
DSC      M300          M301       |
DS       M301                     |        --- J451  ---
DS    M  M348                     |
DSC      M349          M348       | DSC         E841          E848
                                  | DSC         E849          E840
         --- J441  ---            | DS    M  J448
                                  | LMC         J450          J458
DS       E840                     | DS          J458
DSC      E841          E848       |
DS    M  E848                     |        --- J458  ---
DSC      E849          E840       |
DS    M  E854                     | DSC         E841          E848
DSC      E859          E854  *    | DSC         E849          E840
DS    M  J448                     | DS    M  J448
DSC      M300          M301       |
DS       M301                     |        --- J459  ---
DS    M  M348                     |
DSC      M349          M348       | SMP   M  A162
                                  | DS          E840
         --- J448  ---            | DSC         E841          E848
                                  | DS    M  E848
DS       E840                     | DSC         E849          E840
DSC      E841          E848       | DS    M  E854
DS    M  E848                     | DSC         E859          E854  *
DSC      E849          E840       | DSC         J300          J450
DS    M  E854                     | LMC         J301 -J304    J450
DSC      E859          E854  *    | SMP   M  J385
DSC      M300          M301       | DS    M  J448
DS       M301                     | SMP         J450 -J458
DS    M  M348                     | SMP         J46
DSC      M349          M348       | SMP   M  J60
                                  | SMP   M  J628
         --- J449  ---            | SMP   M  J64
                                  | SMP   M  J82
DS       E840                     |
DSC      E841          E848       |        --- J46   ---
DS    M  E848                     |
DSC      E849          E840       | DS          E840
DS    M  E854                     | DSC         E841          E848
DSC      E859          E854  *    | DS    M  E848
LMC      J200 -J22     J440       | DSC         E849          E840
LMC      J40  -J439    J448       | DS    M  E854
DS       J440                     | DSC         E859          E854  *
LMP      J441 -J448               | DSC         J300          J450
LMC      J450 -J46     J448       | LMC         J301 -J304    J450
LMP      J670 -J679               | DS    M  J448
DSC      M300          M301       | DSC         J449          J448
```

```
         --- J46   ---          |        --- J690  ---
            CONTINUED           |           CONTINUED
DS          J450                | DS         T172 -T179
                                |
         --- J47   ---          |        --- J698  ---
                                |
SMP    M  A162                  | DSC        E841         E848
DS        E840                  | DSC        E849         E840
DSC       E841         E848     | DS         G400 -G419
DS     M  E848                  | DS         G521
DSC       E849         E840     | DS         I600 -I698
DS     M  E854                  | DS         J392
DSC       E859         E854  * | DS         T172 -T179
DSC       M300         M301     |
DS        M301                  |        --- J80    ---
DS     M  M348                  |
DSC       M349         M348     | DSC        B24          B238
                                | DS         E840
         --- J60   ---          | DSC        E841         E848
                                | DS     M   E848
LMC       A162 -A1690  J65      | DSC        E849         E840
                                | DS     M   E854
         --- J61   ---          | DSC    M   E859         E854
                                | DSC        M300         M301
LMC       A162 -A1690  J65      | DS         M301
SMP       J920                  | DS     M   M348
SMC       J929         J920     | DSC        M349         M348
                                | DSC        R75          B238   *
      --- J620 -J638   ---      |
                                |        --- J81    ---
LMC       A162 -A1690  J65      |
                                | DS         A000 -A310
         --- J64   ---          | DS         A318 -A427
                                | DS         A429 -A599
LMC       A162 -A1690  J65      | DS         A601 -A70
SMP       J60  -J638            | DS         A748 -B001
SMP       J660 -J671            | DS         B003 -B004
                                | DS         B007
         --- J668  ---          | DS         B009 -B069
                                | DS         B080
SMP       J660 -J662            | DS         B082 -B085
                                | DS         B09  -B199
         --- J679  ---          | DSC        B24          B238
                                | DS         B250 -B279
SMP       J670 -J678            | DS         B330 -B349
                                | DS         B370 -B839
         --- J689  ---          | DS         B86  -E840
                                | DSC        E841         E848
SMP       J680 -J688            | DS         E848
                                | DSC        E849         E840
         --- J690  ---          | DS         E850 -E858
                                | DSC    M   E859         E854
DSC       E841         E848     | DS         E86  -F452
DSC       E849         E840     | DS         F480 -F489
DS        G400 -G419            | DS         F530 -F59
DS        G521                  | DS         F70  -F949
DS        I600 -I698            | DS         G000 -G419
DS        J392                  | DS         G450 -G479
```

```
           --- J81   ---           |           --- J81   ---
             CONTINUED             |             CONTINUED
DS         G520 -G529              | DS         Q200 -Q380
DS         G580                    | DS         Q382 -Q649
DS         G588 -G98               | DS         Q750 -Q799
DS         H050 -H059              | DS         Q850 -Q999
DS         H440 -H449              | DSC        R75            B238  *
DS         H590 -H599              | DS         S010 -S049
DS         H650 -H749              | DS         S052 -S057
DS         H810 -H832              | DS         S059 -S099
DS         H950 -I461              | DS         S110 -S199
DS         I470 -I501              | DS         S210 -S299
LMC        I509         I501       | DS         S310 -S399
DS         I510 -I518              | DS         S410 -S499
LMC        I519         I501       | DS         S510 -S599
DS         I600 -I958              | DS         S610 -S699
DS         I970 -I979              | DS         S710 -S799
DS         J010 -J051              | DS         S810 -S899
DS         J100 -J22               | DS         S910 -T08
DS         J310 -J329              | DS         T091 -T10
DS         J340 -J341              | DS         T111 -T12
DS         J343 -J348              | DS         T131 -T139
DS         J36  -J80               | DS         T141 -T200
DS         J82  -J959              | DS         T202 -T210
DS         J961                    | DS         T212 -T220
DS         K120 -K137              | DS         T222 -T230
DS         K20  -K929              | DS         T232 -T240
DS         L100 -L139              | DS         T242 -T250
DS         L26  -L279              | DS         T252 -T983
DS         L500 -L539              |
DS         L710 -L719              |           --- J82    ---
DS         L82                     |
DS         L88  -L89               | DS      M  E840
DS         L930 -L932              | DSC     M  E841            E848
DS         L950 -L97               | DS      M  E848
DS         M000 -M1990             | DSC     M  E849            E840
DSC        M300         M301       | DS      M  E854
DS         M301 -M328              | DSC     M  E859            E854
DS         M330 -M348              |
DSC        M349         M348       |           --- J840   ---
DS         M350 -M352              |
DS         M354 -M359              | DSC     M  E841            E848
DS         M410 -M435              | DSC     M  E849            E840
DS         M460 -M479              |
DS         M481 -M519              |           --- J841   ---
DS         M610 -M629              |
DS         M720 -M724              | DS      M  A162 -A167
DS         M728 -M729              | DSC     M  B24             B238
DS         M800 -M949              | DS      M  B909
DS         M960 -M969              | DS      M  E840
DS         N000 -N392              | DSC     M  E841            E848
DS         N394 -N459              | DS      M  E848
DS         N480 -N509              | DSC     M  E849            E840
DS         N61  -N839              | DS      M  E854
DS         N950 -N959              | DSC     M  E859            E854
DS         N980 -P059              | DS      M  J47
DS         P100 -P284              | LMP     M  J60  -J61
DS         P288 -Q079              | LMP     M  J628 -J630
```

```
          --- J841  ---              |          --- J8490 ---
            CONTINUED                |            CONTINUED
LMP    M  J632 -J635                 | DSC       M329        M321
LMP    M  J64                        | DSC       M349        M348
LMP    M  J660                       | DSC       R75         B208   *
LMP    M  J670 -J671                 |
DS     M  J672 -J709                 |          --- J850  ---
DSC    M  M300        M301           |
DS     M  M301                       | DS     M  A164 -A167
DS     M  M348                       | DSC    M  B24         B201
DSC    M  M349        M348           | DSC    M  B24         B203
DSC    M  R75         B238   *       | DSC    M  B24         B208
                                     | DS     M  C33  -C349
          --- J8410 ---              | DS     M  C384 -C388
                                     | DS     M  C398
DSC    M  B24         B201           | DS     M  C780
DSC    M  B24         B203           | DS     M  C782 -C783
DSC    M  B24         B208           | DS     M  D021 -D022
DSC       E841        E848           | DS     M  D142 -D143
DSC       E849        E840           | DS     M  D381 -D382
DSC       E859        E854           | DS        E840
DSC       M300        M301           | DSC       E841        E848
DSC       M329        M321           | DS     M  E848
DSC       M349        M348           | DSC       E849        E840
DSC    M  R75         B201   *       | DS     M  E854
DSC    M  R75         B203   *       | DSC    M  E859        E854
DSC    M  R75         B208   *       | DS        J40  -J709
                                     | DS        J82  -J8490
          --- J848  ---              | DS        J980 -J983
                                     | DSC       M300        M301
DSC    M  B24         B201           | DS        M301
DSC    M  B24         B203           | DS     M  M348
DSC    M  B24         B208           | DSC       M349        M348
DSC    M  B24         B238           | DSC    M  R75         B201   *
DS        B59                        | DSC    M  R75         B203   *
DSC    M  E841        E848           | DSC    M  R75         B208   *
DSC    M  E849        E840           | DS        T818
DSC    M  R75         B201   *       |
DSC    M  R75         B203   *       |          --- J851  ---
DSC    M  R75         B208   *       |
DSC    M  R75         B238   *       | DS     M  A164 -A167
                                     | DSC    M  B24         B201
          --- J849  ---              | DSC    M  B24         B203
                                     | DSC    M  B24         B208
DSC    M  B24         B238           | DS     M  C33  -C349
DSC    M  E841        E848           | DS     M  C384 -C388
DSC    M  E849        E840           | DS     M  C398
DS     M  J848                       | DS     M  C780
DSC    M  R75         B238   *       | DS     M  C782 -C783
                                     | DS     M  D021 -D022
          --- J8490 ---              | DS     M  D142 -D143
                                     | DS     M  D381 -D382
DSC       B24         B208           | DS        E840
SMP       B59                        | DSC       E841        E848
DSC       E841        E848           | DS     M  E848
DSC       E849        E840           | DSC       E849        E840
DSC    M  E859        E854           | DS     M  E854
DSC       M300        M301           | DSC    M  E859        E854
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MODIFICATION: SELECTION RULE 3, MODIFICATION RULES A, C, AND D

```
           --- J851  ---            |         --- J853  ---
             CONTINUED              |           CONTINUED
DS        J40  -J709                | DS    M  C33  -C349
DS        J82  -J8490               | DS    M  C384 -C388
DS        J980 -J983                | DS    M  C398
DSC       M300         M301         | DS    M  C780
DS    M   M301                      | DS    M  C782 -C783
DS    M   M348                      | DS    M  D021 -D022
DSC       M349         M348         | DS    M  D142 -D143
DSC   M   R75          B201   *  |  DS    M  D381 -D382
DSC   M   R75          B203   *  |  DS       E840
DSC   M   R75          B208   *  |  DSC      E841          E848
DS        T818                      | DS    M  E848
                                    | DSC      E849          E840
          --- J852  ---             | DS    M  E854
                                    | DSC   M  E859          E854
DSC   M   A061         A065         | DS       J40  -J709
DSC   M   A064         A065         | DS       J82  -J8490
SMP       A065                      | DS       J980 -J984
DSC   M   A069         A065         | DSC   M  R75          B201   *
DS    M   A164 -A167                | DSC   M  R75          B203   *
DSC   M   B24          B201         | DSC   M  R75          B208   *
DSC   M   B24          B203         | DS       T818
DSC   M   B24          B208         |
DS    M   C33  -C349                |         --- J860  ---
DS    M   C384 -C388                |
DS    M   C398                      | SMP   M  A165
DS    M   C780                      | DSC   M  B24          B201
DS    M   C782 -C783                | DSC   M  B24          B203
DS    M   D021 -D022                | DSC   M  B24          B208
DS    M   D142 -D143                | DS       C340 -C349
DS    M   D381 -D382                | DS       C780
DS        E840                      | DS    M  C810 -C960
DSC       E841         E848         | DS       D022
DS    M   E848                      | DS       D143
DSC       E849         E840         | DS       D381
DS    M   E854                      | DS       E840
DSC   M   E859         E854         | DSC      E841          E848
LMC       J180 -J189  J851          | DS    M  E848
DS        J40  -J709                | DSC      E849          E840
DS        J82  -J8490               | DS    M  E854
SMP       J851                      | DSC   M  E859          E854
DS        J980 -J983                | DSC   M  R75          B201   *
DSC       M300         M301         | DSC   M  R75          B203   *
DS        M301                      | DSC   M  R75          B208   *
DS    M   M348                      |
DSC       M349         M348         |         --- J869  ---
DSC   M   R75          B201   *  |
DSC   M   R75          B203   *  |  SMP       A165
DSC   M   R75          B208   *  |  DSC   M  B24          B201
DS        T818                      | DSC   M  B24          B203
                                    | DSC   M  B24          B208
          --- J853  ---             | DS       C340 -C349
                                    | DS       C780
DS    M   A164 -A167                | DS    M  C810 -C960
DSC   M   B24          B201         | DS       D022
DSC   M   B24          B203         | DS       D143
DSC   M   B24          B208         | DS       D381
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              --- J869  ---              |      --- J930 -J938  ---
                 CONTINUED               |         CONTINUED
DS         E840                          | DSC       B24          B238
DSC        E841          E848            | DS     M  B909
DS      M  E848                          | DS        C33  -C349
DSC        E849          E840            | DS        C384
DS      M  E854                          | DS     M  C388
DSC     M  E859          E854            | DS     M  C398
LMP        J860                          | DS        C780
DSC     M  R75           B201  *         | DS        C782
DSC     M  R75           B203  *         | DS     M  C783
DSC     M  R75           B208  *         | DS        D021 -D022
                                         | DS        D142 -D143
                                         | DS        D381 -D382
             --- J90   ---               | DS        E840
                                         | DSC       E841          E848
SMP     M  A165                          | DS     M  E848
DS         C340 -C349                    | DSC       E849          E840
DS         C780                          | DS     M  E854
DS         D022                          | DSC    M  E859          E854
DS         D143                          | DS        J40  -J709
DS      M  D381                          | DS        J82  -J853
DS         E840                          | DS        J980 -J984
DSC        E841          E848            | DSC       M300          M301
DS      M  E848                          | DS        M301
DSC        E849          E840            | DS     M  M348
DS      M  E854                          | DSC       M349          M348
DSC     M  E859          E854            | DSC       R75           B238  *
SMP     M  J101                          | DS        T797
LMC        J1010         J101            | DS        T818
SMP     M  J111                          |
LMC        J1110         J111            |
SMP        J940                          |      --- J939   ---
DSC        M300          M301            |
DS         M301                          | SMP    M  A162
DS      M  M348                          | DS     M  A163 -A1690
DSC        M349          M348            | DSC       B24           B238
                                         | DS     M  B909
                                         | DS        C33  -C349
             --- J929   ---              | DS        C384
                                         | DS     M  C388
DSC        B24           B238            | DS     M  C398
DS         E840                          | DS        C780
DSC        E841          E848            | DS        C782
DS      M  E848                          | DS     M  C783
DSC        E849          E840            | DS        D021 -D022
DS      M  E854                          | DS        D142 -D143
DSC     M  E859          E854            | DS        D381 -D382
LMC        J61           J920            | DS        E840
SMP        J920                          | DSC       E841          E848
DSC        M300          M301            | DS     M  E848
DS         M301                          | DSC       E849          E840
DS      M  M348                          | DS     M  E854
DSC        M349          M348            | DSC    M  E859          E854
DSC        R75           B238  *         | DS        J40  -J709
                                         | DS        J82  -J853
                                         | SMP       J930 -J938
          --- J930 -J938  ---            | DS        J980 -J984
                                         | DSC       M300          M301
SMP     M  A162                          |
DS      M  A163 -A1690                   |
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        --- J939  ---                  |        --- J942  ---
           CONTINUED                   |           CONTINUED
DS         M301                        | DSC        R75           B238   *
DS    M  M348                          |
DSC        M349          M348          |        --- J948  ---
DSC        R75           B238   *      |
DS         T797                        | DSC        B24           B238
DS         T818                        | DS         C33  -C349
                                       | DS         C384
      --- J940 -J941  ---              | DS    M  C388
                                       | DS    M  C398
DSC        B24           B238          | DS         C780
DS         C33  -C349                  | DS         C782
DS         C384                        | DS    M  C783
DS    M  C388                          | DS         D021 -D022
DS    M  C398                          | DS         D142 -D143
DS         C780                        | DS         D381 -D382
DS         C782                        | DS         E840
DS    M  C783                          | DSC        E841          E848
DS         D021 -D022                  | DS    M  E848
DS         D142 -D143                  | DSC        E849          E840
DS         D381 -D382                  | DS    M  E854
DS         E840                        | DSC    M  E859          E854
DSC        E841          E848          | DSC        M300          M301
DS    M  E848                          | DS         M301
DSC        E849          E840          | DS    M  M348
DS    M  E854                          | DSC        M349          M348
DSC    M  E859          E854           | DSC        R75           B238   *
DSC        M300          M301          |
DS         M301                        |        --- J949  ---
DS    M  M348                          |
DSC        M349          M348          | DSC        B24           B238
DSC        R75           B238   *      | DS         C33  -C349
                                       | DS         C384
       --- J942   ---                  | DS    M  C388
                                       | DS    M  C398
SMP   M  A165                          | DS         C780
DSC        B24           B238          | DS         C782
DS         C33  -C349                  | DS    M  C783
DS         C384                        | DS         D021 -D022
DS    M  C388                          | DS         D142 -D143
DS    M  C398                          | DS         D381 -D382
DS         C780                        | DS         E840
DS         C782                        | DSC        E841          E848
DS    M  C783                          | DS    M  E848
DS         D021 -D022                  | DSC        E849          E840
DS         D142 -D143                  | DS    M  E854
DS         D381 -D382                  | DSC    M  E859          E854
DS         E840                        | SMP   M  J860 -J869
DSC        E841          E848          | SMP      J90  -J929
DS    M  E848                          | SMP      J940 -J948
DSC        E849          E840          | DSC        M300          M301
DS    M  E854                          | DS         M301
DSC    M  E859          E854           | DS    M  M348
DSC        M300          M301          | DSC        M349          M348
DS         M301                        | DSC        R75           B238   *
DS    M  M348                          |
DSC        M349          M348          |
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                                TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D

              --- J950 ---                  |          --- J961 ---
                                            |            CONTINUED
DS          Y833                            | DS          E850 -E853
DS      M   Y883                            | DS      M   E854
                                            | DS          E858 -E859
           --- J951 -J952 ---               | DS          F171 -F179
                                            | DS      M   G10  -G129
DS      M   Y830 -Y834                       | DS          G20  -G219
DS      M   Y836 -Y839                       | DS      M   G230 -G239
DS      M   Y883                            | DS      M   G35  -G379
                                            | DS          G580
           --- J953 -J954 ---               | DS      M   G600 -G610
                                            | DS      M   G700 -G722
DS      M   Y830 -Y839                       | DS      M   G724 -G729
DS      M   Y883                            | DS          G800 -G809
                                            | DS          I64
              --- J955 ---                   | DS          I690 -I698
                                            | DS          J40  -J679
DS          Y830 -Y849                       | DS      M   J680 -J689
DS          Y883                            | DS          J701
                                            | DS          J703
           --- J958 -J959 ---               | DS      M   J704 -J709
                                            | DS          J840 -J8490
DS          Y600 -Y849                       | DS          J953
DS          Y881                            | DS          J980 -J981
DS          Y883                            | DS          J984 -J9840
                                            | DS          J986
              --- J960 ---                   | DS          M050 -M089
                                            | DS          M300 -M432
DSC         E841            E848            | DS          M439
DSC         E849            E840            | DS          M954
                                            | DS          P100 -P119
              --- J961 ---                   | DS          P270 -P279
                                            | DS          Q010 -Q079
DS          A162 -A169                       | DS          Q320 -Q349
DS          A190 -A199                       | DS          Q611
DS          A310                            | DS          Q675 -Q678
DS          A318 -A319                       | DS          Q763 -Q769
DSC         B24             B238            | DS          Q771 -Q772
DS          B909                            | DS          Q780 -Q782
DS      M   B948 -B949                       | DS          Q790 -Q791
DS          C300 -C399                       | DSC         R75             B238   *
DS          C780 -C783                       | DS      M   T900 -T983
DS      M   C810 -C859                       |
DS          D020 -D022                       |          --- J969 ---
DS      M   D023                            |
DS          D024                            | DSC         E841            E848
DS      M   D140                            | DSC         E849            E840
DS          D141 -D159                       |
DS      M   D367                            |          --- J980 ---
DS          D380 -D384                       |
DS      M   D385                            | DS          A162 -A163
DS          D386                            | SMP     M   A164
DS      M   D487                            | DS          A165 -A1690
DS          E840                            | SMP     M   A527
DSC         E841            E848            | DSC     M   B24             B238
DS          E848                            | DS      M   B909
DSC         E849            E840            | DS          C33  -C349

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                         TABLE E
     MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


            --- J980  ---        |        --- J981  ---
               CONTINUED         |           CONTINUED
DS          C384                 | DS          T818
DS     M    C388                 |
DS     M    C398                 |    --- J982 -J983  ---
DS          C780                 |
DS          C782                 | DSC        E841        E848
DS     M    C783                 | DSC        E849        E840
DS          D021 -D022           |
DS          D142 -D143           |    --- J984  ---
DS          D381 -D382           |
DS     M    E840                 | SMP   M    A022
DSC         E841        E848     | SMP   M    A060
DS     M    E848                 | SMP   M    A065
DSC         E849        E840     | SMP   M    A069
DS     M    E850 -E858           | SMP   M    A162
DSC    M    E859        E854     | DS    M    A163 -A1690
SMP    M    J100 -J101           | SMP   M    A212
SMP    M    J110 -J111           | SMP   M    A221
SMP    M    J120 -J180           | SMP   M    A310
SMP    M    J200 -J219           | SMP   M    A420
SMP    M    J40  -J42            | SMP   M    A527
DS     M    J430 -J46            | SMP   M    A548
SMP    M    J47                  | SMP   M    B052
DS     M    J60  -J679           | SMP   M    B068
SMP    M    J680                 | DSC   M    B24         B201
DS     M    J681 -J709           | DSC   M    B24         B208
DSC         M300       M301      | DSC   M    B24         B238
DS          M301                 | SMP   M    B371
DS     M    M321 -M328           | SMP   M    B390 -B392
DS     M    M332                 | SMP   M    B664
DS     M    M348                 | SMP   M    B671
DSC         M349       M348      | SMP   M    B676
SMP    M    P220 -P239           | SMP   M    B679
SMP    M    P271                 | SMP   M    B909
SMP    M    Q322 -Q324           | DS         C33  -C349
DSC    M    R75        B238  *   | DS         C384
                                 | DS         C384
            --- J981  ---        | DS    M    C388
                                 | DS    M    C398
SMP    M    A162                 | DS         C780
DSC    M    B24        B238      | DS         C782
DS          E840                 | DS    M    C783
DSC         E841        E848     | DS         D021 -D022
DS     M    E848                 | DS         D142 -D143
DSC         E849        E840     | DS         D381 -D382
DS     M    E854                 | DS    M    E840
DSC    M    E859        E854     | DSC        E841        E848
DS          J430 -J439           | DS    M    E848
DS     M    J448                 | DSC        E849        E840
DS          J684                 | DS    M    E850 -E858
DS          J982 -J984           | DSC   M    E859        E854
DSC         M300       M301      | SMP   M    J100
DS          M301                 | SMP   M    J110
DS     M    M348                 | SMP   M    J120 -J189
DSC         M349       M348      | DSC   M    J40         J448
DSC    M    R75        B238  *   | DS         J82  -J8490
DS          T797                 | SMP   M    J850 -J852
                                 | DS         J853
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                            TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


            --- J984  ---            |       --- J9840 ---
             CONTINUED               |        CONTINUED
DS          J980 -J983               | DSC    E841          E848
DSC         M300       M301          | DS     E848
DS          M301                     | DSC    E849          E840
DS     M    M348                     | DS     E850 -E858
DSC         M349       M348          | DSC  M E859          E854
DSC    M    R75      B201  *         | SMP  M I00
DSC    M    R75      B208  *         | SMP    I260 -I269
DSC    M    R75      B238  *         | SMP    J100
DS     M    T797                     | SMP    J110
DS     M    T818                     | SMP    J120 -J219
                                     | SMP    J40  -J681
            --- J9840 ---            | DS     J682
                                     | SMP  M J683 -J689
SMP    M    A010                     | SMP    J690 -J80
SMP    M    A022                     | SMP    J82  -J949
SMP         A065                     | SMP    J951 -J954
SMP         A162                     | SMP    J980 -J984
DS          A163 -A1690              | DS     M051
SMP         A212                     | DSC    M069          M051
SMP         A221                     | DSC    M300          M301
SMP         A310                     | DS     M301
SMP         A420                     | DS   M M321
SMP         A430                     | DS     M328
SMP    M    A527                     | DS     M332
SMP    M    A548                     | DS   M M348
SMP    M    A698                     | DSC    M349          M348
SMP    M    A70                      | SMP    P200 -P284
SMP    M    A78                      | SMP    P288 -P289
SMP         B012                     | SMP  M P350
SMP         B052                     | SMP    Q330 -Q339
SMP    M    B068                     | DSC  M R75           B238  *
DSC    M    B24        B238          | DS   M T797
SMP         B250                     | DS   M T818
SMP         B371                     |
SMP         B380 -B382               |       --- J985  ---
SMP         B390 -B392               |
SMP         B440 -B441               | SMP  M A168
SMP         B583                     | SMP  M A527
SMP         B59                      | DSC  M B24           B201
SMP    M    B650 -B659               | DSC  M B24           B203
SMP    M    B778                     | DSC  M B24           B208
DS          B909                     | DSC  M B24           B238
SMP    M    B99                      | SMP  M C381 -C383
DS          C33                      | SMP  M C781
SMP         C340 -C349               | SMP  M D152
DS          C384 -C388               | SMP  M D383
DS          C398                     | DS     E840
SMP         C780                     | DSC    E841          E848
DS          C782 -C783               | DS   M E848
DS          D021                     | DSC    E849          E840
SMP         D022                     | DS   M E854
DS          D142                     | DSC  M E859          E854
SMP         D143                     | SMP  M J853
SMP    M    D381                     | DSC  M R75           B201  *
DS          D382                     | DSC  M R75           B203  *
DS          E840                     | DSC  M R75           B208  *
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        --- J985  ---        |       --- J989  ---
          CONTINUED          |         CONTINUED
DSC   M R75          B238 * | SMP       D141 -D159
                            | SMP       D380 -D383
       --- J986  ---         | SMP       D385 -D386
                            | DS        E840
DSC   M B24          B238   | DSC       E841          E848
DS      E840                | DS     M  E848
DSC     E841         E848   | DSC       E849          E840
DS    M E848                | DS     M  E854
DSC     E849         E840   | DSC    M  E859          E854
DS    M E854                | SMP       I260 -I269
DSC   M E859         E854   | SMP       J00  -J959
DSC   M R75          B238 * | SMP       J961
                            | SMP       J980 -J988
       --- J988  ---         | DSC    M  R75          B238   *
                            |
DSC   M B24          B201   |       --- K000  ---
DSC   M B24          B203   |
DSC   M B24          B208   | DSC    M  B059          B054
DSC   M B24          B238   | DSC    M  B572          B573
DS      E840                | DSC    M  B779          B770
DSC     E841         E848   | DSC       E840          E848
DS    M E848                | DSC       E849          E841
DSC     E849         E840   |
DS    M E854                |       --- K001  ---
DSC   M E859         E854   |
SMP   M J00  -J101         | DSC    M  B059          B054
SMP   M J110 -J111         | DSC    M  B572          B573
SMP   M J120 -J329         | DSC    M  B779          B770
SMP   M J350                | DSC       E840          E848
SMP   M J36  -J371         | DSC       E849          E841
SMP   M J390 -J391         | LDP       K073
SMP   M J40  -J42          |
LMC   M J40  -J42    J448   |     --- K002 -K005  ---
LMP   M J430 -J439         |
SMP   M J440 -J448         | DSC    M  B059          B054
LMP   M J450 -J47          | DSC    M  B572          B573
LMP   M J679                | DSC    M  B779          B770
SMP   M J680                | DSC       E840          E848
SMP   M J682                | DSC       E849          E841
SMP   M J690 -J698         |
SMP   M J850 -J869         |       --- K006  ---
DSC   M R75          B201 * |
DSC   M R75          B203 * | DSC    M  B059          B054
DSC   M R75          B208 * | DSC    M  B572          B573
DSC   M R75          B238 * | DSC    M  B779          B770
                            | DSC       E840          E848
       --- J989  ---         | DSC       E849          E841
                            | LMP       K073
SMP   M A022                |
SMP     A065                |     --- K007 -K008  ---
SMP     A162 -A169         |
SMC     A1690        A169   | DSC    M  B059          B054
DSC   M B24          B238   | DSC    M  B572          B573
SMP     C310 -C398         | DSC    M  B779          B770
SMP     C780 -C783         | DSC       E840          E848
SMP   M D140                | DSC       E849          E841
```

```
                           TABLE E
          MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


            --- K009 ---          |      --- K040 -K046  ---
                                  |            CONTINUED
DSC     M  B059          B054     | DSC        E849          E841
DSC     M  B572          B573     |
DSC     M  B779          B770     |       --- K047  ---
DSC        E840          E848     |
DSC        E849          E841     | DSC     M  B059          B054
SMP        K000 -K008             | DSC     M  B572          B573
                                  | DSC     M  B779          B770
        --- K010 -K011  ---       | DSC        E840          E848
                                  | DSC        E849          E841
DSC     M  B059          B054     | LMP        K046
DSC     M  B572          B573     |
DSC     M  B779          B770     |       --- K048  ---
DSC        E840          E848     |
DSC        E849          E841     | DSC     M  B059          B054
LMP        K073                   | DSC     M  B572          B573
                                  | DSC     M  B779          B770
        --- K020 -K028  ---       | DSC        E840          E848
                                  | DSC        E849          E841
DSC     M  B059          B054     |
DSC     M  B572          B573     |       --- K049  ---
DSC     M  B779          B770     |
DSC        E840          E848     | DSC     M  B059          B054
DSC        E849          E841     | DSC     M  B572          B573
                                  | DSC     M  B779          B770
           --- K029  ---          | DSC        E840          E848
                                  | DSC        E849          E841
DSC     M  B059          B054     | SMP        K040 -K048
DSC     M  B572          B573     |
DSC     M  B779          B770     |      --- K050 -K051  ---
DSC        E840          E848     |
DSC        E849          E841     | DSC     M  B059          B054
SMP        K020 -K028             | DSC     M  B572          B573
                                  | DSC     M  B779          B770
        --- K030 -K038  ---       | DSC        E840          E848
                                  | DSC        E849          E841
DSC     M  B059          B054     |
DSC     M  B572          B573     |         --- K052  ---
DSC     M  B779          B770     |
DSC        E840          E848     | DSC        E840          E848
DSC        E849          E841     | DSC        E849          E841
                                  |
           --- K039  ---          |      --- K053 -K054  ---
                                  |
DSC     M  B059          B054     | DSC     M  B059          B054
DSC     M  B572          B573     | DSC     M  B572          B573
DSC     M  B779          B770     | DSC     M  B779          B770
DSC        E840          E848     | DSC        E840          E848
DSC        E849          E841     | DSC        E849          E841
SMP        K030 -K038             |
                                  |         --- K055  ---
        --- K040 -K046  ---       |
                                  | DSC        E840          E848
DSC     M  B059          B054     | DSC        E849          E841
DSC     M  B572          B573     |
DSC     M  B779          B770     |
DSC        E840          E848     |
```

```
                              TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D

            --- K056 ---              |        --- K075 -K078   ---
                                      |
DSC      M  B059          B054        | DSC      M  B059          B054
DSC      M  B572          B573        | DSC      M  B572          B573
DSC      M  B779          B770        | DSC      M  B779          B770
SMP         C030 -C039                | DSC         E840          E848
SMP      M  C798                      | DSC         E849          E841
SMP      M  D000                      |
SMP      M  D103                      |        --- K079   ---
SMP      M  D370                      |
DSC         E840          E848        | DSC      M  B059          B054
DSC         E849          E841        | DSC      M  B572          B573
SMP         K050 -K055                | DSC      M  B779          B770
SMP      M  Q386                      | DSC         E840          E848
                                      | DSC         E849          E841
            --- K060   ---            | SMP         K070 -K078
                                      |
DSC      M  B059          B054        |        --- K080   ---
DSC      M  B572          B573        |
DSC      M  B779          B770        | DSC      M  B059          B054
DSC         E840          E848        | DSC      M  B572          B573
DSC         E849          E841        | DSC      M  B779          B770
                                      | DSC         E840          E848
        --- K061 -K068   ---          | DSC         E849          E841
                                      |
DSC         E840          E848        |        --- K081   ---
DSC         E849          E841        |
                                      | DSC      M  B059          B054
            --- K069   ---            | DSC      M  B572          B573
                                      | DSC      M  B779          B770
DSC      M  B059          B054        | DSC         E840          E848
DSC      M  B572          B573        | DSC         E849          E841
DSC      M  B779          B770        | LMC         K074          K073
DSC         E840          E848        |
DSC         E849          E841        |    --- K082 -K083   ---
SMP         K060 -K068                |
                                      | DSC      M  B059          B054
        --- K070 -K073   ---          | DSC      M  B572          B573
                                      | DSC      M  B779          B770
DSC      M  B059          B054        | DSC         E840          E848
DSC      M  B572          B573        | DSC         E849          E841
DSC      M  B779          B770        |
DSC         E840          E848        |        --- K088   ---
DSC         E849          E841        |
                                      | DSC         E840          E848
            --- K074   ---            | DSC         E849          E841
                                      |
DSC      M  B059          B054        |        --- K089   ---
DSC      M  B572          B573        |
DSC      M  B779          B770        | DSC         E840          E848
DSC         E840          E848        | DSC         E849          E841
DSC         E849          E841        | SMP         K080 -K088
SMP         K070 -K073                |
SMP         K075 -K078                |        --- K090   ---
DSC         K081          K073        |
                                      | DSC         E840          E848
                                      | DSC         E849          E841
                                      |
                                      |
                              E-213  (11-04)
```

```
        --- K091 -K098  ---        |        --- K109  ---
                                   |            CONTINUED
DSC      M  B059           B054    | SMP      M  D223
DSC      M  B572           B573    | SMP      M  D233
DSC      M  B779           B770    | SMP      M  D367
DSC         E840           E848    | SMP      M  D370
DSC         E849           E841    | SMP      M  D480
                                   | SMP      M  D485
         --- K099  ---             | SMP      M  D487
                                   | DSC         E840           E848
DSC      M  B059           B054    | DSC         E849           E841
DSC      M  B572           B573    | SMP         K070 -K078
DSC      M  B779           B770    | SMP         K090 -K108
DSC         E840           E848    |
DSC         E849           E841    |        --- K110 -K118  ---
SMP         K090 -K098            |
                                   | DSC      M  B059           B054
       --- K100 -K101  ---         | DSC      M  B572           B573
                                   | DSC      M  B779           B770
DSC      M  B059           B054    | DSC         E840           E848
DSC      M  B572           B573    | DSC         E849           E841
DSC      M  B779           B770    |
DSC         E840           E848    |        --- K119  ---
DSC         E849           E841    |
                                   | DSC         E840           E848
         --- K102  ---             | DSC         E849           E841
                                   | SMP         K110 -K118
DSC         E840           E848    |
DSC         E849           E841    |        --- K120  ---
                                   |
       --- K103 -K108  ---         | DSC      M  B059           B054
                                   | DSC      M  B24            B238
DSC      M  B059           B054    | DSC      M  B572           B573
DSC      M  B572           B573    | DSC      M  B779           B770
DSC      M  B779           B770    | DSC         E840           E848
DSC         E840           E848    | DSC         E849           E841
DSC         E849           E841    | DSC      M  R75            B238  *
                                   |
         --- K109  ---             |        --- K121  ---
                                   |
SMP      M  A180                   | DSC      M  B059           B054
DSC      M  B059           B054    | LMP         B084
DSC      M  B572           B573    | DSC      M  B24            B201
DSC      M  B779           B770    | DSC      M  B24            B203
SMP      M  B902                   | DSC      M  B24            B208
SMP      M  C030 -C039             | DSC      M  B24            B238
SMP      M  C410                   | DSC         E840           E848
SMP         C411                   | DSC         E849           E841
SMP      M  C433                   | DSC      M  R75            B201  *
SMP      M  C443                   | DSC      M  R75            B203  *
SMP      M  C760                   | DSC      M  R75            B208  *
SMP      M  C795                   | DSC      M  R75            B238  *
SMP      M  C798                   |
SMP      M  D043                   |        --- K122  ---
SMP      M  D097                   |
SMP      M  D103                   | DSC      M  B059           B054
SMP      M  D164                   | DSC      M  B24            B201
SMP         D165                   | DSC      M  B24            B203
```

```
        --- K122  ---          |        --- K140  ---
          CONTINUED           |
DSC    M  B24          B208    | DSC      E840          E848
DSC    M  B24          B238    | DSC      E849          E841
DSC       E840         E848    |
DSC       E849         E841    |      --- K141 -K146  ---
DSC    M  R75          B201  * |
DSC    M  R75          B203  * | DSC    M  B059         B054
DSC    M  R75          B208  * | DSC    M  B572         B573
DSC    M  R75          B238  * | DSC    M  B779         B770
                              | DSC      E840          E848
        --- K130  ---          | DSC      E849          E841
                              |
DSC    M  B059         B054    |        --- K148  ---
DSC    M  B24          B238    |
DSC       E840         E848    | DSC      E840          E848
DSC       E849         E841    | DSC      E849          E841
DSC    M  R75          B238  * |
                              |        --- K149  ---
        --- K131  ---          |
                              | DSC      E840          E848
DSC       E840         E848    | DSC      E849          E841
DSC       E849         E841    | SMP      K140 -K148
                              |
      --- K132 -K133  ---      |        --- K20   ---
                              |
DSC    M  B24          B238    | SMP   M  A188
DSC       E840         E848    | DSC   M  B24           B201
DSC       E849         E841    | DSC   M  B24           B203
DSC    M  R75          B238  * | DSC   M  B24           B208
                              | DSC   M  B572          B573
        --- K134  ---          | SMP   M  B573
                              | DS       C160
DSC       E840         E848    | DS    M  C788
DSC       E849         E841    | DS       D001 -D002
                              | DS       D130 -D131
                              | DS       D371
        --- K135  ---          | DS    M  D377
                              | DSC      E840          E848
DSC    M  B059         B054    | DSC      E849          E841
DSC    M  B24          B238    | DSC      K219          K210
DSC    M  B572         B573    | DS       K440 -K449
DSC    M  B779         B770    | DS       Q390 -Q399
DSC       E840         E848    | DS       Q401
DSC       E849         E841    | DS       Q790 -Q791
DSC    M  R75          B238  * | DSC   M  R75           B201  *
                              | DSC   M  R75           B203  *
        --- K136  ---          | DSC   M  R75           B208  *
                              | DS    M  T360 -T659
DSC       E840         E848    | DS    M  T96  -T97
DSC       E849         E841    |
                              |        --- K210  ---
        --- K137  ---          |
                              | DSC   M  B24           B201
DSC       E840         E848    | DSC   M  B24           B203
DSC       E849         E841    | DSC   M  B24           B208
SMP    M  K130 -K136          | DSC   M  B572          B573
                              | DS       C150 -C160
```

```
         --- K210  ---           |         --- K221   ---
            CONTINUED            |
DS      M  C788                  | DSC    M  B24              B238
DS         D001 -D002            | DSC    M  B572             B573
DS         D371                  | DS     M  C788
DS      M  D377                  | DS        D001 -D002
DSC        E840          E848    | DS        D130 -D131
DSC        E849          E841    | DS        D371
DS         K440 -K449            | DS     M  D377
DS         Q390 -Q399            | DSC       E840             E848
DS         Q401                  | DSC       E849             E841
DS         Q790 -Q791            | DS        K440 -K449
DSC     M  R75           B201  * | DS        Q390 -Q399
DSC     M  R75           B203  * | DS        Q401
DSC     M  R75           B208  * | DS        Q790 -Q791
DS      M  T360 -T659            | DSC    M  R75              B238  *
DS      M  T96  -T97             | DS     M  T360 -T659
                                 | DS     M  T96  -T97
         --- K219  ---           |
                                 |         --- K222   ---
DSC     M  B572          B573    |
DS         C150 -C160            | DSC       B24              B238
DS      M  C788                  | DSC    M  B572             B573
DS         D001 -D002            | DS        C150 -C160
DS         D130 -D131            | DS     M  C788
DS         D371                  | DS        D001 -D002
DS      M  D377                  | DS        D130 -D131
DSC        E840          E848    | DS        D371
DSC        E849          E841    | DS     M  D377
LMC        K20           K210    | DSC       E840             E848
SMP        K210                  | DSC       E849             E841
DS         K440 -K449            | DS        K440 -K449
DS         Q390 -Q399            | DS        Q390 -Q399
DS         Q401                  | DS        Q401
DS         Q790 -Q791            | DS        Q790 -Q791
DS      M  T360 -T659            | DSC       R75              B238  *
DS      M  T96  -T97             | DS     M  T360 -T659
                                 | DS     M  T96  -T97
         --- K220  ---           |
                                 |         --- K223   ---
DSC        B24           B238    |
DSC     M  B572          B573    | DSC       B24              B238
SMP     M  B573                  | DSC    M  B572             B573
DS         C150 -C160            | DS        C150 -C160
DS      M  C788                  | DS     M  C788
DS         D001 -D002            | DS        D001 -D002
DS         D130 -D131            | DS        D130 -D131
DS         D371                  | DS        D371
DS      M  D377                  | DS     M  D377
DSC        E840          E848    | DSC       E840             E848
DSC        E849          E841    | DSC       E849             E841
DS         K440 -K449            | DS        K225 -K226
DS         Q390 -Q399            | DS        K440 -K449
DS         Q401                  | DS        Q390 -Q399
DS         Q790 -Q791            | DS        Q401
DSC        R75           B238  * | DS        Q790 -Q791
DS      M  T360 -T659            | DSC       R75              B238  *
DS      M  T96  -T97             | DS     M  T96  -T97
```

```
            --- K224  ---          |            --- K228  ---
                                   |                 CONTINUED
DSC         B24          B238      | DSC         E849          E841
DSC    M    B572         B573      | DSC    M    I859          I850
DS          C150 -C160             | DS     M    K20  -K226
DS     M    C788                   | DS          K440 -K449
DS          D001 -D002             | DS          Q390 -Q399
DS          D130 -D131             | DS          Q401
DS          D371                   | DS          Q790 -Q791
DS     M    D377                   | DSC         R75           B238  *
DSC         E840         E848      | DS     M    T360 -T659
DSC         E849         E841      | DS     M    T96  -T97
DS          G122 -G1220            |
DS          G700 -G709             |            --- K229  ---
DS          K225                   |
DS          K440 -K449             | DSC         B24           B238
DS          Q390 -Q399             | DSC    M    B572          B573
DS          Q401                   | SMP         C150 -C160
DS          Q790 -Q791             | SMP    M    C788
DSC         R75          B238  *   | SMP    M    D001 -D002
DS     M    T360 -T659             | SMP         D130
DS     M    T96  -T97              | SMP    M    D131
                                   | SMP    M    D371
            --- K225  ---          | SMP    M    D377
                                   | DSC         E840          E848
DSC         B24          B238      | DSC         E849          E841
DSC    M    B572         B573      | SMP         K20  -K228
DSC         E840         E848      | SMP         K440 -K449
DSC         E849         E841      | SMP         Q390 -Q399
DSC         R75          B238  *   | SMP         Q401
                                   | DSC         R75           B238  *
            --- K226  ---          |
                                   |            --- K250  ---
DSC         B24          B238      |
DSC    M    B572         B573      | DSC    M    B059          B054
DS          C150 -C160             | DSC         B24           B238
DS     M    C788                   | DSC    M    B572          B573
DS          D001 -D002             | DSC    M    B779          B770
DS          D130 -D131             | DSC         E840          E848
DS          D371                   | DSC         E849          E841
DS     M    D377                   | LMC         K251          K252
DSC         E840         E848      | LMP         K252
DSC         E849         E841      | LMC         K255 -K256    K252
DS          F100 -F109             | DSC         K257          K254
DSC         R75          B238  *   | LMC         K271 -K272    K252
                                   | LMC         K275 -K276    K252
            --- K228  ---          | LMC    M    K318          K252
                                   | LMC         K6310         K252
DS     M    A188                   | DSC         R75           B238  *
DSC         B24          B238      |
DSC    M    B572         B573      |            --- K251  ---
DS          C150 -C160             |
DS     M    C788                   | DSC    M    B059          B054
DS          D001 -D002             | DSC         B24           B238
DS          D130 -D131             | DSC    M    B572          B573
DS          D371                   | DSC    M    B779          B770
DS     M    D377                   | DSC         E840          E848
DSC         E840         E848      | DSC         E849          E841
```

```
         --- K251  ---           |         --- K254  ---
            CONTINUED            |            CONTINUED
LMC         K250        K252     | SMP        K250
LMP         K252                 | LMC        K251        K252
LMC         K254        K252     | LMP        K252
LMC         K256        K252     | LMC        K253        K250
DSC         K257        K255     | LMC        K255        K256
LMC         K270        K252     | LMP        K256
LMC         K272        K252     | LMC        K270        K250
LMC         K274        K252     | LMC        K271 -K272  K252
LMC         K276        K252     | LMC        K273        K250
LMC         K920 -K922  K252     | LMC        K275 -K276  K256
LMC         R58  -R5800 K252     | LMC   M    K318        K256
DSC         R75         B238  *  | LMC        K6310       K256
                                 | DSC        R75         B238  *
         --- K252  ---           |
                                 |         --- K255  ---
DSC   M     B059        B054     |
DSC         B24         B238     | DSC   M    B059        B054
DSC   M     B572        B573     | DSC        B24         B238
DSC   M     B779        B770     | DSC   M    B572        B573
DSC         E840        E848     | DSC   M    B779        B770
DSC         E849        E841     | DSC        E840        E848
DSC         K257        K256     | DSC        E849        E841
DSC         R75         B238  *  | LMC        K250        K252
                                 | SMP        K251
         --- K253  ---           | LMP        K252
                                 | LMC        K253        K251
DSC   M     B059        B054     | LMC        K254        K256
DSC         B24         B238     | LMP        K256
DSC   M     B572        B573     | LMC        K270        K252
DSC   M     B779        B770     | LMC        K271        K251
DSC         E840        E848     | LMC        K272        K252
DSC         E849        E841     | LMC        K273        K251
SMP         K250 -K252          | LMC        K274        K256
LMC         K254        K250     | LMC        K276        K256
LMC         K255        K251     | DSC        K280        K282
LMC         K256        K252     | DSC        K283        K281
LMC         K270        K250     | DSC        K284        K286
LMC         K271        K251     | DSC        K287 -K289  K285
LMC         K272        K252     | LMC        K920 -K922  K256
LMC         K274        K250     | LMC        R58  -R5800 K256
LMC         K275        K251     | DSC        R75         B238  *
LMC         K276        K252     |
LMC   M     K318        K251     |         --- K256  ---
LMC         K6310       K251     |
LMC         K920 -K922  K250     | DSC   M    B059        B054
LMC         R58  -R5800 K250     | DSC        B24         B238
DSC         R75         B238  *  | DSC   M    B572        B573
                                 | DSC   M    B779        B770
         --- K254  ---           | DSC        E840        E848
                                 | DSC        E849        E841
DSC   M     B059        B054     | LMC        K250 -K251  K252
DSC         B24         B238     | SMP        K252
DSC   M     B572        B573     | LMC        K253        K252
DSC   M     B779        B770     | LMC        K270 -K271  K252
DSC         E840        E848     | SMC        K272        K252
DSC         E849        E841     | LMC        K273        K252
```

```
                 --- K256  ---         |         --- K260  ---
                   CONTINUED           |           CONTINUED
DSC          R75             B238  * | DSC          E849            E841
                                      | LMC          K261            K262
                 --- K257  ---         | LMP          K262
                                      | LMC          K265 -K266      K262
DSC     M  B059             B054       | DSC          K267            K264
DSC        B24             B238        | LMC          K271 -K272      K262
DSC     M  B572             B573       | LMC          K275 -K276      K262
DSC     M  B779             B770       | LMC     M  K318            K262
DSC        E840             E848       | LMC          K6310           K262
DSC        E849             E841       | DSC          R75             B238  *
LMC        K250             K254       |
LMC        K251             K255       |         --- K261  ---
LMC        K252             K256       |
LMP        K254 -K256                 | DSC     M  B059            B054
LMC        K270             K254       | DSC          B24             B238
LMC        K271             K255       | DSC     M  B572            B573
LMC        K272             K256       | DSC     M  B779            B770
LMC        K274             K254       | DSC          E840            E848
LMC        K275             K255       | DSC          E849            E841
LMC        K276             K256       | LMC          K260            K262
LMC     M  K318             K255       | LMP          K262
LMC        K6310            K255       | LMC          K264            K262
LMC        K920 -K922       K254       | LMC          K266            K262
LMC        R58  -R5800      K254       | DSC          K267            K265
DSC        R75             B238  * | LMC          K270            K262
                                      | LMC          K272            K262
                 --- K259  ---         | LMC          K274            K262
                                      | LMC          K276            K262
DSC     M  B059             B054       | DSC          K764            K262
DSC        B24             B238        | LMC          K920 -K922      K262
DSC     M  B572             B573       | LMC          R58  -R5800     K262
DSC     M  B779             B770       | DSC          R75             B238  *
DSC        E840             E848       |
DSC        E849             E841       |         --- K262  ---
SMP        K250 -K257                 |
LMC        K270             K250       | DSC     M  B059            B054
LMC        K271             K251       | DSC          B24             B238
LMC        K272             K252       | DSC     M  B572            B573
LMC        K273             K253       | DSC     M  B779            B770
LMC        K274             K254       | DSC          E840            E848
LMC        K275             K255       | DSC          E849            E841
LMC        K276             K256       | DSC          K267            K266
LMC        K277             K257       | DSC          R75             B238  *
LMC     M  K318             K255       |
LMC        K6310            K255       |         --- K263  ---
LMC        K920 -K922       K254       |
LMC        R58  -R5800      K254       | DSC     M  B059            B054
DSC        R75             B238  * | DSC          B24             B238
                                      | DSC     M  B572            B573
                 --- K260  ---         | DSC     M  B779            B770
                                      | DSC          E840            E848
DSC     M  B059             B054       | DSC          E849            E841
DSC        B24             B238        | LMP          K260 -K262
DSC     M  B572             B573       | LMC          K264            K260
DSC     M  B779             B770       | LMC          K265            K261
DSC        E840             E848       | LMC          K266            K262
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            --- K263  ---          |          --- K265  ---
               CONTINUED           |             CONTINUED
LMC         K270         K260      | DSC         K284         K286
LMC         K271         K261      | DSC         K287 -K289   K285
LMC         K272         K262      | LMC         K920 -K922   K266
LMC         K274         K260      | LMC         R58  -R5800  K266
LMC         K275         K261      | DSC         R75          B238   *
LMC         K276         K262      |
LMC      M  K318         K261      |          --- K266  ---
LMC         K6310        K261      |
LMC         K920 -K922   K260      | DSC      M  B059         B054
LMC         R58  -R5800  K260      | DSC         B24          B238
DSC         R75          B238   * | DSC      M  B572         B573
                                  | DSC      M  B779         B770
            --- K264  ---          | DSC         E840         E848
                                  | DSC         E849         E841
DSC      M  B059         B054      | LMC         K260 -K261   K262
DSC         B24          B238      | SMP         K262
DSC      M  B572         B573      | LMC         K263         K262
DSC      M  B779         B770      | LMC         K270 -K273   K262
DSC         E840         E848      | DSC         R75          B238   *
DSC         E849         E841      |
SMP         K260                   |          --- K267  ---
LMC         K261         K262      |
LMP         K262                   | DSC      M  B059         B054
LMC         K263         K260      | DSC         B24          B238
LMC         K265         K266      | DSC      M  B572         B573
LMP         K266                   | DSC      M  B779         B770
LMC         K270         K260      | DSC         E840         E848
LMC         K271 -K272   K262      | DSC         E849         E841
LMC         K273         K260      | LMC         K260         K264
LMC         K275 -K276   K266      | LMC         K261         K265
LMC      M  K318         K266      | LMC         K262         K266
LMC         K6310        K266      | LMP         K264 -K266
DSC         R75          B238   * | LMC         K270         K264
                                  | LMC         K271         K265
            --- K265  ---          | LMC         K272         K266
                                  | LMC         K274         K264
DSC      M  B059         B054      | LMC         K275         K265
DSC         B24          B238      | LMC         K276         K266
DSC      M  B572         B573      | LMC      M  K318         K265
DSC      M  B779         B770      | LMC         K6310        K265
DSC         E840         E848      | LMC         K920 -K922   K264
DSC         E849         E841      | LMC         R58  -R5800  K264
LMC         K260         K262      | DSC         R75          B238   *
SMP         K261                   |
LMP         K262                   |          --- K269  ---
LMC         K263         K261      |
LMC         K264         K266      | DSC      M  B059         B054
LMP         K266                   | DSC         B24          B238
LMC         K270         K262      | DSC      M  B572         B573
LMC         K271         K261      | DSC      M  B779         B770
LMC         K272         K262      | DSC         E840         E848
LMC         K273         K261      | DSC         E849         E841
LMC         K274         K266      | SMP         K260 -K267
LMC         K276         K266      | LMC         K270         K260
DSC         K280         K282      | LMC         K271         K261
DSC         K283         K281      | LMC         K272         K262
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                --- K269  ---                  |          --- K271  ---
                  CONTINUED                    |            CONTINUED
LMC         K273            K263               | DSC         E849            E841
LMC         K274            K264               | SMC         K250            K252
LMC         K275            K265               | SMP         K251 -K252
LMC         K276            K266               | SMC         K253            K251
LMC         K277            K267               | SMC         K254            K252
LMC      M  K318            K265               | SMC         K255            K251
LMC      M  K631            K265               | SMC         K256            K252
LMC         K6310           K265               | DSC         K257            K255
LMC         K920 -K922      K264               | SMC         K259            K251
LMC         R58  -R5800     K264               | SMC         K260            K262
DSC         R75             B238    *          | SMP         K261 -K262
                                               | SMC         K263            K261
                --- K270  ---                  | SMC         K264            K262
                                               | SMC         K265            K261
DSC      M  B059            B054               | SMC         K266            K262
DSC         B24             B238               | DSC         K267            K265
DSC      M  B572            B573               | SMC         K269            K261
DSC      M  B779            B770               | LMC         K270            K272
DSC         E840            E848               | LMP         K272
DSC         E849            E841               | LMC         K274            K272
SMP         K250                               | LMC         K276            K272
SMC         K251            K252               | DSC         K277            K275
SMP         K252                               | SMC         K280            K282
SMC         K253 -K254      K250               | SMP         K281 -K282
SMC         K255 -K256      K252               | SMC         K283            K281
DSC         K257            K254               | SMC         K284            K282
SMC         K259            K250               | SMC         K285            K281
SMP         K260                               | SMC         K286            K282
SMC         K261            K262               | DSC         K287            K285
SMP         K262                               | SMC         K289            K281
SMC         K263 -K264      K260               | LMC         K920 -K922      K272
SMC         K265 -K266      K262               | LMC         R58  -R5800     K272
DSC         K267            K264               | DSC         R75             B238    *
DSC         K269            K260               |
LMC         K271            K272               |          --- K272  ---
LMP         K272                               |
LMC         K275 -K276      K272               | DSC      M  B059            B054
DSC         K277            K274               | DSC         B24             B238
SMP         K280                               | DSC      M  B572            B573
SMC         K281            K282               | DSC      M  B779            B770
SMP         K282                               | DSC         E840            E848
SMC         K283 -K284      K280               | DSC         E849            E841
SMC         K285 -K286      K282               | SMC         K250 -K251      K252
DSC         K287            K284               | SMP         K252
SMC         K289            K280               | SMC         K253 -K256      K252
LMC      M  K318            K272               | DSC         K257            K256
LMC         K6310           K272               | SMC         K259            K252
DSC         R75             B238    *          | SMC         K260 -K261      K262
                                               | SMP         K262
                --- K271  ---                  | SMC         K263 -K266      K262
                                               | DSC         K267            K266
DSC      M  B059            B054               | SMC         K269            K262
DSC         B24             B238               | DSC         K277            K276
DSC      M  B572            B573               | SMC         K280 -K281      K282
DSC      M  B779            B770               | SMP         K282
DSC         E840            E848               | SMC         K283 -K286      K282
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                          TABLE E
      MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


            --- K272  ---              |        --- K274  ---
              CONTINUED                |          CONTINUED
DSC           K287         K286        | SMC       K263         K260
SMC           K289         K282        | SMP       K264
DSC           R75          B238   *    | SMC       K265         K266
                                       | SMP       K266
            --- K273  ---              | SMC       K267 -K269   K264
                                       | SMP       K270
DSC     M   B059          B054         | LMC       K271         K272
DSC         B24           B238         | LMC       K273         K270
DSC     M   B572          B573         | LMC       K275         K276
DSC     M   B779          B770         | LMP       K276
DSC         E840          E848         | SMP       K280
DSC         E849          E841         | SMC       K281         K282
SMP         K250 -K253                 | SMP       K282
SMC         K254          K250         | SMC       K283         K280
SMC         K255          K251         | SMP       K284
SMC         K256          K252         | SMC       K285         K286
SMC         K259          K253         | SMP       K286
SMP         K260 -K263                 | SMC       K287 -K289   K284
SMC         K264          K260         | LMC     M K318         K276
SMC         K265          K261         | LMC       K6310        K276
SMC         K266          K262         | DSC       R75          B238   *
SMC         K269          K263         |
SMP         K270 -K272                 |        --- K275  ---
DSC         K274          K270         |
LMC         K275          K271         | DSC     M B059         B054
LMC         K276          K272         | DSC       B24          B238
SMP         K280 -K283                 | DSC     M B572         B573
SMC         K284          K280         | DSC     M B779         B770
SMC         K285          K281         | DSC       E840         E848
SMC         K286          K282         | DSC       E849         E841
SMC         K289          K283         | SMC       K250         K252
LMC     M   K318          K271         | SMP       K251 -K252
LMC         K6310         K271         | SMC       K253         K251
LMC         K920 -K922    K270         | SMC       K254         K256
LMC         R58  -R5800   K270         | SMP       K255 -K256
DSC         R75           B238   *     | SMC       K257 -K259   K255
                                       | SMC       K260         K262
            --- K274  ---              | SMP       K261 -K262
                                       | SMC       K263         K261
DSC     M   B059          B054         | SMC       K264         K266
DSC         B24           B238         | SMP       K265 -K266
DSC     M   B572          B573         | SMC       K267 -K269   K265
DSC     M   B779          B770         | LMC       K270         K272
DSC         E840          E848         | LMP       K271 -K272
DSC         E849          E841         | LMC       K273         K271
SMP         K250                       | LMC       K274         K276
SMC         K251          K252         | LMP       K276
SMP         K252                       | SMC       K280         K282
SMC         K253          K250         | SMP       K281 -K282
SMP         K254                       | SMC       K283         K281
SMC         K255          K256         | SMC       K284         K286
SMP         K256                       | SMC       K287 -K289   K285
SMC         K257 -K259    K254         | LMC       K920 -K922   K276
SMP         K260                       | LMC       R58  -R5800  K276
SMC         K261          K262         | DSC       R75          B238   *
SMP         K262                       |
```

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            --- K276  ---             |              --- K277  ---
                                      |                 CONTINUED
DSC     M  B059          B054         | SMP         K284 -K287
DSC        B24           B238         | SMC         K289          K287
DSC     M  B572          B573         | LMC     M   K318          K275
DSC     M  B779          B770         | LMC         K6310         K275
DSC        E840          E848         | LMC         K920 -K922    K274
DSC        E849          E841         | LMC         R58  -R5800   K274
SMC        K250 -K251    K252         | DSC         R75           B238  *
SMP        K252                       |
SMC        K253          K252         |             --- K279  ---
SMC        K254 -K255    K256         |
SMP        K256                       | DSC     M   B059          B054
SMC        K257 -K259    K256         | DSC         B24           B238
SMC        K260 -K261    K262         | DSC     M   B572          B573
SMP        K262                       | DSC     M   B779          B770
SMC        K263          K262         | DSC         E840          E848
SMC        K264 -K265    K266         | DSC         E849          E841
SMP        K266                       | SMP         K250 -K277
SMC        K267 -K269    K266         | SMP         K280 -K289
DSC        K270 -K271    K272         | LMC     M   K318          K275
DSC        K273          K272         | LMC         K6310         K275
SMC        K280 -K281    K282         | LMC         K920 -K922    K274
SMP        K282                       | LMC         R58  -R5800   K274
SMC        K283          K282         | DSC         R75           B238  *
SMC        K284 -K285    K286         |
SMP        K286                       |             --- K280  ---
SMC        K287 -K289    K286         |
DSC        R75           B238  * | DSC     M   B059          B054
                                      | DSC         B24           B238
            --- K277  ---             | DSC     M   B572          B573
                                      | DSC     M   B779          B770
DSC     M  B059          B054         | DSC         E840          E848
DSC        B24           B238         | DSC         E849          E841
DSC     M  B572          B573         | LMC         K255          K282
DSC     M  B779          B770         | LMC         K265          K282
DSC        E840          E848         | LMC         K271 -K272    K282
DSC        E849          E841         | LMC         K275 -K276    K282
SMC        K250          K254         | LMC         K281          K282
SMC        K251          K255         | LMP         K282
SMC        K252          K256         | LMC         K285 -K286    K282
SMC        K253          K257         | DSC         K287          K284
SMP        K254 -K257                 | LMC     M   K318          K282
SMC        K259          K257         | LMC         K6310         K282
SMC        K260          K264         | DSC         R75           B238  *
SMC        K261          K265         |
SMC        K262          K266         |             --- K281  ---
SMC        K263          K267         |
SMP        K264 -K267                 | DSC     M   B059          B054
SMC        K269          K267         | DSC         B24           B238
LMC        K270          K274         | DSC     M   B572          B573
LMC        K271          K275         | DSC     M   B779          B770
LMC        K272          K276         | DSC         E840          E848
SMP        K274 -K276                 | DSC         E849          E841
SMC        K280          K284         | LMC         K270          K282
SMC        K281          K285         | LMC         K272          K282
SMC        K282          K286         | LMC         K274          K282
SMC        K283          K287         | LMC         K276          K282
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        --- K281  ---            |      --- K284  ---
          CONTINUED              |        CONTINUED
LMC       K280         K282      | LMC     K270         K280
LMP       K282                   | LMC     K271 -K272   K282
DSC       K284         K282      | LMC     K273         K280
LMC       K286         K282      | LMC     K275 -K276   K286
DSC       K287         K285      | SMP     K280
LMC       K920 -K922   K282      | LMC     K281         K282
LMC       R58  -R5800  K282      | LMP     K282
DSC       R75          B238  *   | LMC     K283         K280
                                 | LMC     K285         K286
        --- K282  ---            | LMP     K286
                                 | LMC   M K318         K286
DSC    M  B059         B054      | LMC     K6310        K286
DSC       B24          B238      | DSC     R75          B238  *
DSC    M  B572         B573      |
DSC    M  B779         B770      |      --- K285  ---
DSC       E840         E848      |
DSC       E849         E841      | DSC   M B059         B054
DSC       K287         K286      | DSC     B24          B238
DSC       R75          B238  *   | DSC   M B572         B573
                                 | DSC   M B779         B770
        --- K283  ---            | DSC     E840         E848
                                 | DSC     E849         E841
DSC    M  B059         B054      | LMC     K270         K282
DSC       B24          B238      | LMC     K271         K281
DSC    M  B572         B573      | LMC     K272         K282
DSC    M  B779         B770      | LMC     K273         K281
DSC       E840         E848      | LMC     K274         K286
DSC       E849         E841      | LMC     K276         K286
LMC       K255         K281      | LMC     K280         K282
LMC       K265         K281      | SMP     K281
LMC       K270         K280      | LMP     K282
LMC       K271         K281      | LMC     K283         K281
LMC       K272         K282      | LMC     K284         K286
LMC       K274         K280      | LMP     K286
LMC       K275         K281      | LMC     K920 -K922   K286
LMC       K276         K282      | LMC     R58  -R5800  K286
SMP       K280 -K282            | DSC     R75          B238  *
LMC       K284         K280      |
LMC       K285         K281      |      --- K286  ---
LMC       K286         K282      |
LMC    M  K318         K281      | DSC   M B059         B054
LMC       K6310        K281      | DSC     B24          B238
LMC       K920 -K922   K280      | DSC   M B572         B573
LMC       R58  -R5800  K280      | DSC   M B779         B770
DSC       R75          B238  *   | DSC     E840         E848
                                 | DSC     E849         E841
        --- K284  ---            | LMC     K270 -K273   K282
                                 | LMC     K280 -K281   K282
DSC    M  B059         B054      | SMP     K282
DSC       B24          B238      | LMC     K283         K282
DSC    M  B572         B573      | DSC     R75          B238  *
DSC    M  B779         B770      |
DSC       E840         E848      |      --- K287  ---
DSC       E849         E841      |
LMC       K255         K286      | DSC   M B059         B054
LMC       K265         K286      | DSC     B24          B238
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          --- K287  ---            |          --- K290  ---
            CONTINUED              |            CONTINUED
DSC    M  B572         B573        | DSC         E849         E841
DSC    M  B779         B770        | DSC         J1010        J108
DSC       E840         E848        | DSC         J1110        J118
DSC       E849         E841        | DSC    M  R75          B201   *
LMC       K255         K285        | DSC    M  R75          B203   *
LMC       K265         K285        | DSC    M  R75          B208   *
LMC       K270         K284        |
LMC       K271         K285        |          --- K291  ---
LMC       K272         K286        |
LMC       K274         K284        | DSC    M  B059         B054
LMC       K275         K285        | DSC    M  B24          B201
LMC       K276         K286        | DSC    M  B24          B203
LMC       K280         K284        | DSC    M  B24          B208
LMC       K281         K285        | DSC    M  B572         B573
LMC       K282         K286        | DSC    M  B779         B770
LMP       K284 -K286              | DSC       E840         E848
LMC    M  K318         K285        | DSC       E849         E841
LMC       K6310        K285        | DSC       J1010        J108
LMC       K920 -K922  K284        | DSC       J1110        J118
LMC       R58  -R5800 K284        | LMC       K920 -K922  K290
DSC       R75          B238  *    | DSC    M  R75          B201   *
                                   | DSC    M  R75          B203   *
          --- K289  ---            | DSC    M  R75          B208   *
                                   |
DSC    M  B059         B054        |          --- K293  ---
DSC       B24          B238        |
DSC    M  B572         B573        | DSC    M  B24          B201
DSC    M  B779         B770        | DSC    M  B24          B203
DSC       E840         E848        | DSC    M  B24          B208
DSC       E849         E841        | DSC    M  B572         B573
LMC       K255         K285        | DSC    M  B779         B770
LMC       K265         K285        | DSC       E840         E848
LMC       K270         K280        | DSC       E849         E841
LMC       K271         K281        | DSC    M  R75          B201   *
LMC       K272         K282        | DSC    M  R75          B203   *
LMC       K273         K283        | DSC    M  R75          B208   *
LMC       K274         K284        |
LMC       K275         K285        |       --- K294 -K295  ---
LMC       K276         K286        |
LMC       K277         K287        | DSC    M  B059         B054
SMP       K280 -K287              | DSC    M  B24          B201
LMC    M  K318         K285        | DSC    M  B24          B203
LMC       K6310        K285        | DSC    M  B24          B208
LMC       K920 -K922  K284        | DSC    M  B572         B573
LMC       R58  -R5800 K284        | DSC    M  B779         B770
DSC       R75          B238  *    | DSC       E840         E848
                                   | DSC       E849         E841
          --- K290  ---            | DSC    M  R75          B201   *
                                   | DSC    M  R75          B203   *
DSC    M  B059         B054        | DSC    M  R75          B208   *
DSC    M  B24          B201        |
DSC    M  B24          B203        |          --- K296  ---
DSC    M  B24          B208        |
DSC    M  B572         B573        | DSC    M  B059         B054
DSC    M  B779         B770        | DSC    M  B24          B201
DSC       E840         E848        | DSC    M  B24          B203
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           --- K296  ---            |        --- K299  ---
              CONTINUED             |           CONTINUED
DSC     M  B24           B208       | DSC        J1110        J118
DSC     M  B572          B573       | SMP        K290 -K298
DSC     M  B779          B770       | DSC     M  R75          B201   *
DSC        E840          E848       | DSC     M  R75          B203   *
DSC        E849          E841       | DSC     M  R75          B208   *
DSC        J1010         J108       |
DSC        J1110         J118       |        --- K30   ---
DSC     M  R75           B201   *   |
DSC     M  R75           B203   *   | DSC     M  B059         B054
DSC     M  R75           B208   *   | DSC        B24          B238
                                    | DSC     M  B572         B573
           --- K297  ---            | DSC     M  B779         B770
                                    | DS         C160 -C169
SMP     M  A188                     | DS      M  C788
DSC     M  B059          B054       | DS         D002
DSC     M  B24           B201       | DS         D131
DSC     M  B24           B203       | DS         D371
DSC     M  B24           B208       | DS         D510
DSC     M  B572          B573       | DSC        E840         E848
DSC     M  B779          B770       | DSC        E849         E841
DSC        E840          E848       | DS         K250 -K289
DSC        E849          E841       | DS         K440 -K449
DSC        J1010         J108       | DS         Q400 -Q402
DSC        J1110         J118       | DS         Q790 -Q791
SMP        K290 -K296              | DSC        R75          B238   *
DSC     M  R75           B201   *   |
DSC     M  R75           B203   *   |        --- K310  ---
DSC     M  R75           B208   *   |
                                    | DSC     M  B059         B054
           --- K298  ---            | DSC        B24          B238
                                    | DSC     M  B572         B573
DSC     M  B059          B054       | DSC     M  B779         B770
DSC     M  B24           B201       | DSC        E840         E848
DSC     M  B24           B203       | DSC        E849         E841
DSC     M  B24           B208       | DSC        R75          B238   *
DSC     M  B572          B573       |
DSC     M  B779          B770       |        --- K311  ---
DSC        E840          E848       |
DSC        E849          E841       | DSC     M  B059         B054
DSC        J1010         J108       | DSC        B24          B238
DSC        J1110         J118       | DSC     M  B572         B573
DSC     M  R75           B201   *   | DSC     M  B779         B770
DSC     M  R75           B203   *   | DSC        E840         E848
DSC     M  R75           B208   *   | DSC        E849         E841
                                    | SMP        Q400
           --- K299  ---            | DSC        R75          B238   *
                                    |
DSC     M  B059          B054       |        --- K312 -K313  ---
DSC     M  B24           B201       |
DSC     M  B24           B203       | DSC     M  B059         B054
DSC     M  B24           B208       | DSC        B24          B238
DSC     M  B572          B573       | DSC     M  B572         B573
DSC     M  B779          B770       | DSC     M  B779         B770
DSC        E840          E848       | DSC        E840         E848
DSC        E849          E841       | DSC        E849         E841
DSC        J1010         J108       | DSC        R75          B238   *
```

MODIFICATION: SELECTION RULE 3, MODIFICATION RULES A, C, AND D

```
          --- K314  ---              |          --- K318  ---
                                     |
DSC     M  B059         B054         | DSC     M  B059         B054
DSC        B24          B238         | DSC        B24          B238
DSC     M  B572         B573         | DSC     M  B572         B573
DSC     M  B779         B770         | DSC     M  B779         B770
DSC        E840         E848         | DS         C160 -C169
DSC        E849         E841         | DS      M  C788
SMP     M  Q402                      | DS         D002
DSC        R75          B238   *     | DS         D131
                                     | DS         D371
          --- K315  ---              | DS         D510
                                     | SDC     M  D649         D508
DSC     M  B059         B054         | DSC     M  E100 -E105   E107   *
DSC        B24          B238         | DS      M  E106 -E107          *
DSC     M  B572         B573         | DSC     M  E108 -E109   E106   *
DSC     M  B779         B770         | DSC     M  E110 -E115   E117
DS         C170 -C179                | DS      M  E116 -E117          *
DS         C784                      | DSC     M  E118 -E119   E116   *
DS         D014                      | DSC     M  E120 -E125   E127
DS         D372                      | DS      M  E126 -E127          *
DSC        E840         E848         | DSC     M  E128 -E129   E126   *
DSC        E849         E841         | DSC     M  E130 -E135   E137
DS         K260 -K289                | DS      M  E136 -E137          *
DS         K500                      | DSC     M  E138 -E139   E136   *
DS         K508                      | DSC     M  E140 -E145   E147
DS         K570 -K571                | DS      M  E146 -E147          *
DS         K574 -K575                | DSC     M  E148 -E149   E146   *
DS         Q410 -Q419                | DSC        E840         E848
DS         Q430                      | DSC        E849         E841
DS      M  Q433                      | DSC     M  K250         K252
DS      M  Q438                      | DS         K251 -K252
DSC        R75          B238   *     | DSC     M  K253         K251
                                     | DSC     M  K254         K256
          --- K316  ---              | DS         K255 -K256
                                     | DSC     M  K257 -K259   K255
DSC     M  B059         B054         | DSC     M  K260         K262
DSC        B24          B238         | DS         K261 -K262
DSC     M  B572         B573         | DSC     M  K263         K261
DSC     M  B779         B770         | DSC     M  K264         K266
DS         C160 -C179                | DS         K265 -K266
DS         C784                      | DSC     M  K267 -K269   K265
DS      M  C788                      | DSC     M  K270         K272
DS         D002                      | DS         K271 -K272
DS      M  D014                      | DSC     M  K273         K271
DS         D131 -D133                | DSC     M  K274         K276
DS         D372                      | DS         K275 -K276
DSC        E840         E848         | DSC     M  K277 -K279   K275
DSC        E849         E841         | DSC     M  K280         K282
DS         K250 -K289                | DS         K281 -K282
DSC        R75          B238   *     | DSC     M  K283         K281
                                     | DSC     M  K284         K286
          --- K317  ---              | DS         K285 -K286
                                     | DSC     M  K287 -K289   K285
DSC        B24          B238         | DS         K440 -K449
DSC        E840         E848         | DS         Q400 -Q402
DSC        E849         E841         | DS         Q790 -Q791
DSC        R75          B238   *     | DSC        R75          B238   *
```

```
                           TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


              --- K319  ---          |            --- K351  ---
                                     |
DSC      M  B059          B054       | DSC     M  B059          B054
DSC         B24           B238       | DSC     M  B572          B573
DSC      M  B572          B573       | DSC     M  B779          B770
DSC      M  B779          B770       | DSC     M  E840          E848
SMP         C170                     | DSC     M  E849          E841
SMP      M  C784                     |
SMP      M  C810 -C902               |            --- K359  ---
SMP      M  D014                     |
SMP         D132                     | DSC     M  B059          B054
DSC         E840          E848       | DSC     M  B572          B573
DSC         E849          E841       | DSC     M  B779          B770
SMP         K260 -K269               | DSC     M  E840          E848
SMP      M  K270 -K289               | DSC     M  E849          E841
SMP         K298 -K299               | LMP     M  K350 -K351
SMP         K315                     | LMC     M  K650          K350
SMP      M  K316 -K318               | LMC     M  K650          K351
SMP      M  K500 -K571               |
SMP      M  K574 -K575               |            --- K36   ---
SMP      M  K630                     |
SMP         Q410                     | DSC     M  B059          B054
SMP      M  Q438                     | DSC     M  B572          B573
DSC         R75           B238   *   | DSC     M  B779          B770
                                     | DSC     M  E840          E848
              --- K3190 ---          | DSC     M  E849          E841
                                     |
DSC      M  B059          B054       |            --- K37   ---
DSC         B24           B238       |
DSC      M  B572          B573       | SMP     M  A068
DSC      M  B779          B770       | SMP     M  A183
SMP         C160 -C169               | DSC     M  B059          B054
SMP      M  C788                     | DSC     M  B572          B573
SMP      M  C810 -C902               | DSC     M  B779          B770
SMP         D002                     | DSC     M  E840          E848
SMP         D131                     | DSC     M  E849          E841
SMP         D371                     | LMP     M  K350 -K351
DSC         E840          E848       | SMP        K359 -K36
DSC         E849          E841       | LMC     M  K650          K350
SMP         K250 -K259               | LMC     M  K650          K351
SMP      M  K270 -K289               | LMC        K658 -K659    K359
SMP         K290 -K297               |
SMP         K310 -K314               |         --- K380 -K388  ---
SMP      M  K316 -K318               |
SMP         Q400 -Q403               | DSC     M  B059          B054
DSC         R75           B238   *   | DSC     M  B572          B573
                                     | DSC     M  B779          B770
              --- K350  ---          | DSC     M  E840          E848
                                     | DSC     M  E849          E841
DSC      M  B059          B054       |
DSC      M  B572          B573       |            --- K389  ---
DSC      M  B779          B770       |
DS       M  C180 -C181               | DSC     M  B059          B054
DSC      M  E840          E848       | DSC     M  B572          B573
DSC      M  E849          E841       | DSC     M  B779          B770
                                     | SMP        C181
                                     | SMP     M  C785
                                     | SMP     M  D010
                                     |
                        E-228  (11-04)
```

```
         --- K389  ---                |         --- K419  ---
           CONTINUED                  |           CONTINUED
SMP        D121                       | LMC        K560 -K567    K413
SMP        D373                       | LMC    M   R02           K414
DSC    M   E840            E848        |
DSC    M   E849            E841        |         --- K420  ---
SMP        K350 -K388                  |
SMP    M   Q438                       | SMP        K421
                                      | LMC    M   K550          K421
         --- K400  ---                | LMC    M   R02           K421
                                      |
SMP        K401                       |         --- K429  ---
LMC    M   K550            K401        |
LMC    M   R02             K401        | SMP        K420 -K421
                                      | LMC    M   K550          K421
         --- K402  ---                | LMC        K560 -K567    K420
                                      | LMC    M   R02           K421
SMP        K400 -K401                  |
LMC    M   K550            K401        |         --- K430  ---
LMC        K560 -K567      K400        |
LMC        R02             K401        | SMP        K431
                                      | LMC    M   K550          K431
         --- K403  ---                | LMC    M   R02           K431
                                      |
SMP        K404                       |         --- K439  ---
LMC    M   K550            K404        |
LMC    M   R02             K404        | SMP        K430 -K431
                                      | LMC    M   K550          K431
         --- K409  ---                | LMC        K560 -K567    K430
                                      | LMC    M   R02           K431
SMP        K400 -K404                  |
LMC    M   K550            K404        |         --- K440  ---
LMC        K560 -K567      K403        |
LMC    M   R02             K404        | SMP        K441
                                      | LMC    M   K550          K441
         --- K410  ---                | LMC    M   R02           K441
                                      | DS     M   T941
SMP        K411                       |
LMC    M   K550            K411        |         --- K449  ---
LMC    M   R02             K411        |
                                      | SMP        K440 -K441
         --- K412  ---                | LMC    M   K550          K441
                                      | LMC        K560 -K567    K440
SMP        K410 -K411                  | LMC    M   R02           K441
LMC    M   K550            K411        | DS         T914
LMC        K560 -K567      K410        | DS     M   T941
LMC    M   R02             K411        |
                                      |         --- K450  ---
         --- K413  ---                |
                                      | SMP        K451
SMP        K414                       | LMC    M   K550          K451
LMC    M   K550            K414        | LMC    M   R02           K451
LMC    M   R02             K414        |
                                      |         --- K458  ---
         --- K419  ---                |
                                      | SMP        K450 -K451
SMP        K410 -K414                  | LMC    M   K550          K451
LMC    M   K550            K414        | LMC        K560 -K567    K450
```

```
        --- K458  ---          |          --- K509  ---
            CONTINUED          |
LMC    M  R02           K451   | DSC         B24              B238
                              | DSC         E840             E848
        --- K460  ---          | DSC         E849             E841
                              | SMP         K500 -K508
SMP    M  K400                | DSC         R75              B238   *
SMP    M  K403                |
SMP    M  K410                |          --- K510  ---
SMP    M  K413                |
SMP    M  K420                | DSC         E840             E848
SMP    M  K430                | DSC         E849             E841
SMP    M  K440                |
SMP    M  K450                |          --- K511  ---
LMC    M  K550         K461   |
LMC    M  R02          K461   | DSC    M  B572             B573
                              | DSC    M  B779             B770
        --- K461  ---          | DSC       E840             E848
                              | DSC       E849             E841
SMP    M  K401                |
SMP    M  K404                |       --- K512 -K518  ---
SMP    M  K411                |
SMP    M  K414                | DSC       E840             E848
SMP    M  K421                | DSC       E849             E841
SMP    M  K431                |
SMP    M  K441                |          --- K519  ---
SMP    M  K451                |
                              | DSC       E840             E848
        --- K469  ---          | DSC       E849             E841
                              | SMP       K510 -K518
SMP       K400 -K461         |
LMC    M  K550         K461   |          --- K520  ---
LMC       K560 -K567  K460   |
SMP    M  Q792               | DS        C000 -D489
LMC    M  R02          K461   |
                              |          --- K521  ---
        --- K500  ---          |
                              | DSC    M  B572             B573
DSC       B24          B238   | DSC    M  B779             B770
DSC       E840         E848   | DSC       E840             E848
DSC       E849         E841   | DSC       E849             E841
LMC       K501         K508   |
DSC       R75          B238 * |          --- K522  ---
                              |
        --- K501  ---          | DSC    M  B059             B054
                              | DSC    M  B572             B573
DSC       B24          B238   | DSC    M  B779             B770
DSC       E840         E848   | DSC       E840             E848
DSC       E849         E841   | DSC       E849             E841
LMC       K500         K508   | DSC       K589             K580
DSC       R75          B238 * |
                              |          --- K528  ---
        --- K508  ---          |
                              | DSC    M  B059             B054
DSC       B24          B238   | DSC       B24              B208
DSC       E840         E848   | DSC    M  B572             B573
DSC       E849         E841   | DSC    M  B779             B770
DSC       R75          B238 * | DSC       E840             E848
```

```
            --- K528  ---           |        --- K550  ---
               CONTINUED            |           CONTINUED
DSC           E849          E841    | LMP    M  K567
DSC           K589          K580    | DS        K570 -K579
DSC           R75           B208  * | DS        Q410 -Q439
                                    | DS     M  Q458 -Q459
            --- K529  ---           |
                                    |        --- K5500 ---
SMP           A000 -A09             |
DSC           A029          A020    | DS     M  A010
SMP        M  A183                  | DS     M  A188
SMP        M  A222                  | DS     M  A520
DSC        M  B059          B054    | DS     M  D735
DSC           B24           B208    | DSC       E840          E848
SMP        M  B378                  | DSC       E849          E841
SMP           B462                  | DS        I010 -I099
SMP           B49  -B54             | DS     M  I269
DSC        M  B572          B573    | DS        I330 -I38
DSC        M  B779          B770    | DS     M  I423 -I424
SMP           B780                  | DS        I513
SMP        M  B829                  | DS        I630
DSC           E840          E848    | DS        I633
DSC           E849          E841    | DS        I636
DSC           J1010         J108    | DS        I676
SMP        M  J108                  | DS     M  I788
DSC           J1110         J118    | DS        I800 -I829
SMP        M  J118                  | DS     M  I831
SMP        M  K318                  | DS        K751
SMP           K500 -K528            | DS     M  M321
SMP           K580                  | DS     M  N719
DSC           K589          K580    |
SMP           K591                  |
SMP           K901                  |        --- K551 -K558  ---
DSC           R75           B208  * | DSC       E840          E848
                                    | DSC       E849          E841
            --- K550  ---           |
                                    |        --- K559  ---
DSC           E840          E848    |
DSC           E849          E841    | DSC       E840          E848
DSC        M  K400          K401    | DSC       E849          E841
DSC        M  K402          K401    | SMP       K550 -K558
DSC        M  K403          K404    |
DSC        M  K409          K404    |        --- K560  ---
DSC        M  K410          K411    |
DSC        M  K412          K411    | DSC    M  B059          B054
DSC        M  K413          K414    | DSC    M  B572          B573
DSC        M  K419          K414    | DSC    M  B779          B770
DSC        M  K420          K421    | DS     M  C150 -C269
DSC        M  K429          K421    | DS     M  C762
DSC        M  K430          K431    | DS     M  C784 -C788
DSC        M  K439          K431    | DS     M  C798
DSC        M  K440          K441    | DS     M  C810 -C969
DSC        M  K449          K441    | DS     M  D000 -D019
DSC        M  K450          K451    | DS     M  D120 -D139
DSC        M  K458          K451    | DS     M  D371 -D379
DSC        M  K460          K461    | DSC    M  E840          E848
DSC        M  K469          K461    | DSC    M  E849          E841
LMP        M  K560 -K565            | LMP       K400 -K401
```

```
                                TABLE E
      MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


            --- K560  ---              |     --- K561 -K562  ---
              CONTINUED                |        CONTINUED
LMC          K402          K400        | LMC         K458          K450
LMP          K403 -K404               | LMP         K460 -K461
LMC          K409          K403        | LMC         K469          K460
LMP          K410 -K411               | DS          K510 -K520
LMC          K412          K410        | DS          K570 -K579
LMP          K413 -K414               | DS          K593
LMC          K419          K413        | DSC         K660          K565
LMP          K420 -K421               | DS          K824
LMC          K429          K420        | DS          Q400 -Q459
LMP          K430 -K431               | DS     M    Y842
LMC          K439          K430        | DS     M    Y883
LMP          K440 -K441               |
LMC          K449          K440        |     --- K563  ---
LMP          K450 -K451               |
LMC          K458          K450        | DSC    M    B059          B054
LMP          K460 -K461               | DSC    M    B572          B573
LMC          K469          K460        | DSC    M    B779          B770
DS     M     K510 -K520               | DSC         E840          E848
DS     M     K570 -K579               | DSC         E849          E841
DS     M     K593                     | LMP         K400 -K401
DSC    M     K660          K565        | LMC         K402          K400
DS     M     K824                     | LMP         K403 -K404
DS     M     Q400 -Q459               | LMC         K409          K403
DS     M     Y842                     | LMP         K410 -K411
DS     M     Y883                     | LMC         K412          K410
                                      | LMP         K413 -K414
            --- K561 -K562  ---        | LMC         K419          K413
                                      | LMP         K420 -K421
DSC    M     B059          B054        | LMC         K429          K420
DSC    M     B572          B573        | LMP         K430 -K431
DSC    M     B779          B770        | LMC         K439          K430
DS           C150 -C269               | LMP         K440 -K441
DS           C762                     | LMC         K449          K440
DS           C784 -C788               | LMP         K450 -K451
DS     M     C798                     | LMC         K458          K450
DS     M     C810 -C969               | LMP         K460 -K461
DS           D000 -D019               | LMC         K469          K460
DS           D120 -D139               | DS          K520
DS           D371 -D379               | DSC         K660          K565
DSC          E840          E848        | DS          K824
DSC          E849          E841        |
LMP          K400 -K401               |     --- K564  ---
LMC          K402          K400        |
LMP          K403 -K404               | DSC    M    B059          B054
LMC          K409          K403        | DSC    M    B572          B573
LMP          K410 -K411               | DSC    M    B779          B770
LMC          K412          K410        | DS          C150 -C269
LMP          K413 -K414               | DS          C762
LMC          K419          K413        | DS          C784 -C788
LMP          K420 -K421               | DS     M    C798
LMC          K429          K420        | DS     M    C810 -C969
LMP          K430 -K431               | DS          D000 -D019
LMC          K439          K430        | DS          D120 -D139
LMP          K440 -K441               | DS          D371 -D379
LMC          K449          K440        | DSC         E840          E848
LMP          K450 -K451               | DSC         E849          E841
```

```
            --- K564  ---              |         --- K565  ---
               CONTINUED               |            CONTINUED
LMP            K400 -K401              | LMP        K450 -K451
LMC            K402          K400      | LMC        K458          K450
LMP            K403 -K404              | LMP        K460 -K461
LMC            K409          K403      | LMC        K469          K460
LMP            K410 -K411              | DS         K510 -K520
LMC            K412          K410      | DS         K570 -K579
LMP            K413 -K414              | DS         K593
LMC            K419          K413      | DS         K824
LMP            K420 -K421              | DS         Q400 -Q459
LMC            K429          K420      | DS     M   Y842
LMP            K430 -K431              | DS     M   Y883
LMC            K439          K430      |
LMP            K440 -K441              |         --- K566  ---
LMC            K449          K440      |
LMP            K450 -K451              | DSC    M   B059          B054
LMC            K458          K450      | DSC    M   B572          B573
LMP            K460 -K461              | DSC    M   B779          B770
LMC            K469          K460      | DS         C150 -C269
DS             K510 -K520              | DS         C762
DS             K570 -K579              | DS         C784 -C788
DS             K593                    | DS     M   C798
DSC            K660          K565      | DS     M   C810 -C969
DS             K824                    | DS         D000 -D019
DS             Q400 -Q459              | DS         D120 -D139
DS     M       Y842                    | DS         D371 -D379
DS     M       Y883                    | DSC        E840          E848
                                       | DSC        E849          E841
            --- K565  ---              | SMP    M   K315
                                       | LMP        K400 -K401
DSC    M       B059          B054      | LMC        K402          K400
DSC    M       B572          B573      | LMP        K403 -K404
DSC    M       B779          B770      | LMC        K409          K403
DS             C150 -C269              | LMP        K410 -K411
DS             C762                    | LMC        K412          K410
DS             C784 -C788              | LMP        K413 -K414
DS     M       C798                    | LMC        K419          K413
DS     M       C810 -C969              | LMP        K420 -K421
DS             D000 -D019              | LMC        K429          K420
DS             D120 -D139              | LMP        K430 -K431
DS             D371 -D379              | LMC        K439          K430
DSC            E840          E848      | LMP        K440 -K441
DSC            E849          E841      | LMC        K449          K440
LMP            K400 -K401              | LMP        K450 -K451
LMC            K402          K400      | LMC        K458          K450
LMP            K403 -K404              | LMP        K460 -K461
LMC            K409          K403      | LMC        K469          K460
LMP            K410 -K411              | DS         K510 -K520
LMC            K412          K410      | SMP    M   K560 -K565
LMP            K413 -K414              | DS         K570 -K579
LMC            K419          K413      | DS         K593
LMP            K420 -K421              | DSC        K660          K565
LMC            K429          K420      | DS         K824
LMP            K430 -K431              | DS         Q400 -Q459
LMC            K439          K430      | DS     M   Y842
LMP            K440 -K441              | DS     M   Y883
LMC            K449          K440      |
```

```
            --- K567  ---            |            --- K571  ---
                                     |                CONTINUED
DSC     M  B059          B054        | SMC       K578          K570
DSC     M  B572          B573        | LMC       K630          K570
DSC     M  B779          B770        | LMC    M  K631          K570
DS         C150 -C269                | LMC       K6310         K570
DS         C762                      | LMC       K650 -K659    K570
DS         C784 -C788                |
DS      M  C798                      |            --- K572  ---
DS      M  C810 -C969                |
DS         D000 -D019                | DSC       E840          E848
DS         D120 -D139                | DSC       E849          E841
DS         D371 -D379                | LMC       K570          K574
DSC        E840          E848        | SMP       K574
DSC        E849          E841        |
SMP     M  K315                      |            --- K573  ---
LMP        K400 -K401                |
LMC        K402          K400        | DSC       E840          E848
LMP        K403 -K404                | DSC       E849          E841
LMC        K409          K403        | SMP       K572
LMP        K410 -K411                | SMC       K578          K572
LMC        K412          K410        | LMC       K630          K572
LMP        K413 -K414                | LMC    M  K631          K572
LMC        K419          K413        | LMC       K6310         K572
LMP        K420 -K421                | LMC       K650 -K659    K572
LMC        K429          K420        |
LMP        K430 -K431                |            --- K574  ---
LMC        K439          K430        |
LMP        K440 -K441                | DSC       E840          E848
LMC        K449          K440        | DSC       E849          E841
LMP        K450 -K451                |
LMC        K458          K450        |            --- K575  ---
LMP        K460 -K461                |
LMC        K469          K460        | DSC       E840          E848
DS         K510 -K520                | DSC       E849          E841
SMP     M  K560                      | SMP       K574
SMP     M  K563                      | SMC       K578          K574
SMP     M  K566                      | LMC       K630 -K6310   K574
DS         K570 -K579                | LMC       K650 -K659    K574
DS         K593                      |
DSC        K660          K565        |            --- K578  ---
DS         K824                      |
DS         Q400 -Q459                | DSC       E840          E848
DS      M  Y842                      | DSC       E849          E841
DS      M  Y883                      | SMP       K570
                                     | SMC       K571          K570
            --- K570  ---            | SMP       K572
                                     | SMC       K573          K572
DSC        E840          E848        | SMP       K574
DSC        E849          E841        | SMC       K575          K574
LMC        K572          K574        |
SMP        K574                      |            --- K579  ---
                                     |
            --- K571  ---            | DSC       E840          E848
                                     | DSC       E849          E841
DSC        E840          E848        | SMP       K570 -K578
DSC        E849          E841        | LMC       K630 -K6310   K578
SMP        K570                      | LMC       K650 -K659    K578
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                                TABLE E
           MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


                --- K580  ---              |          --- K591  ---
                                           |               CONTINUED
DSC      M  B059           B054  | DS           D001 -D019
DSC      M  B24            B201  | DS           D120 -D139
DSC      M  B24            B203  | DS           D371 -D379
DSC      M  B24            B208  | DSC          E840            E848
DSC      M  B572           B573  | DSC          E849            E841
DSC      M  B779           B770  | DS           K510 -K519
DSC         E840           E848  | DS           K570 -K579
DSC         E849           E841  | DSC          K589            K580
DSC      M  R75            B201  *  | DS           Q400 -Q459
DSC      M  R75            B203  *  | DSC      M  R75             B238  *
DSC      M  R75            B208  *  |
                                           |          --- K592  ---
                --- K589  ---              |
                                           | DSC      M  B059           B054
DSC      M  B24            B238  | DSC      M  B24            B238
DSC      M  B572           B573  | DSC      M  B572           B573
DSC      M  B779           B770  | DSC      M  B779           B770
DSC         E840           E848  | DS           C150 -C269
DSC         E849           E841  | DS           C762
LMC         K522 -K529    K580  | DS           C784 -C788
SMP         K580                 | DS       M  C798
LMC         K591           K580  | DS       M  C810 -C969
DSC      M  R75            B238  *  | DS           D001 -D019
                                           | DS           D120 -D139
                --- K590  ---              | DS           D371 -D379
                                           | DSC          E840            E848
DSC      M  B059           B054  | DSC          E849            E841
DSC         B24            B238  | DS           K510 -K519
DSC      M  B572           B573  | DS           K570 -K579
DSC      M  B779           B770  | DS           Q400 -Q459
DS          C150 -C269          | DSC      M  R75             B238  *
DS          C762                 |
DS          C784 -C788          |          --- K593  ---
DS       M  C798                 |
DS       M  C810 -C969          | DSC      M  B059           B054
DS          D000 -D019          | DSC      M  B24            B238
DS          D120 -D139          | DSC      M  B572           B573
DS          D371 -D379          | SMP      M  B573
DSC         E840           E848  | DSC      M  B779           B770
DSC         E849           E841  | DS           C150 -C269
DS          K510 -K519          | DS           C762
DS          K570 -K579          | DS           C784 -C788
DS          Q400 -Q459          | DS       M  C798
DSC         R75            B238  *  | DS       M  C810 -C969
                                           | DS           D001 -D019
                --- K591  ---              | DS           D120 -D139
                                           | DS           D371 -D379
DSC      M  B059           B054  | DSC          E840            E848
DSC      M  B24            B238  | DSC          E849            E841
DSC      M  B572           B573  | SMP          K510 -K519
DSC      M  B779           B770  | DS           K570 -K579
DS          C150 -C269          | DS           Q400 -Q430
DS          C762                 | SMP          Q431 -Q432
DS          C784 -C788          | DS           Q433 -Q437
DS       M  C798                 | DS           Q439 -Q459
DS       M  C810 -C969          | DSC      M  R75             B238  *
                                E-235  (11-04)
```

```
       --- K594 -K598  ---          |      --- K600 -K602  ---
                                    |              CONTINUED
DSC     M  B059          B054       | LMP      K610
DSC     M  B24           B238       | DS       K620 -K629
DSC     M  B572          B573       |
DSC     M  B779          B770       |      --- K603  ---
DS         C150 -C269               |
DS         C762                     | DS     M  A183
DS         C784 -C788               | DSC    M  B779          B770
DS      M  C798                     | DS        C19  -C218
DS      M  C810 -C969               | DS     M  C445
DS         D001 -D019               | DS        C785
DS         D120 -D139               | DS     M  C792
DS         D371 -D379               | DS        D011 -D013
DSC        E840          E848       | DS        D127 -D129
DSC        E849          E841       | DS        D375
DS         K510 -K519               | DS     M  D377
DS         K570 -K579               | DS     M  D485
DS         Q400 -Q459               | DSC       E840          E848
DSC     M  R75           B238    *  | DSC       E849          E841
                                    | DS        K500 -K519
       --- K599  ---                | DS        K600 -K602
                                    | DS        K610 -K614
DSC     M  B059          B054       |
DSC     M  B24           B238       |      --- K604  ---
DSC     M  B572          B573       |
DSC     M  B779          B770       | DS     M  A183
DS         C150 -C269               | DSC    M  B779          B770
DS         C762                     | DS        C20  -C218
DS         C784 -C788               | DS     M  C445
DS      M  C798                     | DS     M  C792
DS      M  C810 -C969               | DS        D011 -D013
DS         D001 -D019               | DS        D127 -D129
DS         D120 -D139               | DS        D375
DS         D371 -D379               | DS     M  D377
DSC        E840          E848       | DS     M  D485
DSC        E849          E841       | DSC       E840          E848
DS         K510 -K519               | DSC       E849          E841
DS         K570 -K579               | DS        K500 -K519
SMP        K590 -K598               | DS        K600 -K602
DS         Q400 -Q459               | DS        K610
DSC     M  R75           B238    *  | LMP       K611
                                    | DS        K612 -K614
       --- K600 -K602  ---          |
                                    |      --- K605  ---
DS      M  A183                     |
DS         C19  -C218               | DS     M  A183
DS      M  C445                     | DSC    M  B779          B770
DS      M  C785                     | DS        C20  -C218
DS      M  C792                     | DS     M  C445
DS         D011 -D013               | DS     M  C792
DS         D127 -D129               | DS        D011 -D013
DS         D375                     | DS        D127 -D129
DS      M  D377                     | DS        D375
DS      M  D485                     | DS     M  D377
DSC        E840          E848       | DS     M  D485
DSC        E849          E841       | DSC       E840          E848
DS         K590                     | DSC       E849          E841
```

```
            --- K605  ---              |           --- K625   ---
              CONTINUED                |
DS            K500 -K519               | DS    M  A000 -A09
DS            K600 -K602               | DS    M  A183
DS            K610 -K611               | DS    M  A222
LMP           K612                     | DSC   M  B059              B054
DS            K613 -K614               | DSC   M  B24               B238
                                       | DS    M  B378
       --- K610 -K614  ---             | DS    M  B49
                                       | DSC   M  B572              B573
DSC     M  B24           B201          | DS    M  B650 -B659
DSC     M  B24           B203          | DSC   M  B779              B770
DSC     M  B24           B208          | DS    M  B780
DSC        E840          E848          | DS    M  B908
DSC        E849          E841          | DS    M  B948
DSC     M  R75           B201  *       | DS       C170 -C218
DSC     M  R75           B203  *       | DS    M  C445
DSC     M  R75           B208  *       | DS       C784 -C785
                                       | DS       D010 -D014
       --- K620 -K621  ---             | DS    M  D035
                                       | DS    M  D045
DSC        E840          E848          | DS       D120 -D129
DSC        E849          E841          | DS       D132 -D133
                                       | DS    M  D139
        --- K622  ---                  | DS    M  D225
                                       | DS    M  D235
DSC     M  B059          B054          | DS       D372 -D375
DSC     M  B24           B238          | DS    M  D377
DSC     M  B572          B573          | DS       D379
DSC     M  B779          B770          | DS    M  D485
DSC        E840          E848          | DSC      E840              E848
DSC        E849          E841          | DSC      E849              E841
DSC     M  R75           B238  *       | DS       I840 -I841
                                       | DSC   M  I842              I841
        --- K623  ---                  | DS       I843 -I844
                                       | DSC   M  I845              I844
DSC     M  B059          B054          | DS       I846
DSC     M  B24           B238          | DSC   M  I849              I848
DSC     M  B572          B573          | DS       K250 -K299
DSC     M  B779          B770          | DS       K310 -K624
DSC        E840          E848          | DS       K626 -K628
DSC        E849          E841          | DS       K630 -K638
DSC     M  I842          I841          | DS       Q410 -Q439
DSC     M  I845          I844          | DSC   M  R75               B238  *
DSC     M  I849          I848          |
DSC     M  R75           B238  *       |        --- K626  ---
                                       |
        --- K624  ---                  | DSC   M  B059              B054
                                       | DSC   M  B24               B238
DSC     M  B059          B054          | DSC   M  B572              B573
DSC     M  B24           B238          | DSC   M  B779              B770
DSC     M  B572          B573          | DSC      E840              E848
DSC     M  B779          B770          | DSC      E849              E841
DSC        E840          E848          | DSC   M  I842              I841
DSC        E849          E841          | DSC   M  I845              I844
DSC     M  R75           B238  *       | DSC   M  I849              I848
                                       | DSC   M  R75               B238  *
                                       |
```

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                          TABLE E
         MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


          --- K627 ---           |        --- K631  ---
                                 |         CONTINUED
DSC       E840         E848      | DS       C150 -C269
DSC       E849         E841      | DS       C762
                                 | DS       C784 -C788
          --- K628 ---           | DS     M C798
                                 | DS     M C810 -C902
SMP       A060                   | DS       D000 -D019
SMP    M  A183                   | DS       D120 -D139
SMP       A546                   | DS       D371 -D379
SMP       A563                   | DSC      E840         E848
SMP       A601                   | DSC      E849         E841
DSC    M  B059         B054      | DSC    M K269         K265
DSC    M  B24          B201      | DS       K500 -K567
DSC    M  B24          B203      | LMC    M K571         K570
DSC    M  B24          B208      | LMC    M K573         K572
DSC    M  B24          B238      | LMC      K575         K574
DSC    M  B572         B573      | DS       K580 -K599
DSC    M  B779         B770      | DS       K630
DSC       E840         E848      | DS       K632 -K638
DSC       E849         E841      | DSC      R75          B238   *
SMP       K512                   |
DSC    M  R75          B201  *   |        --- K6310 ---
DSC    M  R75          B203  *   |
DSC    M  R75          B208  *   | DSC      B059         B054
DSC    M  R75          B238  *   | DSC      B24          B238
                                 | DSC    M B572         B573
          --- K629 ---           | DSC      B779         B770
                                 | DS       C150 -C269
DSC    M  B059         B054      | DS       C762
DSC    M  B24          B238      | DS       C784 -C788
DSC    M  B572         B573      | DS     M C798
DSC    M  B779         B770      | DS     M C810 -C902
DSC       E840         E848      | DS       D000 -D019
DSC       E849         E841      | DS       D120 -D139
SMP    M  K620 -K623             | DS       D371 -D379
SMP       K624 -K628             | DSC      E840         E848
DSC    M  R75          B238  *   | DSC      E849         E841
                                 | DSC      K250         K252
          --- K630 ---           | DS       K251 -K252
                                 | DSC      K253         K251
DSC    M  B24          B201      | DSC      K254         K256
DSC    M  B24          B203      | DS       K255 -K256
DSC    M  B24          B208      | DSC      K257 -K259   K255
DSC    M  B572         B573      | DSC      K260         K262
DSC       E840         E848      | DS       K261 -K262
DSC       E849         E841      | DSC      K263         K261
LMC       K571         K570      | DSC      K264         K266
LMC       K573         K572      | DS       K265 -K266
LMC       K575         K574      | DSC      K267 -K269   K265
DSC    M  R75          B201  *   | DSC      K270         K272
DSC    M  R75          B203  *   | DS       K271 -K272
DSC    M  R75          B208  *   | DSC      K273         K271
                                 | DSC      K274         K276
          --- K631 ---           | DS       K275 -K276
                                 | DSC      K277 -K279   K275
DSC       B24          B238      | DSC      K280         K282
DSC    M  B572         B573      | DS       K281 -K282
```

```
                              TABLE E
         MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


          --- K6310 ---          |       --- K639  ---
             CONTINUED           |          CONTINUED
DSC       K283        K281       | SMP   M A183
DSC       K284        K286       | SMP   M A527
DS        K285 -K286             | DSC     B24              B238
DSC       K287 -K289  K285       | SMP   M B350 -B49
DS        K500 -K567             | SMP     B500 -B54
LMC       K571        K570       | DSC   M B572             B573
LMC       K573        K572       | SMP   M B573
LMC       K575        K574       | SMP   M B650 -B839
LMC       K579        K578       | SMP   M B878
DS        K580 -K599             | SMP   M B908
DS        K630                   | SMP     C170 -C218
DS        K632 -K638             | SMP     C784 -C785
DSC       R75         B238  *    | SMP   M C810 -C902
                                 | SMP     D010 -D014
           --- K632  ---         | SMP     D120 -D129
                                 | SMP     D132 -D133
DSC    M  B24         B201       | SMP     D372 -D375
DSC    M  B24         B203       | DSC     E840             E848
DSC    M  B24         B208       | DSC     E849             E841
DSC    M  B572        B573       | SMP     K260 -K289
DSC       E840        E848       | SMP     K298 -K299
DSC       E849        E841       | SMP     K315
DSC    M  R75         B201  *    | SMP   M K316 -K319
DSC    M  R75         B203  *    | SMP     K350 -K638
DSC    M  R75         B208  *    | SMP     Q410 -Q439
                                 | DSC     R75              B238   *
        --- K633 -K634  ---      |
                                 |        --- K650  ---
DSC       B24         B238       |
DSC    M  B572        B573       | SMP   M A183
DSC       E840        E848       | SMP   M A368
DSC       E849        E841       | SMP   M A500
DSC       R75         B238  *    | SMP   M A527
                                 | SMP   M A548
           --- K635  ---         | SMP   M A748
                                 | DSC   M B24              B201
DSC       E840        E848       | DSC   M B24              B203
DSC       E849        E841       | DSC   M B24              B208
                                 | DSC   M B779             B770
           --- K638  ---         | DS      C150 -C269
                                 | DS      C762
DSC    M  B24         B201       | DS      C784 -C788
DSC    M  B24         B203       | DS    M C798
DSC    M  B24         B208       | DS    M C810 -C902
DSC    M  B24         B238       | DS      D000 -D019
DSC    M  B572        B573       | DS      D120 -D139
DSC       E840        E848       | DS      D371 -D379
DSC       E849        E841       | DSC     E840             E848
DSC    M  R75         B201  *    | DSC     E849             E841
DSC    M  R75         B203  *    | SMP   M E850
DSC    M  R75         B208  *    | DS      K20  -K319
DSC    M  R75         B238  *    | SMP     K350 -K351
                                 | LMC   M K359             K350
           --- K639  ---         | LMC   M K359             K351
                                 | LMC   M K37              K350
SMP       A000 -A09              | LMC   M K37              K351
```

MODIFICATION: SELECTION RULE 3, MODIFICATION RULES A, C, AND D

```
         --- K650  ---            |         --- K658  ---
            CONTINUED             |            CONTINUED
DS          K400 -K567            | SMP     M  E850
SMP         K570                  | DS         K20  -K319
LMC         K571         K570     | SMP        K350 -K351
SMP         K572                  | LMC        K37              K359
LMC         K573         K572     | DS         K400 -K567
SMP         K574                  | SMP        K570
LMC         K575         K574     | LMC        K571             K570
SMP         K578                  | SMP        K572
LMC         K579         K578     | LMC        K573             K572
DS          K580 -K639            | SMP        K574
DS          K800 -K869            | LMC        K575             K574
DS          N700 -N732            | SMP        K578
SMP         N733 -N735            | LMC        K579             K578
DS          N736 -N768            | DS         K580 -K639
DS          Q400 -Q459            | DS         K800 -K869
DS          Q790 -Q795            | DS         N700 -N732
DSC     M   R75         B201  *   | SMP        N733 -N735
DSC     M   R75         B203  *   | DS         N736 -N768
DSC     M   R75         B208  *   | DS         Q400 -Q459
DS      M   S310                  | DS         Q790 -Q795
DS          S311                  | DSC     M  R75             B201  *
DS      M   S317                  | DSC     M  R75             B203  *
DS          S318 -S325            | DSC     M  R75             B208  *
DS      M   S327 -S328            | DS      M  S310
DS          S350 -S355            | DS         S311
DS      M   S357 -S359            | DS      M  S317
DS          S360 -S379            | DS         S318 -S325
DS      M   S381                  | DS      M  S327 -S328
DS      M   S383 -S399            | DS         S350 -S355
DS          T282 -T284            | DS      M  S357 -S359
DS          T287 -T289            | DS         S360 -S379
DS      M   T912                  | DS      M  S381
DS      M   T915 -T919            | DS      M  S383 -S399
                                  | DS         T282 -T284
         --- K658  ---            | DS         T287 -T289
                                  | DS      M  T912
SMP     M   A183                  | DS      M  T915 -T919
SMP     M   A368                  |
SMP     M   A500                  |         --- K659  ---
SMP     M   A527                  |
SMP     M   A548                  | SMP     M  A183
SMP     M   A748                  | SMP     M  A368
DSC     M   B24         B201      | SMP     M  A500
DSC     M   B24         B203      | SMP     M  A527
DSC     M   B24         B208      | SMP     M  A548
DSC     M   B779        B770      | SMP     M  A748
DS          C150 -C269            | DSC     M  B24             B201
DS          C762                  | DSC     M  B24             B203
DS          C784 -C788            | DSC     M  B24             B208
DS      M   C798                  | DSC     M  B779            B770
DS      M   C810 -C902            | DS         C150 -C269
DS          D000 -D019            | DS         C762
DS          D120 -D139            | DS         C784 -C788
DS          D371 -D379            | DS      M  C798
DSC         E840        E848      | DS      M  C810 -C902
DSC         E849        E841      | DS         D000 -D019
```

```
          --- K659  ---                  |          --- K661 -K668  ---
              CONTINUED                   |
DS          D120 -D139                    | DSC    M  B059          B054
DS          D371 -D379                    | DSC       B24           B238
DSC         E840          E848            | DSC    M  B572          B573
DSC         E849          E841            | DSC    M  B779          B770
SMP     M   E850                          | DSC       E840          E848
DS          K20  -K319                    | DSC       E849          E841
SMP         K350 -K351                    | DSC       R75           B238  *
LMC         K37           K359            |
DS          K400 -K567                    |          --- K669  ---
SMP         K570                          |
LMC         K571          K570            | DSC    M  B059          B054
SMP         K572                          | DSC       B24           B238
LMC         K573          K572            | DSC    M  B572          B573
SMP         K574                          | DSC    M  B779          B770
LMC         K575          K574            | DSC       E840          E848
SMP         K578                          | DSC       E849          E841
LMC         K579          K578            | SMP       K650 -K668
DS          K580 -K639                    | DSC       R75           B238  *
SMP         K650 -K658                    |
DS          K800 -K869                    |          --- K709  ---
DS          N700 -N732                    |
SMP         N733 -N735                    | SMP       K700 -K704
DS          N736 -N768                    | SMC       K7200         K704
DS          Q790 -Q795                    | SMC       K7210         K704
DSC     M   R75           B201  *         | SMC       K7290         K704
DSC     M   R75           B203  *         | SMC       K730 -K739    K701
DSC     M   R75           B208  *         | SMC       K740 -K742    K702
DS      M   S310                          | SMC    M  K746          K703
DS          S311                          | SMC    M  K759          K701
DS      M   S317                          | SMC       K760          K700
DS          S318 -S325                    |
DS      M   S327 -S328                    |          --- K710 -K718  ---
DS          S350 -S355                    |
DS      M   S357 -S359                    | DSC    M  B059          B054
DS          S360 -S379                    | DSC    M  B572          B573
DS      M   S381                          | DSC    M  B779          B770
DS      M   S383 -S399                    | DSC       E840          E848
DS          T282 -T284                    | DSC       E849          E841
DS          T287 -T289                    |
DS      M   T912                          |          --- K719  ---
DS      M   T915 -T919                    |
                                          | DSC    M  B059          B054
          --- K660  ---                   | DSC    M  B572          B573
                                          | DSC    M  B779          B770
DSC     M   B059          B054            | DSC       E840          E848
DSC         B24           B238            | DSC       E849          E841
DSC     M   B572          B573            | SMP       K710 -K718
DSC     M   B779          B770            | LMC    M  K720          K711
DSC         E840          E848            | LMC    M  K720          K712
DSC         E849          E841            | LMC       K721 -K729    K711
LMC         K560 -K564    K565            | LMC       K730          K713
LMC         K566 -K567    K565            | LMC       K731          K714
DSC         R75           B238  *         | LMC       K732          K715
                                          | LMC       K738 -K739    K716
                                          | LMC       K740 -K746    K717
                                          | LMC       K750 -K758    K718
                                          |
```

```
        --- K719  ---                |        --- K7200 ---
          CONTINUED                  |          CONTINUED
LMC   M  K759          K716          | DS       B500 -B54
LMC   M  K759          K718          | DSC   M  B572          B573
LMC      K760 -K769    K718          | DS       B580 -B589
LMC      K831          K710          | DSC   M  B779          B770
                                     | DS    M  B948
        --- K720  ---                | DS       C150 -C269
                                     | DS       C784 -C788
DSC   M  B059          B054          | DS       D015
DS       B150                        | DS       D134
DSC   M  B159          B150          | DS       D376
DS       B160                        | DSC      E840          E848
DSC   M  B161          B160          | DSC      E849          E841
DS       B162                        | DS       K700 -K719
DSC   M  B169          B162          | DS       K730 -K758
DS       B170 -B190                  | DS       K760 -K768
DSC   M  B199          B190          | DS       K800 -K839
DSC   M  B24           B201          | DS       Q440 -Q447
DSC   M  B24           B238          | DSC   M  R75           B201  *
DSC   M  B572          B573          | DSC   M  R75           B238  *
DSC   M  B779          B770          | DS       S301
DS       B942                        | DS    M  S307 -S309
DS       C220 -C229                  | DS       S311
DS    M  C457                        | DS    M  S317 -S318
DS       C787                        | DS    M  S346 -S348
DS       D015                        | DS    M  S351 -S353
DS       D134                        | DS    M  S357 -S359
DS    M  D376                        | DS       S360 -S369
DSC      E840          E848          | DS    M  S381
DSC      E849          E841          | DS    M  S383 -S399
DS       K700 -K703                  | DS       T090 -T091
SMP   M  K704                        | DS       T095
DS       K709                        | DS       T098 -T099
LMC   M  K719          K711          | DS       T210 -T217
DSC   M  K719          K712          | DS       T282
DS       K730 -K746                  | DS       T284
DS       K760 -K768                  | DS       T287
DS       Q446 -Q447                  | DS       T289
DSC   M  R75           B201  * |
DSC   M  R75           B238  * |
                                     |        --- K721  ---
        --- K7200 ---                |
                                     | DSC   M  B059          B054
DS       A064                        | DS       B150
DS    M  A500                        | DSC   M  B159          B150
DS    M  A505                        | DS       B160
DS    M  A514                        | DSC   M  B161          B160
DS    M  A527                        | DS       B162
DS       A950 -A959                  | DSC   M  B169          B162
DS    M  B008                        | DS       B170 -B190
DSC   M  B059          B054          | DSC   M  B199          B190
DS       B150 -B199                  | DSC   M  B24           B201
DSC   M  B24           B201          | DSC   M  B24           B238
DSC   M  B24           B238          | DSC   M  B572          B573
DS       B250 -B259                  | DSC   M  B779          B770
DS    M  B268                        | DS       B942
DS       B270 -B279                  | DS       C220 -C229
                                     | DS    M  C457
```

```
        --- K721  ---            |          --- K7210 ---
            CONTINUED            |              CONTINUED
DS          C787                 | DS      M   S351 -S353
DS          D015                 | DS      M   S357 -S359
DS          D134                 | DS          S360 -S369
DS      M   D376                 | DS      M   S381
DSC         E840          E848   | DS      M   S383 -S399
DSC         E849          E841   | DS          T090 -T091
DS          K700 -K703           | DS          T095
SMP     M   K704                 | DS          T098 -T099
DS          K709                 | DS          T210 -T217
LMC         K719          K711   | DS          T282
DS          K730 -K746           | DS          T284
DS          K760 -K768           | DS          T287
DS          Q446 -Q447           | DS          T289
DSC     M   R75           B201  * |
DSC     M   R75           B238  * |          --- K729  ---
                                 |
        --- K7210 ---            | DSC     M   B059          B054
                                 | DS          B150
DS          A064                 | DSC     M   B159          B150
DS      M   A500                 | DS          B160
DS      M   A505                 | DSC     M   B161          B160
DS      M   A514                 | DS          B162
DS      M   A527                 | DSC     M   B169          B162
DS          A950 -A959           | DS          B170 -B190
DS      M   B008                 | DSC     M   B199          B190
DSC     M   B059          B054   | DSC     M   B24           B201
DS          B150 -B199           | DSC     M   B24           B238
DSC     M   B24           B201   | DSC     M   B572          B573
DSC     M   B24           B238   | DSC     M   B779          B770
DS          B250 -B259           | DS          B942
DS      M   B268                 | DS          C220 -C229
DS          B270 -B279           | DS      M   C457
DS          B500 -B54            | DS          C787
DSC     M   B572          B573   | DS          D015
DS          B580 -B589           | DS          D134
DSC     M   B779          B770   | DS      M   D376
DS      M   B948                 | DSC         E840          E848
DS          C150 -C269           | DSC         E849          E841
DS          C784 -C788           | DS          K700 -K703
DS          D015                 | SMP     M   K704
DS          D134                 | DS          K709
DS          D376                 | LMC         K719          K711
DSC         E840          E848   | SMP         K720 -K721
DSC         E849          E841   | DS          K730 -K746
DS          K700 -K719           | DS          K760 -K768
DS          K730 -K758           | DS          Q446 -Q447
DS          K760 -K768           | DSC     M   R75           B201  *
DS          K800 -K839           | DSC     M   R75           B238  *
DS          Q440 -Q447           |
DSC     M   R75           B201  * |          --- K7290 ---
DSC     M   R75           B238  * |
DS          S301                 | DS          A064
DS      M   S307 -S309           | DS      M   A500
DS          S311                 | DS      M   A505
DS      M   S317 -S318           | DS      M   A514
DS      M   S346 -S348           | DS      M   A527
```

--- K7290 --- | --- K730 -K738 ---

		K7290 CONTINUED				K730 -K738 CONTINUED	
DS		A950 -A959		SMP		K701	
DS	M	B008		DS		K740 -K746	
DSC	M	B059	B054	DS		K760	
DS		B150 -B199		DS	M	K761	
DSC	M	B24	B238	DS		Q440 -Q447	
DS		B250 -B259					
DS	M	B268				--- K739 ---	
DS		B270 -B279					
DS		B500 -B54		DSC	M	B059	B054
DSC	M	B572	B573	DSC	M	B572	B573
DS		B580 -B589		DSC	M	B779	B770
DSC	M	B779	B770	DS		C220 -C249	
DS	M	B948		DS		C787	
DS		C150 -C269		DS	M	C788	
DS		C784 -C788		DS		D134 -D135	
DS		D015		DS		D376	
DS		D134		DSC		E840	E848
DS		D376		DSC		E849	E841
DSC		E840	E848	SMP		K701	
DSC		E849	E841	SMP		K730 -K738	
DS		K700 -K719		DS		K740 -K746	
DS		K730 -K768		DS		K760	
DS		K800 -K839		DS	M	K761	
DS		Q440 -Q447		DS		Q440 -Q447	
DSC	M	R75	B238 *				
DS		S301				--- K740 ---	
DS	M	S307 -S309					
DS		S311		DSC	M	B059	B054
DS	M	S317 -S318		DSC	M	B572	B573
DS	M	S346 -S348		DSC	M	B779	B770
DS	M	S351 -S353		DSC		E840	E848
DS	M	S357 -S359		DSC		E849	E841
DS		S360 -S369		LMC		K741	K742
DS	M	S381					
DS	M	S383 -S399				--- K741 ---	
DS		T090 -T091					
DS		T095		DSC	M	B059	B054
DS		T098 -T099		DSC	M	B572	B573
DS		T210 -T217		DSC	M	B779	B770
DS		T282		DSC		E840	E848
DS		T284		DSC		E849	E841
DS		T287		LMC		K740	K742
DS		T289					
						--- K742 ---	
		--- K730 -K738 ---					
				DSC	M	B059	B054
DSC	M	B059	B054	DSC	M	B572	B573
DSC	M	B572	B573	DSC	M	B779	B770
DSC	M	B779	B770	DSC		E840	E848
DS		C220 -C249		DSC		E849	E841
DS		C787		DSC		K719	K717
DS	M	C788					
DS		D134 -D135				--- K743 ---	
DS		D376					
DSC		E840	E848	DSC		E840	E848
DSC		E849	E841	DSC		E849	E841

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                            TABLE E
      MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


         --- K744 -K745  ---          |          --- K751   ---
                                      |              CONTINUED
DSC     M  B059          B054         | DSC     M  B572          B573
DSC     M  B572          B573         | DSC     M  B779          B770
DSC     M  B779          B770         | DS      M  B942
DS      M  B942                       | DS         C220 -C229
DSC        E840          E848         | DS      M  C457
DSC        E849          E841         | DS         C787
DS         Q440 -Q447                 | DS         D015
                                      | DS         D134
           --- K746  ---              | DS      M  D376
                                      | DSC        E840          E848
SMP     M  A527                       | DSC        E849          E841
DSC     M  B059          B054         | DS         K700 -K709
DSC     M  B572          B573         | DS         K730 -K746
DSC     M  B779          B770         | DS         K760
DS      M  B942                       | DS      M  K761
DSC        E840          E848         | DS         K763
DSC        E849          E841         | DS         K768
DSC     M  F100 -F109    K703         | DS         Q446 -Q447
SMC     M  G312          K703         | DSC     M  R75           B201   *
LMC     M  G405          K703         | DSC     M  R75           B203   *
SMC     M  G621          K703         | DSC     M  R75           B208   *
SMC     M  G721          K703         |
SMC     M  I426          K703         |       --- K752 -K753   ---
SMC     M  K292          K703         |
SMP     M  K703                       | DSC     M  B059          B054
SMP     M  K717                       | DSC     M  B24           B201
SMP     M  K743 -K745                 | DSC     M  B24           B203
SMP     M  K761                       | DSC     M  B24           B208
SMC     M  K860          K703         | DSC     M  B572          B573
DS         Q440 -Q447                 | DSC     M  B779          B770
SMC     M  R780          K703         | DSC        E840          E848
                                      | DSC        E849          E841
           --- K750  ---              | DSC     M  R75           B201   *
                                      | DSC     M  R75           B203   *
DSC     M  A061          A064         | DSC     M  R75           B208   *
SMP        A064                       |
DSC     M  A069          A064         |       --- K754   ---
DSC     M  B059          B054         |
DSC     M  B24           B201         | DSC        E840          E848
DSC     M  B24           B203         | DSC        E849          E841
DSC     M  B24           B208         |
DSC     M  B572          B573         |       --- K758   ---
DSC     M  B779          B770         |
DSC        E840          E848         | DSC     M  B059          B054
DSC        E849          E841         | DSC     M  B24           B201
DSC     M  R75           B201   *     | DSC     M  B24           B203
DSC     M  R75           B203   *     | DSC     M  B24           B208
DSC     M  R75           B208   *     | DSC     M  B572          B573
                                      | DSC     M  B779          B770
           --- K751  ---              | DSC        E840          E848
                                      | DSC        E849          E841
DSC     M  B059          B054         | DSC     M  R75           B201   *
DS      M  B150 -B199                 | DSC     M  R75           B203   *
DSC     M  B24           B201         | DSC     M  R75           B208   *
DSC     M  B24           B203         |
DSC     M  B24           B208         |
                        E-245  (11-04)
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                                TABLE E
         MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


            --- K759  ---           |        --- K761 -K763  ---
                                    |             CONTINUED
SMP          A064                   | DSC          E840         E848
SMP     M    A188                   | DSC          E849         E841
SMP     M    A500                   | DSC     M    R75          B238   *
SMP     M    A505                   |
SMP     M    A514                   |        --- K764  ---
SMP     M    A527                   |
SMP     M    B008                   | DSC     M    B059         B054
DSC     M    B059         B054      | DSC     M    B24          B238
SMP          B150 -B199             | DSC     M    B572         B573
DSC     M    B24          B201      | DSC     M    B779         B770
DSC     M    B24          B203      | DSC          E840         E848
DSC     M    B24          B208      | DSC          E849         E841
SMP          B251                   | LMC          K719         K718
SMP     M    B268                   | DSC     M    R75          B238   *
SMP     M    B338                   |
DSC     M    B572         B573      |        --- K765  ---
SMP          B581                   |
DSC     M    B589         B581      | DSC     M    B059         B054
DSC     M    B779         B770      | DSC     M    B24          B238
DSC          E840         E848      | DSC     M    B572         B573
DSC          E849         E841      | DSC     M    B779         B770
DS           K700                   | DSC          E840         E848
SMP          K701                   | DSC          E849         E841
DS           K702 -K709             | DSC     M    R75          B238   *
SMP          K716                   |
SMP     M    K720 -K729             |        --- K766  ---
SMP          K730 -K739             |
DS           K740 -K745             | DSC     M    B059         B054
SMP     M    K746                   | DS      M    B150 -B199
SMP          K750 -K758             | DSC     M    B24          B238
DS           K760                   | DSC     M    B572         B573
DS      M    K761                   | DSC     M    B779         B770
DS           K763                   | DS      M    B942
DS           K768                   | DS           C220 -C229
DS           Q446 -Q447             | DS      M    C457
DSC     M    R75          B201   *  | DS           C787
DSC     M    R75          B203   *  | DS           D015
DSC     M    R75          B208   *  | DS           D134
                                    | DS      M    D376
            --- K760  ---           | DSC          E840         E848
                                    | DSC          E849         E841
DSC     M    B059         B054      | DS           K700 -K709
DSC     M    B24          B238      | DS           K730 -K746
DSC     M    B572         B573      | DS           K760
DSC     M    B779         B770      | DS      M    K761
DSC          E840         E848      | DS           K763
DSC          E849         E841      | DS           K768
SMP          K700                   | DS           Q446 -Q447
DSC     M    R75          B238   *  | DSC     M    R75          B238   *
                                    |
         --- K761 -K763  ---        |        --- K767  ---
                                    |
DSC     M    B059         B054      | DSC     M    B059         B054
DSC     M    B24          B238      | DS           B150 -B199
DSC     M    B572         B573      | DSC          B24          B238
DSC     M    B779         B770      | DSC     M    B572         B573
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              --- K767  ---           |        --- K769  ---
                 CONTINUED            |
DSC    M  B779             B770       | SMP        A064
DS        B942                        | SMP    M   A188
DS        C220 -C229                  | SMP    M   A500
DS     M  C457                        | SMP    M   A505
DS        C787                        | SMP    M   A514
DS        D015                        | SMP    M   A527
DS        D134                        | SMP    M   B008
DS     M  D376                        | DSC    M   B059             B054
DSC       E840             E848       | SMP        B150 -B199
DSC       E849             E841       | DSC    M   B24              B238
DS        K700 -K709                  | SMP        B251
DSC       K719             K718       | SMP    M   B268
DS        K730 -K746                  | SMP    M   B338
DS        K760 -K766                  | DSC    M   B572             B573
DS        K768                        | SMP    M   B573
DS        Q446 -Q447                  | SMP        B581
DSC       R75              B238  *    | SMP    M   B650 -B659
                                      | SMP        B661
              --- K768  ---           | SMP        B663
                                      | SMP        B670
DS     M  A064                        | SMP        B675
DS     M  A188                        | SMP        B678
DS     M  A527                        | DSC    M   B779             B770
DS     M  A950 -A959                  | SMP    M   B838
DS     M  B008                        | SMP    M   E740
DSC    M  B059             B054       | DSC        E840             E848
DS     M  B150 -B199                  | DSC        E849             E841
DSC       B24              B238       | SMP        K700 -K768
DS     M  B251                        | DS         Q440 -Q445
DS     M  B268                        | SMP        Q446
DS     M  B270 -B279                  | DS         Q447
DS     M  B338                        | DSC    M   R75              B238   *
DS     M  B500 -B529                  |
DSC    M  B572             B573       |        --- K800 -K801  ---
DS     M  B581                        |
DSC    M  B779             B770       | DSC        E840             E848
DS     M  B908                        | DSC        E849             E841
DS     M  B942 -B948                  | LDC        K560             K563
DS     M  C150 -C269                  | LDP        K563
DS     M  C762                        | LDC        K566 -K567       K563
DS     M  C784 -C788                  |
DS     M  C798                        |        --- K802  ---
DS     M  C810 -C969                  |
DS     M  D000 -D019                  | DSC        E840             E848
DS     M  D120 -D139                  | DSC        E849             E841
DS     M  D371 -D379                  | LDC        K560             K563
DSC       E840             E848       | LDP        K563
DSC       E849             E841       | LDC        K566 -K567       K563
DSC    M  E859             E854       | SMP        K800 -K801
DS     M  K700 -K718                  | LMC        K810             K800
DSC       K719             K718       | LMC        K811 -K819       K801
DS     M  K720 -K767                  |
DS     M  K800 -K839                  |        --- K803  ---
DS        Q440 -Q447                  |
DSC       R75              B238  *    | DSC        E840             E848
                                      | DSC        E849             E841
```

```
            --- K803  ---                |      --- K811 -K818  ---
             CONTINUED                   |          CONTINUED
LDC          K560            K563   | SMP          K801
LDP          K563                   | LMC          K802            K801
LDC          K566 -K567     K563   | LMC          K803            K804
LMP          K804                   | SMP          K804
LMC          K810 -K819     K804   | LMC          K805            K804
                                    | DSC          K808            K801
            --- K804  ---           | DSC     M    R75             B201  *
                                    | DSC     M    R75             B203  *
DSC          E840            E848   | DSC     M    R75             B208  *
DSC          E849            E841   |
LDC          K560            K563   |          --- K819  ---
LDP          K563                   |
LDC          K566 -K567     K563   | DSC     M    B24             B201
                                    | DSC     M    B24             B203
            --- K805  ---           | DSC     M    B24             B208
                                    | DSC          E840            E848
DSC          E840            E848   | DSC          E849            E841
DSC          E849            E841   | SMP          K801
LDC          K560            K563   | LMC          K802            K801
LDP          K563                   | LMC          K803            K804
LDC          K566 -K567     K563   | SMP          K804
SMP          K803 -K804            | LMC          K805            K804
LMC          K810 -K819     K804   | DSC          K808            K801
LMC          K830            K803   | SMP          K810 -K818
                                    | DSC     M    R75             B201  *
            --- K808  ---           | DSC     M    R75             B203  *
                                    | DSC     M    R75             B208  *
DSC          E840            E848   |
DSC          E849            E841   |          --- K820  ---
LMC          K810            K800   |
LMC          K811 -K819     K801   | DSC          B24             B238
                                    | DSC     M    B572            B573
            --- K810  ---           | DSC     M    B779            B770
                                    | DSC          E840            E848
DSC     M    B24             B201   | DSC          E849            E841
DSC     M    B24             B203   | LMP          K802
DSC     M    B24             B208   | DSC          R75             B238  *
DSC          E840            E848   |
DSC          E849            E841   |      --- K821 -K822  ---
SMP          K800                   |
LMC          K802            K800   | DSC          B24             B238
LMC          K803            K804   | DSC     M    B572            B573
SMP          K804                   | DSC     M    B779            B770
LMC          K805            K804   | DSC          E840            E848
LMC          K808            K800  * | DSC          E849            E841
DSC     M    R75             B201  * | DSC          R75             B238  *
DSC     M    R75             B203  * |
DSC     M    R75             B208  * |          --- K823  ---
                                    |
      --- K811 -K818  ---          | DSC     M    B572            B573
                                    | DSC     M    B779            B770
DSC     M    B24             B201   | DSC          E840            E848
DSC     M    B24             B203   | DSC          E849            E841
DSC     M    B24             B208   |
DSC          E840            E848   |
DSC          E849            E841   |
```

```
                           TABLE E
       MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


        --- K824 -K828  ---          |       --- K832   ---
                                     |
DSC         B24           B238       | DSC         B24           B238
DSC     M   B572          B573       | DSC     M   B572          B573
DSC     M   B779          B770       | DSC     M   B779          B770
DSC         E840          E848       | DS          C220 -C249
DSC         E849          E841       | DS          C787
DSC         R75           B238  *    | DS      M   C788
                                     | DS          D015
            --- K829   ---           | DS          D134 -D135
                                     | DS          D376
DSC         B24           B238       | DSC         E840          E848
DSC     M   B572          B573       | DSC         E849          E841
DSC     M   B779          B770       | DSC         R75           B238  *
DSC         E840          E848       |
DSC         E849          E841       |       --- K833   ---
SMP         K820 -K828               |
DSC         R75           B238  *    | DSC     M   B572          B573
                                     | DSC     M   B779          B770
           --- K830   ---            | DS          C220 -C249
                                     | DS          C787
DSC     M   B24           B201       | DS      M   C788
DSC     M   B24           B203       | DS          D015
DSC     M   B24           B208       | DS          D134 -D135
DSC     M   B572          B573       | DS          D376
DSC     M   B779          B770       | DSC         E840          E848
DS          C220 -C249               | DSC         E849          E841
DS          C787                     |
DS      M   C788                     |       --- K834 -K838   ---
DS          D015                     |
DS          D134 -D135               | DSC         B24           B238
DS          D376                     | DSC     M   B572          B573
DSC         E840          E848       | DSC     M   B779          B770
DSC         E849          E841       | DS          C220 -C249
LMP         K803 -K804               | DS          C787
LMC         K805          K803       | DS      M   C788
DSC     M   R75           B201  *    | DS          D015
DSC     M   R75           B203  *    | DS          D134 -D135
DSC     M   R75           B208  *    | DS          D376
                                     | DSC         E840          E848
           --- K831   ---            | DSC         E849          E841
                                     | DSC         R75           B238  *
DSC         B24           B238       |
DSC     M   B572          B573       |       --- K839   ---
DSC     M   B779          B770       |
DS          C220 -C249               | DSC         B24           B238
DS          C787                     | DSC     M   B572          B573
DS      M   C788                     | DSC     M   B779          B770
DS          D015                     | SMP         C220 -C249
DS          D134 -D135               | SMP         C787
DS          D376                     | SMP     M   C788
DSC         E840          E848       | SMP         D015
DSC         E849          E841       | SMP         D134 -D135
DSC         K719          K710       | SMP         D376
LMP         K805                     | DSC         E840          E848
DSC         R75           B238  *    | DSC         E849          E841
                                     | SMP         K800 -K804
                                     | LMP         K805
                                     |
                       E-249  (11-04)
```

```
          --- K839  ---                   |         --- K863   ---
            CONTINUED                      |
SMP         K808 -K838                     | DSC    M  B059          B054
SMP         Q440 -Q447                     | DSC    M  B24           B238
DSC         R75          B238  *           | DSC    M  B572          B573
                                           | DSC    M  B779          B770
          --- K85   ---                    | DS     M  D017
                                           | DS        D136
SMP    M    A527                           | DS     M  D377
DSC    M    B059         B054              | DSC       E840          E848
DSC    M    B24          B201              | DS        E841 -E848
DSC    M    B24          B203              | DSC       E849          E841
DSC    M    B24          B208              | DS        F100 -F109
SMP    M    B252                           | DS        K800 -K808
SMP    M    B263                           | DS        Q450 -Q453
DSC    M    B269         B263              | DSC    M  R75           B238  *
DSC    M    B572         B573              |
DSC    M    B779         B770              |         --- K868   ---
DSC         E840         E848              |
DSC         E849         E841              | DSC    M  B059          B054
DSC    M    F100 -F109   K860              | DSC    M  B24           B238
DS     M    I748                           | DS     M  B269
DSC    M    R75          B201  *           | DSC    M  B572          B573
DSC    M    R75          B203  *           | DSC    M  B779          B770
DSC    M    R75          B208  *           | DS        C250 -C259
                                           | DS     M  C788
          --- K861  ---                    | DS     M  D017
                                           | DS        D136
DSC    M    B059         B054              | DS     M  D377
DSC    M    B24          B201              | DSC       E840          E848
DSC    M    B24          B203              | DS        E841 -E848
DSC    M    B24          B208              | DSC       E849          E841
DSC    M    B572         B573              | DS        F100 -F109
DSC    M    B779         B770              | DS        K800 -K808
DS          C250 -C259                     | DS        K85
DSC         E840         E848              | DS        K861 -K863
DSC         E849         E841              | DS        Q450 -Q453
DS          F100                           | DSC    M  R75           B238  *
DSC         F101         K860              |
DS          F102 -F109                     |         --- K869   ---
SMP         K860                           |
DSC    M    R75          B201  *           | DSC    M  B059          B054
DSC    M    R75          B203  *           | DSC    M  B24           B238
DSC    M    R75          B208  *           | SMP       B252
                                           | SMP       B263
          --- K862  ---                    | DSC    M  B572          B573
                                           | DSC    M  B779          B770
DSC    M    B059         B054              | SMP       C250 -C259
DSC    M    B24          B238              | SMP    M  C788
DSC    M    B572         B573              | SMP    M  D017
DSC    M    B779         B770              | SMP       D136
DS     M    C788                           | SMP    M  D377
DSC         E840         E848              | DSC       E840          E848
DSC         E849         E841              | SMP       E849
DSC    M    R75          B238  *           | DSC       E849          E841
                                           | SMP       K85  -K868
                                           | SMP       Q453
                                           | DSC    M  R75           B238  *
```

```
                                    TABLE E
            MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


           --- K900 -K902  ---              |           --- K915   ---
                                            |
    DSC          E840          E848         | DS            Y836
    DSC          E849          E841         | DS        M  Y883
                                            |
             --- K903 -K904  ---            |           --- K918   ---
                                            |
    DSC     M  B572          B573           | DS            Y600 -Y849
    DSC          E840          E848         | DS            Y881
    DSC          E849          E841         | DS            Y883
                                            |
               --- K908   ---               |           --- K919   ---
                                            |
    DSC     M  B24           B238           | SMP           K910 -K918
    DSC     M  B572          B573           | DS            Y600 -Y849
    DSC          E840          E848         | DS            Y881
    DSC          E849          E841         | DS            Y883
    DSC     M  R75           B238     *  |
                                            |        --- K920 -K921   ---
               --- K909   ---               |
                                            | DS            A000 -A09
    DSC     M  B24           B238           | DS            A183
    DSC     M  B572          B573           | DS        M  A188
    DSC          E840          E848         | DS        M  A527
    DSC          E849          E841         | DS        M  A548
    SMP          K900 -K908                 | DS        M  A748
    DSC     M  R75           B238     *  | DS            B150 -B199
                                            | DSC           B24           B238
               --- K910   ---               | DS        M  B350 -B54
                                            | DSC    M  B572          B573
    DS      M  Y830 -Y834                   | DS            B573
    DS      M  Y836 -Y839                   | DS        M  B650 -B659
    DS      M  Y883                         | DS        M  B878
                                            | DS        M  B908
               --- K911   ---               | DS            C150 -C269
                                            | DS            C762
    DS      M  Y831 -Y834                   | DS            C784 -C788
    DS      M  Y836 -Y839                   | DS        M  C798
    DS      M  Y883                         | DS        M  C810 -C969
                                            | DS            D000 -D019
               --- K912   ---               | DS            D120 -D139
                                            | DS            D371 -D379
    DS      M  Y830 -Y834                   | DS            D65  -D699
    DS      M  Y836 -Y839                   | DSC           E840          E848
    DS      M  Y883                         | DS            E841
                                            | DSC           E849          E841
               --- K913   ---               | DS            I850
                                            | DSC           I859          I850
    DS          Y830 -Y839                  | DSC           J1010         J108
    DS      M  Y883                         | DSC           J1110         J118
                                            | DS            K20  -K229
               --- K914   ---               | LMP           K250
                                            | LMC           K251          K252
    DS      M  Y833                         | LMP           K252
    DS      M  Y883                         | LMC           K253          K250
                                            | LMP           K254
                                            | LMC           K255          K256
                                            | LMP           K256
                                            |
                                E-251  (11-04)
```

```
      --- K920 -K921  ---           |        --- K922  ---
              CONTINUED             |            CONTINUED
LMC       K257 -K259   K254         | DS       D65  -D699
LMP       K260                      | DSC      E840          E848
LMC       K261          K262        | DS       E841
LMP       K262                      | DSC      E849          E841
LMC       K263          K260        | DS       I850
LMP       K264                      | DSC      I859          I850
LMC       K265          K266        | DSC      J1010         J108
LMP       K266                      | DSC      J1110         J118
LMC       K267 -K269    K264        | DS       K20  -K229
LMP       K270                      | DSC      K251          K252
LMC       K271          K272        | DSC      K253          K250
LMP       K272                      | DSC      K255          K256
LMC       K273          K270        | DSC      K257 -K259    K254
LMP       K274                      | DSC      K261          K262
LMC       K275          K276        | DSC      K263          K260
LMP       K276                      | DSC      K265          K266
LMC       K277 -K279    K274        | DSC      K267 -K269    K264
LMP       K280                      | DSC      K271          K272
LMC       K281          K282        | DSC      K273          K270
LMP       K282                      | DSC      K275          K276
LMC       K283          K280        | DSC      K277 -K279    K274
LMP       K284                      | DSC      K281          K282
LMC       K285          K286        | DSC      K283          K280
LMP       K286                      | DSC      K285          K286
LMC       K287 -K289    K284        | DSC      K287 -K289    K284
DS        K290                      | DS       K290
DSC       K291          K290        | DSC      K291          K290
DS        K292 -K869                | DS       K292 -K624
DS        Q390 -Q459                | SMP      K625
DS        Q790 -Q795                | DS       K626 -K660
DSC       R75           B238  *     | SMP      K661
                                    | DS       K668 -K767
       --- K922  ---                | SMP   M  K768
                                    | DS       K769 -K863
DS        A000 -A09                 | SMP   M  K868
DS        A183                      | DS       K869
DS     M  A188                      | SMP      K920 -K921
DS     M  A527                      | DS       Q390 -Q459
DS     M  A548                      | DS       Q790 -Q795
DS     M  A748                      | DSC      R75           B238  *
DS        B150 -B199                |
DSC       B24          B238         |        --- K928  ---
DS     M  B350 -B54                 |
DSC    M  B572         B573         | DSC      B24           B238
DS        B573                      | DSC   M  B572          B573
DS     M  B650 -B659                | DSC      E840          E848
DS     M  B878                      | DSC      E849          E841
DS     M  B908                      | DSC      R75           B238  *
DS        C150 -C269                |
DS        C762                      |        --- K929  ---
DS        C784 -C788                |
DS     M  C798                      | DSC      B24           B238
DS     M  C810 -C969                | DSC   M  B572          B573
DS        D000 -D019                | DSC      E840          E848
DS        D120 -D139                | DSC      E849          E841
DS        D371 -D379                | DSC      E859          E854
```

```
        --- K929  ---        |        --- L049  ---
          CONTINUED          |
SMP       K000 -K928         | SMP      L040 -L048
DSC       R75         B238 * |
                             |        --- L059  ---
        --- L00    ---       |
                             | SMP      L050
DSC    M  B24         B201   |
DSC    M  B24         B203   |      --- L080 -L088  ---
DSC    M  B24         B208   |
DSC    M  R75         B201 * | DSC    M  I830         I832
DSC    M  R75         B203 * | DS        I831
DSC    M  R75         B208 * | DS     M  I832
                             | DSC    M  I839         I831
      --- L020 -L028  ---    |
                             |        --- L089  ---
DSC    M  A061        A064   |
DSC    M  A069        A064   | DSC    M  B24         B201
SMP       A220              | DSC    M  B24         B203
DSC    M  B24         B201   | DSC    M  B24         B208
DSC    M  B24         B203   | DSC    M  I830        I832
DSC    M  B24         B208   | DSC    M  I839        I831
DSC    M  R75         B201 * | SMP      L00  -L088
DSC    M  R75         B203 * | DSC    M  R75         B201  *
DSC    M  R75         B208 * | DSC    M  R75         B203  *
                             | DSC    M  R75         B208  *
        --- L029  ---        |
                             |        --- L109  ---
DSC    M  A061        A064   |
DSC    M  A069        A064   | SMP      L100 -L108
SMP       A220              |
DSC    M  B24         B201   |        --- L119  ---
DSC    M  B24         B203   |
DSC    M  B24         B208   | SMP      L110 -L118
SMP       L020 -L028        |
DSC    M  R75         B201 * |        --- L129  ---
DSC    M  R75         B203 * |
DSC    M  R75         B208 * | SMP      L120 -L128
                             |
      --- L031 -L038  ---    |        --- L139  ---
                             |
DSC    M  B24         B201   | SMP      L100 -L138
DSC    M  B24         B203   |
DSC    M  B24         B208   |        --- L209  ---
DSC    M  R75         B201 * |
DSC    M  R75         B203 * | SMP      L200 -L208
DSC    M  R75         B208 * |
                             |        --- L219  ---
        --- L039  ---        |
                             | SMP      L210 -L218
DSC    M  B24         B201   |
DSC    M  B24         B203   |        --- L239  ---
DSC    M  B24         B208   |
SMP       L030 -L038        | SMP      L230 -L238
DSC    M  R75         B201 * |
DSC    M  R75         B203 * |        --- L249  ---
DSC    M  R75         B208 * |
                             | SMP      L240 -L248
```

```
          --- L259  ---           |            --- L519  ---
                                  |
SMP        L230 -L258             | SMP        L510 -L518
                                  |
          --- L279  ---           |            --- L539  ---
                                  |
SMP        L270 -L278             | SMP        L510 -L538
                                  |
          --- L280  ---           |            --- L559  ---
                                  |
DSC    M  E859          E854      | SMP        L550 -L558
                                  |
          --- L299  ---           |            --- L569  ---
                                  |
SMP        L290 -L298             | SMP        L560 -L568
                                  |
          --- L309  ---           |            --- L579  ---
                                  |
DS         A601                   | SMP        L570 -L578
DS         B000 -B001             |
DS     M   B005                   |            --- L589  ---
DSC        E100 -E105   E107      |
DS         E106 -E107             | SMP        L580 -L581
DSC        E108 -E109   E106  * |
DSC        E110 -E115   E117      |            --- L599  ---
DS         E116 -E117             |
DSC        E118 -E119   E116  * | SMP        L590 -L598
DSC        E120 -E125   E127      |
DS         E126 -E127             |            --- L609  ---
DSC        E128 -E129   E126  * |
DSC        E130 -E135   E137      | SMP        L600 -L608
DS         E136 -E137             |
DSC        E138 -E139   E136  * |            --- L639  ---
DSC        E140 -E145   E147      |
DS         E146 -E147             | SMP        L630 -L638
DSC        E148 -E149   E146  * |
SMP        L200 -L308             |            --- L649  ---
                                  |
          --- L409  ---           | SMP        L640 -L648
                                  |
SMP        L400 -L408             |            --- L659  ---
                                  |
          --- L419  ---           | SMP        L650 -L658
                                  |
SMP        L410 -L418             |            --- L669  ---
                                  |
          --- L439  ---           | SMP        L660 -L668
                                  |
SMP        L430 -L438             |            --- L679  ---
                                  |
          --- L449  ---           | SMP        L670 -L678
                                  |
SMP        L400 -L448             |            --- L689  ---
                                  |
          --- L509  ---           | SMP        L680 -L688
                                  |
SMP        L500 -L508             |
                                  |
```

```
            --- L709  ---          |            --- L89   ---
                                   |                CONTINUED
SMP         L700 -L708             | DSC        E138 -E139   E135  *
                                   | DSC        E140 -E144   E147
            --- L719  ---          | DS         E145
                                   | DSC        E146         E147
SMP         L710 -L718             | DS         E147
                                   | DSC        E148 -E149   E145  *
            --- L729  ---          | DS         G800 -G839
                                   | DS         M840 -M849
SMP         L720 -L728             | DSC        R75          B238  *
                                   |
            --- L739  ---          |            --- L909  ---
                                   |
SMP         L730 -L738             | SMP        L900 -L908
                                   |
            --- L749  ---          |            --- L919  ---
                                   |
SMP         L740 -L748             | SMP        L910 -L918
                                   |
            --- L759  ---          |            --- L921  ---
                                   |
SMP         L750 -L758             | DSC        E100 -E105   E107
                                   | DS         E106 -E107         *
            --- L819  ---          | DSC        E108 -E109   E106  *
                                   | DSC        E110 -E115   E117
SMP         L810 -L818             | DS         E116 -E117         *
                                   | DSC        E118 -E119   E116  *
            --- L859  ---          | DSC        E120 -E125   E127
                                   | DS         E126 -E127         *
SMP         L850 -L858             | DSC        E128 -E129   E126  *
                                   | DSC        E130 -E135   E137
            --- L879  ---          | DS         E136 -E137         *
                                   | DSC        E138 -E139   E136  *
SMP         L870 -L878             | DSC        E140 -E145   E147
                                   | DS         E146 -E147         *
            --- L89   ---          | DSC        E148 -E149   E146  *
                                   |
DSC         B24          B238      |            --- L929  ---
DSC         E100 -E104   E107      |
DS          E105                   | SMP        L920 -L928
DSC         E106         E107      |
DS          E107                   |            --- L930  ---
DSC         E108 -E109   E105  * |
DSC         E110 -E114   E117      | SMP        L931 -L932
DS          E115                   |
DSC         E116         E117      |            --- L949  ---
DS          E117                   |
DSC         E118 -E119   E115  * | SMP        L940 -L948
DSC         E120 -E124   E127      |
DS          E125                   |            --- L958  ---
DSC         E126         E127      |
DS          E127                   | DSC    M   B24          B201
DSC         E128 -E129   E125  * | DSC    M   B24          B203
DSC         E130 -E134   E137      | DSC    M   B24          B208
DS          E135                   | DSC    M   R75          B201  *
DSC         E136         E137      | DSC    M   R75          B203  *
DS          E137                   | DSC    M   R75          B208  *
```

```
                              TABLE E
          MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


           --- L959 ---              |              --- L984  ---
                                     |                   CONTINUED
DSC      M  B24            B201      | DSC       E126            E127
DSC      M  B24            B203      | DS        E127
DSC      M  B24            B208      | DSC       E128 -E129   E125    *
SMP         L950 -L958              | DSC       E130 -E134   E137
DSC      M  R75            B201  *  | DS        E135
DSC      M  R75            B203  *  | DSC       E136            E137
DSC      M  R75            B208  *  | DS        E137
                                     | DSC       E138 -E139   E135    *
           --- L97  ---              | DSC       E140 -E144   E147
                                     | DS        E145
DSC         B24            B238      | DSC       E146            E147
DSC         E100 -E104   E107       | DS        E147
DS          E105                     | DSC       E148 -E149   E145    *
DSC         E106          E107       | DSC    M  I831            I832
DS          E107                     | DSC    M  I839            I830
DSC         E108 -E109   E105  *    | DSC       R75             B238   *
DSC         E110 -E114   E117       |
DS          E115                     |           --- L988  ---
DSC         E116          E117       |
DS          E117                     | DSC    M  E859            E854
DSC         E118 -E119   E115  *    |
DSC         E120 -E124   E127       |           --- L989  ---
DS          E125                     |
DSC         E126          E127       | SMP        L980 -L988
DS          E127                     |
DSC         E128 -E129   E125  *    |       --- M000 -M008  ---
DSC         E130 -E134   E137       |
DS          E135                     | DS     M  A180
DSC         E136          E137       | DSC    M  B24            B201
DS          E137                     | DSC    M  B24            B203
DSC         E138 -E139   E135  *    | DSC    M  B24            B208
DSC         E140 -E144   E147       | DSC    M  R75            B201   *
DS          E145                     | DSC    M  R75            B203   *
DSC         E146          E147       | DSC    M  R75            B208   *
DS          E147                     |
DSC         E148 -E149   E145  *    |       --- M009  ---
DS          I739                     |
DSC         I831          I832       | DS     M  A180
DSC         I839          I830       | DSC    M  B24            B201
DSC         R75           B238  *    | DSC    M  B24            B203
                                     | DSC    M  B24            B208
           --- L984  ---             | SMP        M000 -M008
                                     | DSC    M  R75            B201   *
DSC         B24           B238      | DSC    M  R75            B203   *
DSC         E100 -E104   E107       | DSC    M  R75            B208   *
DS          E105                     |
DSC         E106          E107       |       --- M022  ---
DS          E107                     |
DSC         E108 -E109   E105  *    | DSC    M  B24            B201
DSC         E110 -E114   E117       | DSC    M  B24            B203
DS          E115                     | DSC    M  B24            B208
DSC         E116          E117       | DSC    M  R75            B201   *
DS          E117                     | DSC    M  R75            B203   *
DSC         E118 -E119   E115  *    | DSC    M  R75            B208   *
DSC         E120 -E124   E127       |
DS          E125                     |
                              E-256  (11-04)
```

```
        --- M028  ---        |       --- M109  ---
                             |
DSC    M  B24         B201   | SMP        M100 -M104
DSC    M  B24         B203   |
DSC    M  B24         B208   |     --- M110 -M118  ---
DSC    M  R75         B201 * |
DSC    M  R75         B203 * | DSC    M  B24         B201
DSC    M  R75         B208 * | DSC    M  B24         B203
                             | DSC    M  B24         B208
        --- M029  ---        | DSC    M  R75         B201 *
                             | DSC    M  R75         B203 *
DSC    M  B24         B201   | DSC    M  R75         B208 *
DSC    M  B24         B203   |
DSC    M  B24         B208   |       --- M119  ---
SMP       M020 -M028         |
DSC    M  R75         B201 * | DSC    M  B24         B201
DSC    M  R75         B203 * | DSC    M  B24         B203
DSC    M  R75         B208 * | DSC    M  B24         B208
                             | SMP       M110 -M118
        --- M058  ---        | DSC    M  R75         B201 *
                             | DSC    M  R75         B203 *
SMP       N288               | DSC    M  R75         B208 *
                             |
        --- M059  ---        |     --- M121 -M124  ---
                             |
SMP       M050 -M058         | DSC    M  B24         B201
                             | DSC    M  B24         B203
        --- M069  ---        | DSC    M  B24         B208
                             | DSC    M  R75         B201 *
LMC    M  G629       M053    | DSC    M  R75         B203 *
LMC       G729       M053    | DSC    M  R75         B208 *
LMC    M  I319       M053    |
LMC    M  I38        M053    |       --- M125  ---
LMC    M  I514       M053    |
LMC       I518 -I519 M053    | DS        S110 -S199
LMC    M  I776       M052    | DS        S220 -S235
LMC       J9840      M051    | DS        S320 -S337
SMP       M050 -M068         | DS        S420 -S437
LMC    M  M436       M068    | DS        S47  -S499
                             | DS        S520 -S534
     --- M084 -M088  ---     | DS        S570 -S599
                             | DS        S620 -S637
DSC    M  B24         B201   | DS        S670 -S699
DSC    M  B24         B203   | DS        S720 -S731
DSC    M  B24         B208   | DS        S770 -S799
DSC    M  R75         B201 * | DS        S820 -S837
DSC    M  R75         B203 * | DS        S870 -S899
DSC    M  R75         B208 * | DS        S920 -S936
                             | DS        S970 -S999
        --- M089  ---        | DS        T021 -T059
                             | DS        T08
DSC    M  B24         B201   | DS        T092
DSC    M  B24         B203   | DS        T096
DSC    M  B24         B208   | DS        T10
SMP       M080 -M088         | DS        T112
DSC    M  R75         B201 * | DS        T116
DSC    M  R75         B203 * | DS        T12
DSC    M  R75         B208 * | DS        T132
```

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           --- M125  ---           |         --- M131  ---
              CONTINUED            |            CONTINUED
DS         T136                    | DSC       E140 -E145   E147
DS         T142 -T143             | DS        E146 -E147          *
DS         T147                    | DSC       E148 -E149   E146  *
                                   | DS     M  E854
           --- M128  ---           | DSC       E859         E854
                                   | DSC    M  R75          B201  *
DSC    M  B24          B201        | DSC    M  R75          B203  *
DSC    M  B24          B203        | DSC    M  R75          B208  *
DSC    M  B24          B208        |
DSC    M  R75          B201  *     |         --- M138  ---
DSC    M  R75          B203  *     |
DSC    M  R75          B208  *     | DSC       A029         A022
                                   | DSC       B069         B068
           --- M130  ---           | DSC    M  B24          B201
                                   | DSC    M  B24          B203
DSC    M  B24          B201        | DSC    M  B24          B208
DSC    M  B24          B203        | DSC       E100 -E105   E107
DSC    M  B24          B208        | DS        E106 -E107          *
DSC       E100 -E105   E107        | DSC       E108 -E109   E106  *
DS        E106 -E107         *     | DSC       E110 -E115   E117
DSC       E108 -E109   E106  *     | DS        E116 -E117          *
DSC       E110 -E115   E117        | DSC       E118 -E119   E116  *
DS        E116 -E117         *     | DSC       E120 -E125   E127
DSC       E118 -E119   E116  *     | DS        E126 -E127          *
DSC       E120 -E125   E127        | DSC       E128 -E129   E126  *
DS        E126 -E127         *     | DSC       E130 -E135   E137
DSC       E128 -E129   E126  *     | DS        E136 -E137          *
DSC       E130 -E135   E137        | DSC       E138 -E139   E136  *
DS        E136 -E137         *     | DSC       E140 -E145   E147
DSC       E138 -E139   E136  *     | DS        E146 -E147          *
DSC       E140 -E145   E147        | DSC       E148 -E149   E146  *
DS        E146 -E147         *     | DSC       E859         E854
DSC       E148 -E149   E146  *     | DSC    M  R75          B201  *
DS     M  E854                     | DSC    M  R75          B203  *
DSC       E859         E854        | DSC    M  R75          B208  *
DSC    M  R75          B201  *     |
DSC    M  R75          B203  *     |         --- M139  ---
DSC    M  R75          B208  *     |
                                   | SMP    M  A022
           --- M131  ---           | DSC       A029         A022
                                   | SMP    M  A180
DSC    M  B24          B201        | SMP    M  A251
DSC    M  B24          B203        | SMP    M  A398
DSC    M  B24          B208        | SMP    M  A521
DSC       E100 -E105   E107        | SMP    M  A544
DS        E106 -E107         *     | SMP    M  B068
DSC       E108 -E109   E106  *     | DSC       B069         B068
DSC       E110 -E115   E117        | DSC    M  B24          B201
DS        E116 -E117         *     | DSC    M  B24          B203
DSC       E118 -E119   E116  *     | DSC    M  B24          B208
DSC       E120 -E125   E127        | SMP    M  B49
DS        E126 -E127   E126  *     | SMP    M  B749
DSC       E128 -E129   E126  *     | DSC       E100 -E105   E107
DSC       E130 -E135   E137        | DS        E106 -E107          *
DS        E136 -E137         *     | DSC       E108 -E109   E106  *
DSC       E138 -E139   E136  *     | DSC       E110 -E115   E117
```

```
        --- M139  ---              |        --- M169  ---
          CONTINUED                |
DS        E116 -E117          *    | SMP       M160 -M167
DSC       E118 -E119   E116   *    |
DSC       E120 -E125   E127        |        --- M179  ---
DS        E126 -E127          *    |
DSC       E128 -E129   E126   *    | SMP       M170 -M175
DSC       E130 -E135   E137        |
DS        E136 -E137          *    |        --- M189  ---
DSC       E138 -E139   E136   *    |
DSC       E140 -E145   E147        | SMP       M180 -M185
DS        E146 -E147          *    |
DSC       E148 -E149   E146   *    |     --- M199 -M1990 ---
SMP    M  E702                     |
DS     M  E854                     | SMP       M150 -M198
DSC       E859         E854        |
SMP    M  I00                      |        --- M206  ---
SMP    M  L405                     |
SMP       M000 -M138               | SMP       M201 -M205
SMP    M  M199 -M1990              |
SMP    M  M45                      |        --- M218  ---
SMP    M  M465                     |
SMP    M  M469                     | DS    M   E100 -E149
SMP    M  M483                     |
DSC    M  R75          B201   *    |        --- M219  ---
DSC    M  R75          B203   *    |
DSC    M  R75          B208   *    | SMP       M200 -M218
                                   |
        --- M152  ---              |        --- M229  ---
                                   |
DSC    M  B24          B201        | SMP       M220 -M228
DSC    M  B24          B203        |
DSC    M  B24          B208        |        --- M239  ---
DSC    M  R75          B201   *    |
DSC    M  R75          B203   *    | SMP       M230 -M238
DSC    M  R75          B208   *    |
                                   |        --- M246  ---
     --- M154 -M158  ---           |
                                   | DS        M050 -M089
DSC    M  B24          B201        | DS        M120 -M1990
DSC    M  B24          B203        | DS        M45  -M489
DSC    M  B24          B208        |
DSC    M  R75          B201   *    |        --- M249  ---
DSC    M  R75          B203   *    |
DSC    M  R75          B208   *    | SMP       M230 -M248
                                   |
        --- M159  ---              |        --- M259  ---
                                   |
SMP       M150 -M158               | SMP       M000 -M258
                                   |
     --- M162 -M163  ---           |        --- M300  ---
                                   |
DSC    M  B24          B201        | DSC    M  B24          B201
DSC    M  B24          B203        | DSC    M  B24          B203
DSC    M  B24          B208        | DSC    M  B24          B208
DSC    M  R75          B201   *    | LMC       I270         M301
DSC    M  R75          B203   *    | LMC       I272         M301
DSC    M  R75          B208   *    | LMC       J120 -J219   M301
```

```
          --- M300  ---            |          --- M349  ---
               CONTINUED           |
LMC         J40  -J47    M301      | LMC          G729        M348
LMC         J690         M301      | LMC          I272        M348
LMC         J80  -J81    M301      | LMC          I300 -I519  M348   *
LMC         J840 -J852   M301      | LMC          J120 -J219  M348
LMC         J90          M301      | LMC          J40  -J47   M348
LMC         J929 -J949   M301      | LMC          J690        M348
LMC         J980 -J9840  M301      | LMC          J80  -J81   M348
DSC    M R75             B201  *   | LMC          J840 -J852  M348
DSC    M R75             B203  *   | LMC          J90         M348
DSC    M R75             B208  *   | LMC          J929 -J949  M348
                                   | LMC          J980 -J9840 M348
      --- M301 -M302  ---          | SMP          M340 -M348
                                   |
DSC    M B24             B201      |          --- M354  ---
DSC    M B24             B203      |
DSC    M B24             B208      | DSC    M B24             B201
DSC    M R75             B201  *   | DSC    M B24             B203
DSC    M R75             B203  *   | DSC    M B24             B208
DSC    M R75             B208  *   | DSC    M R75             B201  *
                                   | DSC    M R75             B203  *
          --- M308  ---            | DSC    M R75             B208  *
                                   |
DSC    M B24             B201      |          --- M355  ---
DSC    M B24             B203      |
DSC    M B24             B208      | DSC      B24             B238
DSC    M R75             B201  *   | DSC      R75             B238  *
DSC    M R75             B203  *   |
DSC    M R75             B208  *   |          --- M357  ---
                                   |
      --- M310 -M318  ---          | DSC      B24             B238
                                   | DSC      R75             B238  *
DSC    M B24             B238      |
DSC    M R75             B238      |          --- M359  ---
                                   |
          --- M319  ---            | LMC          I600        M358
                                   | LMC          I601 -I606  M358
DSC    M B24             B238      | LMC          I607        M358
SMP      M310 -M318                | LMC          I608        M358
DSC    M R75             B238      | LMC          I609        M358
                                   | LMC          I610 -I698  M358
          --- M329  ---            | SMP          M300 -M358
                                   |
LMC         I00  -I420   M321      |          --- M402  ---
LMC         I421         M321      |
LMC         I422         M321      | SMP    M M400 -M401
LMC         I423 -I425   M321      |
LMC         I426 -I428   M321      |          --- M405  ---
LMC         I429         M321      |
LMC         I440 -K929   M321      | SMP          M404
LMC         M000 -M328   M321      |
SMP         M320 -M328             |      --- M410 -M418  ---
LMC         M330 -N399   M321      |
                                   | SMP          I271
          --- M339  ---            | LMC          I279        I271
                                   | LMC          I500 -I509  I271
SMP         M330 -M332             | LMC          I519        I271
```

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                               TABLE E
       MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D

           --- M419  ---              |         --- M478  ---
                                      |            CONTINUED
SMP     M  A180                       | LMC    M  M541           M472
SMP        E643                       |
SMP        I271                       |         --- M479  ---
LMC        I279            I271       |
LMC        I500 -I509     I271        | LMC    M  G959           M471
LMC        I519           I271        | SMP       M470 -M478
SMP        M410 -M418                 | LMC    M  M541           M472

           --- M429  ---              |         --- M485  ---

SMP        M420 -M421                 | DSC       M810           M800   *
                                      | DSC       M811           M801   *
           --- M434  ---              | DSC       M812           M802   *
                                      | DSC       M813           M803   *
LMC        G959           M433        | DSC       M814           M804   *
                                      | DSC       M815           M805   *
           --- M436  ---              | DSC       M816 -M818     M808   *
                                      | DSC       M819           M809   *
DS      M  M068                       |
DSC     M  M069           M068        |         --- M489  ---

           --- M439  ---              | SMP       M45  -M488

SMP        M400 -M438                 |       --- M502 -M508  ---

     --- M460 -M468  ---              | LMC    M  G959           M500
                                      | LMC    M  M541           M501
DSC     M  B24            B201        | LMC    M  M792           M501
DSC     M  B24            B203        |
DSC     M  B24            B208        |         --- M509  ---
DSC     M  R75            B201   * |
DSC     M  R75            B203   * | LMC    M  G959           M500
DSC     M  R75            B208   * | SMP       M500 -M508
                                      | LMC    M  M541           M501
           --- M469  ---              | LMC    M  M792           M501

DSC     M  B24            B201        |       --- M512 -M513  ---
DSC     M  B24            B203        |
DSC     M  B24            B208        | LMC    M  G959           M510
SMP        M460 -M468                 | LMC    M  M541           M511
DSC     M  R75            B201   * | LMC       M543           M511
DSC     M  R75            B203   * | LMC    M  M792           M511
DSC     M  R75            B208   * |
                                      |         --- M518  ---
     --- M471 -M472  ---              |
                                      | LMC    M  G959           M510
DSC     M  B24            B201        | LMC    M  M541           M511
DSC     M  B24            B203        | LMC       M543           M511
DSC     M  B24            B208        | LMC    M  M792           M511
DSC     M  R75            B201   * |
DSC     M  R75            B203   * |         --- M519  ---
DSC     M  R75            B208   * |
                                      | SMP       C412
           --- M478  ---              | SMP    M  C795
                                      | SMP       D166
LMC     M  G959           M471        | SMP    M  D480
                         E-261  (11-04)
```

```
          --- M519  ---              |      --- M620 -M622  ---
             CONTINUED               |
LMC    M  G959           M510        | DSC        B24          B238
SMP       M500 -M518                 | DSC        R75          B238  *
LMC    M  M541           M511        |
LMC       M543           M511        |      --- M624  ---
LMC    M  M792           M511        |
                                     | DSC        B24          B238
          --- M539  ---              | DSC        R75          B238  *
                                     |
SMP       M400 -M538                 |      --- M625  ---
SMP       M540 -M544                 |
                                     | DSC        B24          B238
          --- M541  ---              | DS         G120 -G129
                                     | DSC        R75          B238  *
DSC    M  M478 -M479     M472        |
DSC    M  M502 -M509     M501        |      --- M626 -M628  ---
DSC    M  M512 -M513     M511        |
DSC    M  M518 -M519     M511        | DSC        B24          B238
                                     | DSC        R75          B238  *
          --- M543  ---              |
                                     |      --- M629  ---
DSC       M512 -M513     M511        |
DSC       M518 -M519     M511        | DSC        B24          B238
LMC    M  M545           M544        | SMP        M600 -M628
                                     | DSC        R75          B238  *
          --- M545  ---              |
                                     |      --- M659  ---
LMC    M  M543           M544        |
                                     | SMP        M650 -M658
          --- M600  ---              |
                                     |      --- M665  ---
DS     M  B588                       |
DSC    M  B589           B588        | SMP        M662 -M664
DS     M  B698                       |
DSC    M  B699           B698        |      --- M679  ---
                                     |
          --- M608  ---              | SMP    M  C499
                                     | SMP    M  C798
DS     M  B588                       | SMP       D219
DSC       B589           B588        | SMP       D481
DS     M  B698                       | SMP       M650 -M678
DSC       B699           B698        |
                                     |      --- M719  ---
          --- M609  ---              |
                                     | SMP       M700 -M718
DS     M  B588                       |
DSC       B589           B588        |      --- M720 -M728  ---
DS     M  B698                       |
DSC       B699           B698        | DSC    M  B24          B201
SMP       M600 -M608                 | DSC    M  B24          B203
                                     | DSC    M  B24          B208
          --- M619  ---              | DSC    M  B24          B238
                                     | DSC    M  R75          B201  *
SMP       M610 -M615                 | DSC    M  R75          B203  *
LMC       T200 -T329     M613        | DSC    M  R75          B208  *
                                     | DSC    M  R75          B238  *
                                     |
```

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           --- M729 ---              |           --- M792 ---
                                     |            CONTINUED
DSC     M  B24           B201        | DSC     M  M512 -M513   M511
DSC     M  B24           B203        | DSC     M  M518 -M519   M511
DSC     M  B24           B208        |
DSC     M  B24           B238        |           --- M799 ---
SMP        M720 -M728                |
DSC     M  R75           B201   *    | SMP        M600 -M798
DSC     M  R75           B203   *    |
DSC     M  R75           B208   *    |           --- M809 ---
DSC     M  R75           B238   *    |
                                     | SMP        M800 -M808
           --- M759 ---              |
                                     |           --- M810 ---
SMP        M750 -M758                |
                                     | LMC        M485         M800   *
           --- M769 ---              | LMC        M844         M800
                                     |
SMP        M760 -M768                |           --- M811 ---
                                     |
           --- M779 ---              | LMC        M485         M801   *
                                     | LMC        M844         M801
SMP        M760 -M778                |
                                     |           --- M812 ---
     --- M790 -M791 ---              |
                                     | LMC        M485         M802   *
SMP        M353                      | LMC        M844         M802
                                     |
           --- M792 ---              |           --- M813 ---
                                     |
DSC        E100 -E103   E107   *     | LMC        M485         M803   *
DS         E104                *     | LMC        M844         M803
DSC        E105 -E106   E107   *     |
DS         E107                *     |           --- M814 ---
DSC        E108 -E109   E104   *     |
DSC        E110 -E113   E117   *     | LMC        M485         M804   *
DS         E114                *     | LMC        M844         M804
DSC        E115 -E116   E117   *     |
DS         E117                *     |           --- M815 ---
DSC        E118 -E119   E114   *     |
DSC        E120 -E123   E127   *     | LMC        M485         M805   *
DS         E124                *     | LMC        M844         M805
DSC        E125 -E126   E127   *     |
DS         E127                *     |           --- M816 ---
DSC        E128 -E129   E124   *     |
DSC        E130 -E133   E137   *     | DSC        B24          B238
DS         E134                *     | LMC        M485         M808   *
DSC        E135 -E136   E137   *     | DSC        R75          B238   *
DS         E137                *     |
DSC        E138 -E139   E134   *     |           --- M818 ---
DSC        E140 -E143   E147   *     |
DS         E144                *     | LMC        M485         M808   *
DSC        E145 -E146   E147   *     | DS         M808
DS         E147                *     | LMC        M844         M808
DSC        E148 -E149   E144   *     |
DS      M  M501                      |           --- M819 ---
DSC     M  M502 -M509   M501         |
DS      M  M511                      | LMC        M485         M809   *
```

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                             TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


             --- M819  ---          |      --- M863 -M864  ---
               CONTINUED            |        CONTINUED
SMP          M800 -M818             | DSC    M  B24          B208
LMC          M844          M809     | DSC    M  R75          B201   *
                                    | DSC    M  R75          B203   *
             --- M839  ---          | DSC    M  R75          B208   *
                                    |
DSC          B24           B238     |      --- M865  ---
SMP          M830 -M838             |
DSC          R75           B238  *  | DS     M  A022
                                    | DSC    M  A029         A022
        --- M840 -M842  ---         | DSC    M  B24          B201
                                    | DSC    M  B24          B203
DS     M  Y850 -Y872                | DSC    M  B24          B208
DS     M  Y890 -Y899                | DSC    M  R75          B201   *
                                    | DSC    M  R75          B203   *
             --- M844  ---          | DSC    M  R75          B208   *
                                    |
DS           C400 -C419             |      --- M866  ---
DS           C795                   |
DS           C900                   | DS     M  A022
DS           D160 -D169             | DSC    M  A029         A022
DS           D480                   | DSC    M  B24          B201
DS           M800 -M809             | DSC    M  B24          B203
LMC          M810          M800     | DSC    M  B24          B208
LMC          M811          M801     | LMC    M  M898         M864
LMC          M812          M802     | DSC    M  R75          B201   *
LMC          M813          M803     | DSC    M  R75          B203   *
LMC          M814          M804     | DSC    M  R75          B208   *
LMC          M815          M805     |
LMC          M816 -M818    M808     |      --- M868  ---
LMC          M819          M809     |
DS     M  M830 -M839                | DSC    M  B24          B201
DS        M880 -M889                | DSC    M  B24          B203
DS        Q780 -Q789                | DSC    M  B24          B208
                                    | DSC    M  R75          B201   *
                                    | DSC    M  R75          B203   *
             --- M849  ---          | DSC    M  R75          B208   *
                                    |
SMP          M840 -M848             |      --- M869  ---
                                    |
             --- M859  ---          |
                                    | SMP    M  A010
SMP          M800 -M858             | SMP    M  A022
                                    | SMP    M  A180
        --- M860 -M862  ---         | SMP    M  A527
                                    | SMP    M  A544
DSC    M  B24          B201         | DSC    M  B24          B201
DSC    M  B24          B203         | DSC    M  B24          B203
DSC    M  B24          B208         | DSC    M  B24          B208
DSC    M  R75          B201   *     | SMP       M860 -M868
DSC    M  R75          B203   *     | DSC    M  R75          B201   *
DSC    M  R75          B208   *     | DSC    M  R75          B203   *
                                    | DSC    M  R75          B208   *
        --- M863 -M864  ---         |
                                    |      --- M873 -M878  ---
DSC    M  A029         A022         |
DSC    M  B24          B201         | DSC    M  B24          B238
DSC    M  B24          B203         | DSC    M  R75          B238   *
                             E-264  (11-04)
```

```
            --- M879  ---           |          --- M960  ---

DSC     M  B24           B238       | DS      M  Y834
SMP        M870 -M878               | DS      M  Y836 -Y838
DSC     M  R75           B238    *  | DS      M  Y883
                                    |
            --- M889  ---           |          --- M961  ---
                                    |
SMP        M880 -M888               | DS         Y836
                                    | DS      M  Y883
            --- M899  ---           |
                                    |          --- M962  ---
SMP        C410 -C419               |
SMP        C795                     | DS         Y842
SMP        D160 -D169               | DS      M  Y883
SMP        D480                     |
DSC     M  E100 -E105   E107    *   |          --- M963  ---
DS      M  E106 -E107           *   |
DSC     M  E109         E106    *   | DS         Y836
DSC     M  E110 -E115   E117    *   | DS      M  Y883
DS      M  E116 -E117           *   |
DSC     M  E119         E116    *   |          --- M964  ---
DSC     M  E120 -E125   E127    *   |
DS      M  E126 -E127           *   | DS      M  Y834
DSC     M  E129         E126    *   | DS      M  Y836 -Y838
DSC     M  E130 -E135   E137    *   | DS      M  Y883
DS      M  E136 -E137           *   |
DSC     M  E139         E136    *   |          --- M965  ---
DSC     M  E140 -E145   E147    *   |
DS      M  E146 -E147           *   | DS         Y842
DSC     M  E149         E146    *   | DS      M  Y883
SMP        M200 -M229               |
SMP        M800 -M898               |          --- M966  ---
SMP     M  Q799                     |
                                    | DS      M  Y831 -Y832
            --- M919  ---           | DS      M  Y883
                                    |
SMP        M910 -M918               |     --- M968 -M969  ---
                                    |
            --- M929  ---           | DS         Y600 -Y849
                                    | DS         Y881
SMP        M910 -M928               | DS         Y883
                                    |
            --- M939  ---           |          --- N000  ---
                                    |
SMP     M  A500                     | DS         A181
SMP     M  A505                     | DS         A251
SMP        M429                     | DS         A38
SMP        M910 -M938               | DS         A400 -A409
                                    | DS      M  A410 -A419
            --- M949  ---           | DS         A527
                                    | DS         A985
SMP        M910 -M948               | DSC     M  B24           B201
                                    | DSC     M  B24           B208
            --- M959  ---           | DS         B268
                                    | DS         B520
SMP        M950 -M958               | DS         B650 -B659
                                    | DS         B780 -B789
```

MODIFICATION: SELECTION RULE 3, MODIFICATION RULES A, C, AND D

```
       --- N000  ---              |     --- N001 -N008  ---
          CONTINUED               |        CONTINUED
DS     M  C579                    | DS        A38
DS     M  C639                    | DS        A400 -A409
DS        C64  -C689              | DS     M  A410 -A419
DS        C790 -C791              | DS        A527
DS     M  C798                    | DS        A985
DS     M  D073                    | DSC    M  B24          B201
DS     M  D076                    | DSC    M  B24          B208
DS        D090 -D091              | DS        B268
DS     M  D289                    | DS        B520
DS     M  D299                    | DS        B650 -B659
DS        D300 -D309              | DS        B780 -B789
DS     M  D399                    | DS     M  C579
DS     M  D409                    | DS     M  C639
DS        D410 -D419              | DS        C64  -C689
DSC       E100 -E101   E107       | DS        C790 -C791
DS        E102                    | DS     M  C798
DSC       E103 -E106   E107       | DS     M  D073
DS        E107               *    | DS     M  D076
DSC       E108 -E109   E102  *    | DS        D090 -D091
DSC       E110 -E111   E117       | DS     M  D289
DS        E112                    | DS     M  D299
DSC       E113 -E116   E117       | DS        D300 -D309
DS        E117               *    | DS     M  D399
DSC       E118 -E119   E112  *    | DS     M  D409
DSC       E120 -E121   E127       | DS        D410 -D419
DS        E122                    | DSC       E100 -E101   E107
DSC       E123 -E126   E127       | DS        E102
DS        E127               *    | DSC       E103 -E106   E107
DSC       E128 -E129   E122  *    | DS        E107               *
DSC       E130 -E131   E137       | DSC       E108 -E109   E102  *
DS        E132                    | DSC       E110 -E111   E117
DSC       E133 -E136   E137       | DS        E112
DS        E137               *    | DSC       E113 -E116   E117
DSC       E138 -E139   E132  *    | DS        E117               *
DSC       E140 -E141   E147       | DSC       E118 -E119   E112  *
DS        E142                    | DSC       E120 -E121   E127
DSC       E143 -E146   E147       | DS        E122
DS        E147               *    | DSC       E123 -E126   E127
DSC       E148 -E149   E142  *    | DS        E127               *
DS        E850 -E859              | DSC       E128 -E129   E122  *
DS        G002                    | DSC       E130 -E131   E137
DS        I301                    | DS        E132
DS        I330                    | DSC       E133 -E136   E137
DS        J020                    | DS        E137               *
DS        J030                    | DSC       E138 -E139   E132  *
DS        J13                     | DSC       E140 -E141   E147
DS        J153 -J154              | DS        E142
DS        M320 -M328              | DSC       E143 -E146   E147
LMP       N030 -N039              | DS        E147               *
DSC    M  R75          B201  *    | DSC       E148 -E149   E142  *
DSC    M  R75          B208  *    | DS        E850 -E859
                                  | DS        G002
       --- N001 -N008  ---        | DS        I301
                                  | DS        I330
DS        A181                    | DS        J020
DS        A251                    | DS        J030
```

```
         --- N001 -N008  ---        |      --- N009  ---
                CONTINUED           |         CONTINUED
DS            J13                    | DS            E142
DS            J153 -J154             | DSC           E143 -E146    E147
DS            M320 -M328             | DS            E147                    *
DSC     M    R75           B201  * | DSC           E148 -E149    E142    *
DSC     M    R75           B208  * | DS            E850 -E859
                                    | DS            G002
          --- N009  ---             | DS            I301
                                    | DS            I330
DS            A181                   | DS            J020
DS            A251                   | DS            J030
DS            A38                    | DS            J13
DS            A400 -A409             | DS            J153 -J154
DS      M    A410 -A419             | DS            M320 -M328
DS            A527                   | LMP           N030 -N039
DS            A985                   | DSC     M    R75           B201    *
DSC     M    B24           B201     | DSC     M    R75           B208    *
DSC     M    B24           B208     |
DS            B268                   |      --- N010 -N018   ---
DS            B520                   |
DS            B650 -B659             | DS            A181
DS            B780 -B789             | DS            A38
DS      M    C579                   | DS            A400 -A409
DS      M    C639                   | DS      M    A410 -A419
DS            C64  -C689             | DS            A527
DS            C790 -C791             | DS            A985
DS      M    C798                   | DSC     M    B24           B201
DS      M    D073                   | DSC     M    B24           B208
DS      M    D076                   | DS            B268
DS            D090 -D091             | DS            B520
DS      M    D289                   | DS            B650 -B659
DS      M    D299                   | DS            B780 -B789
DS            D300 -D309             | DS      M    C579
DS      M    D399                   | DS      M    C639
DS      M    D409                   | DS            C64  -C689
DS            D410 -D419             | DS            C790 -C791
DSC           E100 -E101    E107     | DS      M    C798
DS            E102                   | DS      M    D073
DSC           E103 -E106    E107     | DS      M    D076
DS            E107                 * | DS            D090 -D091
DSC           E108 -E109    E102  * | DS      M    D289
DSC           E110 -E111    E117     | DS      M    D299
DS            E112                   | DS            D300 -D309
DSC           E113 -E116    E117     | DS      M    D399
DS            E117                 * | DS      M    D409
DSC           E118 -E119    E112  * | DS            D410 -D419
DSC           E120 -E121    E127     | DSC           E100 -E101    E107
DS            E122                   | DS            E102
DSC           E123 -E126    E127     | DSC           E103 -E106    E107
DS            E127                 * | DS            E107                    *
DSC           E128 -E129    E122  * | DSC           E108 -E109    E102    *
DSC           E130 -E131    E137     | DSC           E110 -E111    E117
DS            E132                   | DS            E112
DSC           E133 -E136    E137     | DSC           E113 -E116    E117
DS            E137                 * | DS            E117                    *
DSC           E138 -E139    E132  * | DSC           E118 -E119    E112    *
DSC           E140 -E141    E147     | DSC           E120 -E121    E127
```

```
        --- N010 -N018  ---        |        --- N019  ---
               CONTINUED           |               CONTINUED
DS          E122                   | DSC        E103 -E106   E107
DSC         E123 -E126   E127      | DS         E107                    *
DS          E127                 * | DSC        E108 -E109   E102    *
DSC         E128 -E129   E122    * | DSC        E110 -E111   E117
DSC         E130 -E131   E137      | DS         E112
DS          E132                   | DSC        E113 -E116   E117
DSC         E133 -E136   E137      | DS         E117                    *
DS          E137                 * | DSC        E118 -E119   E112    *
DSC         E138 -E139   E132    * | DSC        E120 -E121   E127
DSC         E140 -E141   E147      | DS         E122
DS          E142                   | DSC        E123 -E126   E127
DSC         E143 -E146   E147      | DS         E127                    *
DS          E147                   | DSC        E128 -E129   E122    *
DSC         E148 -E149   E142    * | DSC        E130 -E131   E137
DS          E850 -E859             | DS         E132
DS          G002                   | DSC        E133 -E136   E137
DS          I301                   | DS         E137                    *
DS          I330                   | DSC        E138 -E139   E132    *
DS          J020                   | DSC        E140 -E141   E147
DS          J030                   | DS         E142
DS          J13                    | DSC        E143 -E146   E147
DS          J153 -J154             | DS         E147
DS          M320 -M328             | DSC        E148 -E149   E142    *
DSC     M   R75          B201    * | DS         E850 -E859
DSC     M   R75          B208    * | DS         G002
                                   | DS         I301
        --- N019  ---              | DS         I330
                                   | DS         J020
DS          A181                   | DS         J030
DS          A38                    | DS         J13
DS          A400 -A409             | DS         J153 -J154
DS      M   A410 -A419             | DS         M320 -M328
DS          A527                   | SMP        N010 -N018
DS          A985                   | DSC     M  R75          B201    *
DSC     M   B24          B201      | DSC     M  R75          B208    *
DSC     M   B24          B208      |
DS          B268                   |        --- N020 -N025  ---
DS          B520                   |
DS          B650 -B659             | DS      M  A410 -A419
DS          B780 -B789             | DS         A527
DS      M   C579                   | DSC        B24          B238
DS      M   C639                   | DS         B268
DS          C64  -C689             | DS         B650 -B659
DS          C790 -C791             | DS         B780 -B789
DS      M   C798                   | DS         C510 -C689
DS      M   D073                   | DS         C790 -C791
DS      M   D076                   | DS         C796
DS          D090 -D091             | DS      M  C798
DS      M   D289                   | DS         D060 -D091
DS      M   D299                   | DS         D250 -D309
DS          D300 -D309             | DS         D390 -D419
DS      M   D399                   | DS         E102
DS      M   D409                   | DS         E107                    *
DS          D410 -D419             | DS         E112
DSC         E100 -E101   E107      | DS         E117                    *
DS          E102                   | DS         E122
```

```
        --- N020 -N025  ---          |       --- N027   ---
              CONTINUED              |          CONTINUED
DS           E127              *   | DS           B650 -B659
DS           E132                  | DS           B780 -B789
DSC          E135        E137      | DS           C510 -C689
DS           E137              *   | DS           C790 -C791
DS           E142                  | DS           C796
DS           E147              *   | DS        M  C798
DS           N000 -N019            | DS           D060 -D091
DS           N030 -N049            | DS           D250 -D309
DS           N060 -N288            | DS           D390 -D419
DS           N300 -N398            | DS           E102
DS           N40  -N459            | DS           E107              *
DS           N480 -N509            | DS           E112
DS           N700 -N96             | DS           E117              *
DS           N980 -N999            | DS           E122
DSC          R75         B238 *   | DS           E127              *
                                   | DS           E132
          --- N026  ---           | DS           E137              *
                                   | DS           E142
DS           A527                  | DS           E147              *
DSC          B24         B238      | DS           N000 -N019
DS           B268                  | DS           N030 -N049
DS           B650 -B659            | DS           N060 -N288
DS           B780 -B789            | DS           N300 -N398
DS           C510 -C689            | DS           N40  -N459
DS           C790 -C791            | DS           N480 -N509
DS           C796                  | DS           N700 -N96
DS        M  C798                  | DS           N980 -N999
DS           D060 -D091            | DSC          R75         B238 *
DS           D250 -D309            |
DS           D390 -D419            |       --- N028   ---
DS           E102                  |
DS           E107              *   | DS        M  A410 -A419
DS           E112                  | DS           A527
DS           E117              *   | DSC          B24         B238
DS           E122                  | DS           B268
DS           E127              *   | DS           B650 -B659
DS           E132                  | DS           B780 -B789
DS           E137              *   | DS           C510 -C689
DS           E142                  | DS           C790 -C791
DS           E147              *   | DS           C796
DS           N000 -N019            | DS        M  C798
DS           N030 -N049            | DS           D060 -D091
DS           N060 -N288            | DS           D250 -D309
DS           N300 -N398            | DS           D390 -D419
DS           N40  -N459            | DS           E102
DS           N480 -N509            | DS           E107              *
DS           N700 -N96             | DS           E112
DS           N980 -N999            | DS           E117              *
DSC          R75         B238 *   | DS           E122
                                   | DS           E127              *
          --- N027  ---           | DS           E132
                                   | DS           E137              *
DS        M  A410 -A419            | DS           E142
DS           A527                  | DS           E147              *
DSC          B24         B238      | DS           N000 -N019
DS           B268                  | LMP       M  N021 -N023
```

```
        --- N028  ---          |      --- N030 -N034  ---
            CONTINUED          |          CONTINUED
LMP   M N025                   | DS    M B520
DS      N030 -N049             | DS    M B650 -B659
DS      N060 -N288             | DS    M B780 -B789
DS      N300 -N398             | DS    M C579
DS      N40  -N459             | DS    M C639
DS      N480 -N509             | DS      C64  -C689
DS      N700 -N96              | DS      C790 -C791
DS      N980 -N999             | DS    M C798
DSC     R75          B238  *   | DS    M D073
                              | DS    M D076
        --- N029  ---          | DS      D090 -D091
                              | DS    M D289
DS    M A410 -A419             | DS    M D299
DS      A527                   | DS      D300 -D309
DSC     B24          B238      | DS    M D399
DS      B268                   | DS    M D409
DS      B650 -B659             | DS      D410 -D419
DS      B780 -B789             | DSC     E100 -E101   E107
DS      C510 -C689             | DS      E102
DS      C790 -C791             | DSC     E103 -E106   E107
DS      C796                   | DS      E107              *
DS    M C798                   | DSC     E108 -E109   E102 *
DS      D060 -D091             | DSC     E110 -E111   E117
DS      D250 -D309             | DS      E112
DS      D390 -D419             | DSC     E113 -E116   E117 *
DS      E102                   | DS      E117              *
DS      E107              *    | DSC     E118 -E119   E112 *
DS      E112                   | DSC     E120 -E121   E127
DS      E117              *    | DS      E122
DS      E122                   | DSC     E123 -E126   E127
DS      E127              *    | DS      E127              *
DS      E132                   | DSC     E128 -E129   E122 *
DS      E137              *    | DSC     E130 -E131   E137
DS      E142                   | DS      E132
DS      E147              *    | DSC     E133 -E136   E137
DS      N000 -N019             | DS      E137              *
SMP     N020 -N028             | DSC     E138 -E139   E132 *
DS      N030 -N049             | DSC     E140 -E141   E147
DS      N060 -N288             | DS      E142
DS      N300 -N398             | DSC     E143 -E146   E147
DS      N40  -N459             | DS      E147              *
DS      N480 -N509             | DSC     E148 -E149   E142 *
DS      N700 -N96              | DS      E850 -E859
DS      N980 -N999             | DS      G002
DSC     R75          B238  *   | DS      I301
                              | DS      I330
     --- N030 -N034  ---       | DS      J020
                              | DS      J030
DS    M A181                   | DS      M320 -M328
DS    M A38                    | DSC   M R75          B201 *
DS    M A400 -A419             | DSC   M R75          B208 *
DS    M A527                   |
DS    M A985                   |      --- N035  ---
DSC   M B24          B201      |
DSC   M B24          B208      | DS    M A181
DS    M B268                   | DS    M A38
```

```
            --- N035  ---              |      --- N036 -N038   ---
               CONTINUED               |
DS      M  A400 -A419                  | DS      M  A181
DS      M  A527                        | DS      M  A38
DS      M  A985                        | DS      M  A400 -A419
DSC     M  B24            B201         | DS      M  A527
DSC     M  B24            B208         | DS      M  A985
DS      M  B268                        | DSC     M  B24            B201
DS      M  B520                        | DSC     M  B24            B208
DS      M  B650 -B659                  | DS      M  B268
DS      M  B780 -B789                  | DS      M  B520
DS      M  C579                        | DS      M  B650 -B659
DS      M  C639                        | DS      M  B780 -B789
DS         C64  -C689                  | DS      M  C579
DS         C790 -C791                  | DS      M  C639
DS      M  C798                        | DS         C64  -C689
DS      M  D073                        | DS         C790 -C791
DS      M  D076                        | DS      M  C798
DS         D090 -D091                  | DS      M  D073
DS      M  D289                        | DS      M  D076
DS      M  D299                        | DS         D090 -D091
DS         D300 -D309                  | DS      M  D289
DS      M  D399                        | DS      M  D299
DS      M  D409                        | DS         D300 -D309
DS         D410 -D419                  | DS      M  D399
DSC        E100 -E101   E107           | DS      M  D409
DS         E102                        | DS         D410 -D419
DSC        E103 -E106   E107           | DSC        E100 -E101   E107
DS         E107              *          | DS         E102
DSC        E108 -E109   E102  *        | DSC        E103 -E106   E107
DSC        E110 -E111   E117           | DS         E107              *
DS         E112                        | DSC        E108 -E109   E102  *
DSC        E113 -E116   E117           | DSC        E110 -E111   E117
DS         E117              *          | DS         E112
DSC        E118 -E119   E112  *        | DSC        E113 -E116   E117
DSC        E120 -E121   E127           | DS         E117              *
DS         E122                        | DSC        E118 -E119   E112  *
DSC        E123 -E126   E127           | DSC        E120 -E121   E127
DS         E127              *          | DS         E122
DSC        E128 -E129   E122  *        | DSC        E123 -E126   E127
DSC        E130 -E131   E137           | DS         E127              *
DS         E132                        | DSC        E128 -E129   E122  *
DSC        E133 -E136   E137           | DSC        E130 -E131   E137
DS         E137              *          | DS         E132
DSC        E138 -E139   E132  *        | DSC        E133 -E136   E137
DSC        E140 -E141   E147           | DS         E137              *
DS         E142                        | DSC        E138 -E139   E132  *
DSC        E143 -E146   E147           | DSC        E140 -E141   E147
DS         E147              *          | DS         E142
DSC        E148 -E149   E142  *        | DSC        E143 -E146   E147
DS         E850 -E859                  | DS         E147              *
DS         G002                        | DSC        E148 -E149   E142  *
DS         I301                        | DS         E850 -E859
DS         I330                        | DS         G002
DS         J020                        | DS         I301
DS         J030                        | DS         I330
DSC     M  R75           B201  *       | DS         J020
DSC     M  R75           B208  *       | DS         J030
```

```
        --- N036 -N038  ---              |        --- N039  ---
              CONTINUED                   |              CONTINUED
DS          M320 -M328                    | DS          E850 -E859
DSC    M  R75              B201  * | DS          G002
DSC    M  R75              B208  * | DS          I301
                                          | DS          I330
          --- N039  ---                   | DS          J020
                                          | DS          J030
DS     M  A181                            | DS          M320 -M328
DS     M  A38                             | SMP         N030 -N038
DS     M  A400 -A419                      | SMP    M  N200 -N209
DS     M  A527                            | SMP       Q600 -Q639
DS     M  A985                            | DSC    M  R75              B201  *
DSC    M  B24             B201            | DSC    M  R75              B208  *
DSC    M  B24             B208            |
DS     M  B268                            |        --- N040 -N048  ---
DS     M  B520                            |
DS     M  B650 -B659                      | DS          A181
DS     M  B780 -B789                      | DS          A38
DS     M  C579                            | DS          A400 -A409
DS     M  C639                            | DS     M  A410 -A419
DS        C64  -C689                      | DS          A527
DS        C790 -C791                      | DSC        A94              A985
DS     M  C798                            | DS          A985
DS     M  D073                            | DSC        B24              B238
DS     M  D076                            | DS          B268
DS        D090 -D091                      | DS          B520
DS     M  D289                            | DSC        B529             B520
DS     M  D299                            | DS          B650 -B659
DS        D300 -D309                      | DS          B780 -B789
DS     M  D399                            | DS     M  C579
DS     M  D409                            | DS     M  C639
DS        D410 -D419                      | DS          C64  -C689
DSC       E100 -E101     E107             | DS          C790 -C791
DS        E102                            | DS     M  C798
DSC       E103 -E106     E107             | DS     M  D073
DS        E107                    * | DS     M  D076
DSC       E108 -E109     E102     * | DS          D090 -D091
DSC       E110 -E111     E117             | DS     M  D289
DS        E112                            | DS     M  D299
DSC       E113 -E116     E117             | DS          D300 -D309
DS        E117                    * | DS     M  D399
DSC       E118 -E119     E112     * | DS     M  D409
DSC       E120 -E121     E127             | DS          D410 -D419
DS        E122                            | DSC        E100 -E101     E107
DSC       E123 -E126     E127             | DS          E102
DS        E127                    * | DSC        E103 -E106     E107
DSC       E128 -E129     E122     * | DS          E107                    *
DSC       E130 -E131     E137             | DSC        E108 -E109     E102   *
DS        E132                            | DSC        E110 -E111     E117
DSC       E133 -E136     E137             | DS          E112
DS        E137                    * | DSC        E113 -E116     E117
DSC       E138 -E139     E132     * | DS          E117                    *
DSC       E140 -E141     E147             | DSC        E118 -E119     E112   *
DS        E142                            | DSC        E120 -E121     E127
DSC       E143 -E146     E147             | DS          E122
DS        E147                    * | DSC        E123 -E126     E127
DSC       E148 -E149     E142     * | DS          E127                    *
```

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        --- N040 -N048  ---          |       --- N049  ---
            CONTINUED                 |           CONTINUED
DSC         E128 -E129  E122  *  | DSC         E108 -E109  E102  *
DSC         E130 -E131  E137        | DSC         E110 -E111  E117
DS          E132                    | DS          E112
DSC         E133 -E136  E137        | DSC         E113 -E116  E117
DS          E137              *  | DS          E117              *
DSC         E138 -E139  E132  *  | DSC         E118 -E119  E112  *
DSC         E140 -E141  E147        | DSC         E120 -E121  E127
DS          E142                    | DS          E122
DSC         E143 -E146  E147        | DSC         E123 -E126  E127
DS          E147              *  | DS          E127              *
DSC         E148 -E149  E142  *  | DSC         E128 -E129  E122  *
DS          E850 -E858             | DSC         E130 -E131  E137
DSC         E859        E854       | DS          E132
DS          G002                    | DSC         E133 -E136  E137
DS          I301                    | DS          E137              *
DS          I330                    | DSC         E138 -E139  E132  *
DS          J020                    | DSC         E140 -E141  E147
DS          J030                    | DS          E142
DS          J13                     | DSC         E143 -E146  E147
DS          J153 -J154             | DS          E147              *
DS          M320 -M328             | DSC         E148 -E149  E142  *
DSC         R75         B238  *  | DS          E850 -E858
                                   | DSC         E859        E854
        --- N049  ---             | DS          G002
                                   | DS          I301
DS          A181                    | DS          I330
DS          A38                     | DS          J020
DS          A400 -A409             | DS          J030
DS    M     A410 -A419             | DS          J13
DS          A527                    | DS          J153 -J154
DSC         A94         A985       | DS          M320 -M328
DS          A985                    | SMP         N040 -N048
DSC         B24         B238       | DSC         R75         B238  *
DS          B268                    |
DS          B520                    |       --- N050  ---
DSC         B529        B520       |
DS          B650 -B659             | SMP    M    A181
DS          B780 -B789             | DS          A38
DS    M     C579                    | DS          A400 -A409
DS    M     C639                    | DS    M     A410 -A419
DS          C64  -C689             | SMP    M    A505
DS          C790 -C791             | SMP    M    A514
DS    M     C798                    | SMP    M    A527
DS    M     D073                    | SMP    M    A542
DS    M     D076                    | DS          A985
DS          D090 -D091             | DSC    M    B24         B201
DS    M     D289                    | DSC    M    B24         B208
DS    M     D299                    | DS          B268
DS          D300 -D309             | DS          B520
DS    M     D399                    | DSC         B529        B520
DS    M     D409                    | DS          B650 -B659
DS          D410 -D419             | DS          B780 -B789
DSC         E100 -E101  E107       | DS    M     C579
DS          E102                    | DS    M     C639
DSC         E103 -E106  E107       | DS          C64  -C689
DS          E107              *  | DS          C790 -C791
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          --- N050  ---          |          --- N050  ---
             CONTINUED           |             CONTINUED
DS      M  C798                  | SMP     M  N26
DS      M  D073                  | SMP     M  N288
DS      M  D076                  | DSC     M  R75              B201  *
DS         D090 -D091            | DSC     M  R75              B208  *
DS      M  D289                  |
DS      M  D299                  |        --- N051 -N058  ---
DS         D300 -D309            |
DS      M  D399                  | DS         A38
DS      M  D409                  | DS         A400 -A409
DS         D410 -D419            | DS      M  A410 -A419
DSC        E100 -E101   E107     | DS         A985
SMP     M  E102                  | DSC     M  B24              B201
DSC        E103 -E106   E107     | DSC     M  B24              B208
DS         E107             *    | DS         B268
DSC        E108 -E109   E102  *  | DS         B520
DSC        E110 -E111   E117     | DSC        B529             B520
SMP     M  E112                  | DS         B650 -B659
DSC        E113 -E116   E117     | DS         B780 -B789
DS         E117             *    | DS      M  C579
DSC        E118 -E119   E112  *  | DS      M  C639
DSC        E120 -E121   E127     | DS         C64  -C689
SMP     M  E122                  | DS         C790 -C791
DSC        E123 -E126   E127     | DS      M  C798
DS         E127             *    | DS      M  D073
DSC        E128 -E129   E122  *  | DS      M  D076
DSC        E130 -E131   E137     | DS         D090 -D091
SMP     M  E132                  | DS      M  D289
DSC        E133 -E136   E137     | DS      M  D299
DS         E137             *    | DS         D300 -D309
DSC        E138 -E139   E132  *  | DS      M  D399
DSC        E140 -E141   E147     | DS      M  D409
SMP     M  E142                  | DS         D410 -D419
DSC        E143 -E146   E147     | DSC        E100 -E101   E107
DS         E147             *    | DSC        E103 -E106   E107
DSC        E148 -E149   E142  *  | DS         E107             *
DS         E850 -E853            | DSC        E108 -E109   E102  *
SMP     M  E854                  | DSC        E110 -E111   E117
DS         E858                  | DSC        E113 -E116   E117
DSC        E859        E854      | DS         E117             *
DS         G002                  | DSC        E118 -E119   E112  *
SMP        I120 -I139            | DSC        E120 -E121   E127
DS         I301                  | DSC        E123 -E126   E127
DS         I330                  | DS         E127             *
DS         J020                  | DSC        E128 -E129   E122  *
DS         J030                  | DSC        E130 -E131   E137
DS         J13                   | DSC        E133 -E136   E137
DS         J153 -J154            | DS         E137             *
SMP     M  M103                  | DSC        E138 -E139   E132  *
SMP     M  M310                  | DSC        E140 -E141   E147
DS         M320 -M328            | DSC        E143 -E146   E147
SMP        N000 -N049            | DS         E147             *
SMP        N051 -N058            | DSC        E148 -E149   E142  *
SMP     M  N060 -N12             | DS         E850 -E853
SMP        N140 -N150            | DS         E858
SMP     M  N189                  | DSC        E859        E854
SMP        N209                  | DS         G002
```

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      --- N051 -N058  ---          |      --- N059  ---
            CONTINUED              |          CONTINUED
DS          I301                   | DSC       E128 -E129   E122   *
DS          I330                   | DSC       E130 -E131   E137
DS          J020                   | SMP    M  E132
DS          J030                   | DSC       E133 -E136   E137
DS          J13                    | DS        E137                *
DS          J153 -J154             | DSC       E138 -E139   E132   *
DS          M320 -M328             | DSC       E140 -E141   E147
DSC      M  R75           B201   * | SMP    M  E142
DSC      M  R75           B208   * | DSC       E143 -E146   E147
                                   | DS        E147                *
          --- N059  ---            | DSC       E148 -E149   E142   *
                                   | DS        E850 -E853
SMP      M  A181                   | SMP    M  E854
DS          A38                    | DS        E858
DS          A400 -A409             | DSC       E859         E854
DS       M  A410 -A419             | DS        G002
SMP      M  A505                   | SMP       I120 -I139
SMP      M  A514                   | DS        I301
SMP      M  A527                   | DS        I330
SMP      M  A542                   | DS        J020
DS          A985                   | DS        J030
DSC      M  B24           B201     | DS        J13
DSC      M  B24           B208     | DS        J153 -J154
DS          B268                   | SMP    M  M103
DS          B520                   | SMP    M  M310
DSC         B529         B520      | DS        M320 -M328
DS          B650 -B659             | SMP       N000 -N058
DS          B780 -B789             | SMP    M  N060 -N12
DS       M  C579                   | SMP       N140 -N150
DS       M  C639                   | SMP    M  N189
DS          C64  -C689             | SMP       N209
DS          C790 -C791             | SMP    M  N26
DS       M  C798                   | SMP    M  N288
DS       M  D073                   | DSC    M  R75           B201   *
DS       M  D076                   | DSC    M  R75           B208   *
DS          D090 -D091             |
DS       M  D289                   |      --- N060  ---
DS       M  D299                   |
DS          D300 -D309             | DS        A181
DS       M  D399                   | DS        A38
DS       M  D409                   | DS        A400 -A409
DS          D410 -D419             | DS     M  A410 -A419
DSC         E100 -E101   E107      | DS        A527
SMP      M  E102                   | DS        A985
DSC         E103 -E106   E107      | DSC       B24           B238
DS          E107                *  | DS        B268
DSC         E108 -E109   E102   *  | DS        B520
DSC         E110 -E111   E117      | DS        B650 -B659
SMP      M  E112                   | DS        B780 -B789
DSC         E113 -E116   E117      | DS     M  C579
DS          E117                *  | DS     M  C639
DSC         E118 -E119   E112   *  | DS        C64  -C689
DSC         E120 -E121   E127      | DS        C790 -C791
SMP      M  E122                   | DS     M  C798
DSC         E123 -E126   E127      | DS     M  D073
DS          E127                *  | DS     M  D076
```

```
        --- N060  ---          |      --- N061 -N068  ---
           CONTINUED           |         CONTINUED
DS         D090 -D091          | DS        E850 -E859
DS      M  D289                | DS        G002
DS      M  D299                | DS        I301
DS         D300 -D309          | DS        I330
DS      M  D399                | DS        J020
DS      M  D409                | DS        J030
DS         D410 -D419          | DS        J13
DS         E102                | DS        J153 -J154
DS      M  E107                | DS        M320 -M328
DS         E112                | DSC       R75            B238   *
DS      M  E117                |
DS         E122                |      --- N069  ---
DS      M  E127                |
DS         E132                | DS        A181
DS      M  E137                | DS        A38
DS         E142                | DS        A400 -A409
DS         E147                | DS     M  A410 -A419
DSC        R75        B238   * | DS        A527
                              | DS        A985
      --- N061 -N068  ---      | DSC       B24            B238
                              | DS        B268
DS         A181                | DS        B520
DS         A38                 | DS        B650 -B659
DS         A400 -A409          | DS        B780 -B789
DS      M  A410 -A419          | DS     M  C579
DS         A527                | DS     M  C639
DS         A985                | DS        C64  -C689
DSC        B24        B238     | DS        C790 -C791
DS         B268                | DS     M  C798
DS         B520                | DS     M  D073
DS         B650 -B659          | DS     M  D076
DS         B780 -B789          | DS        D090 -D091
DS      M  C579                | DS     M  D289
DS      M  C639                | DS     M  D299
DS         C64  -C689          | DS        D300 -D309
DS         C790 -C791          | DS     M  D399
DS      M  C798                | DS     M  D409
DS      M  D073                | DS        D410 -D419
DS      M  D076                | DS        E102
DS         D090 -D091          | DS     M  E107
DS      M  D289                | DS        E112
DS      M  D299                | DS     M  E117
DS         D300 -D309          | DS        E122
DS      M  D399                | DS     M  E127
DS      M  D409                | DS        E132
DS         D410 -D419          | DS     M  E137
DS         E102                | DS        E142
DS      M  E107                | DS     M  E147
DS         E112                | DS        E850 -E859
DS      M  E117                | DS        G002
DS         E122                | DS        I301
DS      M  E127                | DS        I330
DS         E132                | DS        J020
DS      M  E137                | DS        J030
DS         E142                | DS        J13
DS      M  E147                | DS        J153 -J154
```

```
        --- N069  ---        |      --- N118  ---
           CONTINUED         |         CONTINUED
DS         M320 -M328        | DS        D090 -D091
SMP        N060 -N068        | DS        D291
DSC        R75         B238 * | DS        D300 -D309
                             | DS        D400
        --- N079  ---        | DS        D410 -D419
                             | DS        G35  -G3500
SMP        N070 -N078        | DS        G810 -G825
                             | DS        G831
     --- N10  -N111  ---     | DS        G833 -G839
                             | LMC       N137         N110
DS     M   A181              | DS        N350 -N359
DSC    M   B24        B201   | DS        N40  -N429
DSC    M   B24        B208   | DS        N991
DS     M   B901             | DS        N995
DS         C61              | DS        Q069
DS         C64  -C689       | DS    M   Q554
DS         C790 -C791       | DS        Q600 -Q649
DS         C798            | DSC   M   R75         B201 *
DS         D075            | DSC   M   R75         B208 *
DS         D090 -D091      | DS        S140 -S142
DS         D291            | DS        T093
DS         D300 -D309      | DS        T096
DS         D400            | DS        T190 -T191
DS         D410 -D419      | DS        T198 -T199
DS         G35  -G3500     | DS        T913
DS         G810 -G825      | DS    M   T918
DS         G831           |
DS         G833 -G839     |      --- N119  ---
DS         N350 -N359     |
DS         N40  -N429     | DS    M   A181
DS         N991          | DSC   M   B24        B201
DS         N995          | DSC   M   B24        B208
DS         Q069          | DS    M   B901
DS     M   Q554          | DS        C61
DS         Q600 -Q649    | DS        C64  -C689
DSC    M   R75     B201 * | DS       C790 -C791
DSC    M   R75     B208 * | DS       C798
DS         S140 -S142    | DS        D075
DS         T093          | DS        D090 -D091
DS         T096          | DS        D291
DS         T190 -T191    | DS        D300 -D309
DS         T198 -T199    | DS        D400
DS         T913          | DS        D410 -D419
DS     M   T918          | DS        G35  -G3500
                         | DS        G810 -G825
        --- N118  ---    | DS        G831
                         | DS        G833 -G839
DS     M   A181          | SMP       N110 -N118
DSC    M   B24     B201  | LMC       N137         N110
DSC    M   B24     B208  | LMP       N209
DS     M   B901         | DS         N350 -N359
DS         C61         | DS         N40  -N429
DS         C64  -C689  | DS         N991
DS         C790 -C791  | DS         N995
DS         C798        | DS         Q069
DS         D075        | DS    M   Q554
```

```
        --- N119  ---          |          --- N12   ---
            CONTINUED          |              CONTINUED
DS          Q600 -Q649         | DS          Q600 -Q649
DSC     M   R75          B201 * | DSC     M   R75          B201 *
DSC     M   R75          B208 * | DSC     M   R75          B208 *
DS          S140 -S142         | DS          S140 -S142
DS          T093               | DS          T093
DS          T096               | DS          T096
DS          T190 -T191         | DS          T190 -T191
DS          T198 -T199         | DS          T198 -T199
DS          T913               | DS          T913
DS      M   T918               | DS      M   T918
                               |
        --- N12   ---          |          --- N130  ---
                               |
SMP     M   A022               | DSC         B24          B238
DSC         A029        A022   | LMC     M   B49          N136
DS      M   A181               | DS          C61
SMP     M   A230 -A239         | DS          C798
SMP     M   A368               | DS          D075
SMP     M   A527               | DS          D291
DSC     M   B24         B201   | DS          D400
DSC     M   B24         B208   | DS          N111
SMP     M   B588               | LMC         N159        N136
DSC         B589        B588   | DS          N200 -N219
DS      M   B901               | LMC     M   N288        N136
DS          C61                | DS          N40  -N429
DS          C64  -C689         | DS          Q620 -Q623
DS          C790 -C791         | DSC         R75          B238 *
DS          C798               | DS          S378
DS          D075               | DS      M   T915
DS          D090 -D091         |
DS          D291               |          --- N131 -N132  ---
DS          D300 -D309         |
DS          D400               | DSC         B24          B238
DS          D410 -D419         | LMC     M   B49          N136
SMP     M   D868               | DS          C61
SMP     M   D891               | DS          C798
SMP     M   E270               | DS          D075
SMP     M   E740               | DS          D291
SMP     M   E830               | DS          D400
DS          G35  -G3500        | DS          N111
DS          G810 -G825         | DS          N200 -N219
DS          G831               | DS          N40  -N429
DS          G833 -G839         | DS          Q620 -Q623
SMP     M   M350               | DSC         R75          B238 *
SMP     M   N10                | DS          S378
SMP     M   N119               | DS      M   T915
DSC         N135        N111   |
LMC         N137        N110   |          --- N133  ---
SMP     M   N209               |
LMC         N26         N119   | DSC         B24          B238
DS          N350 -N359         | LMC     M   B49          N136
DS          N40  -N429         | DS          C61
DS          N991               | DS          C798
DS          N995               | DS          D075
DS          Q069               | DS          D291
DS      M   Q554               | DS          D400
```

```
          --- N133  ---            |          --- N136  ---
              CONTINUED            |
DS            N111                 | DSC    M  B24              B201
DS            N130 -N132           | DSC    M  B24              B208
LMC      M  N135          N130     | DS        C61
LMC      M  N135          N131     | DS        C798
DS           N136                  | DS        D075
LMC      M  N159          N136     | DS        D291
LMC         N200 -N201   N132      | DS        D400
DSC         N202 -N209   N132      | DS        N111
DS          N210 -N219             | DS        N200 -N219
DS          N40  -N429             | DS        N40  -N429
DS          Q620 -Q623            *| DS        Q620 -Q623
DSC         R75          B238    * | DSC    M  R75              B201   *
DS          S378                   | DSC    M  R75              B208   *
DS       M  T915                   | DS        S378
                                   | DS     M  T915
          --- N134  ---            |
                                   |          --- N137  ---
DSC         B24          B238      |
LMC      M  B49          N136      | DSC       B24              B238
DS          C61                    | DS        C61
DS          C798                   | DS        C798
DS          D075                   | DS        D075
DS          D291                   | DS        D291
DS          D400                   | DS        D400
DS          N111                   | DS        N110 -N111
DS          N200 -N219             | DSC       N118             N110
DS          N40  -N429             | LMC       N119 -N12        N110
DS          Q620 -Q623             | DS        N200 -N219
DSC         R75          B238    * | DS        N40  -N429
DS          S378                   | DS        Q620 -Q623
DS       M  T915                   | DSC       R75              B238   *
                                   | DS        S378
          --- N135  ---            | DS     M  T915
                                   |
DSC         B24          B238      |          --- N138  ---
LMC      M  B49          N136      |
DS          C61                    | DSC       B24              B238
DS          C798                   | LMC    M  B49              N136
DS          D075                   | DS        C61
DS          D291                   | DS        C798
DS          D400                   | DS        D075
LMP         N111                   | DS        D291
LMC         N12          N111      | DS        D400
DS          N130 -N132             | DS        N111
LMC      M  N133         N130      | DS        N200 -N219
LMC      M  N133         N131      | DS        N40  -N429
DS          N136                   | DS        Q620 -Q623
LMC         N159         N136      | DSC       R75              B238   *
DS          N200 -N219             | DS        S378
DS          N40  -N429             | DS     M  T915
DS          Q620 -Q623             |
DSC         R75          B238    * |          --- N139  ---
DS          S378                   |
DS       M  T915                   | DSC       B24              B238
                                   | LMC    M  B49              N136
                                   | DS        C61
```

```
              --- N139  ---              |            --- N151   ---
                CONTINUED                |
DS            C798                        | DS       M  A181
DS            D075                        | DSC      M  B24               B201
DS            D291                        | DSC      M  B24               B208
DS            D400                        | DS       M  B901
DS            N111                        | DS          C61
SMP           N130 -N138                  | DS          C64  -C689
LMC           N159           N136         | DS          C790 -C791
DS            N200 -N219                  | DS          C798
LMC      M    N288           N136         | DS          D075
DS            N40  -N429                  | DS          D090 -D091
DS            Q620 -Q623                  | DS          D291
DSC           R75             B238   *    | DS          D300 -D309
DS            S378                        | DS          D400
DS       M    T915                        | DS          D410 -D419
                                         | DS          G35  -G3500
              --- N144  ---               | DS          G810 -G825
                                         | DS          G831
SMP           N140 -N143                  | DS          G833 -G839
                                         | LMP         N200
              --- N150  ---               | DS          N350 -N359
                                         | DS          N40  -N429
DS       M    A181                        | DS          N991
DSC           B24             B238        | DS          N995
DS       M    B901                        | DS          Q060 -Q069
DS            C61                         | DS       M  Q554
DS            C64  -C689                  | DS          Q600 -Q649
DS            C790 -C791                  | DSC      M  R75               B201   *
DS            C798                        | DSC      M  R75               B208   *
DS            D075                        | DS          S140 -S142
DS            D090 -D091                  | DS          T093 -T094
DS            D291                        | DS          T096
DS            D300 -D309                  | DS          T190 -T191
DS            D400                        | DS          T198 -T199
DS            D410 -D419                  | DS          T913
DS            G35  -G3500                 | DS       M  T918
DS            G810 -G825                  |
DS            G831                        |            --- N158   ---
DS            G833 -G839                  |
DS            N350 -N359                  | DS       M  A181
DS            N40  -N429                  | DSC      M  B24               B238
DS            N991                        | DS       M  B901
DS            N995                        | DS          C61
DS            Q060 -Q069                  | DS          C64  -C689
DS       M    Q554                        | DS          C790 -C791
DS            Q600 -Q649                  | DS          C798
DSC           R75             B238   *    | DS          D075
DS            S140 -S142                  | DS          D090 -D091
DS            T093 -T094                  | DS          D291
DS            T096                        | DS          D300 -D309
DS            T190 -T191                  | DS          D400
DS            T198 -T199                  | DS          D410 -D419
DS            T913                        | DS          G35  -G3500
DS       M    T918                        | DS          G810 -G825
                                         | DS          G831
                                          DS          G833 -G839
                                          DS          N350 -N359
                                         |
```

```
        --- N158  ---           |        --- N159  ---
            CONTINUED           |            CONTINUED
DS          N40  -N429          | DS          T198 -T199
DS          N991                | DS          T913
DS          N995                | DS      M   T918
DS          Q060 -Q069          |
DS      M   Q554                |        --- N170  ---
DS          Q600 -Q649          |
DSC     M   R75        B238   * | DS      M   A181
DS          S140 -S142          | DSC         B24          B238
DS          T093 -T094          | DS      M   B901
DS          T096                | DS          C61
DS          T190 -T191          | DS          C64  -C689
DS          T198 -T199          | DS          C790 -C791
DS          T913                | DS          C798
DS      M   T918                | DS          D075
                                | DS          D090 -D091
        --- N159  ---           | DS          D291
                                | DS          D300 -D309
DS      M   A181                | DS          D400
DSC     M   B24        B201     | DS          D410 -D419
DSC     M   B24        B208     | DS          D593
DSC     M   B24        B238     | DS          E102
DS          B588                | DS          E112
DSC         B589       B588     | DS          E122
DS      M   B901                | DS          E132
DS          C61                 | DS          E142
DS          C64  -C689          | DS          G35  -G3500
DS          C790 -C791          | DS          G810 -G825
DS          C798                | DS          G831
DS          D075                | DS          G833 -G839
DS          D090 -D091          | DS          N000 -N159          *
DS          D291                | DS          N180 -N189
DS          D300 -D309          | DS          N200 -N288
DS          D400                | DS          N300 -N398
DS          D410 -D419          | DS          N40  -N429
DS          G35  -G3500         | DS          N991
DS          G810 -G825          | DS          N995
DS          G831                | DS          Q060 -Q069
DS          G833 -G839          | DS      M   Q554
DSC         N130 -N135  N136    | DS          Q600 -Q649
DS          N136                | DS      M   R601
DSC         N139        N136    | DSC         R75          B238  *
SMP         N150 -N158          | DS          S140 -S142
DS          N350 -N359          | DS          S300 -S399
DS          N40  -N429          | DS          T041
DS          N991                | DS          T08
DS          N995                | DS          T093 -T094
DS          Q060 -Q069          | DS          T096
DS      M   Q554                | DS          T190 -T199
DS          Q600 -Q649          | DS          T283 -T284
DSC     M   R75        B201   * | DS          T288 -T289
DSC     M   R75        B208   * | DS          T913
DSC     M   R75        B238   * | DS          T915
DS          S140 -S142          | DS      M   T918
DS          T093 -T094          |
DS          T096                |
DS          T190 -T191          |
```

```
        --- N171 -N178  ---          |          --- N179  ---
                                     |                CONTINUED
DS     M  A181                       | DS           D075
DSC       B24             B238       | DS           D090 -D091
DS     M  B901                       | DS           D291
DS        C61                        | DS           D300 -D309
DS        C64   -C689                | DS           D400
DS        C790 -C791                 | DS           D410 -D419
DS        C798                       | DS           D593
DS        D075                       | DS           E102
DS        D090 -D091                 | DS           E112
DS        D291                       | DS           E122
DS        D300 -D309                 | DS           E132
DS        D400                       | DS           E142
DS        D410 -D419                 | DS           G35  -G3500
DS        D593                       | DS           G810 -G825
DS        E102                       | DS           G831
DS        E112                       | DS           G833 -G839
DS        E122                       | DS           N000 -N159        *
DS        E132                       | LMP          N170 -N178
DS        E142                       | DS           N180 -N189
DS        G35   -G3500               | DS           N200 -N288
DS        G810 -G825                 | DS           N300 -N398
DS        G831                       | DS           N40  -N429
DS        G833 -G839                 | DS           N991
DS        N000 -N159        * |      | DS           N995
DS        N180 -N189                 | DS           Q060 -Q069
DS        N200 -N288                 | DS        M  Q554
DS        N300 -N398                 | DS           Q600 -Q649
DS        N40   -N429                | DS        M  R601
DS        N991                       | DSC          R75            B238  *
DS        N995                       | DS           S140 -S142
DS        Q060 -Q069                 | DS           S300 -S399
DS     M  Q554                       | DS           T041
DS        Q600 -Q649                 | DS           T08
DS     M  R601                       | DS           T093 -T094
DSC       R75            B238  * |    | DS          T096
DS        S140 -S142                 | DS           T190 -T199
DS        S300 -S399                 | DS           T283 -T284
DS        T041                       | DS           T288 -T289
DS        T08                        | DS           T913
DS        T093 -T094                 | DS           T915
DS        T096                       |
DS        T190 -T199                 |       --- N180 -N188  ---
DS        T283 -T284                 |
DS        T288 -T289                 | DS        M  A181
DS        T913                       | DSC       M  B24            B238
DS        T915                       | DS        M  B901
                                     | DS           C61
         --- N179  ---               | DS           C64  -C689
                                     | DS           C790 -C791
DS     M  A181                       | DS           C798
DSC       B24            B238        | DS           D075
DS     M  B901                       | DS           D090 -D091
DS        C61                        | DS           D291
DS        C64   -C689                | DS           D300 -D309
DS        C790 -C791                 | DS           D400
DS        C798                       | DS           D410 -D419
```

```
        --- N180 -N188  ---            |        --- N189  ---
              CONTINUED                |             CONTINUED
DS           D593                      | DSC         I139            I131
DS           E102                      | SMP         N180 -N188
DS           E112                      | DS          N40
DS           E122                      | DS      M   R601
DS           E132                      | DSC     M   R75             B238  *
DS           E142                      |
DS           E748                      |        --- N19   ---
DS           G35  -G3500              |
DS           G810 -G825              | DS      M   A181
DS           G831                      | DSC         B24             B238
DS           G833 -G839              | DS      M   B901
LMC          I10              I120    | DS          C61
LMC          I110             I132    | DS          C64  -C689
LMC          I119             I131    | DS          C790 -C791
LMP          I120                      | DS          C798
LMC          I129             I120    | DS          D075
DSC          I130             I132    | DS          D090 -D091
SMP          I131 -I132              | DS          D291
DSC          I139             I131    | DS          D300 -D309
DS           N40                       | DS          D400
DS       M   R601                      | DS          D410 -D419
DSC      M   R75             B238  * | DS          D593
                                       | DS          E102
        --- N189  ---                 | DS          E112
                                       | DS          E122
DS       M   A181                      | DS          E132
DSC      M   B24             B238      | DS          E142
DS       M   B901                      | DS          E748
DS           C61                       | SDC     M   F03             N188
DS           C64  -C689              | DS          G35  -G3500
DS           C790 -C791              | SDC     M   G629            N188
DS           C798                      | DS          G810 -G825
DS           D075                      | DS          G831
DS           D090 -D091              | DS          G833 -G838
DS           D291                      | LMC         G839            N188
DS           D300 -D309              | LMC         I10             I120
DS           D400                      | LMC         I110            I132
DS           D410 -D419              | LMC         I119            I131
DS           D593                      | LMP         I120
DS           E102                      | LMC         I129            I120
DS           E112                      | SMP         I131 -I132
DS           E122                      | DSC         I139            I131
DS           E132                      | SDC     M   I319            N188
DS           E142                      | SDC     M   I64             N188
DS           E748                      | DS          N000 -N159              *
DS           G35  -G3500              | LMP         N170
DS           G810 -G825              | SMP         N171 -N189
DS           G831                      | DS          N200 -N288
DS           G833 -G839              | DS          N300 -N398
LMC          I10              I120    | DS          N40  -N429
LMC          I110             I132    | DS          N991
LMC          I119             I131    | DS          N995
LMP          I120                      | DS          Q060 -Q069
LMC          I129             I120    | DS      M   Q554
DSC          I130             I132    | DS          Q600 -Q649
SMP          I131 -I132              | DS      M   R601
```

```
            --- N19    ---           |         --- N219   ---
              CONTINUED              |
DSC         R75          B238   * |  DSC         B24           B238
DS          S140 -S142             |  DS      M  M100
DS          S300 -S399             |  DSC        M109          M100
DS          T041                   |  SMP        N210 -N218
DS          T08                    |  DSC        R75           B238   *
DS          T093 -T094             |
DS          T096                   |         --- N23    ---
DS          T190 -T199             |
DS          T283 -T284             |  DSC        B24           B238
DS          T288 -T289             |  DSC        R75           B238   *
                                   |
            --- N200   ---          |         --- N258   ---
                                   |
DSC         B24          B238      |  DSC        B24           B238
DS      M   M100                   |  DSC        R75           B238   *
DSC         M109         M100      |
DS          N132                   |         --- N259   ---
LMC         N133         N132      |
LMC         N201         N202      |  DSC        B24           B238
DS          N202                   |  SMP        N250 -N258
DSC         R75          B238   *  |  DSC        R75           B238   *
                                   |
            --- N201   ---          |         --- N26    ---
                                   |
DSC         B24          B238      |  DSC        B24           B238
DS          M100                   |  DSC        E100 -E101    E107
DSC         M109         M100      |  DSC        E103 -E106    E107
DS          N132                   |  DSC        E109          E102
LMC         N133         N132      |  DSC        E110 -E111    E117
LMC         N200         N202      |  DS         E112
DS          N202                   |  DSC        E113 -E116    E117
DSC         R75          B238   *  |  DS      M  E117
                                   |  DSC        E119          E112
            --- N202   ---          |  DSC        E120 -E121    E127
                                   |  DS         E122
DSC         B24          B238      |  DSC        E123 -E126    E127
DS      M   M100                   |  DS      M  E127
DSC         M109         M100      |  DSC        E129          E122
DS          N132                   |  DSC        E130 -E131    E137
LMC         N133         N132      |  DS         E132
DSC         R75          B238   *  |  DSC        E133 -E136    E137
                                   |  DS      M  E137
            --- N209   ---          |  DSC        E139          E132
                                   |  DSC        E140 -E141    E147
DSC         B24          B238      |  DS         E142
DS          N132                   |  DSC        E143 -E146    E147
LMC         N133         N132      |  DS      M  E147
SMP         N200 -N202             |  DSC        E149          E142
DSC         R75          B238   *  |  LMC        I10           I129
                                   |  LMC        I110          I130
        --- N210 -N218   ---        |  LMC        I119          I139
                                   |  LMP        I120 -I129
DSC         B24          B238      |  SMP        I130 -I139
DS      M   M100                   |  DS      M  N119
DSC         M109         M100      |  LMC        N12           N119
DSC         R75          B238   *  |  DSC        R75           B238   *
```

```
          --- N279  ---            |          --- N288  ---
                                   |                CONTINUED
SMP         N270 -N271             | DS          E112
                                   | DS       M  E117
            --- N280  ---          | DS          E122
                                   | DS       M  E127
DS       M  A181                   | DS          E132
DS       M  A527                   | DS       M  E137
DS          A540 -A542             | DS          E142
DSC         B24          B238      | DS       M  E147
DS       M  B901                   | DS          E748
DS          C61                    | DS          E850 -E858
DS          C64  -C689             | DSC      M  E859          E854
DS          C790 -C791             | DS          M100
DS          C798                   | DS          M320 -M328
DS          D075                   | DSC      M  N130 -N135    N136
DS          D090 -D091             | LMP         N135
DS          D291                   | DS          N136
DS          D300 -D309             | DSC      M  N139          N136
DS          D400                   | DSC      M  R75           B201    *
DS          D410 -D419             | DSC      M  R75           B208    *
DS          E102                   | DSC      M  R75           B238    *
DS          E112                   |
DS          E122                   |          --- N289  ---
DS          E132                   |
DS          E142                   | SMP      M  A022
DS          E748                   | SMP      M  A181
DS          E850 -E859             | SMP      M  A230 -A239
DS          M100                   | SMP      M  A368
DS          M320 -M328             | SMP      M  A505
DSC         R75          B238   *  | SMP      M  A514
                                   | SMP      M  A527
           --- N281  ---           | DS          A540 -A541
                                   | SMP      M  A542
DSC         B24          B238      | DSC         B24          B238
DSC         R75          B238   *  | SMP      M  B588
                                   | DS       M  B901
           --- N288  ---           | DS          C61
                                   | SMP         C64  -C66
DS       M  A181                   | DS          C670 -C689
DS       M  A527                   | SMP         C790
DS          A540 -A542             | SMP      M  C791
DSC      M  B24          B201      | DS          C798
DSC      M  B24          B208      | DS          D075
DSC      M  B24          B238      | DS          D090 -D091
DS       M  B901                   | DS          D291
DS          C61                    | SMP         D300 -D302
DS          C64  -C689             | DS          D303 -D309
DS          C790 -C791             | DS          D400
DS          C798                   | SMP         D410 -D412
DS          D075                   | DS          D413 -D419
DS          D090 -D091             | SMP      M  D868
DS          D291                   | SMP      M  D891
DS          D300 -D309             | DSC         E100 -E101    E107
DS          D400                   | SMP         E102
DS          D410 -D419             | DSC         E103 -E106    E107
DS          E102                   | DS       M  E107
DS       M  E107                   | DSC         E109          E102
```

```
            --- N289  ---            |         --- N300  ---
              CONTINUED              |           CONTINUED
DSC          E110 -E111   E117       | DS          N420 -N429
SMP          E112                    | DS          N700 -N768
DSC          E113 -E116   E117       | DS          N810 -N829
DS     M     E117                    | DSC    M    R75          B201  *
DSC          E119         E112       | DSC    M    R75          B208  *
DSC          E120 -E121   E127       |
SMP          E122                    |         --- N301 -N303  ---
DSC          E123 -E126   E127       |
DS     M     E127                    | DS          A181
DSC          E129         E122       | DS          A540 -A542
DSC          E130 -E131   E137       | DSC    M    B24          B201
SMP          E132                    | DSC    M    B24          B208
DSC          E133 -E136   E137       | DS     M    B901
DS     M     E137                    | DS          C510 -C689
DSC          E139         E132       | DS          C790 -C791
DSC          E140 -E141   E147       | DS          C796
SMP          E142                    | DS     M    C798
DSC          E143 -E146   E147       | DS          D060 -D091
DS     M     E147                    | DS          D250 -D309
DSC          E149         E142       | DS          D390 -D419
SMP    M     E270                    | DS          N40
SMP    M     E740                    | LMC         N410 -N412   N413
DS           E748                    | DS          N413 -N418
SMP    M     E830                    | LMC         N419         N413
DS           E850 -E853              | DS          N420 -N429
SMP    M     E854                    | DS          N700 -N768
DS           E858 -E859              | DS          N810 -N829
DS           M100                    | DS     M    N995 -N999
SMP    M     M103                    | DSC    M    R75          B201  *
SMP    M     M310                    | DSC    M    R75          B208  *
DS           M320 -M328              |
SMP    M     M350                    |         --- N308  ---
SMP          N000 -N119              |
LMP          N12                     | DS          A181
SMP          N130 -N288              | DS          A540 -A542
SMP          Q600 -Q639              | DSC    M    B24          B201
DSC          R75          B238  *    | DSC    M    B24          B208
                                     | DS     M    B901
            --- N300  ---            | DS          C510 -C689
                                     | DS          C790 -C791
DS           A181                    | DS          C796
DS           A540 -A542              | DS     M    C798
DSC    M     B24          B201       | DS          D060 -D091
DSC    M     B24          B208       | DS          D250 -D309
DS           B901                    | DS          D390 -D419
DS           C510 -C689              | DS          N40
DS           C790 -C791              | LMC         N410 -N412   N413
DS           C796                    | DS          N413 -N418
DS     M     C798                    | LMC         N419         N413
DS           D060 -D091              | DS          N420 -N429
DS           D250 -D309              | DS          N700 -N768
DS           D390 -D419              | DS          N810 -N829
DS           N40                     | DS     M    N995 -N999
LMC          N410 -N412   N413       | DSC    M    R75          B201  *
DS           N413 -N418              | DSC    M    R75          B208  *
LMC          N419         N413       |
```

```
        --- N309  ---              |         --- N321  ---
                                   |            CONTINUED
DS          A181                   | DS          C785
DS          A540 -A542             | DS          C791
DSC    M  B24             B201     | DS          D090
DSC    M  B24             B208     | DS          D104
DS     M  B901                     | DS          D139
DS          C510 -C689             | DS          D303
DS          C790 -C791             | DS          D377
DS          C796                   | DS          D414
DS     M  C798                     |
DS          D060 -D091             |         --- N322  ---
DS          D250 -D309             |
DS          D390 -D419             | DS     M  A181
SMP         N300 -N308             | DS          B650
DS          N40                    | DS          C670 -C679
LMC         N410 -N412   N413      | DS          C791
DS          N413 -N418             | DS          D090
LMC         N419         N413      | DS          D303
DS          N420 -N429             | DS          D400
DS          N700 -N768             | DS          D414
DS          N810 -N829             | DS          N40
DS     M  N995 -N999               | DS          Q643
DSC    M  R75            B201  * | DS          Q645
DSC    M  R75            B208  * |
                                   |         --- N323  ---
       --- N310 -N318  ---         |
                                   | DS     M  A181
DSC         B24          B238      | DSC         B24             B238
DSC         R75          B238  * | DS          B650
                                   | DS          C670 -C679
        --- N319  ---              | DS          C791
                                   | DS          D090
DSC         B24          B238      | DS          D303
SMP         N310 -N318             | DS          D400
DSC         R75          B238  * | DS          D414
                                   | DS          N40
        --- N320  ---              | DS          Q643
                                   | DS          Q645
DSC         B24          B238      | DSC         R75             B238  *
DS          C61                    |
DS          C670 -C679             |         --- N324  ---
DS          C791                   |
DS     M  C798                     | DSC         B24             B238
DS          D075                   | DSC         R75             B238  *
DS          D090                   |
DS          D291                   |         --- N328  ---
DS          D303                   |
DS          D400                   | DSC         B24             B238
DS          D414                   | DS     M  C61
DS          N40                    | DS     M  C670 -C679
DS          Q640 -Q647             | DS     M  C791
DSC         R75          B238  * | DS     M  C798
                                   | DS     M  D075
        --- N321  ---              | DS     M  D090
                                   | DS     M  D291
DS          C260                   | DS     M  D303
DS          C670 -C679             | DS     M  D400
```

TABLE E
MODIFICATION: SELECTION RULE 3, MODIFICATION RULES A, C, AND D

```
        --- N328  ---          |          --- N343  ---
           CONTINUED           |             CONTINUED
DS     M  D414                 | DSC          R75           B238  *
DS     M  N000 -N324           |
DS     M  N40                  |          --- N350  ---
DS     M  Q640 -Q647           |
DSC       R75          B238  * | DS     M  S357 -S359
                               | DS       S370 -S379
        --- N329  ---          | DS     M  S390 -S397
                               | DS       T190
SMP    M  A181                 | DS     M  T288
SMP    M  A368                 | DS     M  T915 -T918
SMP    M  A527                 |
SMP    M  A540                 |          --- N358  ---
SMP    M  A560                 |
SMP    M  A590                 | DSC       B24           B238
DSC       B24          B238    | DSC       R75           B238  *
SMP    M  B650 -B659           |
DS        C61                  |          --- N359  ---
SMP       C670 -C679           |
SMP    M  C791                 | DSC       B24           B238
DS     M  C798                 | SMP       N350 -N358
DS        D075                 | DSC       R75           B238  *
SMP       D090                 |
DS        D291                 |       --- N361 -N368  ---
SMP       D303                 |
DS        D400                 | DSC       B24           B238
SMP       D414                 | DSC       R75           B238  *
SMP       N210                 |
SMP       N300 -N328           |          --- N369  ---
DS        N40                  |
DS        Q554                 | SMP    M  A540 -A541
SMP       Q641                 | SMP    M  A560
SMP    M  Q643                 | SMP    M  A590
SMP    M  Q645 -Q648           | SMP    M  A64
DSC       R75          B238  * | DSC       B24           B238
                               | SMP    M  B374
      --- N340 -N341  ---      | SMP       C680
                               | SMP    M  C791
DSC    M  B24          B201    | SMP    M  D091
DSC    M  B24          B208    | SMP       D304
DSC    M  R75          B201  * | SMP       D413
DSC    M  R75          B208  * | SMP    M  M023
                               | SMP       N211
        --- N342  ---          | SMP       N340 -N368
                               | SMP       N810 -N811
DSC    M  B24          B201    | SMP       Q642 -Q643
DSC    M  B24          B208    | SMP    M  Q645
DS        N303                 | SMP    M  Q647 -Q648
SMP       N341                 | DSC       R75           B238  *
DSC    M  R75          B201  * |
DSC    M  R75          B208  * |          --- N390  ---
                               |
        --- N343  ---          | DS        A181
                               | DS        A514
DSC       B24          B238    | DS        A527
DS        N303                 | DS        A542
SMP       N340 -N342           | DS        A561
```

```
           --- N390  ---            |         --- N398  ---
             CONTINUED              |           CONTINUED
DS           A600                   | DS      M  C798
DSC     M    B24          B201      | DS      M  D060 -D091
DSC     M    B24          B208      | DS      M  D250 -D309
DS           B373                   | DS      M  D390 -D419
DS           B650                   | DS      M  M352
DS           B80                    | DS      M  N130 -N133
DS           C510 -C689             | DS      M  N200 -N219
DS           C790 -C791             | DS      M  N40  -N429
DS           C796                   | DS      M  N700 -N739
DS      M    C798                   | DS      M  N810 -N829
DS           C810 -C969             | DS      M  Q600 -Q649
DS           D060 -D091             | DSC        R75          B238  *
DS           D250 -D309             |
DS           D390 -D419             |         --- N399  ---
DS           M352                   |
SMP          N10  -N12              | DSC        B24          B238
DS           N130 -N133             | SMP        C64  -C689
DS           N200 -N219             | SMP        C790 -C791
SMP          N300 -N309             | SMP        D090 -D091
DS           N40  -N429             | SMP        D300 -D309
DS           N700 -N739             | SMP        D410 -D419
DS           N810 -N829             | SMP        N000 -N398
DS           Q600 -Q649             | DSC        R75          B238  *
DSC     M    R75          B201  * |
DSC     M    R75          B208  * |     --- N410 -N412   ---
                                    |
      --- N391 -N392  ---           | DSC     M  B24          B201
                                    | LMC        N300 -N303   N413
DSC          B24          B238      | LMC        N308 -N309   N413
DS           C900 -C902             | DSC     M  R75          B201  *
DS           N000 -N289             |
DSC          R75          B238  * |     --- N413 -N418   ---
                                    |
         --- N393  ---              | DSC     M  B24          B201
                                    | DSC     M  R75          B201  *
DS           N700 -N909             |
                                    |         --- N419  ---
         --- N394  ---              |
                                    | SMP     M  A181
DS           A181                   | SMP     M  A542
DS           A600                   | SMP     M  A590
DSC          B24          B238      | DSC     M  B24          B201
DS           B373                   | LMC        N300 -N303   N413
DS      M    B80                    | LMC        N308 -N309   N413
DS           M352                   | SMP        N410 -N418
DS           N40  -N429             | DSC     M  R75          B201  *
DS           N700 -N909             |
DSC          R75          B238  * |         --- N420  ---
                                    |
         --- N398  ---              | DSC        B24          B238
                                    | DSC        R75          B238  *
DSC          B24          B238      |
DS      M    B650                   |         --- N421  ---
DS      M    C510 -C689             |
DS      M    C790 -C791             | DSC        B24          B238
DS      M    C796                   | DS         C61
```

```
        --- N421  ---          |        --- N459  ---
           CONTINUED           |           CONTINUED
DS    M  C798                  | SMP         B260
DS       D075                  | LMP         N450
DS       D291                  | DSC    M  R75          B201  *
DS       D400                  |
DSC      R75          B238  *  |        --- N480  ---
                              |
      --- N422 -N428  ---       | DSC         B24          B238
                              | DS          C600 -C609
DSC      B24          B238     | DS    M  C798
DSC      R75          B238  *  | DS         D074
                              | DS         D290
        --- N429  ---          | DS    M  D407
                              | DSC         R75          B238  *
DSC      B24          B238     |
SMP      C61                   |        --- N481  ---
SMP   M  C798                  |
SMP      D075                  | SMP   M  A068
SMP      D291                  | SMP   M  A540
SMP      D400                  | SMP   M  A57
SMP      N410 -N428            | SMP   M  A638 -A64
SMP      Q554                  | DSC   M  B24          B201
DSC      R75          B238  *  | SMP   M  B374
                              | DSC   M  R75          B201  *
        --- N430  ---          |
                              |        --- N482  ---
DSC      B24          B238     |
DSC      R75          B238  *  | DSC   M  B24          B201
                              | DSC   M  R75          B201  *
        --- N432  ---          |
                              |       --- N483 -N484  ---
DSC      B24          B238     |
DSC      R75          B238  *  | DS         N40  -N429
                              | DS         N450 -N459
        --- N433  ---          |
                              |        --- N485  ---
DSC      B24          B238     |
SMP      N430 -N432           | DSC         B24          B238
DSC      R75          B238  *  | DS          C600 -C609
                              | DS    M  C798
     --- N434 -N44   ---        | DS         D074
                              | DS         D290
DSC      B24          B238     | DS    M  D407
DSC      R75          B238  *  | DSC         R75          B238  *
                              |
        --- N450  ---          |        --- N486  ---
                              |
DSC   M  B24          B201     | DSC         B24          B238
DSC   M  R75          B201  *  | DSC         R75          B238  *
                              |
        --- N459  ---          |        --- N488  ---
                              |
SMP   M  A181                  | DSC         B24          B238
SMP   M  A527                  | DS          C600 -C609
SMP   M  A542                  | DS    M  C798
SMP   M  A561                  | DS         D074
DSC   M  B24          B201     | DS         D290
```

```
          --- N488  ---         |        --- N498  ---
            CONTINUED           |          CONTINUED
DS     M  D407                  | DSC    M  E140 -E144   E147
DS        N410 -N419            | DS     M  E145                    *
DSC       R75          B238  * | DSC    M  E146          E147
                                | DS     M  E147                    *
          --- N489  ---         | DSC    M  E148 -E149   E145
                                | DSC    M  R75          B201    *
DSC       B24          B238     |
SMP       C600 -C609            |        --- N499  ---
SMP    M  C798                  |
SMP       D074                  | DSC    M  B24          B201
SMP       D290                  | SMP       N490 -N498
SMP    M  D407                  | DSC    M  R75          B201    *
SMP       N480 -N488            |
SMP       Q555 -Q556            |     --- N500 -N501   ---
DSC       R75          B238  * |
                                | DSC       B24          B238
          --- N490  ---         | DSC       R75          B238    *
                                |
SMP    M  A068                  |        --- N508  ---
SMP    M  A181                  |
SMP    M  A542                  | DSC       B24          B238
SMP    M  A590                  | DS        C620 -C629
DSC    M  B24          B201     | DS     M  C630 -C639
SMP       D291                  | DS     M  C763
SMP       D400                  | DS     M  C798
SMP       Q554                  | DS     M  D076
DSC    M  R75          B201  * | DS     M  D097
                                | DS        D292 -D294
     --- N491 -N492   ---        | DS     M  D297
                                | DS     M  D367
DSC    M  B24          B201     | DS        D401
DSC    M  R75          B201  * | DS     M  D407
                                | DS     M  D487
          --- N498  ---         | DS     M  N430 -N459
                                | DS     M  N490 -N499
DSC    M  B24          B201     | DS     M  Q530 -Q539
DSC    M  E100 -E104   E107     | DSC       R75          B238    *
DS     M  E105                * |
DSC    M  E106          E107     |        --- N509  ---
DS     M  E107                * |
DSC    M  E108 -E109   E105     | DSC       B24          B238
DSC    M  E110 -E114   E117     | SMP    M  C600 -C639
DS     M  E115                * | SMP    M  C798
DSC    M  E116          E117     | SMP    M  D074 -D076
DS     M  E117                * | SMP    M  D290 -D299
DSC    M  E118 -E119   E115     | SMP    M  D400 -D409
DSC    M  E120 -E124   E127     | SMP       N40  -N508
DS     M  E125                * | SMP    M  Q530 -Q559
DSC    M  E126          E127     | SMP       Q561
DS     M  E127                * | DSC       R75          B238    *
DSC    M  E128 -E129   E125     |
DSC    M  E130 -E134   E137     |        --- N609  ---
DS     M  E135                * |
DSC    M  E136          E137     | SMP       N600 -N608
DS     M  E137                * |
DSC    M  E138 -E139   E135     |
```

MODIFICATION: SELECTION RULE 3, MODIFICATION RULES A, C, AND D

```
        --- N641 -N644  ---      |      --- N730 -N731  ---
                                 |
DSC         B24         B238     | DSC    M  B24         B208
DSC         R75         B238  *  | DSC    M  R75         B208  *
                                 |
          --- N645  ---          |       --- N732  ---
                                 |
DS          C500 -C509           | DSC    M  B24         B208
DS      M   C798                 | SMP       N730 -N731
DS          D050 -D059           | DSC    M  R75         B208  *
DS          D24                  |
DS          D486                 |       --- N733  ---
                                 |
          --- N649  ---          | DSC    M  B24         B208
                                 | DS        C160 -C269
SMP         N600 -N648           | DS        C762
                                 | DS     M  C784 -C788
        --- N700 -N701  ---      | DS        D002 -D019
                                 | DS        N700 -N709
DSC     M   B24         B208     | DS        N730 -N732
DSC     M   R75         B208  *  | DS        N734
                                 | DS        N736 -N738
          --- N709  ---          | DS        N820 -N829
                                 | DSC    M  R75         B208  *
SMP     M   A181                 |
SMP     M   A542                 |       --- N734  ---
SMP     M   A561                 |
DSC     M   B24         B208     | DSC    M  B24         B208
SMP         N700 -N701           | DSC    M  R75         B208  *
DSC     M   R75         B208  *  |
                                 |       --- N735  ---
        --- N710 -N711  ---      |
                                 | DSC    M  B24         B208
DSC     M   B24         B208     | DS        C160 -C269
DSC     M   R75         B208  *  | DS        C762
                                 | DS     M  C784 -C788
          --- N719  ---          | DS        D002 -D019
                                 | DS        N700 -N709
SMP     M   A181                 | DS        N730 -N732
SMP     M   A542                 | SMP       N733 -N734
SMP     M   A561                 | DS        N736 -N738
DSC     M   B24         B208     | DS        N820 -N829
SMP         N710 -N711           | DSC    M  R75         B208  *
DSC     M   R75         B208  *  |
                                 |      --- N736 -N738  ---
          --- N72  ---           |
                                 | DSC    M  B24         B208
SMP     M   A181                 | DSC    M  R75         B208  *
SMP     M   A527                 |
SMP     M   A540                 |       --- N739  ---
SMP     M   A560                 |
SMP     M   A590                 | DSC    M  B24         B208
SMP     M   A600                 | SMP       N730 -N738
DSC     M   B24         B208     | DSC    M  R75         B208  *
DSC     M   R75         B208  *  |
                                 |       --- N750  ---
                                 |
                                 | DSC    M  B24         B208
```

```
          --- N750  ---          |      --- N763 -N768  ---
             CONTINUED           |
DSC    M  R75           B208  * | DSC    M  B24           B208
                                 | DSC    M  R75           B208  *
          --- N751  ---          |
                                 |          --- N809  ---
DSC       A540          A541     |
DSC    M  B24           B208     | SMP       N800 -N808
DSC    M  R75           B208  * |
                                 |          --- N810  ---
          --- N758  ---          |
                                 | LMP       N811 -N814
DSC    M  B24           B208     |
DSC    M  R75           B208  * |      --- N811  ---
                                 |
          --- N759  ---          | LMP       N813 -N814
                                 |
DSC    M  B24           B208     |      --- N816  ---
SMP       N750 -N758             |
DSC    M  R75           B208  * | LMP       N812 -N814
                                 |
          --- N760  ---          |      --- N819  ---
                                 |
SMP    M  A068                   | SMP       N810 -N818
SMP    M  A181                   |
SMP    M  A510                   |      --- N820  ---
SMP    M  A527                   |
SMP    M  A540                   | DS        C510 -C58
SMP    M  A560                   | DS        C796
SMP    M  A590                   | DS     M  C798
SMP    M  A600                   |
SMP    M  A64                    |      --- N829  ---
DSC    M  B24           B208     |
SMP    M  B373                   | SMP       N820 -N828
SMP    M  B80                    |
SMP    M  N761                   |      --- N831  ---
SMP    M  N952                   |
DSC    M  R75           B208  * | DS     M  C56  -C579
                                 | DS     M  C796
          --- N761  ---          | DS     M  C798
                                 | DS     M  D073
DSC    M  B24           B208     | DS     M  D27
DSC    M  R75           B208  * | DS     M  D282 -D287
                                 | DS     M  D391 -D397
          --- N762  ---          | DS     M  N700 -N739
                                 | DS     M  N830
SMP    M  A181                   | DS     M  N832 -N838
SMP    M  A510                   | DS     M  Q500 -Q506
SMP    M  A527                   |
SMP    M  A540 -A541             |      --- N833 -N835  ---
SMP    M  A560                   |
SMP    M  A57                    | DSC       B24           B238
SMP    M  A590                   | DSC       R75           B238  *
DSC    M  B24           B208     |
SMP    M  B373                   |          --- N836  ---
SMP    M  N763                   |
SMP    M  N904                   | DSC       B24           B238
DSC    M  R75           B208  * | LMP       N897
```

```
        --- N836  ---        |        --- N880   ---
          CONTINUED          |
DSC       R75        B238  * | DS          C530 -C55
                            | DS       M  C798
        --- N839  ---        | DS          D060 -D069
                            | DS          D260 -D269
DSC       B24        B238    | DS          D390
SMP    M  C56   -C570        |
SMP    M  C796               |        --- N888   ---
SMP    M  C798               |
SMP    M  D073               | DS       M  C510 -C58
SMP    M  D27                | DS       M  C796
SMP    M  D282               | DS       M  C798
SMP    M  D391               | DS       M  D060 -D073
SMP    M  D397               | DS       M  D250 -D289
SMP       N830 -N838         | DS       M  D390 -D399
SMP    M  Q500 -Q504         | DS       M  N700 -N884
SMP    M  Q506               | DS       M  N910 -N959
DSC       R75        B238  * |
                            |        --- N889   ---
        --- N849  ---        |
                            | SMP         C530 -C549
SMP       N840 -N848         | SMP      M  C798
                            | SMP         D060 -D069
        --- N857  ---        | SMP      M  D073
                            | SMP         D250 -D261
DS        C510 -C58          | SMP         D390
DS        C763               | SMP         N880 -N888
DS        C796               | SMP         Q510 -Q519
DS     M  C798               |
DS        D060 -D073         |        --- N894   ---
DS     M  D097               |
DS        D250 -D289         | DS          C52
DS     M  D367               | DS       M  C798
DS        D390 -D399         | DS          D072
DS     M  D487               | DS          D281
DS        N700 -N856         | DS          D397
DS        N858               |
DS        N86  -N889         |        --- N899   ---
LMP       N897               |
DS        Q500 -Q519         | DS       M  C510 -C519
                            | SMP         C52
        --- N859  ---        | DS       M  C530 -C58
                            | DS       M  C763
SMP       C530 -C55          | DS       M  C796
SMP    M  C798               | SMP      M  C798
SMP       D060 -D069         | DS       M  D060 -D071
SMP    M  D070               | SMP         D072
SMP    M  D073               | DS       M  D073
SMP       D250 -D269         | DS       M  D097
SMP       D390               | DS       M  D250 -D280
SMP       N850 -N858         | SMP         D281
SMP       Q510 -Q519         | DS       M  D282 -D289
                            | DS       M  D367
        --- N879  ---        | DS       M  D390 -D392
                            | SMP      M  D397
SMP       N870 -N872         | DS       M  D399
                            | DS       M  D487
```

```
        --- N899  ---          |        --- N939  ---
          CONTINUED            |
DS     M  N700 -N889           | SMP        N930 -N938
SMP       N890 -N898           |
DS     M  N910 -N959           |    --- N940 -N941  ---
DS     M  Q500 -Q519           |
SMP       Q520 -Q524           | DS         N700 -N909
DS     M  Q525 -Q529           |
                               |        --- N946  ---
        --- N904  ---          |
                               | DS         N700 -N909
DS        C510 -C519           |
DS     M  C798                 |        --- N948  ---
DS        D071                 |
DS        D280                 | DS      M  C510 -C58
DS     M  D397                 | DS      M  C763
                               | DS      M  C796
        --- N909  ---          | DS      M  C798
                               | DS      M  D060 -D073
SMP       C510 -C519           | DS      M  D097
SMP    M  C798                 | DS      M  D250 -D289
SMP       D071                 | DS      M  D367
SMP       D280                 | DS      M  D390 -D399
SMP    M  D397                 | DS      M  D487
SMP       N900 -N908           | DS      M  N700 -N946
SMP       Q525 -Q527           | DS      M  N950 -N959
                               | DS      M  Q500 -Q529
        --- N912  ---          |
                               |        --- N949  ---
SMP       N910 -N911           |
                               | SMP        C510 -C58
        --- N915  ---          | SMP     M  C798
                               | SMP        D250 -D289
SMP       N913 -N914           | SMP        D390 -D399
                               | DS         N700 -N909
        --- N920  ---          | SMP        N940 -N948
                               | SMP        Q500 -Q528
LMP       N921                 | SMP        Q562
                               |
        --- N926  ---          |    --- N950 -N958  ---
                               |
DS        C510 -C58            | SDC        F09          F28    *
DS     M  C763                 |
DS        C796                 |        --- N959  ---
DS     M  C798                 |
DS        D060 -D073           | SDC        F09          F28    *
DS     M  D097                 | SMP        N950 -N958
DS        D250 -D289           |
DS     M  D367                 |        --- N979  ---
DS        D390 -D399           |
DS     M  D487                 | SMP        N970 -N978
DS        N700 -N709           | LMC        Q506         N971
DS     M  N710 -N909           | LMC        Q519         N972
SMP       N920 -N925           |
DS        Q500 -Q529           |        --- N989  ---
                               |
                               | SMP        N980 -N988
                               |
```

```
      --- N990 -N991  ---           |         --- O039  ---

DS           Y830 -Y849            | SMP     M  O030 -O038
DS           Y883                  | LMC        O080          O035
                                   | LMC        O081          O036
          --- N992  ---            | LMC        O082          O037
                                   | LMC        O083 -O089    O038
DS     M  Y831 -Y832               |
DS     M  Y834                     |         --- O044  ---
DS     M  Y836 -Y839               |
DS     M  Y883                     | SMP        O040 -O043
                                   | LMC        O080          O040
          --- N993  ---            | LMC        O081          O041
                                   | LMC        O082          O042
DS     M  Y836                     | LMC        O083 -O089    O043
DS     M  Y883                     |
                                   |         --- O049  ---
          --- N994  ---            |
                                   | SMP     M  O040 -O048
DS     M  Y830 -Y849               | LMC        O080          O045
DS     M  Y883                     | LMC        O081          O046
                                   | LMC        O082          O047
          --- N995  ---            | LMC        O083 -O089    O048
                                   |
DS     M  Y833                     |         --- O054  ---
DS     M  Y883                     |
                                   | SMP        O050 -O053
          --- N999  ---            | LMC        O080          O050
                                   | LMC        O081          O051
SMP        N990 -N998              | LMC        O082          O052
                                   | LMC        O083 -O089    O053
          --- O009  ---            |
                                   |         --- O059  ---
SMP        O000 -O008              |
                                   | SMP     M  O050 -O058
          --- O019  ---            | LMC        O080          O055
                                   | LMC        O081          O056
SMP        O010 -O011              | LMC        O082          O057
                                   | LMC        O083 -O089    O058
          --- O029  ---            |
                                   |         --- O064  ---
SMP        O020 -O028              |
                                   | SMP        O060 -O063
          --- O030  ---            | LMC        O080          O060
                                   | LMC        O081          O061
LMP        O100 -O299              | LMC        O082          O062
LMP        O310 -O998              | LMC        O083 -O089    O063
                                   |
          --- O034  ---            |         --- O069  ---
                                   |
SMP        O030 -O033              | SMP        O065 -O068
LMC        O080          O030      | LMC        O080          O065
LMC        O081          O031      | LMC        O081          O066
LMC        O082          O032      | LMC        O082          O067
LMC        O083 -O089    O033      | LMC        O083 -O089    O068
                                   |
                                   |
                                   |
                                   |
                                   |
                                   |
```

```
          --- O074  ---              |           --- O081  ---
                                     |                CONTINUED
LMC       O080           O070        | DS         O076
LMC       O081           O071        | DSC        O079              O076
LMC       O082           O072        |
LMC       O083 -O089     O073        |           --- O082  ---
                                     |
          --- O079  ---              | DS         O032
                                     | DSC        O034              O032
SMP       O070 -O078                 | DS         O037
LMC       O080           O075        | DSC        O039              O037
LMC       O081           O076        | DS         O042
LMC       O082           O077        | DSC        O044              O042
LMC       O083 -O089     O078        | DS         O047
                                     | DSC        O049              O047
          --- O080  ---              | DS         O052
                                     | DSC        O054              O052
DS        O030                       | DS         O057
DSC       O034           O030        | DSC        O059              O057
DS        O035                       | DS         O062
DSC       O039           O035        | DSC        O064              O062
DS        O040                       | DS         O067
DSC       O044           O040        | DSC        O069              O067
DS        O045                       | DS         O072
DSC       O049           O045        | DSC        O074              O072
DS        O050                       | DS         O077
DSC       O054           O050        | DSC        O079              O077
DS        O055                       |
DSC       O059           O055        |           --- O083  ---
DS        O060                       |
DSC       O064           O060        | DS     M   O033
DS        O065                       | DSC        O034              O033
DSC       O069           O065        | DS     M   O038
DS        O070                       | DSC        O039              O038
DSC       O074           O070        | DS     M   O043
DS        O075                       | DSC        O044              O043
DSC       O079           O075        | DS     M   O048
                                     | DSC        O049              O048
          --- O081  ---              | DS     M   O053
                                     | DSC        O054              O053
DS        O031                       | DS     M   O058
DSC       O034           O031        | DSC        O059              O058
DS        O036                       | DS     M   O063
DSC       O039           O036        | DSC        O064              O063
DS        O041                       | DS     M   O068
DSC       O044           O041        | DSC        O069              O068
DS        O046                       | DS     M   O073
DSC       O049           O046        | DSC        O074              O073
DS        O051                       | DS     M   O076
DSC       O054           O051        | DSC        O079              O078
DS        O056                       |
DSC       O059           O056        |         --- O084 -O089  ---
DS        O061                       |
DSC       O064           O061        | DS     M   O033
DS        O066                       | DSC        O034              O033
DSC       O069           O066        | DS     M   O038
DS        O071                       | DSC        O039              O038
DSC       O074           O071        | DS     M   O043
```

```
      --- O084 -O089  ---        |        --- O120  ---
            CONTINUED            |            CONTINUED
DSC        O044        O043      | DSC    M  O16           O149
DS    M  O048                    |
DSC        O049        O048      |        --- O121  ---
DS    M  O053                    |
DSC        O054        O053      | LMC        O100 -O109   O11
DS    M  O058                    | DS         O11
DSC        O059        O058      | LMC        O120         O122
DS    M  O063                    | SMP        O122
DSC        O064        O063      | LMC        O13          O149
DS    M  O068                    | DS         O140 -O149
DSC        O069        O068      | SMP        O150 -O159
DS    M  O073                    | DSC    M  O16           O140
DSC        O074        O073      | DSC    M  O16           O141
DS    M  O078                    | DSC    M  O16           O149
DSC        O079        O078      |
                                 |        --- O122  ---
       --- O100  ---             |
                                 | LMC        O100 -O109   O11
LMC        O120 -O122   O11      | DS         O11
DSC    M  O13           O11      | LMC        O13          O149
DSC        O140 -O149   O11      | DS         O140 -O149
SMP        O150 -O159            | SMP        O150 -O159
                                 | DSC    M  O16           O140
       --- O101  ---             | DSC    M  O16           O141
                                 | DSC    M  O16           O149
LMC        O120 -O122   O11      |
DSC    M  O13           O11      |        --- O13   ---
DSC        O140 -O149   O11      |
                                 | LMC    M  O100 -O109   O11
    --- O102 -O104  ---          | DSC        O120 -O122   O149
                                 | DS         O140 -O141
LMC        O120 -O122   O11      | SMP        O150 -O159
DSC    M  O13           O11      |
DSC        O140 -O149   O11      |     --- O140 -O141  ---
SMP        O150 -O159            |
                                 | LMC        O100 -O109   O11
       --- O109  ---             | SMP        O150 -O159
                                 |
SMP        O011                  |        --- O149  ---
SMP        O100 -O104            |
LMC        O120 -O122   O11      | LMC        O100 -O109   O11
DSC    M  O13           O11      | SMP        O13  -O141
DSC        O140 -O149   O11      | SMP        O150 -O159
SMP        O150 -O159            |
                                 |        --- O159  ---
       --- O120  ---             |
                                 | SMP        O150 -O152
LMC        O100 -O109   O11      |
DS         O11                   |        --- O16   ---
LMC        O121         O122     |
SMP        O122                  | SMP        O100 -O11
LMC        O13          O149     | LMC    M  O120 -O122   O140
DS         O140 -O149            | LMC    M  O120 -O122   O141
SMP        O150 -O159            | LMC    M  O120 -O122   O149
DSC    M  O16           O140     | SMP        O13  -O152
DSC    M  O16           O141     | SMC        O159         O150
```

```
        --- O209 ---            |          --- O323 ---
                                |
SMP        O200 -O208           | LMP         O330 -O339
                                | LDC    M  O669          O640
        --- O210 ---            | LDC    M  O669          O642
                                | LDC    M  O669          O643
LMC        O992         O211    |
                                |       --- O324 -O325 ---
        --- O219 ---            |
                                | LMP         O330 -O339
SMP        O210 -O218           | LDC         O669          O648
                                |
        --- O229 ---            |          --- O326 ---
                                |
SMP        O220 -O228           | LMP         O330 -O339
                                | LDC         O669          O645
        --- O239 ---            |
                                |          --- O328 ---
SMP     M  O230 -O235           |
                                | LMP         O330 -O339
        --- O249 ---            |
                                |          --- O329 ---
SMP        O240 -O244           |
                                | SMP         O320 -O328
        --- O269 ---            | LMP         O330 -O339
                                |
SMP        O260 -O268           |          --- O330 ---
                                |
        --- O289 ---            | LMP    M  O650
                                | LMP    M  O658
SMP        O280 -O288           | LMC    M  O669          O650
                                | LMC    M  O669          O658
        --- O299 ---            |
                                |          --- O331 ---
SMP        O200 -O298           |
                                | LMP         O651
        --- O309 ---            | LMC         O669          O651
                                |
SMP        O300 -O308           |          --- O332 ---
                                |
   --- O310 -O318  ---          | LMP         O652
                                | LMC         O669          O652
LMP        O640 -O669           |
                                |          --- O333 ---
        --- O320 ---            |
                                | LMP         O653
LMP        O330 -O339           | LMC         O669          O653
                                |
        --- O321 ---            |          --- O335 ---
                                |
LMP        O330 -O339           | LMP         O662
LDC        O669         O641    | LMC         O669          O662
                                |
        --- O322 ---            |       --- O336 -O337  ---
                                |
LMP        O330 -O339           | LMP         O663
LDC        O669         O644    | LMC         O669          O663
                                |
```

```
        --- O338  ---           |        --- O441  ---

LMP     M  O650                 | LMC     M  O469            O468
LMC     M  O669            O650 | LMC     M  O679            O678

        --- O339  ---           |        --- O459  ---

LMP        O330 -O333          | SMP        O450 -O458
SMP        O334 -O338          | LMC        O670            O450
LMP        O654                |
LMC        O669            O654|        --- O469  ---

        --- O340  ---           | SMP        O460 -O468
                                | LMC        O670            O460
LMC        O669            O655 |
                                |        --- O479  ---
    --- O341 -O348  ---         |
                                | SMP        O470 -O471
LMP        O655                 |
LMC        O669            O655 |        --- O619  ---

        --- O349  ---           | SMP        O610 -O618

SMP        O340 -O348          |        --- O629  ---
LMP        O655                |
LMC        O669            O655 | SMP        O620 -O628

        --- O359  ---           |        --- O639  ---

SMP        O350 -O358          | SMP        O630 -O632

        --- O369  ---           |    --- O640 -O648  ---

SMP        O350 -O368          | LMP        O650 -O659

        --- O419  ---           |        --- O649  ---

SMP        O410 -O418          | SMP        O640 -O648
                                | LMP        O650 -O659
        --- O429  ---           |
                                |        --- O659  ---
SMP        O420 -O422          |
                                | SMP        O650 -O658
        --- O431  ---           |
                                |        --- O669  ---
LMC        O649            O468 |
LMC        O679            O678 | DSC     M  O330            O650
                                | DSC     M  O330            O658
        --- O439  ---           | DSC        O331            O651
                                | DSC        O332            O652
SMP        O430 -O438          | DSC        O333            O653
SMP        O440 -O459          | DSC        O335            O662
                                | DSC        O336 -O337     O663
        --- O440  ---           | DSC     M  O338            O650
                                | DSC        O339            O654
SMP        O441                 | DSC        O340 -O349     O655
LMC        O468 -O469     O441 | SMP        O640 -O668
LMC        O679            O678 |
```

```
              --- O679  ---          |            --- O882  ---
                                     |
DSC      M  O431            O678     | SMP      M  O880 -O881
SMP         O670 -O678              | SMP      M  O883 -O888

              --- O680  ---          |            --- O899  ---
                                     |
LMC         O681            O682     | SMP         O890 -O898
LMP         O682                     |
                                     |            --- O909  ---
              --- O681  ---          |
                                     | SMP         O085 -O908
LMC         O680            O682     | SMP         O910 -O927
LMP         O682                     |
                                     |            --- O927  ---
              --- O689  ---          |
                                     | SMP      M  O920 -O926
SMP         O680 -O688              |
                                     |            --- O95   ---
              --- O699  ---          |
                                     | SMP         O000 -O079
SMP         O690 -O698              | SMP         O100 -O927
                                     | SMP         O980 -O998
              --- O709  ---          |
                                     |         --- O980 -O988   ---
SMP         O700 -O703              |
                                     | SMP         O000 -O209
              --- O714  ---          | SMP         O212 -O927
                                     |
LMP         O700 -O709              |            --- O989  ---
                                     |
              --- O719  ---          | SMP         O000 -O927
                                     | SMP         O980 -O988
SMP         O710 -O718              |
                                     |            --- O990  ---
              --- O721  ---          |
                                     | SMP         O000 -O209
LMP      M  O720                     | SMP         O212 -O927
                                     | LMC         O991 -O997    O998
              --- O730  ---          | DS       M  O998
                                     |
LMP         O720                     |            --- O991  ---
                                     |
              --- O731  ---          | SMP         O000 -O209
                                     | SMP         O212 -O927
LMP         O722                     | LMC         O990           O998
                                     | LMC         O992 -O997    O998
              --- O749  ---          | DS       M  O998
                                     |
SMP         O740 -O748              |            --- O992  ---
                                     |
              --- O759  ---          | SMP         O000 -O079
                                     | SMP         O100 -O927
SMP         O060 -O758              | LMC         O210           O211
                                     | LMC         O990 -O991    O998
              --- O879  ---          | LMC         O993 -O997    O998
                                     | DS       M  O998
SMP         O870 -O878              |
```

```
                              TABLE E
       MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


            --- O993  ---             |            --- P019  ---
                                      |
SMP         O000 -O079                | SMP         P010 -P018
SMP         O100 -O927                |
LMC         O990 -O992    O998        |            --- P022  ---
LMC         O994 -O997    O998        |
DS      M   O998                      | SMP     M   P020 -P021
                                      | SMP     M   P023
            --- O994  ---             |
                                      |            --- P025  ---
SMP         O000 -O079                |
SMP         O100 -O927                | LMP     M   P024
LMC         O990 -O993    O998        |
LMC         O995 -O997    O998        |            --- P026  ---
DS      M   O998                      |
                                      | SMP     M   P024 -P025
            --- O995  ---             | LDC         P509            P500
                                      |
SMP         O000 -O079                |            --- P029  ---
SMP         O100 -O927                |
LMC         O990 -O994    O998        | SMP         P020 -P028
LMC         O996 -O997    O998        |
DS      M   O998                      |            --- P039  ---
                                      |
            --- O996  ---             | SMP         P030 -P038
                                      |
SMP         O000 -O079                |            --- P049  ---
SMP         O100 -O927                |
LMC         O990 -O995    O998        | SMP         P040 -P048
LMC         O997          O998        |
DS      M   O998                      |            --- P059  ---
                                      |
            --- O997  ---             | SMP         P050 -P052
                                      |
SMP         O000 -O079                |            --- P070  ---
SMP         O100 -O927                |
DSC     M   O990 -O996    O998        | SMP         P000 -P059
DS      M   O998                      | SMP         P100 -P284
                                      | SMP         P288 -P969
            --- O998  ---             |
                                      |            --- P071  ---
SMP         O000 -O079                |
SMP         O100 -O927                | SMP         P000 -P059
                                      | SMP     M   P070
            --- P009  ---             | SMP         P100 -P284
                                      | SMP         P288 -P969
SMP         P000 -P008                |
                                      |            --- P072  ---
            --- P012  ---             |
                                      | SMP         P000 -P059
DS          P011                    * | LMP         P070 -P071
                                      | SMP         P100 -P284
            --- P018  ---             | SMP         P288 -P969
                                      | LDC         P614            P612
DS          P010 -P017                |
                                      |            --- P073  ---

                                      | SMP         P000 -P059
                           E-302  (11-04)
```

```
         --- P073  ---          |        --- P159  ---
            CONTINUED           |
LMP         P070 -P071          | SMP        P100 -P158
SMP         P072                |
SMP         P100 -P284          |        --- P209  ---
SMP         P288 -P969          |
LDC         P614        P612    | SMP        P200 -P201
                               |
         --- P080  ---          |        --- P219  ---
                               |
SMP         P000 -P059          | SMP        P210 -P211              *
SMP         P100 -P284          |
SMP         P288 -P969          |        --- P229  ---
                               |
         --- P081  ---          | SMP        P220 -P228
                               |
SMP         P000 -P059          |        --- P236  ---
SMP         P080                |
SMP         P100 -P284          | SMP    M   P233
SMP         P288 -P969          |
                               |        --- P239  ---
         --- P082  ---          |
                               | SMP        P230 -P238
SMP         P000 -P059          |
LMP         P080 -P081          |        --- P249  ---
SMP         P100 -P284          |
SMP         P288 -P969          | SMP        P240 -P248
                               |
         --- P108  ---          |        --- P260  ---
                               |
LMP     M   P101                | DS         P220 -P229
                               | DS         Q310 -Q349
         --- P109  ---          | DS         Q600 -Q649
                               |
SMP         P100 -P108          |     --- P261 -P268  ---
                               |
         --- P112  ---          | DS         P220 -P229
                               | DS         Q310 -Q349
SMP         P110 -P111          |
                               |        --- P269  ---
         --- P119  ---          |
                               | DS         P220 -P229
SMP         P110 -P115          | SMP        P260 -P268
                               |
         --- P129  ---          |        --- P279  ---
                               |
SMP         P120 -P128          | SMP        P270 -P278
                               |
         --- P139  ---          |        --- P281  ---
                               |
SMP         P130 -P138          | DS         P220 -P229
                               |
         --- P149  ---          |        --- P282  ---
                               |
SMP         P140 -P148          | DS         P220 -P281
                               |


                         |
                  E-303  (11-04)
```

```
                               TABLE E
         MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


            --- P288  ---              |           --- P529  ---
                                       |
   DS      M  P220 -P229               | SMP         P520 -P528
                                       |
            --- P289  ---              |           --- P543  ---
                                       |
   SMP         P200 -P284              | DS          Q400 -Q419
   SMP         P288                    |
                                       |           --- P549  ---
         --- P290 -P291  ---           |
                                       | SMP     M  P020 -P021
   DS          Q200 -Q249              | SMP        P100 -P109
                                       | SMP     M  P115
            --- P299  ---              | SMP     M  P122
                                       | SMP     M  P150 -P159
   SMP         P290 -P298              | SMP        P260 -P269
                                       | SMP        P500 -P529
            --- P359  ---              | SMP        P540 -P548
                                       |
   SMP         P350 -P358              |      --- P550 -P558  ---
                                       |
            --- P369  ---              | LDC         P579         P570
                                       | LDC         P832         P560
   SMP         P360 -P368              |
                                       |           --- P559  ---
            --- P379  ---              |
                                       | SMP         P550 -P558
   SMP     M  P370 -P378               | LDC         P579         P570
                                       | LDC         P832         P560
            --- P399  ---              |
                                       |           --- P569  ---
   SMP         P350 -P398              |
                                       | SMP         P560
         --- P500 -P508  ---           |
                                       |           --- P579  ---
   LDC         P614         P613       |
                                       | SMP         P570 -P578
            --- P509  ---              |
                                       |           --- P589  ---
   SMP         P500                    |
   LDP         P501                    | SMP         P580 -P588
   SMP         P502 -P508              |
   LDC         P614         P613       |           --- P599  ---
                                       |
            --- P519  ---              | LMC         D580 -D589   P588
                                       | LMP         E031
   SMP         P510 -P518              | LMP         E742
                                       | LMP         E804 -E805
            --- P521  ---              | LMP         E849
                                       | LMC         K769         P592
   LMC         P524         P522       | LMC         P040 -P049   P584
                                       | LMC         P072 -P073   P590
            --- P524  ---              | LMC         P350 -P399   P582
                                       | LMC         P500 -P549   P581
   LMC         P521         P522       | LMP         P550 -P559
                                       | LMP         P585 -P598
                                       | LMC         P611         P583
                                       |
                            E-304  (11-04)
```

```
        --- P614  ---           |          --- P749  ---

LMC       P072 -P073   P612     | LMP       P000 -P702            *
                                | LMP       P721
        --- P619  ---           | LMP       P760 -P969

SMP       P60  -P618            |          --- P769  ---

     --- P703 -P708  ---        | SMP       P760 -P768

LMP       P000 -P702            |          --- P780  ---
LMP       P721                  |
LMP       P760 -P969            | DS        P77

        --- P709  ---           |          --- P789  ---

LMP       P000 -P702        *   | SMP       P760 -P788
LMP       P721                  |
LMP       P760 -P969            |          --- P809  ---

     --- P710 -P718  ---        | SMP       P800 -P808

LMP       P000 -P702            |          --- P819  ---
LMP       P721                  |
LMP       P760 -P969            | SMP       P800 -P818

        --- P719  ---           |          --- P833  ---

LMP       P000 -P702        *   | DS        P550 -P570
LMP       P721                  | DS        P614
LMP       P760 -P969            |
                                |          --- P839  ---
        --- P720  ---           |
                                | SMP       P830 -P838
LMP       P000 -P702            |
LMP       P721                  |          --- P919  ---
LMP       P760 -P969            |
                                | SMP       P90  -P918
     --- P722 -P743  ---        |
                                |          --- P929  ---
LMP       P000 -P702            |
LMP       P721                  | SMP       P920 -P928
LMP       P760 -P969            |
                                |          --- P949  ---
        --- P744  ---           |
                                | SMP       P940 -P948
LMP       P000 -P702        *   |
LMP       P721                  |          --- P969  ---
LMP       P760 -P969            |
                                | LMP       P000 -P702
     --- P745 -P748  ---        | LMP       P721
                                | LMP       P760 -P968
LMP       P000 -P702            | LMP       Q000 -Q380
LMP       P721                  | LMP       Q382 -Q649
LMP       P760 -P969            | LMP       Q750 -Q799
                                | LMP       Q859 -Q999
```

```
            --- Q019  ---            |          --- Q058  ---
                                     |
SMP          Q010 -Q018             | LMC          Q030 -Q039    Q053
                                     | LMC     M   Q043           Q053
         --- Q030 -Q038   ---        | SMP          Q053
                                     |
LMP          Q050 -Q054             |          --- Q059  ---
LMC          Q055           Q050    |
LMC          Q056           Q051    | LMC          Q030 -Q039    Q054
LMC          Q057           Q052    | LMC     M   Q043           Q054
LMC          Q058           Q053    | SMP          Q050 -Q058
LMC          Q059           Q054    |
                                     |          --- Q069  ---
            --- Q039  ---            |
                                     | SMP          Q060 -Q068
SMP          Q030 -Q038             |
LMP          Q050 -Q054             |          --- Q079  ---
LMC          Q055           Q050    |
LMC          Q056           Q051    | SMP          Q000 -Q078
LMC          Q057           Q052    |
LMC          Q058           Q053    |          --- Q103  ---
LMC          Q059           Q054    |
                                     | SMP     M   Q100 -Q102
            --- Q043  ---            |
                                     |          --- Q106  ---
LMP     M   Q050 -Q054              |
LMC     M   Q055           Q050     | SMP     M   Q104 -Q105
LMC     M   Q056           Q051     |
LMC     M   Q057           Q052     |          --- Q129  ---
LMC     M   Q058           Q053     |
LMC     M   Q059           Q054     | SMP          Q120 -Q128
                                     |
            --- Q049  ---            |          --- Q132  ---
                                     |
SMP          Q000 -Q048             | SMP     M   Q130 -Q131
SMP          Q050 -Q054             |
                                     |          --- Q135  ---
            --- Q054  ---            |
                                     | LMP          Q780
SMP          Q050 -Q053             |
                                     |          --- Q139  ---
            --- Q055  ---            |
                                     | SMP          Q130 -Q138
LMC          Q030 -Q039    Q050     |
LMC     M   Q043           Q050     |          --- Q149  ---
SMP          Q050                   |
                                     | SMP          Q140 -Q148
            --- Q056  ---            |
                                     |          --- Q159  ---
LMC          Q030 -Q039    Q051     |
LMC     M   Q043           Q051     | SMP          Q100 -Q158
SMP          Q051                   |
                                     |          --- Q169  ---
            --- Q057  ---            |
                                     | SMP          Q160 -Q165
LMC          Q030 -Q039    Q052     |
LMC     M   Q043           Q052     |
SMP          Q052                   |
```

```
            --- Q178  ---              |           --- Q254  ---
                                       |
LDC        H905            Q169        | SMP    M  Q250 -Q253
LDC        H919            Q169        |
                                       |           --- Q259  ---
            --- Q179  ---              |
                                       | SMP       Q250 -Q258
LDC        H905            Q169        |
LDC        H919            Q169        |           --- Q269  ---
SMP        Q160 -Q178                  |
                                       | SMP       Q260 -Q268
            --- Q189  ---              |
                                       |           --- Q272  ---
SMP        Q180 -Q188                  |
                                       | SMP    M  Q271
            --- Q203  ---              |
                                       |           --- Q2780 ---
LMP        Q213                        |
                                       | SMC       I600            I6090
            --- Q209  ---              | SMC       I601 -I606      I6090
                                       | SMP    M  I6060                 *
SMP        Q200 -Q208                  | SMC       I607            I6090
                                       | SMP       I6070                 *
            --- Q210  ---              | SMC       I608            I6090
                                       | SMP       I6080                 *
LMP    M   Q204                        | SMC       I609            I6090
LMP        Q213                        | SMP       I6090                 *
                                       | SMC       I610 -I629      I6090
            --- Q219  ---              | SMP    M  Q141
                                       | SMP    M  Q245
SMP        Q210 -Q218                  | SMP    M  Q257
                                       | SMP    M  Q2820
        --- Q220 -Q221  ---            | SMP       Q2830
                                       |
LMP        Q213                        |           --- Q279  ---
                                       |
            --- Q229  ---              | SMP       Q270 -Q278
                                       |
SMP        Q224 -Q228                  |           --- Q282  ---
                                       |
            --- Q239  ---              | SMC       I600            I608  *
                                       | SMC       I601 -I606      I608  *
SMP    M   Q230 -Q238                  | SMC       I607            I608  *
                                       | SMP    M  I608                  *
            --- Q240  ---              | SMC       I609            I608  *
                                       | SMC       I610 -I629      I608  *
LMP        Q893                        |
                                       |           --- Q2820 ---
            --- Q243  ---              |
                                       | SMC       I600            I6080 *
LMP        Q213                        | SMC       I601 -I606      I6080 *
                                       | SMC       I607            I6080 *
            --- Q249  ---              | SMC       I608            I6080 *
                                       | SMC       I610 -I629      I6080 *
SMP        Q200 -Q248                  |
                                       |           --- Q2830 ---
                                       |
                                       | SMC       I600            I6090
```

```
         --- Q2830 ---           |          --- Q359  ---
            CONTINUED            |
SMC         I601 -I606    I6090  | SMP     M  Q351 -Q357
SMP      M  I6060             *  | LMC        Q360          Q378
SMC         I607        I6090    | LMC        Q369          Q379
SMP      M  I6070             *  | SMP        Q370 -Q379
SMC         I608        I6090    |
SMP      M  I6080             *  |          --- Q360  ---
SMC         I609        I6090    |
SMP      M  I6090             *  | LMC        Q351          Q370
SMC         I610 -I629  I6090    | LMC        Q353          Q372
                                 | LMC        Q355          Q374
         --- Q289  ---           | LMC        Q359          Q378
                                 |
SMP         Q200 -Q288           |          --- Q369  ---
                                 |
         --- Q309  ---           | LMC        Q351          Q371
                                 | LMC        Q353          Q373
SMP         Q300 -Q308           | LMC        Q355          Q375
SMP      M  Q674                 | LMC        Q359          Q379
                                 | SMP        Q360 -Q361
         --- Q319  ---           |
                                 |          --- Q370  ---
SMP         Q310 -Q318           |
                                 | LMC        Q353          Q374
         --- Q321  ---           |
                                 |          --- Q371  ---
SMP      M  Q320                 |
                                 | LMC        Q353          Q375
         --- Q324  ---           |
                                 |          --- Q372  ---
SMP      M  Q323                 |
                                 | LMC        Q351          Q374
         --- Q339  ---           |
                                 |          --- Q373  ---
SMP         Q330 -Q338           |
                                 | LMC        Q351          Q375
         --- Q349  ---           |
                                 |          --- Q378  ---
SMP         Q300 -Q348           |
                                 | LMC        Q351          Q370
         --- Q351  ---           | LMC        Q353          Q372
                                 | SMP        Q370
LMC         Q353          Q355   | SMP        Q372
LMC         Q360          Q370   | SMP        Q374
LMC         Q369          Q371   |
                                 |          --- Q379  ---
         --- Q353  ---           |
                                 | LMC        Q351          Q371
LMC         Q351          Q355   | LMC        Q353          Q373
LMC         Q360          Q372   | SMP        Q370 -Q378
LMC         Q369          Q373   |
                                 |          --- Q380  ---
         --- Q355  ---           |
                                 | SMP     M  Q360 -Q379
LMC         Q360          Q374   |
LMC         Q369          Q375   |
                                 |
```

```
          --- Q383  ---              |          --- Q436  ---
                                     |
SMP     M  Q380 -Q382                | LMC     M  Q421            Q420
                                     | LMC     M  Q423            Q422
          --- Q385  ---              |
                                     |          --- Q438  ---
SMP     M  Q351 -Q359                |
SMP     M  Q370 -Q379                | LMP     M  Q433
                                     |
          --- Q388  ---              |          --- Q439  ---
                                     |
SMP     M  Q386 -Q387                | SMP     M  Q430 -Q432
                                     | LMP     M  Q433
          --- Q390  ---              | SMP     M  Q434 -Q438
                                     |
SMP        Q391                      |          --- Q441  ---
LMC        Q392            Q391      |
                                     | SMP     M  Q440
          --- Q392  ---              |
                                     |          --- Q445  ---
LMC        Q390            Q391      |
SMP        Q391                      | SMP     M  Q442 -Q444
                                     |
          --- Q399  ---              |          --- Q447  ---
                                     |
SMP        Q390 -Q398                | SMP     M  Q446
                                     |
          --- Q402  ---              |          --- Q453  ---
                                     |
LMP     M  Q395                      | SMP     M  Q450 -Q452
LMP     M  Q893                      |
                                     |          --- Q458  ---
          --- Q403  ---              |
                                     | SMP     M  Q383 -Q384
SMP        Q400 -Q402                | SMP     M  Q398
                                     | SMP     M  Q402
          --- Q409  ---              | SMP     M  Q408
                                     | SMP     M  Q410 -Q429
SMP        Q380 -Q408                | SMP     M  Q433 -Q434
                                     | SMP     M  Q438
          --- Q419  ---              | SMP     M  Q440 -Q441
                                     | SMP     M  Q445
SMP        Q410 -Q418                | SMP     M  Q447 -Q450
                                     | SMP     M  Q453
          --- Q421  ---              |
                                     |          --- Q459  ---
SMP        Q420                      |
LMC     M  Q436           Q420       | SMP        Q380 -Q458
                                     |
          --- Q423  ---              |          --- Q503  ---
                                     |
SMP        Q422                      | SMP     M  Q500 -Q502
LMC     M  Q436           Q422       |
                                     |          --- Q506  ---
          --- Q429  ---              |
                                     | SMP     M  Q504 -Q505
SMP        Q420 -Q428                |
                                     |
```

```
          --- Q512  ---              |          --- Q562  ---

LMC      M  Q518          Q511       | LMP        E250 -E259
LMC         Q521          Q511       |
                                     |          --- Q563  ---
          --- Q518  ---              |
                                     | LMC        E279            E258
LMC      M  Q512          Q511       | SMP        Q560 -Q562
LMC      M  Q521          Q511       | LMP        Q960 -Q999
                                     |
          --- Q519  ---              |          --- Q602  ---
                                     |
SMP         Q510 -Q518               | SMP        Q600 -Q601
                                     |
          --- Q521  ---              |          --- Q605  ---
                                     |
LMC         Q512          Q511       | SMP        Q603 -Q604
LMC      M  Q518          Q511       |
                                     |          --- Q613  ---
          --- Q524  ---              |
                                     | SMP        Q610 -Q612
SMP         Q520 -Q523               |
                                     |          --- Q619  ---
          --- Q527  ---              |
                                     | SMP        Q610 -Q618
SMP         Q525 -Q526               |
                                     |          --- Q628  ---
          --- Q529  ---              |
                                     | SMP      M  Q620 -Q627
SMP         Q500 -Q528               |
                                     |          --- Q639  ---
          --- Q539  ---              |
                                     | SMP        Q600 -Q620
SMP         Q530 -Q532               | SMP      M  Q623
                                     | SMP        Q630 -Q638
          --- Q549  ---              |
                                     |          --- Q647  ---
SMP         Q540 -Q548               |
                                     | SMP      M  Q640 -Q646
          --- Q552  ---              |
                                     |          --- Q649  ---
SMP      M  Q550 -Q551               |
                                     | SMP        Q600 -Q648
          --- Q556  ---              |
                                     |          --- Q652  ---
SMP      M  Q555                     |
                                     | SMP        Q650 -Q651
          --- Q559  ---              |
                                     |          --- Q655  ---
SMP         Q530 -Q558               |
                                     | SMP        Q653 -Q654
          --- Q561  ---              |
                                     |          --- Q659  ---
LMC         E279          E258       |
LMP         E291                     | SMP        Q650 -Q658
LMP         E345                     |
                                     |
                                     |
```

```
           --- Q669  ---          |           --- Q758  ---
                                  |             CONTINUED
SMP        Q660 -Q668             | LMP    M  Q050 -Q054
                                  |
           --- Q678  ---          |           --- Q759  ---
                                  |
SMP     M  Q676 -Q677             | LMP    M  Q000
                                  | LMP    M  Q010 -Q039
           --- Q685  ---          | LMP    M  Q050 -Q054
                                  | SMP       Q750 -Q758
SMP        Q683 -Q684             |
                                  |           --- Q764  ---
           --- Q699  ---          |
                                  | LMP       Q763
SMP        Q690 -Q692             |
                                  |           --- Q769  ---
           --- Q709  ---          |
                                  | SMP       Q765 -Q768
SMP        Q700 -Q704             |
LMC     M  Q788         Q700      |           --- Q779  ---
LMC     M  Q788         Q702      |
                                  | SMP       Q770 -Q778
           --- Q719  ---          |
                                  |           --- Q789  ---
SMP        Q710 -Q718             |
                                  | LMC       D180         Q784
           --- Q729  ---          | LMP       Q778 -Q779
                                  | SMP       Q780 -Q788
SMP        Q720 -Q728             |
                                  |           --- Q791  ---
           --- Q730  ---          |
                                  | LMP       Q790
SMP        Q710                   |
SMP        Q720                   |           --- Q799  ---
                                  |
           --- Q731  ---          | SMP       Q650 -Q798
                                  |
SMP        Q711                   |           --- Q809  ---
SMP        Q721                   |
                                  | SMP       Q800 -Q808
           --- Q738  ---          |
                                  |           --- Q819  ---
SMP     M  Q710 -Q731             |
                                  | SMP       Q810 -Q818
           --- Q749  ---          |
                                  |           --- Q829  ---
SMP        Q681 -Q748             |
                                  | SMP       Q820 -Q828
           --- Q750  ---          |
                                  |           --- Q838  ---
LMP     M  Q000                   |
LMP     M  Q010 -Q039             | LMC       Q832         Q830
LMP     M  Q050 -Q054             |
                                  |           --- Q839  ---
           --- Q758  ---          |
                                  | SMP       Q830 -Q838
LMP     M  Q000                   |
LMP     M  Q010 -Q039             |
```

```
        --- Q842  ---            |         --- Q979  ---
                                 |
SMP    M  Q840 -Q841             | SMP       Q970 -Q978
                                 |
        --- Q846  ---            |         --- Q989  ---
                                 |
SMP    M  Q843 -Q845             | SMP       Q980 -Q988
                                 |
        --- Q849  ---            |         --- Q999  ---
                                 |
SMP       Q800 -Q848             | SMP       Q900 -Q998
                                 |
        --- Q859  ---            |         --- R000  ---
                                 |
SMP       Q850 -Q858             | DS        I010 -I099
                                 | DS        I110 -I119
        --- Q897  ---            | DS        I130 -I461
                                 | DS        I470 -I519
SMP       Q000 -Q079             | DS        J380 -J399
SMP       Q200 -Q349             |
SMP       Q380 -Q799             |         --- R002  ---
SMP       Q870 -Q894             |
SMP       Q898                   | DS        I010 -I099
SMP       Q900 -Q999             | DS        I110 -I119
                                 | DS        I130 -I461
        --- Q899  ---            | DS        I470 -I519
                                 |
SMP       Q000 -Q898             |      --- R010 -R012  ---
SMP       Q900 -Q999             |
                                 | DS        I010 -I099
        --- Q909  ---            | DS        I110 -I119
                                 | DS        I130 -I461
SMP       Q900 -Q902             | DS        I470 -I519
                                 |
        --- Q929  ---            |         --- R02   ---
                                 |
SMP       Q920 -Q923             | DS        A480
LMP    M  Q924 -Q925             | DSC       E100 -E104    E107
SMP       Q926 -Q928             | DS        E105
                                 | DSC       E106          E107
        --- Q935  ---            | DS        E107
                                 | DSC       E108 -E109    E105    *
LMP    M  Q937                   | DSC       E110 -E114    E117
                                 | DS        E115
        --- Q939  ---            | DSC       E116          E117
                                 | DS        E117
SMP       Q930 -Q938             | DSC       E118 -E119    E115    *
                                 | DSC       E120 -E124    E127
        --- Q959  ---            | DS        E125
                                 | DSC       E126          E127
SMP       Q950 -Q958             | DS        E127
                                 | DSC       E128 -E129    E125    *
        --- Q969  ---            | DSC       E130 -E134    E137
                                 | DS        E135
SMP       Q960 -Q968             | DSC       E136          E137
                                 | DS        E137
                                 | DSC       E138 -E139    E135    *
                                 | DSC       E140 -E144    E147
```

```
        --- R02   ---          |       --- R041  ---
          CONTINUED            |         CONTINUED
DS        E145                 | DS        D020
DSC       E146         E147    | DS        D104 -D109
DS        E147                 | DS        D141
DSC       E148 -E149  E145  * | DS         D370
DS        I702                 | DS        D380
DSC       I709         I702    | DS        J00
DS        I730 -I739          | DS        J020 -J040
DS        K350 -K389          | DS        J042 -J069
DSC     M K400         K401    | DS        J311 -J312
DSC     M K402         K401    | DS        J350 -J399
DSC     M K403         K404    |
DSC     M K409         K404    |       --- R042 -R048   ---
DSC     M K410         K411    |
DSC     M K412         K411    | DS        A162 -A1690
DSC     M K413         K414    | DS        C320 -C349
DSC     M K419         K414    | DS        C780
DSC     M K420         K421    | DS        C783
DSC     M K429         K421    | DS        C910 -C959
DSC     M K430         K431    | DS        D020 -D022
DSC     M K439         K431    | DS        D141 -D143
DSC     M K440         K441    | DS        D380 -D381
DSC     M K449         K441    | DS        J040 -J22
DSC     M K450         K451    | DS        J370 -J387
DSC     M K458         K451    | DS        J393 -J989
DSC     M K460         K461    |
DSC     M K469         K461    |       --- R05   ---
IDDC    M L080         L88     |
IDDC    M L309         L88     | DS        F453
                              | DS        J101
        --- R030  ---          | DSC       J1010        J101
                              | DS        J111
DS        I10  -I139          | DSC       J1110        J111
                              | DS        R042
        --- R040  ---          |
                              |       --- R060  ---
DS        C300 -C319          |
DS        C783                | DS        A162 -A1690
DS        C910 -C959          | DS        B909
DS        D023                | DS        C33  -C399
DS        D140                | DS        C780 -C783
DS        D385                | DS        D142 -D159
DS        I10                 | DS        D381 -D383
DS        J00  -J019          | DS      M D385 -D386
DS        J068 -J069          | DS        J40  -J989
DS        J300 -J311          | DS      M P221
DS        J320 -J348          |
DS        J393 -J399          |       --- R061  ---
                              |
        --- R041  ---          | DS        J385
                              |
DS        C090 -C148          |       --- R062  ---
DS        C320 -C329          |
DS        C783                | DS        A162 -A1690
DS        C798                | DS        B909
DS        C910 -C959          | DS        C33  -C399
DS        D000                | DS        C780 -C783
```

```
                            TABLE E
     MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


            --- R062  ---          |          --- R18   ---
             CONTINUED             |           CONTINUED
DS           D142 -D159            | DS        C56
DS           D381 -D383            | DS        C784
DS       M   D385 -D386            | DS        C787 -C788
DS           J40  -J989            | DS        C796
DS       M   P221                  | DS        C80  -C969
                                   | DS        K700 -K709
            --- R064  ---          | DS        K740 -K746
                                   |
DS       M   F453                  |          --- R193  ---
IDDC     M   R060         R060     |
IDDC     M   R290         R068     | LMC       R104         R100

            --- R066  ---          |          --- R233  ---

DS       M   F453                  | DS        D690 -D699

            --- R090  ---          |          --- R238  ---

IDDC     M   G934         G931     | IDDC    M  B07          L82
IDDC     M   G939         G931     | IDDC    M  L309         L219
IDDC     M   N049         N170     | IDDC    M  L83          L82
DS           T360 -T659            |
                                   |      --- R250 -R258  ---
            --- R104  ---          |
                                   | DS        G110 -G119
DS           R100                  | DS        G20  -G259
DSC          R193         R100     | DS        G400 -G419
                                   | DS        G510
            --- R11   ---          | DS        G800 -G839
                                   |
DSC          J1010       J108      |      --- R260 -R268  ---
DS           J108                  |
DSC          J1110       J118      | DS        A521
DS           J118                  |
DS           K250 -K289            |          --- R270  ---
DS           K800 -K820            |
                                   | DS        A521
            --- R160  ---          | DSC       A523         A521
                                   | DS        G110 -G119
IDDC     M   R161         R162     | IDDC    M  G809         G804
                                   | IDDC    M  G822         E538
            --- R161  ---          | IDDC       G839         G119
                                   | IDDC    M  I781         G113
IDDC     M   D649        D648      | IDDC       R268         R260
IDDC         R160        R162      |
                                   |          --- R278  ---
            --- R17   ---          |
                                   | DS        A521
DS           B150 -B199            | DS        G110 -G119
DS           C220 -C259            |
DS           C787 -C788            |          --- R290  ---
DS           K700 -K839            |
                                   | DS        E200 -E209
            --- R18   ---          |
                                   |
DS           C160 -C269            |
                            E-314  (11-04)
```

```
          --- R291  ---              |          --- R34   ---
                                     |              CONTINUED
DSC        J1010         J108        | DS        D390 -D419
DS      M  J108                      | DS        N000 -N999
DSC        J1110         J118        | DS        Q600 -Q649
DS      M  J118                      | DS        T795
                                     |
           --- R298  ---             |          --- R35  -R398  ---
                                     |
DS         G800 -G839                | DS        C600 -C689
IDDC    M  R568          G403        | DS        C790 -C791
                                     | DS        C796
         --- R300 -R309  ---         | DS      M C798
                                     | DS        D060 -D061
DS         C600 -C689                | DS        D280 -D309
DS         C790 -C791                | DS        D390 -D419
DS         C796                      | DS        N000 -N999
DS      M  C798                      | DS        Q600 -Q649
DS         D060 -D061                |
DS         D280 -D309                |        --- R400 -R401   ---
DS         D390 -D419                |
DS         N000 -N999                | DS        E100
DS         Q600 -Q649                | DS        E107
                                     | DS        E110
          --- R31   ---              | DS        E117
                                     | DS        E120
DS         B508                      | DS        E127
DSC        B54           B508        | DS        E130
DS         C600 -C689                | DS        E137
DS         C790 -C791                | DS        E140
DS         C796                      | DS        E147
DS      M  C798                      | DS        E15
DS         D060 -D061                | DS        K729
DS         D280 -D309                | DS        S020 -S024
DS         D390 -D419                | DS        S026 -S029
DS         N000 -N999                | DS        S060 -S099
DS         Q600 -Q649                | DS        T902
                                     | DS        T905 -T909
         --- R32  -R33   ---         |
                                     |          --- R402  ---
DS         C600 -C689                |
DS         C790 -C791                | DS        E100
DS         C796                      | DSC    M  E101          E100
DS      M  C798                      | DSC    M  E101          E107
DS         D060 -D061                | DSC       E102 -E106    E107
DS         D280 -D309                | DS        E107
DS         D390 -D419                | DSC       E109          E100
DS         N000 -N999                | DS        E110
DS         Q600 -Q649                | DSC    M  E111          E110
                                     | DSC    M  E111          E117
          --- R34   ---              | DSC       E112 -E116    E117
                                     | DS        E117
DS         C600 -C689                | DSC       E119          E110
DS         C790 -C791                | DS        E120
DS         C796                      | DSC    M  E121          E120
DS      M  C798                      | DSC    M  E121          E127
DS         D060 -D061                | DSC       E122 -E126    E127
DS         D280 -D309                | DS        E127
```

```
        --- R402  ---            |         --- R54   ---
            CONTINUED            |             CONTINUED
DSC       E129         E120      | SENDC  M  J40          J42
DS        E130                   | SENDC  M  L130         L120
DSC    M  E131         E130      | SENDC  M  L299         L298
DSC    M  E131         E137      | SENDC  M  L859         L570
DSC       E132 -E136  E137       | SENDC  M  L909         L908
DS        E137                   | SENDC  M  M139         M199
DSC       E139         E130      | SENDC  M  M469         M479
DS        E140                   | SENDC     M819         M818   *
DSC    M  E141         E140      | SENDC  M  M839         M831
DSC    M  E141         E147      | SENDC  M  N760         N952
DSC       E142 -E146  E147       | SENDC  M  R02          I702
DS        E147                   | SENDC  M  R53          R54
DSC       E149         E140      | SENDC  M  R64          R54
DS        E15                    | SENDC  M  R688         R54
DSC       E160 -E162  E15        |
DS        K729                   |         --- R568  ---
DS        S020 -S024             |
DS        S026 -S029             | DS        A35
DS        S060 -S099             | DS        G400 -G419
DS        T902                   | DS        O100 -O11
DS        T905 -T909             | DS        O13  -O16
                                 | IDDC   M  R290         R290
         --- R509  ---           |
                                 |         --- R579  ---
IDDC   M  R568         R560      |
IDDC   M  R688         R500      | IDDC   M  J984         J80

         --- R529  ---           |      --- R58  -R5800 ---

DSC       G547         G546      | IDDC   M  D649         D500
                                 | IDDC   M  D649         D62
         --- R54   ---           | DS        K250
                                 | DSC       K251         K252
SENMC  M  B07          L82       | DS        K252
SENMC  M  D180         I781      | DSC       K253         K250
SENMC  M  D229         I781      | DS        K254
SENMC  M  E41          R54       | DSC       K255         K256
SENMC  M  F059         F051      | DS        K256
SENDC  M  F068         F03       | DSC       K257 -K259  K254
SENMC     F09          F03       | DS        K260
SENDC  M  F220         F03       | DSC       K261         K262
SENDC  M  F233         F03       | DS        K262
SENDC  M  F329         F03       | DSC       K263         K260
SENDC  M  F39          F03       | DS        K264
SENMC  M  F99          F03       | DSC       K265         K266
SENMC     G309 -G3090 G301       | DS        K266
SENDC  M  G319         G311      | DSC       K267 -K269  K264
SENDC  M  G379         I672      | DS        K270
SENDC  M  G409         G408      | DSC       K271         K272
SENDC  M  G939         G311      | DS        K272
SENDC  M  H269         H259      | DSC       K273         K270
SENDC  M  H525         H524      | DS        K274
SENDC  M  I129         N26       | DSC       K275         K276
SENDC  M  I509         R54       | DS        K276
SENDC  M  I519         I514      | DSC       K277 -K279  K274
SENDC  M  I776         I709      | DS        K280
```

```
        --- R58  -R5800 ---        |        --- R631   ---
              CONTINUED            |
DSC         K281          K282     | DS          E232
DS          K282                   | DS          N251
DSC         K283          K280     |
DS          K284                   |        --- R64    ---
DSC         K285          K286     |
DS          K286                   | DSC         B24           B222
DSC         K287 -K289   K284      | DS          E41
IDDC    M  R05           R042      | DSC         E46           E41
                                   | DSC         R75           B222  *
          --- R590   ---           |
                                   |        --- R688   ---
DS          B270 -B279             |
DS          C810 -C969             | IDDC    M  R509           R500
                                   |
          --- R591   ---           |        --- R730   ---
                                   |
DSC         B24          B231      | DS          E100 -E162
DS          B270 -B279             | DS          E891
DS      M  B588                    |
DSC         B589         B588      |        --- R75    ---
DS          C810 -C969             |
DSC         R75          B231  *   | IDDC        A000 -A059   B201
                                   | IDDC        A060 -A079   B208
          --- R599   ---           | IDDC        A080 -A085   B203
                                   | IDDC        A09          B208
DS          B270 -B279             | IDDC        A162 -A199   B200
DS          C810 -C969             | IDDC        A200 -A309   B201
                                   | IDDC        A310         B200  *
        --- R600 -R601   ---       | IDDC        A318 -A319   B200  *
                                   | IDDC        A320 -A427   B201  *
DS          E43                    | IDDC        A429 -A58    B201  *
DS          E877                   | IDDC        A590 -A599   B208
DS          N000 -N058             | IDDC        A601 -A609   B203  *
DSC         N059         N049      | IDDC        A630 -A64    B208
                                   | IDDC        A65  -A70    B201  *
          --- R609   ---           | IDDC        A748 -A799   B201  *
                                   | IDDC        A800 -B001   B203  *
DS          E43                    | IDDC        B003 -B004   B203  *
DS          E877                   | IDDC        B007         B203  *
DS          N000 -N058             | IDDC        B009 -B069   B203  *
IDDC    M  N059         N049       | IDDC        B080         B203  *
IDDC    M  R64          E43        | IDDC        B082 -B085   B203  *
                                   | IDDC        B09  -B199   B203  *
          --- R628   ---           | IDDC        B250 -B259   B202
                                   | IDDC        B260 -B279   B203  *
DSC         B24          B222      | IDDC        B330 -B349   B203  *
DS          E45                    | IDDC        B370 -B379   B204
DSC     M  E46          E45        | IDDC        B380 -B49    B205
DSC         R75          B222  *   | IDDC        B580 -B589   B208  *
                                   | IDDC        B59          B206
          --- R630   ---           | IDDC        B600 -B64    B208
                                   | IDDC        B99          B209
DS          F500                   | IDDC        C000 -C459   B218
                                   | IDDC        C460 -C469   B210
                                   | IDDC        C470 -C798   B218
                                   | IDDC        C80          B219
                                   |
```

MODIFICATION: SELECTION RULE 3, MODIFICATION RULES A, C, AND D

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              --- R75   ---      |              --- R75   ---
                CONTINUED        |                CONTINUED
IDDC      C810 -C819  B213       | IDDC   M E061              B203
IDDC      C820 -C836  B212       | IDDC   M E061              B208
IDDC      C837        B211       | IDDC   M E062 -E063        B201
IDDC      C838 -C859  B212       | IDDC   M E062 -E063        B203
IDDC      C880 -C969  B213       | IDDC   M E062 -E063        B208
IDDC      C97         B217       | IDDC   M E065              B201
IDDC      D500        B232       | IDDC   M E065              B203
IDDC   M  D501 -D508  B232       | IDDC   M E065              B208
IDDC      D509        B232       | IDDC   M E069              B201
IDDC      D519 -D520  B232       | IDDC   M E069              B203
IDDC   M  D528        B232       | IDDC   M E069              B208
IDDC      D529        B232       | IDDC   M E15               B238
IDDC   M  D530 -D539  B232       | IDDC   M E161 -E162        B238
IDDC      D591        B232       | IDDC     E169              B238
IDDC      D593        B232       | IDDC   M E220 -E237        B238  *
IDDC   M  D598        B232       | IDDC     E249              B238
IDDC      D599 -D609  B232       | IDDC     E272              B238
IDDC   M  D618        B232       | IDDC     E274 -E279        B238
IDDC      D619 -D62   B232       | IDDC     E310              B238
IDDC      D641        B232       | IDDC     E319              B238
IDDC   M  D643        B232       | IDDC     E329              B238
IDDC   M  D648        B232       | IDDC     E349 -E649        B238
IDDC      D649 -D65   B232       | IDDC     E749              B238
IDDC      D684        B232       | IDDC     E756              B238
IDDC   M  D688        B232       | IDDC     E86  -E878        B238
IDDC      D689        B232       | IDDC     E889              B238
IDDC   M  D695 -D70   B232       | IDDC     F03               B220
IDDC   M  D728        B232       | IDDC     G000 -G009        B201  *
IDDC      D729 -D735  B232       | IDDC     G030 -G039        B208
IDDC   M  D738        B201       | IDDC     G042              B201
IDDC   M  D738        B203       | IDDC     G048 -G049        B208
IDDC   M  D738        B208       | IDDC   M G060 -G09         B201
IDDC   M  D738        B232       | IDDC   M G060 -G09         B203
IDDC      D739        B232       | IDDC   M G060 -G09         B208
IDDC   M  D748        B232       | IDDC     G218 -G219        B220
IDDC      D749        B232       | IDDC     G238 -G239        B220
IDDC   M  D751        B232       | IDDC     G249              B220
IDDC   M  D758        B232       | IDDC     G255              B220
IDDC      D759        B232       | IDDC     G259              B220
IDDC      D762        B232       | IDDC     G319              B220
IDDC      D801 -D806  B232       | IDDC     G369              B220
IDDC   M  D808 -D819  B232       | IDDC   M G373 -G374        B201
IDDC   M  D830 -D848  B232       | IDDC   M G373 -G374        B203
IDDC      D849        B232       | IDDC   M G373 -G374        B208
IDDC      D890        B232       | IDDC     G379              B220
IDDC   M  D891        B232       | IDDC     G520 -G529        B220  *
IDDC      D892        B232       | IDDC   M G589              B201
IDDC   M  D898        B232       | IDDC   M G589              B203
IDDC      D899        B232       | IDDC   M G589              B208
IDDC   M  E033        B201       | IDDC   M G589              B220
IDDC   M  E033        B203       | IDDC   M G610 -G619        B201
IDDC   M  E033        B208       | IDDC   M G610 -G619        B203
IDDC   M  E060        B201       | IDDC   M G610 -G619        B208
IDDC   M  E060        B203       | IDDC   M G628              B201  *
IDDC   M  E060        B208       | IDDC   M G628              B203  *
IDDC   M  E061        B201       | IDDC   M G628              B208  *
```

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            --- R75   ---          |          --- R75    ---
              CONTINUED            |            CONTINUED
IDDC   M  G628 -G629  B220         | IDDC        I422        B238
IDDC      G64         B220         | IDDC        I423        B238
IDDC      G728 -G729  B220         | IDDC        I428        B238
IDDC      G903 -G912  B220         | IDDC        I429        B238
IDDC      G918 -G919  B220         | IDDC        I440 -I461  B238   *
IDDC      G930 -G936  B220         | IDDC        I470 -I513  B238   *
IDDC   M  G938        B220         | IDDC    M   I514        B208
IDDC      G939        B220         | IDDC        I515        B238
IDDC      G951 -G952  B220         | IDDC        I516 -I517  B238
IDDC   M  G958        B220         | IDDC    M   I518        B201
IDDC      G959 -G969  B220         | IDDC    M   I518        B208
IDDC      G98         B220         | IDDC    M   I518        B238
IDDC   M  H050 -H059  B203    *    | IDDC        I519        B238
IDDC   M  H050 -H059  B208    *    | IDDC    M   I600 -I64   B238
IDDC   M  H050 -H059  B238    *    | IDDC    M   I676 -I698  B238
IDDC   M  H440 -H449  B203    *    | IDDC    M   I677        B201
IDDC   M  H440 -H449  B208    *    | IDDC    M   I677        B203
IDDC   M  H440 -H449  B238    *    | IDDC    M   I677        B208
IDDC   M  H590 -H599  B203    *    | IDDC        I739 -I749  B238
IDDC   M  H590 -H599  B208    *    | IDDC        I771 -I775  B238
IDDC   M  H590 -H599  B238    *    | IDDC    M   I776        B201
IDDC   M  H650 -H749  B203    *    | IDDC    M   I776        B203
IDDC   M  H650 -H749  B208    *    | IDDC    M   I776        B208
IDDC   M  H650 -H749  B238    *    | IDDC        I778 -I779  B238
IDDC   M  H810 -H832  B203    *    | IDDC        I788 -I789  B238
IDDC   M  H810 -H832  B208    *    | IDDC    M   I800 -I809  B201
IDDC   M  H810 -H832  B238    *    | IDDC    M   I800 -I809  B203
IDDC   M  H950 -H959  B203    *    | IDDC    M   I800 -I809  B208
IDDC   M  H950 -H959  B208    *    | IDDC        I81  -I820  B238
IDDC   M  H950 -H959  B238    *    | IDDC    M   I821        B201
IDDC      I210 -I249  B238         | IDDC    M   I821        B203
IDDC      I252        B238         | IDDC    M   I821        B208
IDDC      I255 -I269  B238         | IDDC        I822 -I829  B238
IDDC   M  I278 -I279  B238         | IDDC        I870 -I879  B238
IDDC      I288 -I289  B238         | IDDC    M   I880 -I889  B201
IDDC   M  I301 -I309  B201         | IDDC    M   I880 -I889  B203
IDDC   M  I301 -I309  B203         | IDDC    M   I880 -I889  B208
IDDC   M  I301 -I311  B208         | IDDC        I890        B238
IDDC   M  I310 -I311  B201         | IDDC    M   I891        B201
IDDC   M  I310 -I311  B203         | IDDC    M   I891        B203
IDDC   M  I312 -I319  B238         | IDDC    M   I891        B208
IDDC   M  I319        B201         | IDDC        I898 -I899  B238
IDDC   M  I319        B203         | IDDC        I951        B238
IDDC   M  I319        B208         | IDDC        I958        B238   *
IDDC   M  I330 -I339  B201         | IDDC    M   J010 -J019  B201   *
IDDC   M  I330 -I339  B203         | IDDC    M   J010 -J019  B203   *
IDDC   M  I330 -I339  B208         | IDDC    M   J010 -J019  B208   *
IDDC   M  I340 -I38   B201         | IDDC        J020        B201
IDDC   M  I340 -I38   B203         | IDDC    M   J028 -J029  B201
IDDC   M  I340 -I38   B208         | IDDC    M   J028 -J029  B203
IDDC   M  I340 -I38   B238         | IDDC    M   J028 -J029  B208
IDDC   M  I400 -I409  B201         | IDDC        J030        B201
IDDC   M  I400 -I409  B203         | IDDC    M   J038 -J051  B201   *
IDDC   M  I400 -I409  B208         | IDDC    M   J038 -J051  B203
IDDC      I420        B238         | IDDC    M   J038 -J051  B208
IDDC      I421        B238         | IDDC        J120 -J129  B203
```

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            --- R75   ---          |          --- R75   ---
                CONTINUED          |              CONTINUED
IDDC        J13 -J160   B201  | IDDC   M J988          B201
IDDC        J168 -J189  B208  | IDDC   M J988          B203
IDDC        J200 -J202  B201  | IDDC   M J988          B208
IDDC        J203 -J207  B203  | IDDC   M K120 -K137    B238
IDDC    M   J208 -J209  B201  | IDDC   M K121 -K122    B201
IDDC    M   J208 -J209  B203  | IDDC   M K121 -K122    B203
IDDC    M   J208 -J209  B208  | IDDC   M K121 -K122    B208
IDDC        J210        B203  | IDDC   M K20  -K210    B201
IDDC    M   J218 -J219  B201  | IDDC   M K20  -K210    B203
IDDC    M   J218 -J219  B203  | IDDC   M K20  -K210    B208
IDDC    M   J218 -J219  B208  | IDDC     K220          B238
IDDC    M   J310 -J329  B201  | IDDC   M K221          B238
IDDC    M   J310 -J329  B203  | IDDC     K222 -K289    B238
IDDC    M   J310 -J329  B208  | IDDC   M K290 -K291    B201
IDDC    M   J340        B201  | IDDC   M K290 -K291    B203
IDDC    M   J340        B203  | IDDC   M K290 -K291    B208
IDDC    M   J340        B208  | IDDC   M K293 -K299    B201
IDDC        J341        B238 *| IDDC   M K293 -K299    B203
IDDC        J343 -J348  B238 *| IDDC   M K293 -K299    B208
IDDC    M   J36  -J371  B201  | IDDC     K30  -K3190   B238
IDDC    M   J36  -J371  B203  | IDDC     K500 -K509    B238
IDDC    M   J36  -J371  B208  | IDDC     K528 -K529    B208 *
IDDC    M   J380 -J387  B238  | IDDC   M K550 -K559    B201
IDDC    M   J382 -J383  B201  | IDDC   M K550 -K559    B203
IDDC    M   J382 -J383  B203  | IDDC   M K550 -K559    B208
IDDC    M   J382 -J383  B208  | IDDC   M K550 -K559    B238
IDDC    M   J387 -J391  B201  | IDDC   M K580          B201
IDDC    M   J387 -J391  B203  | IDDC   M K580          B203
IDDC    M   J387 -J391  B208  | IDDC   M K580          B208
IDDC        J392 -J399  B238  | IDDC     K589 -K605    B238
IDDC    M   J40  -J42   B201  | IDDC   M K610 -K614    B201
IDDC    M   J40  -J42   B203  | IDDC   M K610 -K614    B203
IDDC    M   J40  -J42   B208  | IDDC   M K610 -K614    B208
IDDC        J47         B238  | IDDC     K620 -K626    B238
IDDC        J690 -J698  B238  | IDDC   M K628          B201
IDDC        J80  -J81   B238  | IDDC   M K628          B203
IDDC    M   J840 -J841  B238 *| IDDC   M K628          B208
IDDC    M   J840 -J848  B201  | IDDC   M K628          B238
IDDC    M   J840 -J848  B203  | IDDC     K629          B238
IDDC    M   J840 -J848  B208  | IDDC   M K630          B201
IDDC    M   J848        B238 *| IDDC   M K630          B203
IDDC    M   J849 -J8490 B208  | IDDC   M K630          B208
IDDC    M   J850        B201 *| IDDC     K631 -K6310   B238 *
IDDC    M   J850        B203 *| IDDC   M K632          B201
IDDC    M   J850        B208 *| IDDC   M K632          B203
IDDC    M   J851 -J869  B201  | IDDC   M K632          B208
IDDC    M   J851 -J869  B203  | IDDC     K633 -K634    B238
IDDC    M   J851 -J869  B208  | IDDC   M K638          B201
IDDC        J929 -J949  B238  | IDDC   M K638          B203
IDDC    M   J961        B238 *| IDDC   M K638          B208
IDDC    M   J980 -J989  B238 *| IDDC   M K638          B238
IDDC    M   J984        B201  | IDDC     K639          B238
IDDC    M   J984        B208  | IDDC   M K650 -K659    B201
IDDC    M   J985        B201  | IDDC   M K650 -K659    B203
IDDC    M   J985        B203  | IDDC   M K650 -K659    B208
IDDC    M   J985        B208  | IDDC     K660 -K669    B238
```

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        --- R75  ---           |       --- R75   ---
          CONTINUED            |         CONTINUED
IDDC   M  K720 -K729  B201     | IDDC   M  M354           B203
IDDC   M  K720 -K7290 B238     | IDDC   M  M354           B208
IDDC   M  K750 -K759  B201     | IDDC      M355           B238
IDDC   M  K750 -K759  B203     | IDDC   M  M356           B201
IDDC   M  K750 -K759  B208     | IDDC   M  M356           B203
IDDC      K760 -K769  B238     | IDDC      M356           B208
IDDC   M  K810 -K819  B201     | IDDC      M357 -M359     B238
IDDC   M  K810 -K819  B203     | IDDC   M  M45  -M479     B201
IDDC   M  K810 -K819  B208     | IDDC   M  M45  -M479     B203
IDDC      K820 -K822  B238     | IDDC   M  M45  -M479     B208
IDDC      K824 -K829  B238     | IDDC      M481 -M489     B238   *
IDDC   M  K830        B201     | IDDC      M619 -M629     B238
IDDC   M  K830        B203     | IDDC   M  M720 -M729     B201   *
IDDC   M  K830        B208     | IDDC   M  M720 -M729     B203   *
IDDC      K831 -K832  B238     | IDDC   M  M720 -M729     B208   *
IDDC      K834 -K839  B238     | IDDC   M  M720 -M729     B238   *
IDDC   M  K85         B201     | IDDC      M809           B238
IDDC   M  K85         B203     | IDDC      M816 -M819     B238
IDDC   M  K85         B208     | IDDC      M833           B238
IDDC   M  K861        B201     | IDDC      M839           B238
IDDC   M  K861        B203     | IDDC   M  M860 -M869     B201
IDDC   M  K861        B208     | IDDC   M  M860 -M869     B203
IDDC      K862 -K869  B238     | IDDC   M  M860 -M869     B208
IDDC      K908 -K909  B238     | IDDC      M873 -M879     B238
IDDC      K920 -K929  B238     | IDDC      M899           B238
IDDC   M  L00         B201  *  | IDDC   M  M939           B201
IDDC   M  L00         B203  *  | IDDC   M  M939           B203
IDDC   M  L00         B208  *  | IDDC   M  M939           B208
IDDC   M  L020 -L029  B201  *  | IDDC   M  M939           B238
IDDC   M  L020 -L029  B203  *  | IDDC   M  M949           B238
IDDC   M  L020 -L029  B208  *  | IDDC   M  N000 -N019     B201
IDDC   M  L031 -L039  B201  *  | IDDC   M  N000 -N019     B208
IDDC   M  L031 -L039  B203  *  | IDDC      N020 -N029     B238
IDDC   M  L031 -L039  B208  *  | IDDC   M  N030 -N039     B201
IDDC   M  L089        B201  *  | IDDC   M  N030 -N039     B208
IDDC   M  L089        B203  *  | IDDC      N040 -N049     B238
IDDC   M  L089        B208  *  | IDDC   M  N050 -N059     B201
IDDC      L89         B238     | IDDC   M  N050 -N059     B208
IDDC   M  L950 -L959  B201     | IDDC      N060 -N069     B238
IDDC   M  L950 -L959  B203     | IDDC   M  N10  -N12      B201
IDDC   M  L950 -L959  B208     | IDDC   M  N10  -N12      B208
IDDC      L97         B238     | IDDC      N130 -N135     B238
IDDC      L984        B238     | IDDC   M  N136           B201
IDDC   M  M000 -M1990 B201     | IDDC   M  N136           B208
IDDC   M  M000 -M1990 B203     | IDDC      N137 -N139     B238
IDDC   M  M000 -M1990 B208     | IDDC      N150           B238
IDDC   M  M300 -M308  B201  *  | IDDC   M  N151           B201
IDDC   M  M300 -M308  B203  *  | IDDC   M  N151           B208
IDDC   M  M300 -M308  B208  *  | IDDC   M  N158 -N159     B238
IDDC   M  M310 -M319  B238  *  | IDDC   M  N159           B201
IDDC      M321 -M329  B238     | IDDC   M  N159           B208
IDDC   M  M330 -M339  B201     | IDDC      N170 -N180     B238
IDDC   M  M330 -M339  B203     | IDDC   M  N188           B238
IDDC   M  M330 -M339  B208     | IDDC      N189 -N281     B238
IDDC      M340 -M352  B238  *  | IDDC   M  N288           B201
IDDC   M  M354        B201     | IDDC   M  N288           B208
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MODIFICATION: SELECTION RULE 3, MODIFICATION RULES A, C, AND D

```
            --- R75   ---                    |           --- R788  ---
            CONTINUED                        |
IDDC    M  N288            B238              | DS          A000 -A079
IDDC       N289            B238              | DS          A09  -A499
IDDC    M  N300 -N303      B201              | DS          J13  -J159
IDDC    M  N300 -N303      B208              | DS          J180 -J189
IDDC    M  N308 -N309      B201              |
IDDC    M  N308 -N309      B208              |           --- R798  ---
IDDC       N310 -N320      B238              |
IDDC       N323 -N329      B238              | DSC    M    E100           E107
IDDC    M  N340 -N342      B201              | DS          E101
IDDC    M  N340 -N342      B208              | DSC    M    E102 -E106     E107
IDDC       N343            B238              | DS     M    E107
IDDC       N358 -N359      B238              | DSC    M    E109           E101
IDDC       N361 -N369      B238              | DSC    M    E110           E117
IDDC    M  N390            B201              | DS          E111
IDDC    M  N390            B208              | DSC    M    E112 -E116     E117
IDDC       N391 -N392      B238 *           | DS     M    E117
IDDC       N394 -N40       B238 *           | DSC    M    E119           E111
IDDC    M  N410 -N419      B201              | DSC    M    E120           E127
IDDC       N420 -N430      B238              | DS          E121
IDDC       N432 -N44       B238              | DSC    M    E122 -E126     E127
IDDC    M  N450 -N459      B201              | DS     M    E127
IDDC       N480            B238              | DSC    M    E129           E121
IDDC    M  N481 -N482      B201              | DSC    M    E130           E137
IDDC       N485 -N489      B238              | DS          E131
IDDC    M  N490 -N499      B201              | DSC    M    E132 -E136     E137
IDDC       N500 -N509      B238 *           | DS     M    E137
IDDC    M  N61             B208              | DSC    M    E139           E131
IDDC       N640 -N649      B238              | DSC    M    E140           E147
IDDC    M  N700 -N768      B208              | DS          E141
IDDC       N800 -N819      B238              | DSC    M    E142 -E146     E147
IDDC    M  N820 -N829      B208              | DS     M    E147
IDDC    M  N820 -N829      B238              | DSC    M    E149           E141
IDDC       N830 -N839      B238 *           |
IDDC       P230            B203 *           |           --- R799  ---
IDDC       P231 -P236      B201 *           |
IDDC       P238 -P239      B208 *           | DS          E101
IDDC       P350 -P359      B203 *           | DS     M    E107
IDDC       P360 -P369      B201 *           | DS          E111
IDDC       P370            B200 *           | DS     M    E117
IDDC       P371 -P374      B208 *           | DS          E121
IDDC       P375            B204 *           | DS     M    E127
IDDC       P378            B208 *           | DS          E131
IDDC       P379            B209 *           | DS     M    E137
IDDC       P38  -P398      B208 *           | DS          E141
IDDC       P399            B209 *           | DS     M    E147
IDDC       P60  -P619      B232 *           |
IDDC       R591            B231 *           |           --- R80   ---
IDDC       R628            B222 *           |
IDDC       R64             B222              | DS          C900
                                             | DS          D511
            --- R780  ---                     | DSC         D649           D511
                                             | DS          N000 -N079
DS         F101 -F109                         | DS          N170 -N19
                                             | DS          N250 -N289
```

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                          TABLE E
         MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


         --- R81   ---              |        --- T861  ---
                                    |
DS           E100 -E149             | DS          Y600 -Y847
DS       M   E748                   | DS      M   Y848
                                    | DS          Y849
         --- R823  ---              |
                                    |        --- T862 -T889  ---
DS           B508                   |
DSC          B54            B508    | DS          Y600 -Y849
DS           D595 -D596             |
IDDC     M   D599          D596     |    --- T900 -T983  ---
IDDC     M   N049          N170     |
                                    | DS          V010 -Y899
         --- R824  ---              |
                                    |    --- V010 -V327  ---
DS           E101                   |
DS       M   E107                   | LMP         A35
DS           E111                   | DS      M   G400 -G419
DS       M   E117                   |
DS           E121                   |        --- V329  ---
DS       M   E127                   |
DS           E131                   | DS      M   G400 -G419
DS       M   E137                   |
DS           E141                   |    --- V330 -V496  ---
DS       M   E147                   |
                                    | LMP         A35
         --- R826  ---              | DS      M   G400 -G419
                                    |
DS           F100 -F109             |        --- V498  ---
                                    |
         --- R893  ---              | LMP         A35
                                    | DS      M   G400 -G419          *
DS           F100 -F109             |
                                    |    --- V499 -V544  ---
         --- R97   ---              |
                                    | LMP         A35
LMP          R000 -R961             | DS      M   G400 -G419
LMP          R98  -R99              |
                                    |        --- V545  ---
   --- S000 -T750  ---              |
                                    | LMP         A35
DS           V010 -Y899             | DS      M   G400 -G419          *
                                    |
         --- T751  ---              |    --- V546 -V637  ---
                                    |
DS           P035             * | LMP         A35
DS           V010 -Y899             | DS      M   G400 -G419
                                    |
   --- T752 -T799  ---              |    --- V640 -V735  ---
                                    |
DS           V010 -Y899             | LMP         A35
                                    | DS      M   G400 -G419
   --- T800 -T860  ---              |
                                    |        --- V737  ---
DS           Y600 -Y849             |
                                    | LMP         A35
                                    |   DS      M   G400 -G419
                                    |
                                    |
                           E-323  (11-04)
```

```
                             TABLE E
        MODIFICATION:  SELECTION RULE 3, MODIFICATION RULES A, C, AND D


          --- V749 -V757  ---       |         --- W78   ---
                                    |            CONTINUED
LMP          A35                    | DS          R298
DS       M  G400 -G419              | DS      M  V010 -W77
                                    | DS      M  W79  -Y899
          --- V760 -V828  ---       |
                                    |
LMP          A35                    |         --- W79   ---
DS       M  G400 -G419              |
                                    | DS          A000 -A059
          --- V830 -W77   ---       | DS          A080 -A09
                                    | DS      M  A183
LMP          A35                    | LMP         A35
DS       M  G400 -G419              | DS          A504
                                    | DS          A521
          --- W78   ---             | DS          A800 -A809
                                    | DS          C000 -C159
                                    | DS      M  C788
DS           A000 -A059             | DS      M  C810 -C902
DS           A080 -A09              | DS          D000 -D001
DS       M  A183                    | DS          D100 -D109
LMP          A35                    | DS          D130
DS           A504                   | DS          D370
DS           A521                   | DS      M  D377
DS           A800 -A809             | DS          E713
DS           C000 -C159             | DS          E750 -E756
DS       M  C788                    | DS          F100 -F109
DS       M  C810 -C902              | DS          F444
DS           D000 -D001             | DS          F71  -F79
DS           D100 -D109             | DS          G10  -G379
DS           D130                   | DS      M  G400 -G419
DS           D370                   | DS          G514
DS       M  D377                    | DS          G527
DS           E713                   | DS      M  G600 -G609
DS           E750 -E756             | DS          G700 -G900
DS           F100 -F109             | DS          G903
DS           F444                   | DS          G937 -G938
DS           F71  -F79              | DS          G950 -G959
DS           G10  -G379             | DS          G961
DS       M  G400 -G419              | DS          I600 -I698
DS           G514                   | DS      M  J380 -J392
DS           G527                   | DS      M  K130
DS       M  G600 -G609              | DS          K135 -K136
DS           G700 -G900             | DS      M  K137
DS           G903                   | DS          K20  -K319
DS           G937 -G938             | DS      M  K920 -K929
DS           G950 -G959             | DS          Q351 -Q379
DS           G961                   | DS      M  Q380 -Q400
DS           I600 -I698             | DS          R11
DS       M  J380 -J392              | DS          R13
DS       M  K130                    | DS          R298
DS           K135 -K136             | DS      M  V010 -W78
DS       M  K137                    | DS      M  W80  -Y899
DS           K20  -K319             |
DS       M  K920 -K929              |         --- W80   ---
DS           Q351 -Q379             |
DS       M  Q380 -Q400              | DS          A000 -A059
DS           R11                    | DS          A080 -A09
DS           R13                    | DS      M  A183
```

```
            --- W80   ---       |      --- X33  -X38    ---
               CONTINUED        |
LMP         A35                 | LMP         A35
DS          A504                |
DS          A521                |      --- X39    ---
DS          A800 -A809          |
DS          C000 -C159          | LMP         A35
DS      M   C788                | DS      M   G400 -G419          *
DS      M   C810 -C902          |
DS          D000 -D001          |      --- X40  -X44    ---
DS          D100 -D109          |
DS          D130                | LMP         A35
DS          D370                | LMP         F112
DS      M   D377                | LMP         F122
DS          E713                | LMP         F132
DS          E750 -E756          | LMP         F142
DS          F100 -F109          | LMP         F152
DS          F444                | LMP         F162
DS          F71  -F79           | LMP         F182
DS          G10  -G379          | LMP         F192
DS      M   G400 -G419          |
DS          G514                |      --- X45    ---
DS          G527                |
DS      M   G600 -G609          | LMP         A35
DS          G700 -G900          | LMP         F102
DS          G903                |
DS          G937 -G938          |      --- X46    ---
DS          G950 -G959          |
DS          G961                | LMP         A35
DS          I600 -I698          | LMP         F112
DS      M   J380 -J392          | LMP         F122
DS      M   K130                | LMP         F132
DS          K135 -K136          | LMP         F142
DS      M   K137                | LMP         F152
DS          K20  -K319          | LMP         F162
DS      M   K920 -K929          | LMP         F182
DS          Q351 -Q379          | LMP         F192
DS      M   Q380 -Q400          |
DS          R11                 |      --- X47    ---
DS          R13                 |
DS          R298                | LMP         A35
DS      M   V010 -W79           | LMP     M   F102
DS      M   W81  -Y899          | LMP         F112
                                | LMP         F122
     --- W81  -X19   ---         | LMP         F132
                                | LMP         F142
LMP         A35                 | LMP         F152
DS      M   G400 -G419          | LMP         F162
                                | LMP         F182
     --- X20  -X29   ---         | LMP         F192
                                |
LMP         A35                 |      --- X48    ---
                                |
     --- X30  -X32   ---         | LMP         A35
                                | LMP         F112
LMP         A35                 | LMP         F122
DS      M   G400 -G419      * | LMP         F132
                                | LMP         F142
```

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            --- X48   ---            |           --- Y19    ---
              CONTINUED              |             CONTINUED
LMP         F152                     | LMP     M  F162
LMP         F162                     | LMP     M  F172
LMP         F182                     | LMP     M  F182
LMP         F192                     | LMP     M  F192
                                     |
            --- X49   ---            |        --- Y850 -Y86    ---
                                     |
LMP         A35                      | DS      M  G400 -G419
LMP         F112                     |
LMP         F122                     |        --- Y872   ---
LMP         F132                     |
LMP         F142                     | DS      M  G400 -G419
LMP         F152                     |
LMP         F162                     |
LMP      M  F172                     |
LMP         F182                     |
LMP         F192                     |
                                     |
         --- X50  -X59    ---        |
                                     |
LMP         A35                      |
DS       M  G400 -G419               |
                                     |
         --- Y10  -Y14    ---        |
                                     |
LMP         F112                     |
LMP         F122                     |
LMP         F132                     |
LMP         F142                     |
LMP         F152                     |
LMP         F162                     |
LMP         F182                     |
LMP         F192                     |
                                     |
            --- Y15   ---            |
                                     |
LMP         F102                     |
                                     |
         --- Y16  -Y18    ---        |
                                     |
LMP         F112                     |
LMP         F122                     |
LMP         F132                     |
LMP         F142                     |
LMP         F152                     |
LMP      M  F162                     |
LMP      M  F182                     |
LMP      M  F192                     |
                                     |
            --- Y19    ---           |
                                     |
LMP         F112                     |
LMP         F122                     |
LMP         F132                     |
LMP         F142                     |
LMP         F152                     |
```

```
--- A061  ---

LMC   M  G060          A066   Suba must be an abscess
LMC   M  L020 -L029    A064   Suba must be an abscess

--- A062 -A063  ---

LMC   M  G060          A066   Suba must be an abscess

--- A069  ---

LMC   M  G060          A066   Suba must be an abscess
SDC   M  K628          A060   Suba must be proctitis
LMC   M  L020 -L029    A067   Suba must be an abscess

--- A1690 ---

SDC   M  A527          A184   Suba must be gumma NOS
SDC   M  B07           A184   Suba must be warts NOS and/or verruca
SDC   M  D738          A188   Suba must be perisplenitis and/or
                              splenitis
SDC   M  E060 -E063    A188   Suba must be thyroiditis
SDC   M  E065 -E069    A188   Suba must be thyroiditis
SDC   M  E274          A187   Suba must be indexed as tuberculous
SDC   M  G062          A170   Suba must be abscess meninges, cerebral
                              meninges, or spinal meninges
SDC   M  G318 -G319    A178   Suba must be modified as tuberculous in
                              VOL3
SDC   M  G629          A178   Suba must be indexed as tuberculous
SDC   M  G961          A170   Suba must be meninges adhesions
SDC   M  H000 -H579    A185   Suba must be indexed as tuberculous
SDC   M  H600 -H939    A186   Suba must be indexed as tuberculous
SDC   M  J387          A164   Suba must be perichondritis larynx
SDC   M  J398          A164   Suba must be stenosis, stricture
                              trachea
SDC   M  J860          A162   Suba must be fistula lung
SDC   M  J860          A164   Suba must be a fistula of specified
                              sites excluding lung
SDC   M  J984          A162   Suba must be modified as tuberculous in
                              VOL3
SDC   M  J985          A168   Suba must be modified as tuberculous in
                              VOL3
SDC   M  K628          A183   Suba must be modified as tuberculous in
                              VOL3
SDC   M  K720 -K729    A188   Suba must be hepatitis
SDC   M  K868          A188   Suba must be modified as tuberculous in
                              VOL3
SDC   M  L280          A184   Suba must be modified as tuberculous in
                              VOL3
SDC   M  M710 -M713    A180   Suba must be modified as tuberculous in
                              VOL3
SDC   M  M715 -M719    A180   Suba must be modified as tuberculous in
                              VOL3
SDC   M  M948          A180   Suba must be modified as tuberculous in
                              VOL3
SDC   M  N288          A181   Suba must be modified as tuberculous in
                              VOL3
```

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--- A1690 ---
   CONTINUED
SDC   M  N328          A181  Suba must be modified as tuberculous in
                             VOL3
SDC   M  N508          A181  Suba must be modified as tuberculous in
                             VOL3


--- A170  ---

LMP   M  A162 -A1690         Suba cannot be due to addr or have a
                             shorter duration

--- A171 -A188  ---

LMP   M  A162 -A1690         Suba must not be reported as cause of
                             addr and addr does not have a duration
                             exceeding suba

--- A329  ---

SDC   M  I340 -I38   A328  Suba must be endocarditis

--- A369  ---

SDC   M  J387          A362  Suba must be ulcer larynx
SDC   M  J392          A360  Suba must be paralysis throat

--- A399  ---

SDC   M  A400 -A418  A392  Suba must be acute septicemia
SDC   M  A400 -A418  A393  Suba must be chronic septicemia
SDC   M  A400 -A418  A394  Suba must be septicemia
SDC   M  A419        A392  Suba must be acute septicemia
SDC   M  A419        A393  Suba must be chronic septicemia
SDC   M  A419        A394  Suba must be septicemia
SDC   M  E278        A391  Suba must be adrenalitis
SDC   M  I319        A395  Suba must be pericarditis or have a
                             modifier in VOL3 of meningococcal
SDC   M  I340 -I38   A395  Suba must be endocarditis

--- A400 -A419  ---

SMP   M  A039               Suba must be septicemia
SMP   M  A217               Suba must be septicemia
SMP   M  A239               Suba must be septicemia
SMP   M  A241               Suba must be septicemia
SMP   M  A280               Suba must be septicemia
SMP   M  A282               Suba must be septicemia
SMP   M  A391 -A394         Suba must be septicemia
SMP   M  B007               Suba must be septicemia

--- A429  ---

SDC   M  J00  -J069  A420  Suba must have a modifier of
                             actinomycotic in VOL3
SDC   M  J120 -J129  A420  Suba must have a modifier of
                             actinomycotic in VOL3
```

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--- A429 ---
   CONTINUED
SDC   M  J200 -J989  A420   Suba must have a modifier of
                            actinomycotic in VOL3
SDC   M  K000 -K929  A421   Suba must have a modifier of
                            actinomycotic in VOL3
SDC   M  L00  -L989  A428   Suba must have a modifier of
                            actinomycotic in VOL3

--- A439 ---

SDC   M  J00  -J069  A430   Suba must have a modifier of
                            nocardiosis in VOL3
SDC   M  J120 -J129  A430   Suba must have a modifier of
                            nocardiosis in VOL3
SDC   M  J200 -J989  A430   Suba must have a modifier of
                            nocardiosis in VOL3
SDC   M  L00  -L989  A431   Suba must have a modifier of
                            nocardiosis in VOL3

--- A480 ---

SDC   M  A419        A414   Addr must be clostridium perfringens
                            (infection) or clostridium whelchii
                            (infection)

--- A502 ---

SDC   M  K759        A500   Suba must be hepatitis

--- A509 ---

SDC   M  J348        A505   Suba must be perforation nasal septum
SDC   M  J386 -J387  A505   Suba must be perichronditis larynx
SDC   M  K222        A505   Suba must be stricture esophagus
SDC   M  K759        A500   Suba must be hepatitis
SDC   M  M254        A505   Suba must be hydrarthrosis
SDC   M  Q359        A505   Suba must be perforation palatine vault

--- A529 ---

SDC   M  H432        A527   Suba must be hyalitis, asteroid
SDC   M  K759        A527   Suba must be hepatitis
SDC   M  M254        A527   Suba must be hydrarthrosis

--- A539 ---

SDC   M  A630        A513   Suba must be condyloma
SDC   M  B99         A527   Suba must be post-infectious
                            arthropathy
SDC   M  D131        A527   Suba must be polyp or polyposis of
                            stomach
SDC   M  E538        A521   Suba must be combined spinal sclerosis
SDC   M  G122 -G1220 A521   Suba must be bulbar palsy
SDC   M  G318        A521   Suba must have a modifier of syphilitic
                            in VOL3
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--- A539  ---
  CONTINUED
SDC   M  G958          A521   Suba must have a modifier of syphilitic
                              in VOL3
SDC   M  H018          A527   Suba must be tarsitis
SDC   M  H200 -H201    A514   Suba must not be keratoiritis
SDC   M  H208          A514   Suba must not be keratoiritis
SDC   M  H209          A503   Suba must be keratoiritis
SDC   M  H209          A514   Suba must not be keratoiritis
SDC   M  H432          A527   Suba must be hyalitis, asteroid
SDC   M  H534          A527   Suba must be hemianopia
SDC   M  I319          A520   Suba must be pericarditis
SDC   M  I671          A520   Suba must be an aneurysm
SDC   M  I739          A520   Suba must be intermittent claudication
SDC   M  I888          A510   Suba must be bubo
SDC   M  J348          A527   Suba must be perforation of nasal
                              septum
SDC   M  J386 -J387    A527   Suba must be perichondritis larynx
SDC   M  J392 -J398    A527   Suba must have a modifier of syphilitic
                              in VOL3
SDC   M  J985          A527   Suba must be mediastinitis
SDC   M  K222          A527   Suba must be stricture esophagus
SDC   M  K746          A527   Suba must be cirrhosis liver
SDC   M  K759          A527   Suba must be hepatitis
SDC   M  L089          A527   Suba must be dactylitis
SDC   M  L929          A521   Suba must be granuloma spine
SDC   M  L984          A513   Suba must be ulcer NOS
SDC   M  L984          A527   Suba-ulcer must be modified as
                              perforating
SDC   M  M254          A527   Suba must be hydrarthrosis
SDC   M  M898 -M899    A521   Suba must be atrophy bone
SDC   M  M898 -M899    A527   Suba must be destruction bone or suba
                              be exostosis
SDC   M  N312          A521   Suba must be paralysis bladder
SDC   M  N508          A527   Suba must be fibrosis testis
SDC   M  R200          A521   Suba must be hemianesthesia
SDC   M  R470          A521   Suba must be aphasia

--- A549  ---

SDC   M  I340 -I38     A548   Suba must be endocarditis

--- A599  ---

SDC   M  N898          A590   Suba must be leukorrhea or fluor

--- A609  ---

SDC   M  K628          A601   Suba must be proctitis

--- A669  ---

SDC   M  A527          A664   Suba must be gumma
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--- A679 ---

SDC   M  L00  -L989  A672   Suba must have a modifier of pinta in
                            VOL3

--- A749 ---

SDC   M  K628         A563   Suba must be proctitis

--- A809 ---

LMC   M  G122 -G1220 A803   Suba must be a type of paralysis

--- A99  ---

SMP   M  A90  -A988          Suba must be a type of viral
                            hemorrhagic fever

--- B059 ---

LMC   M  K260 -K599  B054   Suba must have modifier of postmeasles
                            or measles in VOL3

--- B159 ---

LMC   M  K729         B150   Suba must be hepatic coma

--- B161 ---

LMC   M  K729         B160   Suba must be hepatic coma

--- B169 ---

LMC   M  K729         B162   Suba must be hepatic coma

--- B199 ---

LMC   M  K729         B190   Suba must be hepatic coma

--- B200 ---

LMC   M  G589         B207   Suba must be an infectious condition
LMC   M  G589         B227   Suba must be a non-infectious condition
LMC   M  G628 -G629  B207   Suba must be an infectious condition
LMC   M  G628 -G629  B227   Suba must be a non-infectious condition
LMC   M  G938         B227   Suba must not be caused by an external
                            agent
LMC   M  G958         B227   Suba must not be caused by an external
                            agent
LMC   M  H050 -H059  B207   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H440 -H449  B207   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
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--- B200 ---
  CONTINUED

LMC	M	H590	-H599	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H650	-H749	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H810	-H832	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H950	-H959	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	J382	-J383	B207	Suba must be an infectious condition
LMC	M	J387	-J391	B207	Suba must be an infectious condition
LMC	M	J840	-J848	B207	Suba must be an infectious condition
LMC	M	J849	-J8490	B227	Suba must be interstitial lymphoid pneumonia
LMC	M	J985		B207	Suba must be an infectious condition
LMC	M	J988		B207	Suba must be an infectious condition
LMC	M	K550	-K559	B207	Suba must be an infectious condition
LMC	M	K720	-K729	B207	Suba must be hepatitis
LMC	M	K730	-K739	B207	Suba must be hepatitis
LMC	M	M000	-M1990	B207	Suba must be an infectious condition
LMC	M	M45	-M479	B207	Suba must be an infectious condition
LMC	M	M720	-M729	B207	Suba must be an infectious condition
LMC	M	M939		B207	Suba must be an infectious condition

--- B201 ---

LMC	M	D738		B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	E033		B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	E060	-E063	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	E065	-E069	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	G048	-G049	B207	Suba must be an infectious condition with causative organism not reported
LMC	M	G060	-G09	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	G373	-G374	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported

--- B201 ---
  CONTINUED

LMC	M	G589	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	G589	B227	Suba must be a non-infectious condition
LMC	M	G610 -G619	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	G628 -G629	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	G628 -G629	B227	Suba must be a non-infectious condition
LMC	M	G938	B227	Suba must not be caused by an external agent
LMC	M	G958	B227	Suba must not be caused by an external agent
LMC	M	H050 -H059	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	H440 -H449	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	H590 -H599	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	H650 -H749	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	H810 -H832	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	H950 -H959	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	I301 -I311	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	I319 -I409	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	I514	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	I518	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	I677	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	I776	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	I800 -I809	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported

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--- B201 ---
  CONTINUED
LMC   M  I821         B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  I880 -I889   B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  I891         B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  J010 -J019   B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  J028 -J029   B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  J038 -J051   B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  J208 -J209   B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  J218 -J219   B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  J310 -J329   B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  J340         B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  J36  -J371   B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  J382 -J383   B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  J387 -J391   B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  J40  -J42    B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  J840 -J848   B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  J849 -J8490  B227  Suba must be interstitial lymphoid
                            pneumonia
LMC   M  J851 -J869   B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
LMC   M  J984         B207  Suba must be an infectious condition
                            with causative organism not reported
LMC   M  J985         B207  Suba must be an infectious condition
                            caused by a virus or with causative
                            organism not reported
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--- B201 ---
  CONTINUED

LMC	M	J988		B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K121	-K122	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K20	-K210	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K290	-K291	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K293	-K299	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K550	-K559	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K580		B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K610	-K614	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K628		B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K630		B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K632		B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K638		B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K650	-K659	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K750	-K759	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K810	-K819	B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K830		B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K85		B207	Suba must be an infectious condition caused by a virus or with causative organism not reported
LMC	M	K861		B207	Suba must be an infectious condition caused by a virus or with causative organism not reported

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--- B201  ---
   CONTINUED
LMC   M  L00            B207   Suba must be an infectious condition
                               caused by a virus or with causative
                               organism not reported
LMC   M  L020 -L029     B207   Suba must be an infectious condition
                               caused by a virus or with causative
                               organism not reported
LMC   M  L031 -L039     B207   Suba must be an infectious condition
                               caused by a virus or with causative
                               organism not reported
LMC   M  L089           B207   Suba must be an infectious condition
                               caused by a virus or with causative
                               organism not reported
LMC   M  L950 -L959     B207   Suba must be an infectious condition
                               caused by a virus or with causative
                               organism not reported
LMC   M  M000 -M1990    B207   Suba must be an infectious condition
                               caused by a virus or with causative
                               organism not reported
LMC   M  M300 -M319     B207   Suba must be an infectious condition
                               caused by a virus or with causative
                               organism not reported
LMC   M  M330 -M339     B207   Suba must be an infectious condition
                               caused by a virus or with causative
                               organism not reported
LMC   M  M354           B207   Suba must be an infectious condition
                               caused by a virus or with causative
                               organism not reported
LMC   M  M356           B207   Suba must be an infectious condition
                               caused by a virus or with causative
                               organism not reported
LMC   M  M45  -M479     B207   Suba must be an infectious condition
                               caused by a virus or with causative
                               organism not reported
LMC   M  M720 -M729     B207   Suba must be an infectious condition
                               caused by a virus or with causative
                               organism not reported
LMC   M  M860 -M869     B207   Suba must be an infectious condition
                               caused by a virus or with causative
                               organism not reported
LMC   M  M939           B207   Suba must be an infectious condition
                               caused by a virus or with causative
                               organism not reported
LMC   M  N000 -N019     B207   Causative organism of suba not reported
LMC   M  N030 -N039     B207   Causative organism of suba not reported
LMC   M  N050 -N059     B207   Causative organism of suba not reported
LMC   M  N10  -N12      B207   Causative organism of suba not reported
LMC   M  N136           B207   Causative organism of suba not reported
LMC   M  N151           B207   Causative organism of suba not reported
LMC   M  N159           B207   Causative organism of suba not reported
LMC   M  N288           B207   Causative organism of suba not reported
LMC   M  N300 -N303     B207   Causative organism of suba not reported
LMC   M  N308 -N309     B207   Causative organism of suba not reported
LMC   M  N340 -N342     B207   Causative organism of suba not reported
LMC   M  N390           B207   Causative organism of suba not reported
LMC   M  N410 -N419     B207   Causative organism of suba not reported
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--- B201 ---
   CONTINUED

LMC	M	N450 -N459	B207	Causative organism of suba not reported
LMC	M	N481 -N482	B207	Causative organism of suba not reported
LMC	M	N490 -N499	B207	Causative organism of suba not reported
LMC	M	N61	B207	Causative organism of suba not reported
LMC	M	N700 -N768	B207	Causative organism of suba not reported
LMC	M	N820 -N829	B207	Causative organism of suba not reported

--- B202 ---

LMC	M	G589	B207	Suba must be an infectious condition
LMC	M	G589	B227	Suba must be a non-infectious condition
LMC	M	G628 -G629	B207	Suba must be an infectious condition
LMC	M	G628 -G629	B227	Suba must be a non-infectious condition
LMC	M	G938	B227	Suba must not be caused by an external agent
LMC	M	G958	B227	Suba must not be caused by an external agent
LMC	M	H050 -H059	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H440 -H449	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H590 -H599	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H650 -H749	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H810 -H832	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H950 -H959	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	J382 -J383	B207	Suba must be an infectious condition
LMC	M	J387 -J391	B207	Suba must be an infectious condition
LMC	M	J840 -J848	B207	Suba must be an infectious condition
LMC	M	J849 -J8490	B227	Suba must be interstitial lymphoid pneumonia
LMC	M	J985	B207	Suba must be an infectious condition
LMC	M	J988	B207	Suba must be an infectious condition
LMC	M	K550 -K559	B207	Suba must be an infectious condition
LMC	M	K720 -K729	B207	Suba must be hepatitis
LMC	M	K730 -K739	B207	Suba must be hepatitis
LMC	M	M000 -M1990	B207	Suba must be an infectious condition
LMC	M	M45 -M479	B207	Suba must be an infectious condition
LMC	M	M720 -M729	B207	Suba must be an infectious condition
LMC	M	M939	B207	Suba must be an infectious condition

--- B203 ---

LMC	M	D738		B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	E033		B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	E060	-E063	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	E065	-E069	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	G048	-G09	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	G373	-G374	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	G589		B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	G589		B227	Suba must be a non-infectious condition
LMC	M	G610	-G619	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	G628	-G629	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	G628	-G629	B227	Suba must be a non-infectious condition
LMC	M	G938		B227	Suba must not be caused by an external agent
LMC	M	G958		B227	Suba must not be caused by an external agent
LMC	M	H050	-H059	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	H440	-H449	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	H590	-H599	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	H650	-H749	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	H810	-H832	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	H950	-H959	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	I301	-I311	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported

--- B203 ---
  CONTINUED
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LMC   M  I319 -I409  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  I514         B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  I518         B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  I677         B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  I776         B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  I800 -I809  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  I821         B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  I880 -I889  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  I891         B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J010 -J019  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J028 -J029  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J038 -J051  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J208 -J209  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J218 -J219  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J310 -J329  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J340         B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J36  -J371  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J382 -J383  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
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--- B203 ---
   CONTINUED
LMC   M  J387 -J391  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J40  -J42   B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J840 -J848  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J849 -J8490 B227   Suba must be interstitial lymphoid
                            pneumonia
LMC   M  J851 -J869  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J984        B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J985        B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  J988        B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  K121 -K122  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  K20  -K210  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  K290 -K291  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  K293 -K299  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  K528 -K559  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  K580        B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  K610 -K614  B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  K628        B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  K630        B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
LMC   M  K632        B207   Suba must be an infectious condition
                            caused by a bacteria or with causative
                            organism not reported
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--- B203 ---
CONTINUED

LMC	M	K638	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	K650 -K659	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	K750 -K759	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	K810 -K819	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	K830	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	K85	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	K861	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	L00	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	L020 -L029	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	L031 -L039	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	L089	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	L950 -L959	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	M000 -M1990	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	M300 -M319	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	M330 -M339	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	M354	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	M356	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	M45 -M479	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported

--- B203 ---
  CONTINUED

LMC	M	M720 -M729	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	M860 -M869	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	M939	B207	Suba must be an infectious condition caused by a bacteria or with causative organism not reported
LMC	M	N000 -N019	B207	Causative organism of suba not reported
LMC	M	N030 -N039	B207	Causative organism of suba not reported
LMC	M	N050 -N059	B207	Causative organism of suba not reported
LMC	M	N10 -N12	B207	Causative organism of suba not reported
LMC	M	N136	B207	Causative organism of suba not reported
LMC	M	N151	B207	Causative organism of suba not reported
LMC	M	N159	B207	Causative organism of suba not reported
LMC	M	N288	B207	Causative organism of suba not reported
LMC	M	N300 -N303	B207	Causative organism of suba not reported
LMC	M	N308 -N309	B207	Causative organism of suba not reported
LMC	M	N340 -N342	B207	Causative organism of suba not reported
LMC	M	N390	B207	Causative organism of suba not reported
LMC	M	N410 -N419	B207	Causative organism of suba not reported
LMC	M	N450 -N459	B207	Causative organism of suba not reported
LMC	M	N481 -N482	B207	Causative organism of suba not reported
LMC	M	N490 -N499	B207	Causative organism of suba not reported
LMC	M	N61	B207	Causative organism of suba not reported
LMC	M	N700 -N768	B207	Causative organism of suba not reported
LMC	M	N820 -N829	B207	Causative organism of suba not reported

--- B204 -B206 ---

LMC	M	G589	B207	Suba must be an infectious condition
LMC	M	G589	B227	Suba must be a non-infectious condition
LMC	M	G628 -G629	B207	Suba must be an infectious condition
LMC	M	G628 -G629	B227	Suba must be a non-infectious condition
LMC	M	G938	B227	Suba must not be caused by an external agent
LMC	M	G958	B227	Suba must not be caused by an external agent
LMC	M	H050 -H059	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H440 -H449	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H590 -H599	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H650 -H749	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause

--- B204 -B206 ---
  CONTINUED

LMC	M	H810 -H832	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H950 -H959	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	J382 -J383	B207	Suba must be an infectious condition
LMC	M	J387 -J391	B207	Suba must be an infectious condition
LMC	M	J840 -J848	B207	Suba must be an infectious condition
LMC	M	J849 -J8490	B227	Suba must be interstitial lymphoid pneumonia
LMC	M	J985	B207	Suba must be an infectious condition
LMC	M	J988	B207	Suba must be an infectious condition
LMC	M	K550 -K559	B207	Suba must be an infectious condition
LMC	M	K720 -K729	B207	Suba must be hepatitis
LMC	M	K730 -K739	B207	Suba must be hepatitis
LMC	M	M000 -M1990	B207	Suba must be an infectious condition
LMC	M	M45 -M479	B207	Suba must be an infectious condition
LMC	M	M720 -M729	B207	Suba must be an infectious condition
LMC	M	M939	B207	Suba must be an infectious condition

--- B207 ---

LMC	M	G589	B227	Suba must be a non-infectious condition
LMC	M	G628 -G629	B227	Suba must be a non-infectious condition
LMC	M	G938	B227	Suba must not be caused by an external agent
LMC	M	G958	B227	Suba must not be caused by an external agent
LMC	M	J849 -J8490	B227	Suba must be interstitial lymphoid pneumonia

--- B208 ---

LMC	M	G589	B207	Suba must be an infectious condition
LMC	M	G589	B227	Suba must be a non-infectious condition
LMC	M	G628 -G629	B207	Suba must be an infectious condition
LMC	M	G628 -G629	B227	Suba must be a non-infectious condition
LMC	M	G938	B227	Suba must not be caused by an external agent
LMC	M	G958	B227	Suba must not be caused by an external agent
LMC	M	H050 -H059	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H440 -H449	B207	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause

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                          TABLE F
        REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- B208  ---
   CONTINUED
LMC   M  H590 -H599  B207   Suba must be an infectious condition
                           not stated congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
LMC   M  H650 -H749  B207   Suba must be an infectious condition
                           not stated congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
LMC   M  H810 -H832  B207   Suba must be an infectious condition
                           not stated congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
LMC   M  H950 -H959  B207   Suba must be an infectious condition
                           not stated congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
LMC   M  J382 -J383  B207   Suba must be an infectious condition
LMC   M  J387 -J391  B207   Suba must be an infectious condition
LMC   M  J840 -J848  B207   Suba must be an infectious condition
LMC   M  J849 -J8490 B227   Suba must be interstitial lymphoid
                           pneumonia
LMC   M  J985        B207   Suba must be an infectious condition
LMC   M  J988        B207   Suba must be an infectious condition
LMC   M  K550 -K559  B207   Suba must be an infectious condition
LMC   M  K720 -K729  B207   Suba must be hepatitis
LMC   M  K730 -K739  B207   Suba must be hepatitis
LMC   M  M000 -M1990 B207   Suba must be an infectious condition
LMC   M  M45  -M479  B207   Suba must be an infectious condition
LMC   M  M720 -M729  B207   Suba must be an infectious condition
LMC   M  M939        B207   Suba must be an infectious condition

--- B209  ---

LMC   M  G589        B227   Suba must be a non-infectious condition
LMC   M  G628 -G629  B227   Suba must be a non-infectious condition
LMC   M  G938        B227   Suba must not be caused by an external
                           agent
LMC   M  G958        B227   Suba must not be caused by an external
                           agent
LMC   M  J849 -J8490 B227   Suba must be interstitial lymphoid
                           pneumonia

--- B210  ---

LMC   M  G938        B227   Suba must not be caused by an external
                           agent
LMC   M  G958        B227   Suba must not be caused by an external
                           agent
LMC   M  H050 -H059  B227   Suba must be an infectious condition
                           not stated congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
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--- B210  ---
   CONTINUED
LMC   M  H440 -H449  B227  Suba must be an infectious condition
                           not stated congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
LMC   M  H590 -H599  B227  Suba must be an infectious condition
                           not stated congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
LMC   M  H650 -H749  B227  Suba must be an infectious condition
                           not stated congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
LMC   M  H810 -H832  B227  Suba must be an infectious condition
                           not stated congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
LMC   M  H950 -H959  B227  Suba must be an infectious condition
                           not stated congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
LMC   M  J382 -J383  B227  Suba must be an infectious condition
LMC   M  J387        B227  Suba must be an infectious condition
LMC   M  J849 -J8490 B227  Suba must be interstitial lymphoid
                           pneumonia
LMC   M  J985        B227  Suba must be an infectious condition
LMC   M  J988        B227  Suba must be an infectious condition
LMC   M  K550 -K559  B227  Suba must be an infectious condition
LMC   M  K720 -K729  B227  Suba must be hepatitis
LMC   M  K730 -K739  B227  Suba must be hepatitis
LMC   M  M000 -M1990 B227  Suba must be an infectious condition
LMC   M  M45  -M479  B227  Suba must be an infectious condition
LMC   M  M720 -M729  B227  Suba must be an infectious condition
LMC   M  M939        B227  Suba must be an infectious condition

--- B211  ---

LMC   M  G938        B227  Suba must not be caused by an external
                           agent
LMC   M  G958        B227  Suba must not be caused by an external
                           agent
LMC   M  H050 -H059  B227  Suba must be an infectious condition
                           not stated congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
LMC   M  H440 -H449  B227  Suba must be an infectious condition
                           not stated congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
LMC   M  H590 -H599  B227  Suba must be an infectious condition
                           not stated congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
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--- B211 ---
   CONTINUED

LMC	M	H650 -H749	B227	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H810 -H832	B227	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H950 -H959	B227	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	J382 -J383	B227	Suba must be an infectious condition
LMC	M	J387 -J391	B227	Suba must be an infectious condition
LMC	M	J840 -J848	B227	Suba must not be infectious condition
LMC	M	J985	B227	Suba must be an infectious condition
LMC	M	J988	B227	Suba must be an infectious condition
LMC	M	K550 -K559	B227	Suba must be an infectious condition
LMC	M	K720 -K729	B227	Suba must be hepatitis
LMC	M	K730 -K739	B227	Suba must be hepatitis
LMC	M	M000 -M1990	B227	Suba must be an infectious condition
LMC	M	M45 -M479	B227	Suba must be an infectious condition
LMC	M	M720 -M729	B227	Suba must be an infectious condition
LMC	M	M939	B227	Suba must be an infectious condition

--- B212 ---

LMC	M	G938	B227	Suba must not be caused by an external agent
LMC	M	G958	B227	Suba must not be caused by an external agent
LMC	M	H050 -H059	B227	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H440 -H449	B227	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H590 -H599	B227	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H650 -H749	B227	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H810 -H832	B227	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H950 -H959	B227	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause

--- B212 ---
   CONTINUED
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LMC   M  J382 -J383  B227   Suba must be an infectious condition
LMC   M  J387        B227   Suba must be an infectious condition
LMC   M  J849 -J8490 B227   Suba must be interstitial lymphoid
                             pneumonia
LMC   M  J985        B227   Suba must be an infectious condition
LMC   M  J988        B227   Suba must be an infectious condition
LMC   M  K550 -K559  B227   Suba must be an infectious condition
LMC   M  K720 -K729  B227   Suba must be hepatitis
LMC   M  K730 -K739  B227   Suba must be hepatitis
LMC   M  M000 -M1990 B227   Suba must be an infectious condition
LMC   M  M45  -M479  B227   Suba must be an infectious condition
LMC   M  M720 -M729  B227   Suba must be an infectious condition
LMC   M  M939        B227   Suba must be an infectious condition
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--- B213 -B218 ---

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LMC   M  G938        B227   Suba must not be caused by an external
                             agent
LMC   M  G958        B227   Suba must not be caused by an external
                             agent
LMC   M  H050 -H059  B227   Suba must be an infectious condition
                             not stated congenital, familial,
                             hereditary, primary, genetic and not
                             due to external cause
LMC   M  H440 -H449  B227   Suba must be an infectious condition
                             not stated congenital, familial,
                             hereditary, primary, genetic and not
                             due to external cause
LMC   M  H590 -H599  B227   Suba must be an infectious condition
                             not stated congenital, familial,
                             hereditary, primary, genetic and not
                             due to external cause
LMC   M  H650 -H749  B227   Suba must be an infectious condition
                             not stated congenital, familial,
                             hereditary, primary, genetic and not
                             due to external cause
LMC   M  H810 -H832  B227   Suba must be an infectious condition
                             not stated congenital, familial,
                             hereditary, primary, genetic and not
                             due to external cause
LMC   M  H950 -H959  B227   Suba must be an infectious condition
                             not stated congenital, familial,
                             hereditary, primary, genetic and not
                             due to external cause
LMC   M  J382 -J383  B227   Suba must be an infectious condition
LMC   M  J387 -J391  B227   Suba must be an infectious condition
LMC   M  J849 -J8490 B227   Suba must be interstitial lymphoid
                             pneumonia
LMC   M  J985        B227   Suba must be an infectious condition
LMC   M  J988        B227   Suba must be an infectious condition
LMC   M  K550 -K559  B227   Suba must be an infectious condition
LMC   M  K720 -K729  B227   Suba must be hepatitis
LMC   M  K730 -K739  B227   Suba must be hepatitis
LMC   M  M000 -M1990 B227   Suba must be an infectious condition
LMC   M  M45  -M479  B227   Suba must be an infectious condition
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--- B213 -B218  ---
   CONTINUED
LMC   M  M720 -M729  B227   Suba must be an infectious condition
LMC   M  M939        B227   Suba must be an infectious condition


--- B219  ---

LMC   M  C80         B217   Suba must be multiple malignant
                            neoplasms
LMC   M  G938        B227   Suba must not be caused by an external
                            agent
LMC   M  G958        B227   Suba must not be caused by an external
                            agent
LMC   M  H050 -H059  B227   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H440 -H449  B227   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H590 -H599  B227   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H650 -H749  B227   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H810 -H832  B227   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H950 -H959  B227   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  J382 -J383  B227   Suba must be an infectious condition
LMC   M  J387        B227   Suba must be an infectious condition
LMC   M  J849 -J8490 B227   Suba must be interstitial lymphoid
                            pneumonia
LMC   M  J985        B227   Suba must be an infectious condition
LMC   M  J988        B227   Suba must be an infectious condition
LMC   M  K550 -K559  B227   Suba must be an infectious condition
LMC   M  K720 -K729  B227   Suba must be hepatitis
LMC   M  K730 -K739  B227   Suba must be hepatitis
LMC   M  M000 -M1990 B227   Suba must be an infectious condition
LMC   M  M45  -M479  B227   Suba must be an infectious condition
LMC   M  M720 -M729  B227   Suba must be an infectious condition
LMC   M  M939        B227   Suba must be an infectious condition


--- B220 -B221  ---

LMC   M  G938        B227   Suba must not be caused by an external
                            agent
LMC   M  G958        B227   Suba must not be caused by an external
                            agent
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--- B220 -B221  ---
   CONTINUED
LMC   M  H050 -H059  B227   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H440 -H449  B227   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H590 -H599  B227   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H650 -H749  B227   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H810 -H832  B227   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H950 -H959  B227   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  J382 -J383  B227   Suba must be an infectious condition
LMC   M  J387 -J391  B227   Suba must be an infectious condition
LMC   M  J849 -J8490 B227   Suba must be interstitial lymphoid
                            pneumonia
LMC   M  J985        B227   Suba must be an infectious condition
LMC   M  J988        B227   Suba must be an infectious condition
LMC   M  K550 -K559  B227   Suba must be an infectious condition
LMC   M  K720 -K729  B227   Suba must be hepatitis
LMC   M  K730 -K739  B227   Suba must be hepatitis
LMC   M  M000 -M1990 B227   Suba must be an infectious condition
LMC   M  M45  -M479  B227   Suba must be an infectious condition
LMC   M  M720 -M729  B227   Suba must be an infectious condition
LMC   M  M939        B227   Suba must be an infectious condition

--- B222  ---

LMC   M  G938        B227   Suba must not be caused by an external
                            agent
LMC   M  G958        B227   Suba must not be caused by an external
                            agent
LMC   M  H050 -H059  B227   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H440 -H449  B227   Suba must be an infectious condition
                            not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
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--- B222 ---
  CONTINUED

LMC	M	H590	-H599	B227	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H650	-H749	B227	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H810	-H832	B227	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	H950	-H959	B227	Suba must be an infectious condition not stated congenital, familial, hereditary, primary, genetic and not due to external cause
LMC	M	J382	-J383	B227	Suba must be an infectious condition
LMC	M	J387		B227	Suba must be an infectious condition
LMC	M	J849	-J8490	B227	Suba must be interstitial lymphoid pneumonia
LMC	M	J985		B227	Suba must be an infectious condition
LMC	M	J988		B227	Suba must be an infectious condition
LMC	M	K550	-K559	B227	Suba must be an infectious condition
LMC	M	K720	-K729	B227	Suba must be hepatitis
LMC	M	K730	-K739	B227	Suba must be hepatitis
LMC	M	M000	-M1990	B227	Suba must be an infectious condition
LMC	M	M45	-M479	B227	Suba must be an infectious condition
LMC	M	M720	-M729	B227	Suba must be an infectious condition
LMC	M	M939		B227	Suba must be an infectious condition

--- B24   ---

LMC	M	D501	-D508	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
LMC	M	D528		B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
LMC	M	D530	-D539	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
LMC	M	D598		B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
LMC	M	D618		B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
LMC	M	D643		B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
LMC	M	D648		B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause

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--- B24    ---
   CONTINUED
LMC   M  D688         B232   Suba must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause
LMC   M  D695 -D70    B232   Suba must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause
LMC   M  D728         B232   Suba must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause
LMC   M  D738         B201   Suba must be caused by a bacterial
                             organism
LMC   M  D738         B203   Suba must be caused by a viral organism
LMC   M  D738         B208   Suba must be an infectious condition
                             with causative organism not reported
LMC   M  D738         B232   Suba must be a non-infectious condition
LMC   M  D748         B232   Suba must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause
LMC   M  D751         B232   Suba must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause
LMC   M  D758         B232   Suba must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause
LMC   M  D808 -D819   B232   Suba must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause
LMC   M  D830 -D848   B232   Suba must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause
LMC   M  D891         B232   Suba must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause
LMC   M  D898         B232   Suba must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause
LMC   M  E033         B201   Suba must be caused by a bacterial
                             organism
LMC   M  E033         B203   Suba must be caused by a viral organism
LMC   M  E033         B208   Causative organism of suba not reported
LMC   M  E060         B201   Suba must be caused by a bacterial
                             organism
LMC   M  E060         B203   Suba must be caused by a viral organism
LMC   M  E060         B208   Causative organism of suba not reported
LMC   M  E061         B201   Suba must be subacute thyroiditis NOS
                             caused by a bacterial organism
LMC   M  E061         B203   Suba must be subacute thyroiditis
                             caused by a viral agent
LMC   M  E061         B208   Suba must be thyroiditis with causative
                             organism not reported
LMC   M  E062 -E063   B201   Suba must be caused by a bacterial
                             organism
LMC   M  E062 -E063   B203   Suba must be caused by a viral organism
LMC   M  E062 -E063   B208   Causative organism of suba not reported
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--- B24   ---
   CONTINUED
LMC   M   E065         B201   Suba must be chronic thyroiditis caused
                              by a bacterial organism
LMC   M   E065         B203   Suba must be chronic thyroiditis caused
                              by a viral agent
LMC   M   E065         B208   Suba must be chronic thyroiditis with
                              causative organism not reported
LMC   M   E069         B201   Suba must be thyroiditis NOS caused by
                              a bacterial organism
LMC   M   E069         B203   Suba must be thyroiditis NOS caused by
                              a viral organism
LMC   M   E069         B208   Suba must be thyroiditis with causative
                              organism not reported
LMC   M   E15          B238   Suba must not be drug-induced
LMC   M   E161 -E162   B238   Suba must not be drug-induced
LMC   M   E220 -E237   B238   Suba must be a non-infectious condition
LMC   M   G060 -G09    B201   Suba must be caused by a bacterial
                              organism
LMC   M   G060 -G09    B203   Suba must be caused by a viral organism
LMC   M   G060 -G09    B208   Causative organism of suba not reported
LMC   M   G373 -G374   B201   Suba must be caused by a bacterial
                              organism
LMC   M   G373 -G374   B203   Suba must be caused by a viral organism
LMC   M   G373 -G374   B208   Causative organism of suba not reported
LMC   M   G589         B201   Suba must be caused by a bacterial
                              organism
LMC   M   G589         B203   Suba must be caused by a viral organism
LMC   M   G589         B208   Suba must be mononeuritis with
                              causative organism not reported
LMC   M   G589         B220   Suba must be a non-infectious condition
LMC   M   G610 -G619   B201   Suba must be caused by a bacterial
                              organism
LMC   M   G610 -G619   B203   Suba must be caused by a viral organism
LMC   M   G610 -G619   B208   Causative organism of suba not reported
LMC   M   G628         B201   Suba must be polyradiculitis caused by
                              a bacterial organism
LMC   M   G628         B203   Suba must be polyradiculitis caused by
                              a viral organism
LMC   M   G628         B208   Suba must be polyradiculitis with no
                              causative organism reported
LMC   M   G628 -G629   B220   Suba must be a non-infectious condition
LMC   M   G938         B220   Suba must not be caused by an external
                              agent
LMC   M   G958         B220   Suba must not be caused by an external
                              agent
LMC   M   H050 -H059   B203   Suba must be caused by a viral organism
                              and not stated congenital, familial,
                              hereditary, primary, genetic and not
                              due to external cause
LMC   M   H050 -H059   B208   Causative organism of suba is not
                              reported and suba is not stated
                              congenital, familial, hereditary,
                              primary, genetic and not due to
                              external cause
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--- B24   ---
   CONTINUED
LMC   M  H050 -H059  B238   Suba must be a non-infectious condition
                            not stated as congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H440 -H449  B203   Suba must be caused by a viral organism
                            and not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H440 -H449  B208   Causative organism of suba is not
                            reported and suba is not stated
                            congenital, familial, hereditary,
                            primary, genetic and not due to
                            external cause
LMC   M  H440 -H449  B238   Suba must be a non-infectious condition
                            not stated as congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H590 -H599  B203   Suba must be caused by a viral organism
                            and not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H590 -H599  B208   Causative organism of suba is not
                            reported and suba is not stated
                            congenital, familial, hereditary,
                            primary, genetic and not due to
                            external cause
LMC   M  H590 -H599  B238   Suba must be a non-infectious condition
                            not stated as congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H650 -H749  B203   Suba must be caused by a viral organism
                            and not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H650 -H749  B208   Causative organism of suba is not
                            reported and suba is not stated
                            congenital, familial, hereditary,
                            primary, genetic and not due to
                            external cause
LMC   M  H650 -H749  B238   Suba must be a non-infectious condition
                            not stated as congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H810 -H832  B203   Suba must be caused by a viral organism
                            and not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
LMC   M  H810 -H832  B208   Causative organism of suba is not
                            reported and suba is not stated
                            congenital, familial, hereditary,
                            primary, genetic and not due to
                            external cause
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--- B24  ---
   CONTINUED
LMC  M  H810 -H832  B238   Suba must be a non-infectious condition
                           not stated as congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
LMC  M  H950 -H959  B203   Suba must be caused by a viral organism
                           and not stated congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
LMC  M  H950 -H959  B208   Causative organism of suba is not
                           reported and suba is not stated
                           congenital, familial, hereditary,
                           primary, genetic and not due to
                           external cause
LMC  M  H950 -H959  B238   Suba must be a non-infectious condition
                           not stated as congenital, familial,
                           hereditary, primary, genetic and not
                           due to external cause
LMC  M  I278 -I279  B238   Suba cannot be qualified as
                           arteriosclerotic or hypertensive
LMC  M  I301 -I309  B201   Suba must be caused by a bacterial
                           organism
LMC  M  I301 -I309  B203   Suba must be caused by a viral organism
LMC  M  I301 -I311  B208   Causative organism of suba not reported
LMC  M  I310 -I311  B201   Suba must be an infectious condition
                           caused by a bacterial organism
LMC  M  I310 -I311  B203   Suba must be an infectious condition
                           caused by a viral organism
LMC  M  I312 -I319  B238   Suba must be a non-infectious condition
LMC  M  I319        B201   Suba must be an infectious condition
                           caused by a bacterial organism
LMC  M  I319        B203   Suba must be an infectious condition
                           caused by a viral organism
LMC  M  I319        B208   Causative organism of suba not reported
LMC  M  I330 -I339  B201   Suba must be caused by a bacterial
                           organism
LMC  M  I330 -I339  B203   Suba must be caused by a viral organism
LMC  M  I330 -I339  B208   Causative organism of suba not reported
LMC  M  I340 -I38   B201   Suba must be endocarditis and caused by
                           a bacterial organism
LMC  M  I340 -I38   B203   Suba must be endocarditis and caused by
                           a viral organism
LMC  M  I340 -I38   B208   Suba must be endocarditis with
                           causative organism not reported
LMC  M  I340 -I38   B238   Suba cannot be endocarditis
LMC  M  I400 -I409  B201   Suba must be caused by a bacterial
                           organism
LMC  M  I400 -I409  B203   Suba must be caused by a viral organism
LMC  M  I400 -I409  B208   Causative organism of suba not reported
LMC  M  I514        B208   Suba must be myocarditis
LMC  M  I518        B201   Suba must be carditis, pancarditis due
                           to a bacterial organism
LMC  M  I518        B208   Suba must be carditis, pancarditis with
                           causative organism not reported
LMC  M  I518        B238   Suba must be a non-infectious condition
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--- B24   ---
   CONTINUED
LMC   M   I600 -I64    B238   Suba cannot be qualified as
                              arteriosclerotic or hypertensive
LMC   M   I676 -I698   B238   Suba cannot be qualified as
                              arteriosclerotic or hypertensive
LMC   M   I677         B201   Suba must be caused by a bacterial
                              organism
LMC   M   I677         B203   Suba must be caused by a viral organism
LMC   M   I677         B208   Causative organism of suba not reported
LMC   M   I776         B201   Suba must be caused by a bacterial
                              organism
LMC   M   I776         B203   Suba must be caused by a viral organism
LMC   M   I776         B208   Causative organism of suba not reported
LMC   M   I800 -I809   B201   Suba must be caused by a bacterial
                              organism
LMC   M   I800 -I809   B203   Suba must be caused by a viral organism
LMC   M   I800 -I809   B208   Causative organism of suba not reported
LMC   M   I821         B201   Suba must be caused by a bacterial
                              organism
LMC   M   I821         B203   Suba must be caused by a viral organism
LMC   M   I821         B208   Causative organism of suba not reported
LMC   M   I880 -I889   B201   Suba must be caused by a bacterial
                              organism
LMC   M   I880 -I889   B203   Suba must be caused by a viral organism
LMC   M   I880 -I889   B208   Causative organism of suba not reported
LMC   M   I891         B201   Suba must be caused by a bacterial
                              organism
LMC   M   I891         B203   Suba must be caused by a viral organism
LMC   M   I891         B208   Causative organism of suba not reported
LMC   M   J010 -J019   B201   Suba must be caused by a bacterial
                              organism
LMC   M   J010 -J019   B203   Suba must be caused by a viral organism
LMC   M   J010 -J019   B208   Causative organism of suba not reported
LMC   M   J028 -J029   B201   Suba must be caused by a bacterial
                              organism
LMC   M   J028 -J029   B203   Suba must be caused by a viral organism
LMC   M   J028 -J029   B208   Causative organism of suba not reported
LMC   M   J038 -J051   B201   Suba must be caused by a bacterial
                              organism
LMC   M   J038 -J051   B203   Suba must be caused by a viral organism
LMC   M   J038 -J051   B208   Causative organism of suba not reported
LMC   M   J208 -J209   B201   Suba must be caused by a bacterial
                              organism
LMC   M   J208 -J209   B203   Suba must be caused by a viral organism
LMC   M   J208 -J209   B208   Causative organism of suba not reported
LMC   M   J218 -J219   B201   Suba must be caused by a bacterial
                              organism
LMC   M   J218 -J219   B203   Suba must be caused by a viral organism
LMC   M   J218 -J219   B208   Causative organism of suba not reported
LMC   M   J310 -J329   B201   Suba must be caused by a bacterial
                              organism
LMC   M   J310 -J329   B203   Suba must be caused by a viral organism
LMC   M   J310 -J329   B208   Causative organism of suba not reported
LMC   M   J340         B201   Suba must be caused by a bacterial
                              organism
LMC   M   J340         B203   Suba must be caused by a viral organism
```

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--- B24   ---
   CONTINUED
LMC   M   J340          B208   Causative organism of suba not reported
LMC   M   J36  -J371    B201   Suba must be caused by a bacterial
                               organism
LMC   M   J36  -J371    B203   Suba must be caused by a viral organism
LMC   M   J36  -J371    B208   Causative organism of suba not reported
LMC   M   J380 -J387    B238   Suba must be a non-infectious condition
LMC   M   J382 -J383    B201   Suba must be caused by a bacterial
                               organism
LMC   M   J382 -J383    B203   Suba must be caused by a viral organism
LMC   M   J382 -J383    B208   Causative organism of suba not reported
LMC   M   J387 -J391    B201   Suba must be caused by a bacterial
                               organism
LMC   M   J387 -J391    B203   Suba must be caused by a viral organism
LMC   M   J387 -J391    B208   Causative organism of suba not reported
LMC   M   J40  -J42     B201   Suba must be caused by a bacterial
                               organism
LMC   M   J40  -J42     B203   Suba must be caused by a viral organism
LMC   M   J40  -J42     B208   Causative organism of suba not reported
LMC   M   J840 -J841    B238   Suba must be a non-infectious condition
                               or stated idiopathic
LMC   M   J840 -J848    B201   Suba must be caused by a bacterial
                               organism
LMC   M   J840 -J848    B203   Suba must be caused by a viral organism
LMC   M   J840 -J848    B208   Causative organism of suba is not
                               reported and suba must be an infectious
                               condition
LMC   M   J848          B238   Suba must be a non-infectious condition
                               or stated idiopathic
LMC   M   J849 -J8490   B208   Suba must be interstitial pneumonia
LMC   M   J850          B201   Suba must be an infectious condition
                               caused by a bacterial organism
LMC   M   J850          B203   Suba must be an infectious condition
                               caused by a viral organism
LMC   M   J850          B208   Causative organism of suba not reported
LMC   M   J851 -J869    B201   Suba must be caused by a bacterial
                               organism
LMC   M   J851 -J869    B203   Suba must be caused by a viral organism
LMC   M   J851 -J869    B208   Causative organism of suba not reported
LMC   M   J961          B238   Suba must be a non-infectious condition
LMC   M   J980 -J989    B238   Suba must be a non-infectious condition
LMC   M   J984          B201   Suba must be infection lung and caused
                               by a bacterial organism
LMC   M   J984          B208   Suba must be infection lung with
                               causative organism not reported
LMC   M   J985          B201   Suba must be an infectious condition
                               caused by a bacterial organism
LMC   M   J985          B203   Suba must be an infectious condition
                               caused by a viral organism
LMC   M   J985          B208   Suba must be an infectious condition
                               with causative organism not reported
LMC   M   J988          B201   Suba must be an infectious condition
                               caused by a bacterial organism
LMC   M   J988          B203   Suba must be an infectious condition
                               caused by a viral organism
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---  B24    ---
   CONTINUED
LMC   M   J988           B208   Suba must be an infectious condition
                                with causative organism not reported
LMC   M   K120 -K137     B238   Suba must be a non-infectious condition
LMC   M   K121 -K122     B201   Suba must be caused by a bacterial
                                organism
LMC   M   K121 -K122     B203   Suba must be caused by a viral organism
LMC   M   K121 -K122     B208   Causative organism of suba not reported
LMC   M   K20  -K210     B201   Suba must be caused by a bacterial
                                organism
LMC   M   K20  -K210     B203   Suba must be caused by a viral organism
LMC   M   K20  -K210     B208   Causative organism of suba not reported
LMC   M   K221           B238   Suba must be a non-infectious condition
LMC   M   K290 -K291     B201   Suba must be caused by a bacterial
                                organism
LMC   M   K290 -K291     B203   Suba must be caused by a viral organism
LMC   M   K290 -K291     B208   Causative organism of suba not reported
LMC   M   K293 -K299     B201   Suba must be caused by a bacterial
                                organism
LMC   M   K293 -K299     B203   Suba must be caused by a viral organism
LMC   M   K293 -K299     B208   Causative organism of suba not reported
LMC   M   K550 -K559     B201   Suba must be an infectious condition
                                caused by a bacterial organism
LMC   M   K550 -K559     B203   Suba must be an infectious condition
                                caused by a viral organism
LMC   M   K550 -K559     B208   Suba must be an infectious condition
                                with causative organism not reported
LMC   M   K550 -K559     B238   Suba must be a non-infectious condition
LMC   M   K580           B201   Suba must be caused by a bacterial
                                organism
LMC   M   K580           B203   Suba must be caused by a viral organism
LMC   M   K580           B208   Causative organism of suba not reported
LMC   M   K610 -K614     B201   Suba must be caused by a bacterial
                                organism
LMC   M   K610 -K614     B203   Suba must be caused by a viral organism
LMC   M   K610 -K614     B208   Causative organism of suba not reported
LMC   M   K628           B201   Suba must be an infectious condition
                                caused by a bacterial organism
LMC   M   K628           B203   Suba must be an infectious condition
                                caused by a viral organism
LMC   M   K628           B208   Suba must be an infectious condition
                                with causative organism not reported
LMC   M   K628           B238   Suba must be a non-infectious condition
LMC   M   K630           B201   Suba must be caused by a bacterial
                                organism
LMC   M   K630           B203   Suba must be caused by a viral organism
LMC   M   K630           B208   Suba must be an infectious condition
                                with causative organism not reported
LMC   M   K632           B201   Suba must be caused by a bacterial
                                organism
LMC   M   K632           B203   Suba must be caused by a viral organism
LMC   M   K632           B208   Suba must be an infectious condition
                                with causative organism not reported
LMC   M   K638           B201   Suba must be an infectious condition
                                caused by a bacterial organism
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--- B24   ---
   CONTINUED
LMC   M   K638          B203   Suba must be an infectious condition
                               caused by a viral organism
LMC   M   K638          B208   Suba must be an infectious condition
                               with causative organism not reported
LMC   M   K638          B238   Suba must be a non-infectious condition
LMC   M   K650 -K659    B201   Suba must be caused by a bacterial
                               organism
LMC   M   K650 -K659    B203   Suba must be caused by a viral organism
LMC   M   K650 -K659    B208   Causative organism of suba not reported
LMC   M   K720 -K729    B201   Suba must be acute hepatitis caused by
                               a bacterial organism
LMC   M   K720 -K7290   B238   Suba must be a non-infectious condition
LMC   M   K750 -K759    B201   Suba must be caused by a bacterial
                               organism
LMC   M   K750 -K759    B203   Suba must be caused by a viral organism
LMC   M   K750 -K759    B208   Causative organism of suba not reported
LMC   M   K810 -K819    B201   Suba must be caused by a bacterial
                               organism
LMC   M   K810 -K819    B203   Suba must be caused by a viral organism
LMC   M   K810 -K819    B208   Causative organism of suba not reported
LMC   M   K830          B201   Suba must be caused by a bacterial
                               organism
LMC   M   K830          B203   Suba must be caused by a viral organism
LMC   M   K830          B208   Causative organism of suba not reported
LMC   M   K85           B201   Suba must be caused by a bacterial
                               organism
LMC   M   K85           B203   Suba must be caused by a viral organism
LMC   M   K85           B208   Causative organism of suba not reported
LMC   M   K861          B201   Suba must be caused by a bacterial
                               organism
LMC   M   K861          B203   Suba must be caused by a viral organism
LMC   M   K861          B208   Causative organism of suba not reported
LMC   M   L00           B201   Suba must be an infectious condition
                               caused by a bacterial organism
LMC   M   L00           B203   Suba must be an infectious condition
                               caused by a viral organism
LMC   M   L00           B208   Causative organism of suba not reported
LMC   M   L020 -L029    B201   Suba must be an infectious condition
                               caused by a bacterial organism
LMC   M   L020 -L029    B203   Suba must be an infectious condition
                               caused by a viral organism
LMC   M   L020 -L029    B208   Causative organism of suba not reported
LMC   M   L031 -L039    B201   Suba must be an infectious condition
                               caused by a bacterial organism
LMC   M   L031 -L039    B203   Suba must be an infectious condition
                               caused by a viral organism
LMC   M   L031 -L039    B208   Causative organism of suba not reported
LMC   M   L089          B201   Suba must be an infectious condition
                               caused by a bacterial organism
LMC   M   L089          B203   Suba must be an infectious condition
                               caused by a viral organism
LMC   M   L089          B208   Causative organism of suba not reported
LMC   M   L950 -L959    B201   Suba must be caused by a bacterial
                               organism
LMC   M   L950 -L959    B203   Suba must be caused by a viral organism
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--- B24   ---
  CONTINUED

LMC	M	L950	-L959	B208	Causative organism of suba not reported
LMC	M	M000	-M1990	B201	Suba must be an infectious condition caused by a bacterial organism
LMC	M	M000	-M1990	B203	Suba must be an infectious condition caused by a viral organism
LMC	M	M000	-M1990	B208	Suba must be an infectious condition with causative organism not reported
LMC	M	M300	-M308	B201	Suba must be an infectious condition caused by a bacterial organism
LMC	M	M300	-M308	B203	Suba must be an infectious condition caused by a viral organism
LMC	M	M300	-M308	B208	Suba must be an infectious condition with causative organism not reported
LMC	M	M310	-M319	B238	Suba must be a non-infectious condition
LMC	M	M330	-M339	B201	Suba must be caused by a bacterial organism
LMC	M	M330	-M339	B203	Suba must be caused by a viral organism
LMC	M	M330	-M339	B208	Causative organism of suba not reported
LMC	M	M354		B201	Suba must be caused by a bacterial organism
LMC	M	M354		B203	Suba must be caused by a viral organism
LMC	M	M354		B208	Causative organism of suba not reported
LMC	M	M356		B201	Suba must be caused by a bacterial organism
LMC	M	M356		B203	Suba must be caused by a viral organism
LMC	M	M356		B208	Causative organism of suba not reported
LMC	M	M45	-M479	B201	Suba must be an infectious condition caused by a bacterial organism
LMC	M	M45	-M479	B203	Suba must be an infectious condition caused by a viral organism
LMC	M	M45	-M479	B208	Suba must be an infectious condition with causative organism not reported
LMC	M	M720	-M729	B201	Suba must be an infectious condition caused by a bacterial organism
LMC	M	M720	-M729	B203	Suba must be an infectious condition caused by a viral organism
LMC	M	M720	-M729	B208	Suba must be an infectious condition with causative organism not reported
LMC	M	M720	-M729	B238	Suba must be a non-infectious condition
LMC	M	M860	-M869	B201	Suba must be caused by a bacterial organism
LMC	M	M860	-M869	B203	Suba must be caused by a viral organism
LMC	M	M860	-M869	B208	Causative organism of suba not reported
LMC	M	M939		B201	Suba must be an infectious condition caused by a bacterial organism
LMC	M	M939		B203	Suba must be an infectious condition caused by a viral organism
LMC	M	M939		B208	Suba must be an infectious condition with causative organism not reported
LMC	M	M939		B238	Suba must not be infectious condition
LMC	M	M949		B238	Suba must not be infectious condition
LMC	M	N000	-N019	B201	Suba must be an infectious condition caused by a bacterial organism
LMC	M	N000	-N019	B208	Causative organism of suba not reported

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--- B24   ---
   CONTINUED
LMC   M   N030 -N039   B201   Suba must be an infectious condition
                              caused by a bacterial organism
LMC   M   N030 -N039   B208   Causative organism of suba not reported
LMC   M   N050 -N059   B201   Suba must be an infectious condition
                              caused by a bacterial organism
LMC   M   N050 -N059   B208   Causative organism of suba not reported
LMC   M   N10  -N12    B201   Suba must be an infectious condition
                              caused by a bacterial organism
LMC   M   N10  -N12    B208   Causative organism of suba not reported
LMC   M   N136         B201   Suba must be an infectious condition
                              caused by a bacterial organism
LMC   M   N136         B208   Causative organism of suba not reported
LMC   M   N151         B201   Suba must be an infectious condition
                              caused by a bacterial organism
LMC   M   N151         B208   Causative organism of suba not reported
LMC   M   N158 -N159   B238   Suba must be a non-infectious condition
LMC   M   N159         B201   Suba must be an infectious condition
                              caused by a bacterial organism
LMC   M   N159         B208   Causative organism of suba not reported
LMC   M   N188         B238   Suba must be a non-infectious condition
LMC   M   N288         B201   Suba must be an infectious condition
                              caused by a bacterial organism
LMC   M   N288         B208   Suba must be an infectious condition
                              with causative organism not reported
LMC   M   N288         B238   Suba must be a non-infectious condition
LMC   M   N300 -N303   B201   Suba must be an infectious condition
                              caused by a bacterial organism
LMC   M   N300 -N303   B208   Suba must be an infectious condition
                              with causative organism not reported
LMC   M   N308 -N309   B201   Suba must be an infectious condition
                              caused by a bacterial organism
LMC   M   N308 -N309   B208   Suba must be an infectious condition
                              with causative organism not reported
LMC   M   N340 -N342   B201   Suba must be an infectious condition
                              caused by a bacterial organism
LMC   M   N340 -N342   B208   Suba must be an infectious condition
                              with causative organism not reported
LMC   M   N390         B201   Suba must be an infectious condition
                              caused by a bacterial organism
LMC   M   N390         B208   Suba must be an infectious condition
                              with causative organism not reported
LMC   M   N410 -N419   B201   Suba must be caused by a bacterial
                              organism
LMC   M   N450 -N459   B201   Suba must be caused by a bacterial
                              organism
LMC   M   N481 -N482   B201   Suba must be caused by a bacterial
                              organism
LMC   M   N490 -N499   B201   Suba must be caused by a bacterial
                              organism
LMC   M   N61          B208   Causative organism of suba not reported
LMC   M   N700 -N768   B208   Causative organism of suba not reported
LMC   M   N820 -N829   B208   Causative organism of suba not reported
LMC   M   N820 -N829   B238   Suba must be a non-infectious condition
```

--- B259 ---

SDC   M K861   B252   Suba must be chronic pancreatitis

--- B349 ---

SMP   M I301   Suba must be stated viral
SMP   M I400   Suba must be stated viral
SMP   M J00   Suba must be stated viral
SMP   M J069 -J129   Suba must be stated viral
SMP   M J988   Suba must be stated viral

--- B379 ---

SDC   M B369   B378   Suba must be otomycosis
SDC   M B49   B378   Suba must be bronchomycosis
SDC   M K130   B378   Suba must be chelitis or perleche

--- B572 ---

LMC   M G000 -G98   B574   Addr must be Chagas disease NOS; suba
                              must have modifier of in Chagas disease
                              in VOL3
LMC   M K000 -K929   B573   Addr must be Chagas disease NOS; suba
                              must have modifier of in Chagas disease
                              in VOL3

--- B659 ---

LDC   M K260 -K599   B651   Suba must have a modifier of
                              schistosomiasis in VOL3
LDC   M L80 -L989   B653   Suba must have a modifier of
                              schistosomiasis in VOL3
LDC   M N000 -N399   B650   Suba must have a modifier of
                              schistosomiasis in VOL3

--- B779 ---

LMC   M K260 -K599   B770   Suba must have a modifier of ascariasis
                              in VOL3

--- B789 ---

SDC   M K260 -K599   B780   Suba must have a modifier of
                              strongyloidiasis in VOL3
SDC   M L00 -L989   B781   Suba must have a modifier of
                              strongyloidiasis in VOL3

--- B909 ---

SMP   M B900 -B908   Suba must be tuberculosis NOS
SDC   M E274   B908   Suba must be calcification adrenal and
                              addr must be tuberculosos of
                              unspecified site
SDC   M I898   B908   Suba must calcification of lymph
                              glands/nodee and addr must be
                              tuberculosis of unspecified site

--- B909 ---
  CONTINUED
SDC   M N288   B901   Addr must be tuberculosis of
                              unspecified site and suba must be
                              calcification of kidney

--- C229 ---

SMP   M C220 -C227   Addr and suba must be same
                              morphological type

--- C269 ---

SMP   M C150 -C268   Addr must be reported as digestive
                              system NOS or a synonymous term

--- C439 ---

SMP   M C000 -C399   Addr must be morphological type of
                              malignant neoplasm without mention of
                              site; suba must be same morphological
                              type of malignant neoplasm of specified
                              site
SMP   M C470 -C488   Addr must be morphological type of
                              malignant neoplasm without mention of
                              site; suba must be same morphological
                              type of malignant neoplasm of specified
                              site
SMP   M C500 -C759   Addr must be morphological type of
                              malignant neoplasm without mention of
                              site; suba must be same morphological
                              type of malignant neoplasm of specified
                              site

--- C449 ---

SMP   M C000 -C399   Addr must be morphological type of
                              malignant neoplasm without mention of
                              site; suba must be same morphological
                              type of malignant neoplasm of specified
                              site
SMP   M C470 -C488   Addr must be morphological type of
                              malignant neoplasm without mention of
                              site; suba must be same morphological
                              type of malignant neoplasm of specified
                              site
SMP   M C500 -C759   Addr must be morphological type of
                              malignant neoplasm without mention of
                              site; suba must be same morphological
                              type of malignant neoplasm of specified
                              site

```
--- C499  ---

SMP   M  C000 -C399          Addr must be morphological type of
                             malignant neoplasm without mention of
                             site; suba must be same morphological
                             type of malignant neoplasm of specified
                             site
SMP   M  C470 -C488          Addr must be morphological type of
                             malignant neoplasm without mention of
                             site; suba must be same morphological
                             type of malignant neoplasm of specified
                             site
SMP   M  C500 -C759          Addr must be morphological type of
                             malignant neoplasm without mention of
                             site; suba must be same morphological
                             type of malignant neoplasm of specified
                             site

--- C579  ---

LMC   M  C64  -C689   C97    Site of addr must be female genital NOS
SMP   M  C64  -C689          Addr must be female genitourinary tract

--- C639  ---

LMC   M  C64  -C689   C97    Site of addr must be male genital NOS

--- C689  ---

SMP   M  C64  -C688          Addr must be urinary organ or urinary
                             system NOS

--- C940  ---

SMP   M  C941                Addr must be acute erythremia and suba
                             must be chronic erythremia

--- D073  ---

SMP   M  C56                 Addr must be ovary

--- D370  ---

SMP   M  C000 -C148          Site of suba must be same as addr site
SMP   M  D000                Site of suba must be same as addr site
SMP   M  D100 -D119          Site of suba must be same as addr site

--- D372  ---

SMP   M  D014                Site of suba must be same as addr site

--- D376  ---

SMP   M  C220 -C259          Site of suba must be same as addr site
SMP   M  D015                Site of suba must be same as addr site
SMP   M  D134 -D137          Site of suba must be same as addr site
```

--- D377 ---

```
SMP    M   C150 -C159          Site of suba must be same as addr site
SMP    M   C210 -C218          Site of suba must be same as addr site
SMP    M   C260 -C268          Site of suba must be same as addr site
SMP    M   D001                Site of suba must be same as addr site
SMP    M   D017 -D019          Site of suba must be same as addr site
SMP    M   D130                Site of suba must be same as addr site
SMP    M   D139                Site of suba must be same as addr site
```

--- D381 ---

```
SMP    M   C33  -C349          Site of suba must be same as addr site
SMP    M   D021 -D022          Site of suba must be same as addr site
SMP    M   D142 -D143          Site of suba must be same as addr site
```

--- D382 ---

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SMP    M   D097                Site of suba must be same as addr site
SMP    M   D157                Site of suba must be same as addr site
```

--- D383 ---

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SMP    M   D097                Site of suba must be same as addr site
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--- D384 ---

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SMP    M   D093                Site of suba must be same as addr site
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--- D385 ---

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SMP    M   D023                Site of suba must be same as addr site
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--- D390 ---

```
SMP    M   C530 -C55           Site of suba must be same as addr site
SMP    M   D060 -D069          Site of suba must be same as addr site
```

--- D392 ---

```
SMP    M   D073                Site of suba must be same as addr site
SMP    M   D267                Site of suba must be same as addr site
```

--- D397 ---

```
SMP    M   C510 -C52           Site of suba must be same as addr site
SMP    M   C570 -C578          Site of suba must be same as addr site
SMP    M   D070 -D073          Site of suba must be same as addr site
SMP    M   D280 -D287          Site of suba must be same as addr site
```

--- D401 ---

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SMP    M   D076                Site of suba must be same as addr site
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--- D407 ---

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--- D407 ---

SMP   M  C600 -C609          Site of suba must be same as addr site
--- D407 ---
  CONTINUED
SMP   M  C630 -C639          Site of suba must be same as addr site
SMP   M  D076                Site of suba must be same as addr site
SMP   M  D290                Site of suba must be same as addr site
SMP   M  D293 -D297          Site of suba must be same as addr site

--- D410 -D413 ---

SMP   M  D091                Site of suba must be same as addr site

--- D417 ---

SMP   M  C680 -C689          Site of suba must be same as addr site
SMP   M  D091                Site of suba must be same as addr site
SMP   M  D304 -D307          Site of suba must be same as addr site

--- D420 -D429 ---

SMP   M  D097                Site of suba must be same as addr site

--- D430 -D432 ---

SMP   M  D097                Site of suba must be same as addr site
SMP   M  D181                Suba must be brain lymphangioma

--- D433 -D434 ---

SMP   M  D097                Site of suba must be same as addr site

--- D437 ---

SMP   M  C728 -C729          Site of suba must be same as addr site
SMP   M  D097                Site of suba must be same as addr site

--- D439 ---

SMP   M  D097                Site of suba must be same as addr site

--- D440 ---

SMP   M  D093                Suba must be thyroid

--- D441 ---

SMP   M  D093                Suba must be adrenal

--- D442 ---

SMP   M  D093                Suba must be parathyroid

--- D443 ---
```

--- D443 ---

SMP   M D093   Suba must be pituitary

```
--- D444 ---

SMP   M  D093                   Suba must be craniopharyngeal

--- D445 ---

SMP   M  D093                   Suba must be pineal

--- D446 ---

SMP   M  D093                   Suba must be carotid body

--- D447 ---

SMP   M  D093                   Suba must be aortic body or other
                                paraganglia

--- D469 ---

SMP   M  D471                   Suba must be myelofibrosis NOS

--- D487 ---

SMP   M  C380                   Site of suba must be same as addr site
SMP   M  C700 -C709             Site of suba must be same as addr site
SMP   M  C760 -C768             Site of suba must be same as addr site
SMP   M  D092                   Site of suba must be same as addr site
SMP   M  D097                   Site of suba must be same as addr site
SMP   M  D151                   Site of suba must be same as addr site
SMP   M  D360 -D367             Site of suba must be same as addr site

--- D501 -D508 ---

DSC   M  B24         B232   Addr must not be stated as congenital,
                           familial, genetic, idiopathic, primary
                           or due to an external cause
DSC   M  R75         B232   Addr must not be stated as congenital,
                           familial, genetic, idiopathic, primary
                           or due to an external cause

--- D528 ---

DSC   M  B24         B232   Addr must not be stated as congenital,
                           familial, genetic, idiopathic, primary
                           or due to an external cause
DSC   M  R75         B232   Addr must not be stated as congenital,
                           familial, genetic, idiopathic, primary
                           or due to an external cause

--- D530 -D539 ---

DSC   M  B24         B232   Addr must not be stated as congenital,
                           familial, genetic, idiopathic, primary
                           or due to an external cause
DSC   M  R75         B232   Addr must not be stated as congenital,
                           familial, genetic, idiopathic, primary
                           or due to an external cause
```

```
--- D571  ---

LMC   M  D569          D568   Suba must be thalassemia
SDC   M  D580          D578   Suba must be elliptocytosis
SDC   M  D581          D578   Suba must be spherocytosis

--- D582  ---

LMC   M  D569          D563   Addr must be abnormal hemoglobin tract
                              NEC with thalassemia in suba
LMP   M  D569                 Addr must be hemoglobinopathy with
                              thalassemia in suba
LMP   M  D581                 Suba must be elliptocytosis

--- D589  ---

SMP   M  D590 -D599           Addr must be hemolytic anemia NOS

--- D598  ---

DSC   M  B24           B232   Addr must not be stated as congenital,
                              familial, genetic, idiopathic, primary
                              or due to an external cause
DSC   M  R75           B232   Addr must not be stated as congenital,
                              familial, genetic, idiopathic, primary
                              or due to an external cause

--- D618  ---

DSC   M  B24           B232   Addr must not be stated as congenital,
                              familial, genetic, idiopathic, primary
                              or due to an external cause
DSC   M  R75           B232   Addr must not be stated as congenital,
                              familial, genetic, idiopathic, primary
                              or due to an external cause

--- D619  ---

DS    M  D470 -D479           Addr must be pancytopenia, not stated
                              congenital, familial, genetic,
                              idiopathic, primary
LMC   M  I6000         D610   Addr must be pancytopenia
LMC   M  I6060         D610   Addr must be pancytopenia
LMC   M  I6070         D610   Addr must be pancytopenia
LMC   M  I6080         D610   Addr must be pancytopenia
LMC   M  I6090         D610   Addr must be pancytopenia
LMC   M  Q000 -Q999    D610   Addr must be pancytopenia

--- D643  ---

DSC   M  B24           B232   Addr must not be stated as congenital,
                              familial, genetic, idiopathic, primary
                              or due to an external cause
DSC   M  R75           B232   Addr must not be stated as congenital,
                              familial, genetic, idiopathic, primary
                              or due to an external cause
```

--- D648 ---

```
DSC   M  B24          B232    Addr must not be stated as congenital,
                              familial, genetic, idiopathic, primary
                              or due to an external cause
DSC   M  R75          B232    Addr must not be stated as congenital,
                              familial, genetic, idiopathic, primary
                              or due to an external cause
```

--- D649 ---

```
SMP   M  A070                 Suba must be balantidium coli anemia
SMP   M  A188                 Suba must be tuberculous anemia
SMP   M  A527                 Suba must be syphilitic anemia
SMP   M  B54                  Suba must be malaria anemia
SMP   M  B700                 Suba must be diphyllobothrium anemia
SMP   M  B769                 Suba must be types of anemia
SMP   M  D469                 Suba must be myelodysplastic anemia
SMP   M  D471                 Suba must be myeloproliferative anemia
DSC   M  E46          D539    Suba must be malnutrition NOS
SMP   M  I678                 Suba must be cerebral anemia
```

--- D688 ---

```
DSC   M  B24          B232    Addr must not be stated as congenital,
                              familial, genetic, idiopathic, primary
                              or due to an external cause
DSC   M  R75          B232    Addr must not be stated as congenital,
                              familial, genetic, idiopathic, primary
                              or due to an external cause
```

--- D692 ---

```
SMP   M  D698                 Suba must be capillary fragility,
                              purpura, idiopathic
SMP   M  D890                 Suba must be hypergammaglobulinemic
                              purpura
SMP   M  D891                 Suba must be cryoglobulinemic purpura
SMP   M  E54                  Suba must be scorbutic purpura
SMP   M  M311                 Suba must be thrombotic
                              thrombocytopenia
```

--- D695 -D699 ---

```
DSC   M  B24          B232    Addr must not be stated as congenital,
                              familial, genetic, idiopathic, primary
                              or due to an external cause
DSC   M  R75          B232    Addr must not be stated as congenital,
                              familial, genetic, idiopathic, primary
                              or due to an external cause
```

--- D70 ---

```
DSC   M  B24          B232    Addr must not be stated as congenital,
                              familial, genetic, idiopathic, primary
                              or due to an external cause
```

```
                             TABLE F
          REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- D70   ---
   CONTINUED
DS    M  C810 -C943          Addr must not be stated as congenital,
                             drug-induced, familial, genetic,
                             idiopathic, infantile or primary
DSC   M  R75         B232    Addr must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause

--- D728  ---

DSC   M  B24         B232    Addr must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause
DSC   M  D801        D819    Addr must be leukopenia; suba must be
                             agammaglobulinemia
DSC   M  R75         B232    Addr must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause

--- D730  ---

DSC   M  E859        E854    Addr must be degeneration spleen

--- D738  ---

DSC   M  B24         B201    Addr must be caused by a bacterial
                             organism
DSC   M  B24         B203    Addr must be caused by a viral organism
DSC   M  B24         B208    Addr must be an infectious condition
                             with causative organism not reported
DSC   M  R75         B201    Addr must be caused by a bacterial
                             organism
DSC   M  R75         B203    Addr must be caused by a viral organism
DSC   M  R75         B208    Addr must be an infectious condition
                             with causative organism not reported

--- D739  ---

SMP   M  C788                Suba must be spleen
SMP   M  D139                Suba must be spleen
SMP   M  D377                Suba must be spleen

--- D748  ---

DSC   M  B24         B232    Addr must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause
DSC   M  R75         B232    Addr must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause

--- D751  ---

DSC   M  B24         B232    Addr must not be stated as congenital,
                             familial, genetic, idiopathic, primary
                             or due to an external cause
```

--- D751 ---
  CONTINUED

DSC   M R75   B232   Addr must not be stated as congenital,
                          familial, genetic, idiopathic, primary
                          or due to an external cause

--- D758 ---

DSC   M B24   B232   Addr must not be stated as congenital,
                          familial, genetic, idiopathic, primary
                          or due to an external cause
DSC   M R75   B232   Addr must not be stated as congenital,
                          familial, genetic, idiopathic, primary
                          or due to an external cause

--- D801 ---

LMC   M D728   D819   Suba must be leukopenia; addr must be
                          agammaglobulinemia

--- D808 -D812 ---

DSC   M B24   B232   Addr must not be stated as congenital,
                          familial, genetic, idiopathic, primary
                          or due to an external cause
DSC   M R75   B232   Addr must not be stated as congenital,
                          familial, genetic, idiopathic, primary
                          or due to an external cause

--- D816 -D818 ---

DSC   M B24   B232   Addr must not be stated as congenital,
                          familial, genetic, idiopathic, primary
                          or due to an external cause
DSC   M R75   B232   Addr must not be stated as congenital,
                          familial, genetic, idiopathic, primary
                          or due to an external cause

--- D819 ---

DSC   M B24   B232   Addr must not be stated as congenital,
                          familial, genetic, idiopathic, primary
                          or due to an external cause
LMC   M D720   D810   Suba must be reticular dysgenesis
DSC   M R75   B232   Addr must not be stated as congenital,
                          familial, genetic, idiopathic, primary
                          or due to an external cause

--- D830 -D848 ---

DSC   M B24   B232   Addr must not be stated as congenital,
                          familial, genetic, idiopathic, primary
                          or due to an external cause
DSC   M R75   B232   Addr must not be stated as congenital,
                          familial, genetic, idiopathic, primary
                          or due to an external cause

--- D849 ---

| LMC | M | E703 | D828 | Suba must be partial albinism |
| LMC | M | L309 | D820 | Suba must be eczema |

--- D860 -D861 ---

| SMP | M | D868 | | Suba must be sarcoidosis of a specified site |

--- D898 ---

| DSC | M | B24 | B232 | Addr must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause |
| DSC | M | R75 | B232 | Addr must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause |

--- E018 ---

| SMP | M | E009 | | Addr must be iodine deficiency hypothyroidism |

--- E039 -E0390 ---

| SMP | M | E009 | | Suba must be congenital iodine deficiency hypothyroidism |
| SMP | M | E018 | | Suba must be iodine deficiency hypothyroidism |

--- E049 ---

| LMC | M | E059 | E050 | Addr must be hyperthyroidism |
| LMC | M | E059 | E052 | Addr must be adenomatous or nodular goiter |

--- E059 ---

LMC	M	E049	E050	Suba must be goiter (diffuse)
LMC	M	E049	E051	Suba must be thyroid nodule
LMC	M	E049	E052	Suba must be adenomatous or nodular goiter

--- E069 ---

| SMP | M | A188 | | Suba must be tuberculous thyroiditis |

--- E079 ---

| SMP | M | C798 | | Suba must be thyroid gland |
| SMP | M | D093 | | Suba must be thyroid gland |

--- E100 ---

| LMC | M | G718 | E107 | Suba must be amyotrophia |

--- E100 ---
CONTINUED

LMC	M	G98	E107	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
LMC	M	I99	E107	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
LMC	M	K318	E107	Suba must be gastroparesis
LMC	M	N498	E107	Suba must be gangrene of male genital organ(s) (specified)
LMC	M	R798	E107	Suba must be acetonemia

--- E101 ---

LMC	M	G718	E107	Suba must be amyotrophia
LMC	M	G98	E107	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
LMC	M	I99	E107	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
LMC	M	K318	E107	Suba must be gastroparesis
LMC	M	N498	E107	Suba must be gangrene of male genital organ(s) (specified)

--- E102 -E103 ---

LMC	M	E888	E107	Suba must be ketosis
LMC	M	G718	E107	Suba must be amyotrophia
LMC	M	G98	E107	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
LMC	M	I99	E107	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
LMC	M	K318	E107	Suba must be gastroparesis
LMC	M	N498	E107	Suba must be gangrene of male genital organ(s) (specified)
LMC	M	R798	E107	Suba must be acetonemia

--- E104 ---

LMC	M	E888	E107	Suba must be ketosis
LMC	M	G98	E107	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
LMC	M	I99	E107	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
LMC	M	K318	E107	Suba must be gastroparesis
LMC	M	N498	E107	Suba must be gangrene of male genital organ(s) (specified)
LMC	M	R798	E107	Suba must be acetonemia

--- E105 ---

LMC	M	E888	E107	Suba must be ketosis
LMC	M	G718	E107	Suba must be amyotrophia

```
                          TABLE F
        REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE


--- E105  ---
  CONTINUED
LMC   M  G98          E107   Suba must be Charcots arthritis,
                             arthropathy or neurogenic, neuropathic
                             arthropathy
LMC   M  K318         E107   Addr must be gastroparesis
LMC   M  R798         E107   Suba must be acetonemia

--- E106  ---

LMC   M  E888         E107   Suba must be ketosis
LMC   M  G718         E107   Suba must be amyotrophia
LMC   M  I99          E107   Suba must be angiopathy,vascular
                             (occlusive) disease, vasculopathy
LMC   M  N498         E107   Suba must be gangrene of male genital
                             organ(s) (specified)
LMC   M  R798         E107   Suba must be acetonemia

--- E108  ---

SMC   M  E888         E101   Suba must be ketosis
SMC   M  G718         E104   Suba must be amyotrophia
SMC   M  G98          E106   Suba must be Charcots arthritis,
                             arthropathy or neurogenic, neuropathic
                             arthropathy
SMC   M  I99          E105   Suba must be angiopathy, vascular
                             (occlusive) disease, vasculopathy
SMC   M  K318         E106   Suba must be gastroparesis
LMC   M  N498         E105   Suba must be gangrene of male genital
                             organ(s) (specified)
SMC   M  R798         E101   Suba must be acetonemia

--- E109  ---

LMC   M  E888         E101   Suba must be ketosis
LMC   M  G718         E104   Suba must be amyotrophia
LMC   M  G98          E106   Suba must be Charcots arthritis,
                             arthropathy or neurogenic, neuropathic
                             arthropathy
LMC   M  I99          E105   Suba must be angiopathy, vascular
                             (occlusive) disease, vasculopathy
LMC   M  K318         E106   Suba must be gastroparesis
LMC   M  N498         E105   Suba must be gangrene of male genital
                             organ(s) (specified)
LMC   M  R798         E101   Suba must be acetonemia

--- E110  ---

LMC   M  G718         E117   Suba must be amyotrophia
LMC   M  G98          E117   Suba must be Charcots arthritis,
                             arthropathy or neurogenic, neuropathic
                             arthropathy
LMC   M  I99          E117   Suba must be angiopathy, vascular
                             (occlusive) disease, vasculopathy
LMC   M  K318         E117   Suba must be gastroparesis
LMC   M  N498         E117   Suba must be gangrene of male genital
                             organ(s) (specified)
```

```
--- E110 ---
  CONTINUED
LMC   M  R798          E117   Suba must be acetonemia


--- E111 ---

LMC   M  G909          E117   Suba must be amyotrophia
LMC   M  G98           E117   Suba must be Charcots arthritis,
                              arthropathy or neurogenic, neuropathic
                              arthropathy
LMC   M  I99           E117   Suba must be angiopathy, vascular
                              (occlusive) disease, vasculopathy
LMC   M  K318          E117   Suba must be gastroparesis
LMC   M  N498          E117   Suba must be gangrene of male genital
                              organ(s) (specified)


--- E112 -E113 ---

LMC   M  E888          E117   Suba must be ketosis
LMC   M  G718          E117   Suba must be amyotrophia
LMC   M  G98           E117   Suba must be Charcots arthritis,
                              arthropathy or neurogenic, neuropathic
                              arthropathy
LMC   M  I99           E117   Suba must be angiopathy, vascular
                              (occlusive) disease, vasculopathy
LMC   M  K318          E117   Suba must be gastroparesis
LMC   M  N498          E117   Suba must be gangrene of male genital
                              organ(s) (specified)
LMC   M  R798          E117   Suba must be acetonemia


--- E114 ---

LMC   M  E888          E117   Suba must be ketosis
LMC   M  G98           E117   Suba must be Charcots arthritis,
                              arthropathy or neurogenic, neuropathic
                              arthropathy
LMC   M  I99           E117   Suba must be angiopathy, vascular
                              (occlusive) disease, vasculopathy
LMC   M  K318          E117   Suba must be gastroparesis
LMC   M  N498          E117   Suba must be gangrene of male genital
                              organ(s) (specified)
LMC   M  R798          E117   Suba must be acetonemia


--- E115 ---

LMC   M  E888          E117   Suba must be ketosis
LMC   M  G718          E117   Suba must be amyotrophia
LMC   M  G98           E117   Suba must be Charcots arthritis,
                              arthropathy or neurogenic, neuropathic
                              arthropathy
LMC   M  K318          E117   Suba must be gastroparesis
LMC   M  R798          E117   Suba must be acetonemia


--- E116 ---

LMC   M  E888          E117   Suba must be ketosis
LMC   M  G718          E117   Suba must be amyotrophia
```

--- E116 ---
  CONTINUED

LMC	M	I99	E117	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
LMC	M	N498	E117	Suba must be gangrene of male genital organ(s) (specified)
LMC	M	R798	E117	Suba must be acetonemia

--- E118 ---

SMC	M	E888	E111	Suba must be ketosis
SMC	M	G718	E114	Suba must be amyotrophia
SMC	M	G98	E116	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
SMC	M	I99	E115	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
SMC	M	K318	E116	Suba must be gastroparesis
LMC	M	N498	E115	Suba must be gangrene of male genital organ(s) (specified)
SMC	M	R798	E111	Suba must be acetonemia

--- E119 ---

LMC	M	E888	E111	Suba must be ketosis
LMC	M	G718	E114	Suba must be amyotrophia
LMC	M	G98	E116	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
LMC	M	I99	E115	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
LMC	M	K318	E116	Suba must be gastroparesis
LMC	M	N498	E115	Suba must be gangrene of male genital organ(s) (specified)
LMC	M	R798	E111	Suba must be acetonemia

--- E120 ---

LMC	M	G718	E127	Suba must be amyotrophia
LMC	M	G98	E127	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
LMC	M	I99	E127	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
LMC	M	K318	E127	Suba must be gastroparesis
LMC	M	N498	E127	Suba must be gangrene of male genital organ(s) (specified)
LMC	M	R798	E127	Suba must be acetonemia

--- E121 ---

LMC	M	G718	E127	Suba must be amyotrophia
LMC	M	G98	E127	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
LMC	M	I99	E127	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy

--- E121 ---
  CONTINUED
LMC   M K318   E127   Suba must be gastroparesis
LMC   M N498   E127   Suba must be gangrene of male genital
                              organ(s) (specified)

--- E122 -E123 ---

LMC   M E888   E127   Suba must be ketosis
LMC   M G718   E127   Suba must be amyotrophia
LMC   M G98   E127   Suba must be Charcots arthritis,
                              arthropathy or neurogenic, neuropathic
                              arthropathy
LMC   M I99   E127   Suba must be angiopathy, vascular
                              (occlusive) disease, vasculopathy
LMC   M K318   E127   Suba must be gastroparesis
LMC   M N498   E127   Suba must be gangrene of male genital
                              organ(s) (specified)
LMC   M R798   E127   Suba must be acetonemia

--- E124 ---

LMC   M E888   E127   Suba must be ketosis
LMC   M G98   E127   Suba must be Charcots arthritis,
                              arthropathy or neurogenic, neuropathic
                              arthropathy
LMC   M I99   E127   Suba must be angiopathy, vascular
                              (occlusive) disease, vasculopathy
LMC   M K318   E127   Suba must be gastroparesis
LMC   M N498   E127   Suba must be gangrene of male genital
                              organ(s) (specified)
LMC   M R798   E127   Suba must be acetonemia

--- E125 ---

LMC   M E888   E127   Suba must be ketosis
LMC   M G718   E127   Suba must be amyotrophia
LMC   M G98   E127   Suba must be Charcots arthritis,
                              arthropathy or neurogenic, neuropathic
                              arthropathy
LMC   M K318   E127   Suba must be gastroparesis
LMC   M R798   E127   Suba must be acetonemia

--- E126 ---

LMC   M E888   E127   Suba must be ketosis
LMC   M G718   E127   Suba must be amyotrophia
LMC   M I99   E127   Suba must be angiopathy, vascular
                              (occlusive) disease, vasculopathy
LMC   M N498   E127   Suba must be gangrene of male genital
                              organ(s) (specified)
LMC   M R798   E127   Suba must be acetonemia

--- E128 ---

SMC   M E888   E121   Suba must be ketosis
SMC   M G718   E124   Suba must be amyotrophia

--- E128 ---
  CONTINUED

SMC	M	G98	E126	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
SMC	M	I99	E125	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
SMC	M	K318	E126	Suba must be gastroparesis
LMC	M	N498	E125	Suba must be gangrene of male genital organ(s) (specified)
SMC	M	R798	E121	Suba must be acetonemia

--- E129 ---

LMC	M	E888	E121	Suba must be ketosis
LMC	M	G718	E124	Suba must be amyotrophia
LMC	M	G98	E126	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic anthropathy
LMC	M	I99	E125	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
LMC	M	K318	E126	Suba must be gastroparesis
LMC	M	N498	E125	Suba must be gangrene of male genital organ(s) (specified)
LMC	M	R798	E121	Suba must be acetonemia

--- E130 ---

LMC	M	G718	E137	Suba must be amyotrophia
LMC	M	G98	E137	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
LMC	M	I99	E137	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
LMC	M	K318	E137	Suba must be gastroparesis
LMC	M	N498	E137	Suba must be gangrene of male genital organ(s) (specified)
LMC	M	R798	E137	Suba must be acetonemia

--- E131 ---

LMC	M	G718	E137	Suba must be amyotrophia
LMC	M	G98	E137	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
LMC	M	I99	E137	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
LMC	M	K318	E137	Suba must be gastroparesis
LMC	M	N498	E137	Suba must be gangrene of male genital organ(s) (specified)

--- E132 -E133 ---

LMC	M	E888	E137	Suba must be ketosis
LMC	M	G718	E137	Suba must be amyotrophia

--- E132 -E133 ---
   CONTINUED

LMC	M	G98	E137	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
LMC	M	I99	E137	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
LMC	M	K318	E137	Suba must be gastroparesis
LMC	M	N498	E137	Suba must be gangrene of male genital organ(s) (specified)
LMC	M	R798	E137	Suba must be acetonemia

--- E134 ---

LMC	M	E888	E137	Suba must be ketosis
LMC	M	G98	E137	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
LMC	M	I99	E137	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
LMC	M	K318	E137	Suba must be gastroparesis
LMC	M	N498	E137	Suba must be gangrene of male genital organ(s) (specified)
LMC	M	R798	E137	Suba must be acetonemia

--- E135 ---

LMC	M	E888	E137	Suba must be ketosis
LMC	M	G718	E137	Suba must be amyotrophia
LMC	M	G98	E137	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
LMC	M	K318	E137	Suba must be gastroparesis
LMC	M	R798	E137	Suba must be acetonemia

--- E136 ---

LMC	M	E888	E137	Suba must be ketosis
LMC	M	G718	E137	Suba must be amyotrophia
LMC	M	I99	E137	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
LMC	M	N498	E137	Suba must be gangrene of male genital organ(s) (specified)
LMC	M	R798	E137	Suba must be acetonemia

--- E138 ---

SMC	M	E888	E131	Suba must be ketosis
SMC	M	G718	E134	Suba must be amyotrophia
SMC	M	G98	E136	Suba must be Charcots arthritis, arthropathy or neurogenic, neuropathic arthropathy
SMC	M	I99	E135	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
SMC	M	K318	E136	Suba must be gastroparesis
LMC	M	N498	E135	Suba must be gangrene of male genital organ(s) (specified)

```
--- E138  ---
   CONTINUED
SMC   M  R798          E131  Suba must be acetonemia


--- E139  ---

LMC   M  E888          E131  Suba must be ketosis
LMC   M  G718          E134  Suba must be amyotrophia
LMC   M  G98           E136  Suba must be Charcots arthritis,
                             arthropathy or neurogenic, neuropathic
                             arthropathy
LMC   M  I99           E135  Suba must be angiopathy, vascular
                             (occlusive) disease, vasculopathy
LMC   M  K318          E136  Suba must be gastroparesis
LMC   M  N498          E135  Suba must be gangrene of male genital
                             organ(s) (specified)
LMC   M  R798          E131  Suba must be acetonemia


--- E140  ---

LMC   M  G718          E147  Suba must be amyotrophia
LMC   M  G98           E147  Suba must be Charcots arthritis,
                             arthropathy or neurogenic, neuropathic
                             arthropathy
LMC   M  I99           E147  Suba must be angiopathy, vascular
                             (occlusive) disease, vasculopathy
LMC   M  K318          E147  Suba must be gastroparesis
LMC   M  N498          E147  Suba must be gangrene of male genital
                             organ(s) (specified)
LMC   M  R798          E147  Suba must be acetonemia


--- E141  ---

LMC   M  G718          E147  Suba must be amyotrophia
LMC   M  G98           E147  Suba must be Charcots arthritis,
                             arthropathy or neurogenic, neuropathic
                             arthropathy
LMC   M  I99           E147  Suba must be angiopathy, vascular
                             (occlusive) disease, vasculopathy
LMC   M  K318          E147  Suba must be gastroparesis
LMC   M  N498          E147  Suba must be gangrene of male genital
                             organ(s) (specified)


--- E142 -E143  ---

LMC   M  E888          E147  Suba must be ketosis
LMC   M  G718          E147  Suba must be amyotrophia
LMC   M  G98           E147  Suba must be Charcots arthritis,
                             arthropathy or neurogenic, neuropathic
                             arthropathy
LMC   M  I99           E147  Suba must be angiopathy, vascular
                             (occlusive) disease, vasculopathy
LMC   M  K318          E147  Suba must be gastroparesis
LMC   M  N498          E147  Suba must be gangrene of male genital
                             organ(s) (specified)
LMC   M  R798          E147  Suba must be acetonemia
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                              TABLE F
           REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE


--- E144  ---

LMC   M  E888          E147   Suba must be ketosis
LMC   M  G98           E147   Suba must be Charcots arthritis,
                              arthropathy or neurogenic, neuropathic
                              arthropathy
LMC   M  I99           E147   Suba must be angiopathy, vascular
                              (occlusive) disease, vasculopathy
LMC   M  K318          E147   Suba must be gastroparesis
LMC   M  N498          E147   Suba must be gangrene of male genital
                              organ(s) (specified)
LMC   M  R798          E147   Suba must be acetonemia

--- E145  ---

LMC   M  E888          E147   Suba must be ketosis
LMC   M  G718          E147   Suba must be amyotrophia
LMC   M  G98           E147   Suba must be Charcots arthritis,
                              arthropathy or neurogenic, neuropathic
                              arthropathy
LMC   M  K318          E147   Suba must be gastroparesis
LMC   M  R798          E147   Suba must be acetonemia

--- E146  ---

LMC   M  E888          E147   Suba must be ketosis
LMC   M  G718          E147   Suba must be amyotrophia
LMC   M  I99           E147   Suba must be angiopathy, vascular
                              (occlusive) disease, vasculopathy
LMC   M  N498          E147   Suba must be gangrene of male genital
                              organ(s) (specified)
LMC   M  R798          E147   Suba must be acetonemia

--- E148  ---

SMC   M  E888          E141   Suba must be ketosis
SMC   M  G718          E144   Suba must be amyotrophia
SMC   M  G98           E146   Suba must be Charcots arthritis,
                              arthropathy or neurogenic, neuropathic
                              arthropathy
SMC   M  I99           E145   Suba must be angiopathy, vascular
                              (occlusive) disease, vasculopathy
SMC   M  K318          E146   Suba must be gastroparesis
LMC   M  N498          E145   Suba must be gangrene of male genital
                              organ(s) (specified)
SMC   M  R798          E141   Suba must be acetonemia

--- E149  ---

LMC   M  E888          E141   Suba must be ketosis
LMC   M  G718          E144   Suba must be amyotrophia
LMC   M  G98           E146   Suba must be Charcots arthritis,
                              arthropathy or neurogenic, neuropathic
                              arthropathy
LMC   M  I99           E145   Suba must be angiopathy, vascular
                              (occlusive) disease, vasculopathy
LMC   M  K318          E146   Suba must be gastroparesis
```

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--- E149  ---
   CONTINUED
LMC   M  N498          E145   Suba must be gangrene of male genital
                              organ(s) (specified)
LMC   M  R798          E141   Suba must be acetonemia

--- E15   ---

DSC   M  B24           B238   Addr must not be drug-induced
DSC   M  E101          E100   Addr must be hypoglycemic coma
DSC   M  E102 -E106    E107   Addr must be hypoglycemic coma
DSC   M  E112 -E116    E117   Addr must be hypoglycemic coma
DSC   M  E122 -E126    E127   Addr must be hypoglycemic coma
DSC   M  E131          E130   Addr must be hypoglycemic coma
DSC   M  E132 -E136    E137   Addr must be hypoglycemic coma
DSC   M  E142 -E146    E147   Addr must be hypoglycemic coma
DSC   M  E148 -E149    E140   Addr must be hypoglycemic coma
DSC   M  R75           B238   Addr must not be drug-induced

--- E161 -E162  ---

DSC   M  B24           B238   Addr must not be drug-induced
DSC   M  R75           B238   Addr must not be drug-induced

--- E237  ---

SMP   M  C798                 Suba must be pituitary gland
SMP   M  D093                 Suba must be pituitary gland
SMP   M  Q892                 Suba must be pituitary gland

--- E249  ---

LMP   M  E270                 Suba must be qualified as not
                              associated with Cushings syndrome

--- E278  ---

LMP   M  E250                 Addr must be adrenal hyperplasia
LDC   M  E269          E260   Addr must be adrenal hyperplasia
LMC   M  E301          E250   Addr must be adrenal hyperplasia

--- E279  ---

SMP   M  D093                 Suba must be adrenal gland

--- E301  ---

LMC   M  E278          E250   Suba must be adrenal hyperplasia

--- E329  ---

SMP   M  C798                 Site of suba must be same as addr site
SMP   M  D093                 Site of suba must be same as addr site

--- E349  ---

SMP   M  C798                 Site of suba must be same as addr site
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--- E349  ---
   CONTINUED
SMP   M  D093                       Site of suba must be same as addr site


--- E40   ---

SDC   M  D649           D530   Suba must be protein deficiency
SDC   M  D649           D539   Suba cannot be protein deficiency


--- E42  -E441   ---

SDC   M  D649           D530   Suba must be protein deficiency
SDC   M  D649           D539   Suba cannot be protein deficiency


--- E46   ---

SMP   M  D530                       Addr must be protein deficiency; suba
                                    must be protein-deficiency anemia
SMP   M  D539                       Addr must be malnutrition; suba must be
                                    nutritional anemia NOS
SDC   M  D539           D530   Addr must be protein deficiency
SDC   M  D649           D530   Addr must be protein deficiency
SDC   M  D649           D539   Addr must be malnutrition NOS
LMC   M  R628           E45    Suba must be physical retardation or
                                    arrested development


--- E509   ---

LMC   M  H111           E501   Suba must be conjunctive xerosis or
                                    Bitots spots
LMC   M  H168           E504   Suba must be xerotic keratitis
LMC   M  H178           E506   Suba must be xerophthalmic corneal scar
LMC   M  H184           E504   Suba must be keratomalacia
LMC   M  H188           E502   Suba must be corneal xerosis
LMC   M  Q828           E508   Suba must be follicular keratosis


--- E538   ---

SMP   M  D510 -D519            Addr must be vitamin B12 deficiency
SMP   M  D520 -D529            Addr must be folate acid deficiency
SDC   M  D539           D520   Addr must be dietary folic acid
                                    deficiency
SDC   M  D539           D521   Addr must be drug induced folic acid
                                    deficiency
SDC   M  D539           D529   Addr must be folate acid deficiency
SDC   M  D649           D510   Addr must be an intrinsic vitamin B12
                                    factor deficiency
SDC   M  D649           D511   Addr must be a selective vitamin B12
                                    deficiency
SDC   M  D649           D513   Addr must be a dietary vitamin B12
                                    deficiency
SDC   M  D649           D518   Addr must be an other specified vitamin
                                    B12 deficiency
SDC   M  D649           D519   Addr must be vitamin B12 deficiency
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--- E639  ---

SMP   M  K746                        Suba must be nutritional cirrhosis

--- E669  ---

SMP   M  E039 -E0390                 Suba must be hypothyroid obesity
SMP   M  E236                        Suba must be pituitary obesity

--- E841  ---

LMC   M  J840              E848   Addr cannot be idiopathic

--- E849  ---

LMC   M  J840              E840   Addr cannot be idiopathic

--- E859  ---

LMC   M  D730              E854   Suba must be degeneration spleen
LMC   M  G318              E854   Suba must be degeneration spinal (cord)
LMC   M  G319              E854   Suba must be degeneration nervous
                                        system
LMC   M  I679              E854   Suba must be cerebral angiopathy
LMC   M  J660 -J708        E854   Suba indexed with a modifier of amyloid
LMC   M  J80  -J841        E854   Suba indexed with a modifier of amyloid
LMC   M  J848 -J989        E854   Suba indexed with a modifier of amyloid
LMC   M  K768              E854   Suba must be degeneration liver
LMC   M  L280              E854   Suba must be lichen
LMC   M  L988              E854   Suba must be degeneration skin
LMC   M  M792              E854   Suba must be neuritis
LMC   M  N288              E854   Suba must be degeneration kidney

--- E872  ---

SMP   M  E101                        Addr must be acidosis NOS
DSC   M  E108              E101   Addr must be acidosis
SMP   M  E111                        Addr must be acidosis NOS
DSC   M  E118              E111   Addr must be acidosis
SMP   M  E121                        Addr must be acidosis NOS
DSC   M  E128              E121   Addr must be acidosis
SMP   M  E131                        Addr must be acidosis NOS
DSC   M  E138              E131   Addr must be acidosis
SMP   M  E141                        Addr must be acidosis NOS
DSC   M  E148              E141   Addr must be acidosis
SMP   M  N258                        Suba must be renal acidosis; addr must
                                        be acidosis NOS

--- E878  ---

SMP   M  E870 -E877                  Addr must be electrolyte imbalance NOS

--- E888  ---

DS    M  E100                        Addr must be ketosis
DSC   M  E102 -E106        E107   Addr must be ketosis
DSC   M  E109              E101   Addr must be ketosis
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--- E888  ---
   CONTINUED
DS    M   E110                   Addr must be ketosis
DSC   M   E112 -E116   E117      Addr must be ketosis
DSC   M   E119            E111   Addr must be ketosis
DS    M   E120                   Addr must be ketosis
DSC   M   E122 -E126   E127      Addr must be ketosis
DSC   M   E129            E121   Addr must be ketosis
DS    M   E130                   Addr must be ketosis
DSC   M   E132 -E136   E137      Addr must be ketosis
DSC   M   E139            E131   Addr must be ketosis
DSC   M   E140            E147   Addr must be ketosis
DS    M   E140                   Addr must be ketosis
DSC   M   E142 -E146   E147      Addr must be ketosis
DSC   M   E149            E141   Addr must be ketosis

--- F03   ---

SMP   M   F107                   Suba must be alcoholic dementia; addr
                                 must not be senile/presenile
SMP   M   F117                   Suba must be dementia
SMP   M   F127                   Mental disorder in suba must be
                                 dementia
SMP   M   F137                   Mental disorder in suba must be
                                 dementia
SMP   M   F147                   Mental disorder in suba must be
                                 dementia
SMP   M   F157                   Mental disorder in suba must be
                                 dementia
SMP   M   F167                   Mental disorder in suba must be
                                 dementia
SMP   M   F177                   Mental disorder in suba must be
                                 dementia
SMP   M   F187                   Mental disorder in suba must be
                                 dementia
SMP   M   F197                   Mental disorder in suba must be
                                 dementia
SMP   M   F200 -F209             Suba must be a type of schizophrenic
                                 dementia
SMP   M   F843                   Suba must be infantile dementia

--- F059  ---

SMP   M   F104                   Suba must be acute alcoholic delirium

--- F069  ---

SMP   M   F107                   Suba must be alcoholic brain syndrome

--- F100 -F106  ---

SMP   M   E244                   Suba must be alcohol-induced
                                 pseudo-Cushings syndrome
SMP   M   E52                    Suba must be alcoholic pellagra
SDC   M   G119          G312     Suba must not be stated hereditary
SDC   M   G318          G312     Suba must be cortical degeneration
SMP   M   G405                   Suba must be qualified as alcoholic
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--- F100 -F106  ---
   CONTINUED
SDC   M  G629          G621    Suba must be polyneuropathy
SDC   M  K720          K701    Suba must be acute hepatitis
SDC   M  K746          K703    Suba must not be "non-alcoholic"
SDC   M  K85           K860    Suba must be pancreatitis NOS
SMP   M  L278                  Suba must be alcoholic dermatitis
SDC   M  R418          F107    Suba must be impairment, cognitive,
                               resisting

--- F107  ---

SMP   M  E244                  Suba must be alcohol-induced
                               pseudo-Cushings syndrome
SMP   M  E52                   Suba must be alcoholic pellagra
SDC   M  G119          G312    Suba must not be stated hereditary
SDC   M  G318          G312    Suba must be cortical degeneration
SMP   M  G405                  Suba must be qualified as alcoholic
SDC   M  G629          G621    Suba must be polyneuropathy
SDC   M  K720          K701    Suba must be acute hepatitis
SDC   M  K746          K703    Suba must not be "non-alcoholic"
SDC   M  K85           K860    Suba must be pancreatitis NOS
SMP   M  L278                  Suba must be alcoholic dermatitis

--- F108  ---

SMP   M  E244                  Suba must be alcohol-induced
                               pseudo-Cushings syndrome
SMP   M  E52                   Suba must be alcoholic pellagra
SDC   M  G119          G312    Suba must not be stated hereditary
SDC   M  G318          G312    Suba must be cortical degeneration
SMP   M  G405                  Suba must be qualified as alcoholic
SDC   M  G629          G621    Suba must be polyneuropathy
SDC   M  K720          K701    Suba must be acute hepatitis
SDC   M  K746          K703    Suba must not be "non-alcoholic"
SDC   M  K85           K860    Suba must be pancreatitis NOS
SMP   M  L278                  Suba must be alcoholic dermatitis
SDC   M  R418          F107    Suba must be impairment, cognitive,
                               resisting

--- F109  ---

SMP   M  E244                  Suba must be alcohol-induced
                               pseudo-Cushings syndrome
SMP   M  E52                   Suba must be alcoholic pellagra
LMC   M  F059          F104    Addr must be acute alcoholism or
                               alcoholism NOS
SDC   M  F069          F107    Suba must be brain syndrome
LMC   M  F220          F105    Suba must be paranoia or paranoid
                               psychosis
LMC   M  F28           F105    Suba must be hallucinosis
LMC   M  F29           F105    Suba must be psychosis NOS
LMC   M  F39           F108    Suba must be mood disorder
SDC   M  G119          G312    Suba must not be stated hereditary
SDC   M  G318          G312    Suba must be cortical degeneration
SMP   M  G405                  Suba must be qualified as alcoholic
SDC   M  G629          G621    Suba must be polyneuropathy
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--- F109 ---
   CONTINUED
SDC   M   K720          K701   Suba must be acute hepatitis
SDC   M   K746          K703   Suba must not be "non-alcoholic"
SDC   M   K85           K860   Suba must be pancreatitis NOS
SMP   M   L278                 Suba must be alcoholic dermatitis
SDC   M   R418          F107   Suba must be impairment, cognitive,
                               resisting


--- F119 ---

SDC   M   F220          F115   Suba must be paranoia or paranoid
                               psychosis
SDC   M   F28           F115   Suba must be hallucinosis
SDC   M   F29           F115   Suba must be psychosis NOS
SDC   M   F39           F118   Suba must be mood disorder


--- F129 ---

SDC   M   F220          F125   Suba must be paranoia or paranoid
                               psychosis
SDC   M   F28           F125   Suba must be hallucinosis
SDC   M   F29           F125   Suba must be psychosis NOS
SDC   M   F39           F128   Suba must be mood disorder


--- F139 ---

SDC   M   F220          F135   Suba must be paranoia or paranoid
                               psychosis
SDC   M   F28           F135   Suba must be hallucinosis
SDC   M   F29           F135   Suba must be psychosis NOS
SDC   M   F39           F138   Suba must be mood disorder


--- F149 ---

SDC   M   F220          F145   Suba must be paranoia or paranoid
                               psychosis
SDC   M   F28           F145   Suba must be hallucinosis
SDC   M   F29           F145   Suba must be psychosis NOS
SDC   M   F39           F148   Suba must be mood disorder


--- F159 ---

SDC   M   F220          F155   Suba must be paranoia or paranoid
                               psychosis
SDC   M   F28           F155   Suba must be hallucinosis
SDC   M   F29           F155   Suba must be psychosis NOS
SDC   M   F39           F158   Suba must be mood disorder


--- F169 ---

SDC   M   F220          F165   Suba must be paranoia or paranoid
                               psychosis
SDC   M   F28           F165   Suba must be hallucinosis
SDC   M   F29           F165   Suba must be psychosis NOS
SDC   M   F39           F168   Suba must be mood disorder
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--- F179 ---

SDC   M  F220         F175   Suba must be paranoia or paranoid
                             psychosis
SDC   M  F28          F175   Suba must be hallucinosis
SDC   M  F29          F175   Suba must be psychosis NOS
SDC   M  F39          F178   Suba must be mood disorder

--- F189 ---

SDC   M  F220         F185   Suba must be paranoia or paranoid
                             psychosis
SDC   M  F28          F185   Suba must be hallucinosis
SDC   M  F29          F185   Suba must be psychosis NOS
SDC   M  F39          F188   Suba must be mood disorder

--- F199 ---

SMP   M  F100 -F198          Addr must be drug NOS or substance NOS
SDC   M  F220         F195   Suba must be paranoia or paranoid
                             psychosis
SDC   M  F28          F195   Suba must be hallucinosis
SDC   M  F29          F195   Suba must be psychosis NOS
SDC   M  F39          F198   Suba must be mood disorder

--- F220 ---

SMP   M  F105                Suba must be alcoholic paranoia or
                             paranoid psychosis
DSC   M  F109         F105   Addr must be paranoia or paranoid
                             psychosis

--- F28  ---

SMP   M  F105                Suba must be alcoholic hallucinations

--- F29  ---

SMP   M  F105                Suba must be alcoholic psychosis NOS
DSC   M  F109         F105   Addr must be psychosis NOS

--- F39  ---

SMP   M  F108                Suba must be alcoholic mood disorder
DSC   M  F109         F108   Addr must be mood disorder

--- F419 ---

SMP   M  F108                Suba must be alcoholic anxiety

--- F449 ---

SDC   M  F453         F444   Suba must be neurosis larynx
SDC   M  G255         F444   Suba must be chorea NOS
SDC   M  H525         F448   Suba must be accomodation paralysis
SDC   M  H531         F446   Suba must be asthenopia
SDC   M  H538         F446   Suba must be blurred vision
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--- F449  ---
   CONTINUED
SDC   M  J387          F448   Suba must be hyperesthesia larynx
SDC   M  J392          F448   Suba must be hyperesthesia pharynx
SDC   M  R252          F444   Suba must be spasm
SDC   M  R53           F444   Suba must be asthenia
SDC   M  R688          F441   Suba must be fugue


--- F459  ---

SDC   M  R498          F444   Addr must be psychogenic disorder; suba
                              must be change, voice


--- G000 -G008  ---

DSC   M  B572          B574   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3


--- G009  ---

SMP   M  A010                 Suba must be typhoid meningitis
SMP   M  A022                 Suba must be salmonella meningitis
SMP   M  A228                 Suba must be anthrax meningitis
SMP   M  A270 -A279           Suba must be leptospiral meningitis
SMP   M  A321                 Suba must be listerial meningitis
SMP   M  A504                 Suba must be late congenital syphilitic
                              meningitis
SMP   M  A514                 Suba must be secondary syphilitic
                              meningitis
SMP   M  A521                 Suba must be late syphilitic meningitis
SMP   M  A548                 Suba must be gonococcal meningitis
SMP   M  A692                 Suba must be Lyme disease meningitis
DSC   M  B572          B574   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3


--- G030  ---

SMP   M  A809                 Suba must be poliomyelitis-related
                              meningitis
SMP   M  B060                 Suba must be rubella meningitis
SMP   M  B270 -B279           Suba must be mononucleosis meningitis
SMP   M  B428                 Suba must be sporotrichosis meningitis
SMP   M  B451                 Suba must be cryptococcal meningitis
SMP   M  B49                  Suba must be mycotic or fungal
                              meningitis
SMP   M  B560 -B569           Suba must be trypanosomiasis meningitis
DSC   M  B572          B574   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
SMP   M  B574                 Suba must be Chagas disease with
                              meningitis
SMP   M  B832                 Suba must be eosinophilic meningitis
SMP   M  B89                  Suba must be parasitic meningitis NEC
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--- G031 -G032  ---

SMP   M  A010                    Suba must be typhoid meningitis
SMP   M  A022                    Suba must be salmonella meningitis
SMP   M  A228                    Suba must be anthrax meningitis
SMP   M  A270 -A279              Suba must be leptospiral meningitis
SMP   M  A321                    Suba must be listerial meningitis
SMP   M  A504                    Suba must be late congenital syphilitic
                                 meningitis
SMP   M  A514                    Suba must be secondary syphilitic
                                 meningitis
SMP   M  A521                    Suba must be late syphilitic meningitis
SMP   M  A548                    Suba must be gonococcal meningitis
SMP   M  A692                    Suba must be Lyme disease meningitis
SMP   M  A809                    Suba must be poliomyelitis-related
                                 meningitis
SMP   M  B060                    Suba must be rubella meningitis
SMP   M  B270 -B279              Suba must be mononucleosis meningitis
SMP   M  B428                    Suba must be sporotrichosis meningitis
SMP   M  B451                    Suba must be cryptococcal meningitis
SMP   M  B49                     Suba must be mycotic or fungal
                                 meningitis
SMP   M  B560 -B569              Suba must be trypanosomiasis meningitis
DSC   M  B572          B574      Suba must be Chagas disease NOS; addr
                                 must have modifier of in Chagas disease
                                 in VOL3
SMP   M  B574                    Suba must be Chagas disease with
                                 meningitis
SMP   M  B832                    Suba must be eosinophilic meningitis
SMP   M  B89                     Suba must be parasitic meningitis NEC

--- G039  ---

SMP   M  A010                    Suba must be typhoid meningitis
SMP   M  A022                    Suba must be salmonella meningitis
SMP   M  A228                    Suba must be anthrax meningitis
SMP   M  A270 -A279              Suba must be leptospiral meningitis
SMP   M  A321                    Suba must be listerial meningitis
SMP   M  A504                    Suba must be late congenital syphilitic
                                 meningitis
SMP   M  A514                    Suba must be secondary syphilitic
                                 meningitis
SMP   M  A521                    Suba must be late syphilitic meningitis
SMP   M  A548                    Suba must be gonococcal meningitis
SMP   M  A692                    Suba must be Lyme disease meningitis
SMP   M  A809                    Suba must be poliomyelitis-related
                                 meningitis
SMP   M  B060                    Suba must be rubella meningitis
SMP   M  B270 -B279              Suba must be mononucleosis meningitis
SMP   M  B428                    Suba must be sporotrichosis meningitis
SMP   M  B451                    Suba must be cryptococcal meningitis
SMP   M  B49                     Suba must be mycotic or fungal
                                 meningitis
SMP   M  B560 -B569              Suba must be trypanosomiasis meningitis
DSC   M  B572          B574      Suba must be Chagas disease NOS; addr
                                 must have modifier of in Chagas disease
                                 in VOL3
```

```
--- G039 ---
   CONTINUED
SMP   M  B574                    Suba must be Chagas disease with
                                 meningitis
SMP   M  B832                    Suba must be eosinophilic meningitis
SMP   M  B89                     Suba must be parasitic meningitis NEC

--- G041 ---

DSC   M  B572         B574   Suba must be Chagas disease NOS; addr
                                 must have modifier of in Chagas disease
                                 in VOL3

--- G042 ---

SMP   M  A178                    Suba must be tuberculous encephalitis,
                                 myelitis, encephalomyelitis
SMP   M  A321                    Suba must be tuberculous encephalitis,
                                 myelitis, encephalomyelitis
SMP   M  A398                    Suba must be tuberculous encephalitis,
                                 myelitis, encephalomyelitis
SMP   M  A504                    Suba must be tuberculous encephalitis,
                                 myelitis, encephalomyelitis
SMP   M  A521                    Suba must be tuberculous encephalitis,
                                 myelitis, encephalomyelitis
DSC   M  B572         B574   Suba must be Chagas disease NOS; addr
                                 must have modifier of in Chagas disease
                                 in VOL3

--- G048 ---

DSC   M  B572         B574   Suba must be Chagas disease NOS; addr
                                 must have modifier of in Chagas disease
                                 in VOL3

--- G049 ---

SMP   M  A178                    Suba must be tuberculous encephalitis,
                                 myelitis, encephalomyelitis
SMP   M  A321                    Suba must be tuberculous encephalitis,
                                 myelitis, encephalomyelitis
SMP   M  A398                    Suba must be tuberculous encephalitis,
                                 myelitis, encephalomyelitis
SMP   M  A504                    Suba must be tuberculous encephalitis,
                                 myelitis, encephalomyelitis
SMP   M  A521                    Suba must be tuberculous encephalitis,
                                 myelitis, encephalomyelitis
SMP   M  B258                    Suba must be tuberculous encephalitis,
                                 myelitis, encephalomyelitis
SMP   M  B560 -B569          Suba must be trypanosomiasis
                                 encephalitis
DSC   M  B572         B574   Suba must be Chagas disease NOS; addr
                                 must have modifier of in Chagas disease
                                 in VOL3
SMP   M  B574                    Suba must be encephalitis, myelitis,
                                 encephalomyelitis
```

--- G049 ---
  CONTINUED

SMP	M	B602		Suba must be primary amoebic meningoencephalitis
SMP	M	B832		Suba must be eosinophilic meningoencephalitis
SMP	M	M321		Suba must be encephalitis, myelitis, encephalomyelitis

--- G060 ---

DSC	M	A061 -A063	A066	Addr must be an abscess
DSC	M	A069	A066	Addr must be an abscess
SMP	M	A178		Suba must be tuberculous abscess brain
SMP	M	A548		Suba must be gonococcal brain abscess
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B572	B574	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
SMP	M	B650 -B659		Suba must be schistosomiasis abscess/granuloma of brain
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- G061 ---

SMP	M	A178		Suba must be tuberculous spinal cord abscess
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B572	B574	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- G062 ---

SMP	M	A171		Suba must be tuberculoma meninges
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B572	B574	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	R75	B201	Addr must be caused by a bacterial organism

```
--- G062  ---
   CONTINUED
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported

--- G08  -G09   ---

DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
DSC   M  B572         B574   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported

--- G20  -G2000 ---

SMP   M  A521                Suba must be syphilitic parkinsonism

--- G219  ---

SMP   M  A521                Suba must be syphilitic parkinsonism

--- G248 -G250  ---

DSC   M  B572         B574   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3

--- G252 -G253  ---

DSC   M  B572         B574   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3

--- G259  ---

DSC   M  B572         B574   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3

--- G318  ---

DSC   M  E859         E854   Addr must be degeneration spinal (cord)

--- G319  ---

DSC   M  E859         E854   Addr must be degeneration nervous
                             system
```

--- G373 -G374 ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- G400 -G419 ---

DSC	M	B572	B574	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3

--- G441 ---

DSC	M	B572	B574	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3

--- G448 -G473 ---

DSC	M	B572	B574	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3

--- G478 -G479 ---

DSC	M	B572	B574	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3

--- G570 -G588 ---

DSC	M	B572	B574	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3

--- G589 ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Addr must be mononeuritis with causative organism not reported
DSC	M	B24	B220	Addr must be a non-infectious condition
DSC	M	B572	B574	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Addr must be mononeuritis with causative organism not reported

--- G589 ---
  CONTINUED
DSC   M   R75   B220   Addr must be a non-infectious condition

--- G610 ---

DSC   M   B24   B201   Addr must be caused by a bacterial
                              organism
DSC   M   B24   B203   Addr must be caused by a viral organism
DSC   M   B24   B208   Causative organism of addr not reported
DSC   M   B572   B574   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M   R75   B201   Addr must be caused by a bacterial
                              organism
DSC   M   R75   B203   Addr must be caused by a viral organism
DSC   M   R75   B208   Causative organism of addr not reported

--- G618 -G619 ---

DSC   M   B24   B201   Addr must be caused by a bacterial
                              organism
DSC   M   B24   B203   Addr must be caused by a viral organism
DSC   M   B24   B208   Causative organism of addr not reported
DSC   M   B572   B574   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M   R75   B201   Addr must be caused by a bacterial
                              organism
DSC   M   R75   B203   Addr must be caused by a viral organism
DSC   M   R75   B208   Causative organism of addr not reported

--- G628 ---

DSC   M   B24   B201   Addr must be polyradiculitis caused by
                              a bacterial organism
DSC   M   B24   B203   Addr must be polyradiculitis caused by
                              a viral organism
DSC   M   B24   B208   Addr must be polyradiculitis with no
                              causative organism reported
DSC   M   B24   B220   Addr must be a non-infectious condition
DSC   M   B572   B574   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M   R75   B201   Addr must be polyradiculitis caused by
                              a bacterial organism
DSC   M   R75   B203   Addr must be polyradiculitis caused by
                              a viral organism
DSC   M   R75   B208   Addr must be polyradiculitis with no
                              causative organism reported
DSC   M   R75   B220   Addr must be a non-infectious condition

--- G629 ---

DSC   M   B24   B220   Addr must be a non-infectious condition

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                          TABLE F
         REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- G629  ---
  CONTINUED
DSC   M  B572        B574   Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3
DSC   M  M069        M053   Rheumatoid arthritis with
                            polyneuropathy
DSC   M  R75         B220   Addr must be a non-infectious condition

--- G64   ---

DSC   M  B572        B574   Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3

--- G718  ---

DSC   M  E100 -E103  E107   Addr cannot be stated primary
DS    M  E104               Addr cannot be stated primary
DSC   M  E105 -E106  E107   Addr cannot be stated primary
DS    M  E107               Addr cannot be stated primary
DSC   M  E108 -E109  E104   Addr cannot be stated primary
DSC   M  E110 -E113  E117   Addr cannot be stated primary
DS    M  E114               Addr cannot be stated primary
DSC   M  E115 -E116  E117   Addr cannot be stated primary
DS    M  E117               Addr cannot be stated primary
DSC   M  E118 -E119  E114   Addr cannot be stated primary
DSC   M  E120 -E123  E127   Addr cannot be stated primary
DS    M  E124               Addr cannot be stated primary
DSC   M  E125 -E126  E127   Addr cannot be stated primary
DS    M  E127               Addr cannot be stated primary
DSC   M  E128 -E129  E124   Addr cannot be stated primary
DSC   M  E130 -E133  E137   Addr cannot be stated primary
DS    M  E134               Addr cannot be stated primary
DSC   M  E135 -E136  E137   Addr cannot be stated primary
DS    M  E137               Addr cannot be stated primary
DSC   M  E138 -E139  E134   Addr cannot be stated primary
DSC   M  E140 -E143  E147   Addr cannot be stated primary
DS    M  E144               Addr cannot be stated primary
DSC   M  E145 -E146  E147   Addr cannot be stated primary
DS    M  E147               Addr cannot be stated primary
DSC   M  E148 -E149  E144   Addr cannot be stated primary

--- G810 -G839  ---

DSC   M  B572        B574   Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3

--- G910 -G919  ---

SMP   M  A504               Suba must be congenital syphilitic
                            hydrocephalus
DSC   M  B572        B574   Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3
```

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--- G931 -G932  ---

DSC   M  B572         B574    Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3

--- G934 -G936  ---

DSC   M  B572         B574    Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3

--- G938  ---

DSC   M  B24          B220    Addr must not be caused by an external
                              agent
DSC   M  B572         B574    Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  R75          B220    Addr must not be caused by an external
                              agent

--- G939  ---

SMP   M  A010                 Suba must involve the brain
SMP   M  A022                 Suba must involve the brain
SMP   M  A178                 Suba must involve the brain
SMP   M  A228                 Suba must involve the brain
SMP   M  A270 -A279           Suba must involve the brain
SMP   M  A398                 Suba must involve the brain
SMP   M  A428                 Suba must involve the brain
SMP   M  A504                 Suba must involve the brain
SMP   M  A514                 Suba must involve the brain
SMP   M  A521                 Suba must involve the brain
SMP   M  A548                 Suba must involve the brain
SMP   M  A692                 Suba must involve the brain
SMP   M  A800 -A89            Suba must involve the brain
SMP   M  A922                 Suba must involve the brain
SMP   M  B060                 Suba must involve the brain
SMP   M  B258                 Suba must involve the brain
SMP   M  B270 -B279           Suba must involve the brain
SMP   M  B49                  Suba must involve the brain
SMP   M  B560 -B569           Suba must involve the brain
DSC   M  B572         B574    Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
SMP   M  B574                 Suba must involve the brain
SMP   M  B602                 Suba must involve the brain
SMP   M  B650 -B659           Suba must involve the brain
SMP   M  B719                 Suba must involve the brain
SMP   M  B75                  Suba must involve the brain
SMP   M  B832                 Suba must involve the brain
SMP   M  B89                  Suba must involve the brain
SMP   M  C810 -C97            Suba must involve the brain
SMP   M  G08  -G09            Suba must involve the brain
SMP   M  I600 -I698           Suba must involve the brain
SMP   M  J108                 Suba must involve the brain
```

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--- G939  ---
   CONTINUED
SMP   M  J118                 Suba must involve the brain
SMP   M  M321                 Suba must involve the brain

--- G951 -G952  ---

DSC   M  B572          B574   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3

--- G958  ---

DSC   M  B24           B220   Addr must not be caused by an external
                              agent
DSC   M  B572          B574   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  R75           B220   Addr must not be caused by an external
                              agent

--- G959  ---

SMP   M  A178                 Suba must involve the spinal cord
SMP   M  A321                 Suba must involve the spinal cord
SMP   M  A398                 Suba must involve the spinal cord
SMP   M  A504                 Suba must involve the spinal cord
SMP   M  A521                 Suba must involve the spinal cord
SMP   M  A850 -A851           Suba must involve the spinal cord
SMP   M  B004                 Suba must involve the spinal cord
SMP   M  B011                 Suba must involve the spinal cord
SMP   M  B020                 Suba must involve the spinal cord
SMP   M  B050                 Suba must involve the spinal cord
SMP   M  B060                 Suba must involve the spinal cord
SMP   M  B262                 Suba must involve the spinal cord
SMP   M  B560 -B569           Suba must involve the spinal cord
DSC   M  B572          B574   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
SMP   M  B574                 Suba must involve the spinal cord
SMP   M  B582                 Suba must involve the spinal cord
SMP   M  B602                 Suba must involve the spinal cord
SMP   M  B832                 Suba must involve the spinal cord
SMP   M  C793                 Suba must involve the spinal cord
SMP   M  C810 -C97            Suba must involve the spinal cord
SMP   M  E538                 Addr must involve the spinal cord
SMP   M  G370 -G379           Suba must involve the spinal cord
SMP   M  J108                 Suba must involve the spinal cord
SMP   M  J118                 Suba must involve the spinal cord
SMP   M  M321                 Suba must involve the spinal cord
DSC   M  M478 -M479    M471   Term in addr must be myelopathy
SMP   M  M500                 Addr must be myelopathy
DSC   M  M502 -M509    M500   Term in addr must be myelopathy
SMP   M  M510                 Addr must be myelopathy
DSC   M  M512 -M513    M510   Term in addr must be myelopathy
DSC   M  M518 -M519    M510   Term in addr must be myelopathy
```

--- G960 ---

DSC   M B572   B574   Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3

--- G968 -G969 ---

DSC   M B572   B574   Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3

--- G970 -G971 ---

DS   M Y848   Procedure must be spinal or lumbar
                            puncture

--- G98   ---

DSC   M B572   B574   Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3
SMP   M C798   Suba must involve the nervous system
SMP   M C810 -C97   Suba must involve the nervous system

--- H050 -H059 ---

DSC   M B24   B201   Addr must be caused by a bacterial
                            organism and not stated congenital,
                            familial, hereditary, primary, genetic
                            and not due to external cause
DSC   M B24   B203   Addr must be caused by a bacterial
                            organism and not stated congenital,
                            familial, hereditary, primary, genetic
                            and not due to external cause
DSC   M B24   B208   Causative organism of addr is not
                            reported and not stated congenital,
                            familial, hereditary, primary, genetic
                            and not due to external cause
DSC   M B24   B238   Addr must be a non-infectious condition
                            not stated as congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
DSC   M R75   B201   Addr must be caused by a bacterial
                            organism and not stated congenital,
                            familial, hereditary, primary, genetic
                            and not due to external cause
DSC   M R75   B203   Addr must be caused by a bacterial
                            organism and not stated congenital,
                            familial, hereditary, primary, genetic
                            and not due to external cause
DSC   M R75   B208   Causative organism of addr is not
                            reported and not stated congenital,
                            familial, hereditary, primary, genetic
                            and not due to external cause

```
                         TABLE F
       REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- H050 -H059  ---
  CONTINUED
DSC   M  R75         B238   Addr must be a non-infectious condition
                            not stated as congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause

--- H100 -H109  ---

SMP   M  A368               Suba must be conjunctivitis
SMP   M  A398               Suba must be conjunctivitis
SMP   M  A527               Suba must be conjunctivitis
SMP   M  A711               Suba must be conjunctivitis
SMP   M  B601               Suba must be conjunctivitis
SMP   M  B740 -B749         Suba must be conjunctivitis
SMP   M  B89                Suba must be conjunctivitis
SMP   M  L120 -L129         Suba must be conjunctivitis
SMP   M  L710 -L719         Suba must be conjunctivitis

--- H111  ---

DSC   M  E509         E501   Addr must be conjunctive xerosis or
                             Bitots spots

--- H168  ---

DSC   M  E509         E504   Addr must be xerotic keratitis

--- H178  ---

DSC   M  E509         E506   Addr must be xerophthalmic corneal scar

--- H179  ---

LMC   M  E507         H178   Addr must be corneal scar with
                             xerophthalmia in suba

--- H184  ---

DSC   M  E509         E504   Addr must be keratomalacia

--- H188  ---

DSC   M  E509         E502   Addr must be corneal xerosis
LMP   M  H160                Addr must be corneal xerosis

--- H211  ---

LDP   M  H405                Addr must be rubeosis of iris

--- H300 -H302  ---

SMP   M  A300 -A309          Suba must be chorioretinitis,
                             choroiditis, retinitis,
                             retinochoroiditis
```

```
--- H300 -H302  ---
   CONTINUED
SMP   M  A500                  Suba must be chorioretinitis,
                               choroiditis, retinitis,
                               retinochoroiditis
SMP   M  A514                  Suba must be chorioretinitis,
                               choroiditis, retinitis,
                               retinochoroiditis
SMP   M  A521                  Suba must be chorioretinitis,
                               choroiditis, retinitis,
                               retinochoroiditis
SMP   M  A527                  Suba must be chorioretinitis,
                               choroiditis, retinitis,
                               retinochoroiditis
SMP   M  B399                  Suba must be chorioretinitis,
                               choroiditis, retinitis,
                               retinochoroiditis
SMP   M  I708                  Suba must involve the eye
SMP   M  N188                  Suba must involve the eye

--- H309  ---

SMP   M  A300 -A309            Suba must be chorioretinitis,
                               choroiditis, retinitis,
                               retinochoroiditis
SMP   M  A500                  Suba must be chorioretinitis,
                               choroiditis, retinitis,
                               retinochoroiditis
SMP   M  A514                  Suba must be chorioretinitis,
                               choroiditis, retinitis,
                               retinochoroiditis
SMP   M  A521                  Suba must be chorioretinitis,
                               choroiditis, retinitis,
                               retinochoroiditis
SMP   M  A527                  Suba must be chorioretinitis,
                               choroiditis, retinitis,
                               retinochoroiditis
SMP   M  B399                  Suba must be chorioretinitis,
                               choroiditis, retinitis,
                               retinochoroiditis
SMP   M  I708                  Suba must involve the eye
SMP   M  N188                  Suba must involve the eye

--- H440 -H449  ---

DSC   M  B24       B201   Addr must be caused by a bacterial
                          organism and not stated congenital,
                          familial, hereditary, primary, genetic
                          and not due to external cause
DSC   M  B24       B203   Addr must be caused by a bacterial
                          organism and not stated congenital,
                          familial, hereditary, primary, genetic
                          and not due to external cause
DSC   M  B24       B208   Causative organism of addr is not
                          reported and not stated congenital,
                          familial, hereditary, primary, genetic
                          and not due to external cause
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--- H440 -H449 ---
  CONTINUED

DSC	M	B24	B238	Addr must be a non-infectious condition not stated as congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	R75	B201	Addr must be caused by a bacterial organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	R75	B203	Addr must be caused by a bacterial organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	R75	B208	Causative organism of addr is not reported and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	R75	B238	Addr must be a non-infectious condition not stated as congenital, familial, hereditary, primary, genetic and not due to external cause

--- H579 ---

SMP	M	A300 -A309	Suba must be chorioretinitis, choroiditis, retinitis, retinochoroiditis
SMP	M	A368	Suba must be conjunctivitis
SMP	M	A398	Suba must be conjunctivitis
SMP	M	A500	Suba must be chorioretinitis, choroiditis, retinitis, retinochoroiditis
SMP	M	A514	Suba must be chorioretinitis, choroiditis, retinitis, retinochoroiditis
SMP	M	A521	Suba must be chorioretinitis, choroiditis, retinitis, retinochoroiditis
SMP	M	A527	Suba must be conjunctivitis
SMP	M	A711	Suba must be conjunctivitis
SMP	M	B399	Suba must be chorioretinitis, choroiditis, retinitis, retinochoroiditis
SMP	M	B601	Suba must be conjunctivitis
SMP	M	B740 -B749	Suba must be conjunctivitis
SMP	M	B89	Suba must be conjunctivitis
SMP	M	C794	Suba must involve the eye
SMP	M	C80 -C97	Suba must be ear
SMP	M	D487	Suba must involve the eye
SMP	M	I708	Suba must involve the eye
SMP	M	L120 -L129	Suba must be conjunctivitis
SMP	M	L710 -L719	Suba must be conjunctivitis
SMP	M	N188	Suba must involve the eye

--- H590 ---

DSC	M	B24	B203	Suba must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	R75	B203	Suba must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DS	M	Y883		Surgery must be cataract surgery or surgery NOS

--- H598 -H599 ---

DSC	M	B24	B203	Suba must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	R75	B203	Suba must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause

--- H650 -H664 ---

DSC	M	B24	B203	Suba must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	R75	B203	Suba must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause

--- H669 ---

DSC	M	B24	B203	Suba must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	J1010	J108	Otitis media NOS or acute otitis media
DSC	M	J1110	J118	Otitis media NOS or acute otitis media
DSC	M	R75	B203	Suba must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause

--- H680 -H749 ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause

--- H680 -H749 ---
  CONTINUED

DSC	M	B24	B203	Addr must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	B24	B208	Causative organism of addr is not reported and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	B24	B238	Addr must be a non-infectious condition not stated as congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	R75	B201	Addr must be caused by a bacterial organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	R75	B203	Addr must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	R75	B208	Causative organism of addr is not reported and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	R75	B238	Addr must be a non-infectious condition not stated as congenital, familial, hereditary, primary, genetic and not due to external cause

--- H810 -H819 ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	B24	B203	Addr must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	B24	B208	Causative organism of addr is not reported and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	B24	B238	Addr must be a non-infectious condition not stated as congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	R75	B201	Addr must be caused by a bacterial organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
DSC	M	R75	B203	Addr must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause

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                          TABLE F
         REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- H810 -H819 ---
  CONTINUED
DSC   M  R75        B208    Causative organism of addr is not
                            reported and not stated congenital,
                            familial, hereditary, primary, genetic
                            and not due to external cause
DSC   M  R75        B238    Addr must be a non-infectious condition
                            not stated as congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause


--- H830  ---

DSC   M  B24        B203    Suba must be caused by a viral organism
                            and not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
DSC   M  R75        B203    Suba must be caused by a viral organism
                            and not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause


--- H831 -H832  ---

DSC   M  B24        B201    Addr must be caused by a bacterial
                            organism and not stated congenital,
                            familial, hereditary, primary, genetic
                            and not due to external cause
DSC   M  B24        B203    Addr must be caused by a viral organism
                            and not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
DSC   M  B24        B208    Causative organism of addr is not
                            reported and not stated congenital,
                            familial, hereditary, primary, genetic
                            and not due to external cause
DSC   M  B24        B238    Addr must be a non-infectious condition
                            not stated as congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
DSC   M  R75        B201    Addr must be caused by a bacterial
                            organism and not stated congenital,
                            familial, hereditary, primary, genetic
                            and not due to external cause
DSC   M  R75        B203    Addr must be caused by a viral organism
                            and not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
DSC   M  R75        B208    Causative organism of addr is not
                            reported and not stated congenital,
                            familial, hereditary, primary, genetic
                            and not due to external cause
DSC   M  R75        B238    Addr must be a non-infectious condition
                            not stated as congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
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                              TABLE F
         REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

    ---  H939   ---

    SMP    M   C490                       Suba must be ear
    SMP    M   C783                       Suba must be ear
    SMP    M   C798  -C97                  Suba must be ear
    SMP    M   D032                       Suba must be ear
    SMP    M   D140                       Suba must be ear
    SMP    M   D210                       Suba must be ear
    SMP    M   D385                       Suba must be ear
    SMP    M   D481                       Suba must be ear
    SMP    M   D485                       Suba must be ear

    ---  H950   ---

    DSC    M   B24          B203   Suba must be caused by a viral organism
                                   and not stated congenital, familial,
                                   hereditary, primary, genetic and not
                                   due to external cause
    DSC    M   R75          B203   Suba must be caused by a viral organism
                                   and not stated congenital, familial,
                                   hereditary, primary, genetic and not
                                   due to external cause
    DS     M   Y836                Surgery must be a mastoidectomy or
                                   surgery NOS
    DS     M   Y883                Surgery must be a mastoidectomy or
                                   surgery NOS

    ---  H951   ---

    DSC    M   B24          B201   Addr must be caused by a bacterial
                                   organism and not stated congenital,
                                   familial, hereditary, primary, genetic
                                   and not due to external cause
    DSC    M   B24          B203   Addr must be caused by a viral organism
                                   and not stated congenital, familial,
                                   hereditary, primary, genetic and not
                                   due to external cause
    DSC    M   B24          B208   Causative organism of addr is not
                                   reported and not stated congenital,
                                   familial, hereditary, primary, genetic
                                   and not due to external cause
    DSC    M   B24          B238   Addr must be a non-infectious condition
                                   not stated as congenital, familial,
                                   hereditary, primary, genetic and not
                                   due to external cause
    DSC    M   R75          B201   Addr must be caused by a bacterial
                                   organism and not stated congenital,
                                   familial, hereditary, primary, genetic
                                   and not due to external cause
    DSC    M   R75          B203   Addr must be caused by a viral organism
                                   and not stated congenital, familial,
                                   hereditary, primary, genetic and not
                                   due to external cause
    DSC    M   R75          B208   Causative organism of addr is not
                                   reported and not stated congenital,
                                   familial, hereditary, primary, genetic
                                   and not due to external cause
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--- H951  ---
   CONTINUED
DSC   M  R75          B238  Addr must be a non-infectious condition
                            not stated as congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
DS    M  Y836               Surgery must be a mastoidectomy or
                            surgery NOS
DS    M  Y883               Surgery must be a mastoidectomy or
                            surgery NOS

--- H958 -H959  ---

DSC   M  B24          B203  Suba must be caused by a viral organism
                            and not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause
DSC   M  R75          B203  Suba must be caused by a viral organism
                            and not stated congenital, familial,
                            hereditary, primary, genetic and not
                            due to external cause

--- I050  ---

LMP   M  I088               Suba must be disease of pulmonary valve
LMC   M  I098         I088  Suba must be disease of pulmonary valve

--- I051  ---

LMP   M  I088               Suba must be disease of pulmonary valve
DSC   M  I098         I088  Suba must be disease of pulmonary valve
LMC   M  I098         I098  Suba must be disease of pulmonary valve

--- I052 -I079  ---

LMP   M  I088               Suba must be disease of pulmonary valve
LMC   M  I098         I088  Suba must be disease of pulmonary valve

--- I080 -I083  ---

DSC   M  I098         I088  Suba must be disease of pulmonary valve

--- I090  ---

SMP   M  I050 -I089         Suba must be qualified as rheumatic

--- I092  ---

SMP   M  I050 -I080         Suba must be qualified as rheumatic

--- I098  ---

SMP   M  I050 -I080         Suba must be qualified as rheumatic
LMC   M  I050 -I083   I088  Addr must be disease of pulmonary valve
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--- I099 ---

SMP   M  I090 -I098           Suba must not be a pulmonary valve
                              disorder

--- I10  ---

LDC   M  I050          I342   Suba must not be qualified as rheumatic
LDC   M  I052          I342   Suba must not be qualified as rheumatic
LDC   M  I058          I348   Suba must not be qualified as rheumatic
LDC   M  I059          I349   Suba must not be qualified as rheumatic
LDC   M  I070          I360   Suba must not be qualified as rheumatic
LDC   M  I071          I361   Suba must not be qualified as rheumatic
LDC   M  I072          I362   Suba must not be qualified as rheumatic
LDC   M  I078          I368   Suba must not be qualified as rheumatic
LDC   M  I079          I369   Suba must not be qualified as rheumatic
LDC   M  I089          I38    Suba must not be qualified as rheumatic
LDC   M  I509          I110   Suba must be heart failure
LDC   M  I509          I132   Suba must be cardiorenal failure only

--- I260 ---

DS    M  C457                 Suba must be mesothelioma of a site in
                              C340-C349

--- I269 ---

DS    M  A010                 Suba must be typhoid of heart valve(s);
                              addr must be embolism or emboli of a
                              specified site
DS    M  A188                 Suba must be tuberculosis of heart
                              valve(s)
DS    M  A328                 Suba must be listeriosis of heart
                              valve(s)
DS    M  A395                 Suba must be meningococcus of heart
                              valve(s)
DS    M  A520                 Suba must be syphilis of heart valve(s)
DS    M  A548                 Suba must be gonococcus of heart
                              valve(s)
DS    M  A78                  Suba must be coxiella burnetic and/or Q
                              fever of heart valves
DS    M  B332                 Suba must be coxsackievirus of heart
                              valves
DS    M  B376                 Suba must be Candida/Monilial of heart
                              valves
DS    M  B570                 Suba must be heart valve condition(s)
                              in Chagas disease
DS    M  B572                 Suba must be heart valve condition(s)
                              in Chagas disease
DS    M  B908                 Suba must be late effects of
                              tuberculosis of heart valve
DS    M  B948                 Suba must be late effects of certain
                              specified infections of heart valves
DS    M  D735                 Suba must be thrombosis spleen
DS    M  G08                  Suba must be thrombosis of sites
                              classified to suba
LMP   M  I260                 Suba must be acute cor pulmonale NOS
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--- I269 ---
  CONTINUED

DS	M	I423 -I424		Suba must be heart valve conditions
DS	M	I788		Suba must be capillary thrombosis
DS	M	I831		Suba must be varicose phlebitis
DS	M	K550		Suba must be thrombosis
DS	M	M321		Suba must be verrucous, lenta or Libman-Sacks endocarditis
DS	M	N501		Suba must be thrombosis of male genital organs
DS	M	N719		Suba must be phlebitis uterus
DS	M	N948		Suba must be thrombosis of female genital organs

--- I301 ---

SMP	M	A188		Suba must be tuberculous pericarditis
SMP	M	A395		Suba must be meningococcal pericarditis
SMP	M	A520		Suba must be syphilitic pericarditis
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
SMP	M	B332		Suba must be coxsackie pericarditis
SMP	M	B570		Suba must be pericarditis in Chagas disease
SMP	M	B572		Suba must be pericarditis in Chagas disease
SMP	M	B908		Suba must be late effects of tuberculous pericarditis
SMP	M	B948		Suba must be late effects of an infectious pericarditis classifiable to Chapter 01
SMP	M	M321		Suba must be pericarditis in systemic lupus erythematosus
SMP	M	N188		Suba must be uremic pericarditis
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- I308 ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- I309 ---

SMP	M	A188		Suba must be tuberculous pericarditis
SMP	M	A395		Suba must be meningococcal pericarditis
SMP	M	A520		Suba must be syphilitic pericarditis

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--- I309  ---
   CONTINUED
DSC   M  B24        B201   Addr must be caused by a bacterial
                           organism
DSC   M  B24        B203   Addr must be caused by a viral organism
DSC   M  B24        B208   Causative organism of addr not reported
SMP   M  B332              Suba must be coxsackie pericarditis
SMP   M  B570              Suba must be pericarditis in Chagas
                           disease
SMP   M  B572              Suba must be pericarditis in Chagas
                           disease
SMP   M  B908              Suba must be late effects of
                           tuberculous pericarditis
SMP   M  B948              Suba must be late effects of an
                           infectious pericarditis classifiable to
                           Chapter 01
SMP   M  M321              Suba must be pericarditis in systemic
                           lupus erythematosus
SMP   M  N188              Suba must be uremic pericarditis
DSC   M  R75        B201   Addr must be caused by a bacterial
                           organism
DSC   M  R75        B203   Addr must be caused by a viral organism
DSC   M  R75        B208   Causative organism of addr not reported

--- I310 -I311  ---

DSC   M  B24        B201   Addr must be an infectious condition
                           caused by a bacterial organism
DSC   M  B24        B203   Addr must be an infectious condition
                           caused by a viral organism
DSC   M  B24        B208   Causative organism of addr not reported
DSC   M  R75        B201   Addr must be an infectious condition
                           caused by a bacterial organism
DSC   M  R75        B203   Addr must be an infectious condition
                           caused by a viral organism
DSC   M  R75        B208   Causative organism of addr not reported

--- I312 -I318  ---

DSC   M  B24        B238   Addr must be a non-infectious condition
DSC   M  R75        B238   Addr must be a non-infectious condition

--- I319  ---

SMP   M  A188              Addr must be pericarditis (chronic)
                           NOS; suba must be tuberculous
                           pericarditis
SMP   M  A395              Addr must be pericarditis (chronic)
                           NOS; suba must be meningococcal
                           pericarditis
SMP   M  A520              Addr must be pericarditis (chronic)
                           NOS; suba must be syphilitic
                           pericarditis
DSC   M  B24        B201   Addr must be an infectious condition
                           caused by a bacterial organism
DSC   M  B24        B203   Addr must be an infectious condition
                           caused by a viral organism
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--- I319 ---
    CONTINUED

DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B24	B238	Addr must be a non-infectious condition
SMP	M	B332		Addr must be pericarditis (chronic) NOS; suba must be coxsackie pericarditis
SMP	M	B570		Addr must be pericarditis (chronic) NOS; suba must be pericarditis in Chagas disease
SMP	M	B572		Addr must be pericarditis (chronic) NOS; suba must be pericarditis in Chagas disease
SMP	M	B908		Suba must be late effects of tuberculous pericarditis
SMP	M	B948		Suba must be late effects of an infectious pericarditis classifiable to Chapter 01
DSC	M	M069	M053	Rheumatoid arthritis with pericarditis
SMP	M	M321		Addr must be pericarditis (chronic) NOS; suba must be pericarditis in systemic lupus erythematosus
SMP	M	N188		Addr must be pericarditis (chronic) NOS; suba must be uremic pericarditis
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported
DSC	M	R75	B238	Addr must be a non-infectious condition
DS	M	S200 -S299		Addr should be cardiac tamponade

--- I330 ---

SMP	M	A010		Suba must be typhoid endocarditis; addr must be endocarditis
SMP	M	A395		Suba must be meningococcal endocarditis; addr must be endocarditis
SMP	M	A520		Suba must be syphilitic endocarditis
SMP	M	A548		Suba must be gonococcal endocarditis; addr must be endocarditis
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
SMP	M	B332		Suba must be coxsackie endocarditis; addr must be endocarditis
SMP	M	B376		Suba must be Monilial endocarditis; addr must be endocarditis
SMP	M	B570		Suba must be endocarditis in Chagas disease; addr must be endocarditis
SMP	M	B572		Suba must be endocarditis in Chagas disease; addr must be endocarditis
SMP	M	B948		Suba must be late effects of an infectious endocarditis classifiable to Chapter 01

--- I330 ---
   CONTINUED

SMP	M	M321		Suba must be endocarditis in systemic lupus erythematosus; addr must be endocarditis
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- I339 ---

SMP	M	A010		Suba must be typhoid endocarditis
SMP	M	A395		Suba must be meningococcal endocarditis
SMP	M	A548		Suba must be gonococcal endocarditis
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
SMP	M	B332		Suba must be coxsackie endocarditis
SMP	M	B376		Suba must be Monilial endocarditis
SMP	M	B570		Suba must be endocarditis in Chagas disease
SMP	M	B572		Suba must be endocarditis in Chagas disease
SMP	M	B948		Suba must be an infectious endocaditis classifiable to Chapter 01
SMP	M	M321		Suba must be systemic lupus erythematosus endocarditis
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- I340 ---

SMP	M	A010		Addr qualified as typhoid
SMP	M	A188		Conditions classified to addr qualified as tuberculous
SMP	M	A395		Addr qualified as meningococcal
SMP	M	A520		Addr qualified as syphilitic
SMP	M	A548		Addr qualified as gonococcal
DSC	M	B24	B201	Addr must be endocarditis and caused by a bacterial organism
DSC	M	B24	B203	Addr must be endocarditis and caused by a viral organism
DSC	M	B24	B208	Addr must be endocarditis with causative organism not reported
DSC	M	B24	B238	Addr cannot be endocarditis
SMP	M	B376		Addr qualified as Candidal
SMP	M	B570		Addr in Chagas disease
SMP	M	B572		Addr in Chagas disease
SMP	M	B908		Suba must be late effects of tuberculosis of heart valve
SMP	M	B948		Suba must be late effects of an infectious condition classifiable to Chapter 01 and involving mitral valve

--- I340 ---
   CONTINUED

SMP	M	M321		Addr qualified as systemic lupus erythematosus
DSC	M	R75	B201	Addr must be endocarditis and caused by a bacterial organism
DSC	M	R75	B203	Addr must be endocarditis and caused by a viral organism
DSC	M	R75	B208	Addr must be endocarditis with causative organism not reported
DSC	M	R75	B238	Addr cannot be endocarditis

--- I341 -I349 ---

SMP	M	A010		Addr qualified as typhoid
SMP	M	A188		Conditions classified to addr qualified as tuberculous
SMP	M	A395		Addr qualified as meningococcal
SMP	M	A520		Addr qualified as syphilitic
SMP	M	A548		Addr qualified as gonococcal
DSC	M	B24	B201	Addr must be endocarditis and caused by a bacterial organism
DSC	M	B24	B203	Addr must be endocarditis and caused by a viral organism
DSC	M	B24	B208	Addr must be endocarditis with causative organism not reported
DSC	M	B24	B238	Addr cannot be endocarditis
SMP	M	B376		Addr qualified as Candidal
SMP	M	B570		Addr in Chagas disease
SMP	M	B572		Addr in Chagas disease
SMP	M	B908		Suba must be tuberculosis involving mitral valve
SMP	M	B948		Suba must be late effects of an infectious condition classifiable to Chapter 01 and involving mitral valve
SMP	M	M321		Addr qualified as systemic lupus erythematosus
DSC	M	R75	B201	Addr must be endocarditis and caused by a bacterial organism
DSC	M	R75	B203	Addr must be endocarditis and caused by a viral organism
DSC	M	R75	B208	Addr must be endocarditis with causative organism not reported
DSC	M	R75	B238	Addr cannot be endocarditis

--- I350 ---

SMP	M	A010		Addr qualified as typhoid
SMP	M	A188		Conditions classified to addr qualified as tuberculous
SMP	M	A395		Addr qualified as meningococcal
SMP	M	A520		Addr qualified as syphilitic
SMP	M	A548		Addr qualified as gonococcal
DSC	M	B24	B201	Addr must be endocarditis and caused by a bacterial organism
DSC	M	B24	B203	Addr must be endocarditis and caused by a viral organism

--- I350 ---
  CONTINUED

DSC	M	B24	B208	Addr must be endocarditis with causative organism not reported
DSC	M	B24	B238	Addr cannot be endocarditis
SMP	M	B376		Addr qualified as Candidal
SMP	M	B570		Addr in Chagas disease
SMP	M	B572		Addr in Chagas disease
SMP	M	B908		Suba must be tuberculosis involving aortic valve
SMP	M	B948		Suba must be late effects of an infectious condition classifiable to Chapter 01 and involving aortic valve
SMP	M	M321		Addr qualified as systemic lupus erythematosus
DSC	M	R75	B201	Addr must be endocarditis and caused by a bacterial organism
DSC	M	R75	B203	Addr must be endocarditis and caused by a viral organism
DSC	M	R75	B208	Addr must be endocarditis with causative organism not reported
DSC	M	R75	B238	Addr cannot be endocarditis

--- I351 ---

SMP	M	A010		Addr qualified as typhoid
SMP	M	A188		Conditions classified to addr qualified as tuberculous
SMP	M	A395		Addr qualified as meningococcal
SMP	M	A520		Addr qualified as syphilitic
SMP	M	A548		Addr qualified as gonococcal
DSC	M	B24	B201	Addr must be endocarditis and caused by a bacterial organism
DSC	M	B24	B203	Addr must be endocarditis and caused by a viral organism
DSC	M	B24	B208	Addr must be endocarditis with causative organism not reported
DSC	M	B24	B238	Addr cannot be endocarditis
SMP	M	B376		Addr qualified as Candidal
SMP	M	B570		Addr qualified as Chagas
SMP	M	B572		Addr qualified as Chagas
SMP	M	B908		Suba must be tuberculosis involving aortic valve
SMP	M	B948		Suba must be late effects of an infectious condition classifiable to Chapter 01 and involving aortic valve
SMP	M	M321		Addr qualified as systemic lupus erythematosus
DSC	M	R75	B201	Addr must be endocarditis and caused by a bacterial organism
DSC	M	R75	B203	Addr must be endocarditis and caused by a viral organism
DSC	M	R75	B208	Addr must be endocarditis with causative organism not reported
DSC	M	R75	B238	Addr cannot be endocarditis

--- I352 -I359 ---

SMP	M	A010		Addr qualified as typhoid
SMP	M	A188		Conditions classified to addr qualified as tuberculous
SMP	M	A395		Addr qualified as meningococcal
SMP	M	A520		Addr qualified as syphilitic
SMP	M	A548		Addr qualified as gonococcal
DSC	M	B24	B201	Addr must be endocarditis and caused by a bacterial organism
DSC	M	B24	B203	Addr must be endocarditis and caused by a viral organism
DSC	M	B24	B208	Addr must be endocarditis with causative organism not reported
DSC	M	B24	B238	Addr cannot be endocarditis
SMP	M	B376		Addr qualified as Candidal
SMP	M	B570		Addr in Chagas disease
SMP	M	B572		Addr in Chagas disease
SMP	M	B908		Suba must be tuberculosis involving aortic valve
SMP	M	B948		Suba must be late effects of an infectious condition classifiable to Chapter 01 and involving aortic valve
SMP	M	M321		Addr qualified as systemic lupus erythematosus
DSC	M	R75	B201	Addr must be endocarditis and caused by a bacterial organism
DSC	M	R75	B203	Addr must be endocarditis and caused by a viral organism
DSC	M	R75	B208	Addr must be endocarditis with causative organism not reported
DSC	M	R75	B238	Addr cannot be endocarditis

--- I360 -I369 ---

SMP	M	A010		Addr qualified as typhoid
SMP	M	A188		Conditions classified to addr qualified as tuberculous
SMP	M	A395		Addr qualified as meningococcal
SMP	M	A520		Addr qualified as syphilitic
SMP	M	A548		Addr qualified as gonococcal
DSC	M	B24	B201	Addr must be endocarditis and caused by a bacterial organism
DSC	M	B24	B203	Addr must be endocarditis and caused by a viral organism
DSC	M	B24	B208	Addr must be endocarditis with causative organism not reported
DSC	M	B24	B238	Addr cannot be endocarditis
SMP	M	B376		Addr qualified as Candidal
SMP	M	B570		Addr in Chagas disease
SMP	M	B572		Addr in Chagas disease
SMP	M	B908		Suba must be tuberculosis involving tricuspid valve
SMP	M	B948		Suba must be late effects of an infectious condition classifiable to Chapter 01 and involving tricuspid valve

--- I360 -I369 ---
  CONTINUED

SMP	M	M321		Addr qualified as systemic lupus erythematosus
DSC	M	R75	B201	Addr must be endocarditis and caused by a bacterial organism
DSC	M	R75	B203	Addr must be endocarditis and caused by a viral organism
DSC	M	R75	B208	Addr must be endocarditis with causative organism not reported
DSC	M	R75	B238	Addr cannot be endocarditis

--- I370 -I379 ---

SMP	M	A010		Addr qualified as typhoid
SMP	M	A188		Conditions classified to addr qualified as tuberculous
SMP	M	A395		Addr qualified as meningococcal
SMP	M	A520		Addr qualified as syphilitic
SMP	M	A548		Addr qualified as gonococcal
DSC	M	B24	B201	Addr must be endocarditis and caused by a bacterial organism
DSC	M	B24	B203	Addr must be endocarditis and caused by a viral organism
DSC	M	B24	B208	Addr must be endocarditis with causative organism not reported
DSC	M	B24	B238	Addr cannot be endocarditis
SMP	M	B376		Addr qualified as Candidal
SMP	M	B570		Addr in Chagas disease
SMP	M	B572		Addr in Chagas disease
SMP	M	B908		Suba must be tuberculosis involving pulmonary valve
SMP	M	B948		Suba must be late effects of an infectious condition classifiable to Chapter 01 and involving pulmonary valve
SMP	M	M321		Addr qualified as systemic lupus erythematosus
DSC	M	R75	B201	Addr must be endocarditis and caused by a bacterial organism
DSC	M	R75	B203	Addr must be endocarditis and caused by a viral organism
DSC	M	R75	B208	Addr must be endocarditis with causative organism not reported
DSC	M	R75	B238	Addr cannot be endocarditis

--- I38   ---

SMP	M	A010		Addr qualified as typhoid
SMP	M	A188		Conditions classified to addr qualified as tuberculous
SMP	M	A395		Addr qualified as meningococcal
SMP	M	A520		Addr qualified as syphilitic
SMP	M	A548		Addr qualified as gonococcal
DSC	M	B24	B201	Addr must be endocarditis and caused by a bacterial organism

```
--- I38   ---
   CONTINUED
DSC  M  B24         B203   Addr must be endocarditis and caused by
                           a viral organism
DSC  M  B24         B208   Addr must be endocarditis with
                           causative organism not reported
DSC  M  B24         B238   Addr cannot be endocarditis
SMP  M  B376               Addr qualified as Candidal
SMP  M  B570               Addr in Chagas disease
SMP  M  B572               Addr in Chagas disease
SMP  M  B908               Suba must be tuberculosis of heart
                           valve(s)
SMP  M  B948               Suba must be late effects of an
                           infectious condition classifiable to
                           Chapter 01 and involving a heart valve
SMP  M  I330 -I339         Addr must be endocarditis NOS not
                           valvular heart disease
SMP  M  M321               Addr qualified as systemic lupus
                           erythematosus
DSC  M  R75         B201   Addr must be endocarditis and caused by
                           a bacterial organism
DSC  M  R75         B203   Addr must be endocarditis and caused by
                           a viral organism
DSC  M  R75         B208   Addr must be endocarditis with
                           causative organism not reported
DSC  M  R75         B238   Addr cannot be endocarditis

--- I400 -I408  ---

SMP  M  A010               Suba must be typhoid myocarditis
SMP  M  A188               Suba must be tuberculous myocarditis
SMP  M  A368               Suba must be diphtheria myocarditis
SMP  M  A38                Suba must be scarlet fever myocarditis
SMP  M  A395               Suba must be meningococcal myocarditis
SMP  M  A520               Suba must be syphilitic myocarditis
SMP  M  A750               Suba must be epidemic louse borne
                           typhus myocarditis
SMP  M  A759               Suba must be typhus myocarditis
DSC  M  B24         B201   Addr must be caused by a bacterial
                           organism
DSC  M  B24         B203   Addr must be caused by a viral organism
DSC  M  B24         B208   Causative organism of addr not reported
SMP  M  B332               Suba must be coxsackie myocarditis
SMP  M  B570               Suba must be acute Chagas myocarditis
SMP  M  B572               Suba must be chronic Chagas myocarditis
SMP  M  B588               Suba must be toxoplasmosis myocarditis
SMP  M  B908               Suba must be tuberculous myocarditis
SMP  M  B948               Suba must be late effects of an
                           infectious myocarditis classifiable to
                           Chapter 01
SMP  M  J108               Suba must be influenzal myocarditis,
                           virus identified
SMP  M  J118               Suba must be influenzal myocarditis,
                           virus not identified
DSC  M  R75         B201   Addr must be caused by a bacterial
                           organism
DSC  M  R75         B203   Addr must be caused by a viral organism
```

--- I400 -I408 ---
  CONTINUED

| DSC | M | R75 | B208 | Causative organism of addr not reported |

--- I409 ---

SMP	M	A010		Suba must be typhoid myocarditis
SMP	M	A188		Suba must be tuberculous myocarditis
SMP	M	A368		Suba must be diphtheria myocarditis
SMP	M	A38		Suba must be scarlet fever myocarditis
SMP	M	A520		Suba must be syphilitic myocarditis
SMP	M	A750		Suba must be epidemic louse borne typhus myocarditis
SMP	M	A759		Suba must be typhus myocarditis
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
SMP	M	B332		Suba must be coxsackie myocarditis
SMP	M	B570		Suba must be acute Chagas myocarditis
SMP	M	B572		Suba must be chronic Chagas myocarditis
SMP	M	B588		Suba must be toxoplasmosis myocarditis
SMP	M	B908		Suba must be tuberculous myocarditis
SMP	M	B948		Suba must be late effects of an infectious myocarditis classifiable to Chapter 01
SMP	M	J108		Suba must be influenzal myocarditis, virus identified
SMP	M	J118		Suba must be influenzal myocarditis, virus not identified
SMP	M	M321		Suba must be systemic lupus erythematosus acute myocarditis
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- I429 ---

DS	M	A188		Addr must be secondary cardiomyopathy; suba must be tuberculous heart conditions
DS	M	B332		Addr must be secondary cardiomyopathy
DS	M	B570		Addr must be secondary cardiomyopathy
DS	M	D868		Addr must be secondary cardiomyopathy; suba must be sarcoidosis heart conditions
DS	M	E059		Addr must be secondary cardiomyopathy; suba must be thyrotoxic heart conditions
DS	M	E511		Addr must be secondary cardiomyopathy; suba must be beriberi heart conditions
DS	M	E639		Addr must be secondary cardiomyopathy; suba must be nutritional heart conditions

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--- I429 ---

DS    M   E740                Addr must be secondary cardiomyopathy;
                              suba must be glycogen storage heart
                              conditions
--- I429 ---
   CONTINUED
DS    M   E854                Addr must be secondary cardiomyopathy;
                              suba must be amyloid heart conditions
DS    M   M321                Addr must be secondary cardiomyopathy;
                              suba must be systemic lupus
                              erythematosus heart conditions
DS    M   N188                Addr must be secondary cardiomyopathy;
                              suba must be uremic pericarditis
DS    M   Q200 -Q249          Addr must be secondary cardiomyopathy

--- I514 ---

SMP   M   A010                Suba must be typhoid myocarditis
SMP   M   A188                Suba must be tuberculous myocarditis
SMP   M   A368                Suba must be diphtheria myocarditis
SMP   M   A38                 Suba must be scarlet fever myocarditis
SMP   M   A520                Suba must be syphilitic myocarditis
SMP   M   A750                Suba must be typhus myocarditis
SMP   M   A759                Suba must be typhus myocarditis
DSC   M   B24         B208    Addr must be myocarditis
SMP   M   B332                Suba must be coxsackie myocarditis
SMP   M   B570                Suba must be myocarditis in Chagas
                              disease
SMP   M   B588                Suba must be toxoplasmosis myocarditis
SMP   M   B908                Suba must be late effects of
                              tuberculous myocarditis
SMP   M   B948                Suba must be late effects of an
                              infectious myocarditis classifiable to
                              Chapter 01
SMP   M   I400 -I409          Addr must be myocarditis
DSC   M   J1010       J108    Myocarditis NOS
SMP   M   J108                Suba must be influenzal myocarditis
DSC   M   J1110       J118    Myocarditis NOS
SMP   M   J118                Suba must be influenzal myocarditis
DSC   M   M069        M053    Rheumatoid arthritis with myocarditis
SMP   M   M321                Suba must be systemic lupus myocarditis
DSC   M   R75         B208    Addr must be myocarditis

--- I518 ---

DSC   M   B24         B201    Addr must be carditis, pancarditis due
                              to a bacterial organism
DSC   M   B24         B208    Addr must be carditis, pancarditis with
                              causative organism not reported
DSC   M   R75         B201    Addr must be carditis, pancarditis due
                              to a bacterial organism
DSC   M   R75         B208    Addr must be carditis, pancarditis with
                              causative organism not reported

--- I519 ---
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--- I519 ---

SMP	M	A010		Suba must be typhoid heart conditions
SMP	M	A188		Suba must be tuberculous heart conditions
SMP	M	A368		Suba must be diphtheria heart conditions

--- I519 ---
  CONTINUED

SMP	M	A38		Suba must be scarlet fever heart conditions
SMP	M	A395		Suba must be meningococcal heart conditions
SMP	M	A520		Suba must be syphilitic heart conditions
SMP	M	A548		Suba must be gonococcal heart conditions
SMP	M	A750		Suba must be typhus fever heart conditions
SMP	M	A759		Suba must be typhus fever heart conditions
SMP	M	B588		Suba must be toxoplasmosis heart conditions
SMP	M	B908		Suba must be late effects of tuberculous heart conditions
SMP	M	B948		Suba must be late effects of an infectious heart condition classifiable to Chapter 01
SMP	M	D868		Suba must be sarcoidosis heart conditions
SMP	M	E059		Suba must be thyrotoxic heart conditions
SMP	M	E511		Suba must be beriberi heart conditions
SMP	M	E639		Suba must be nutritional heart conditions
SMP	M	E740		Suba must be glycogen storage heart conditions
SMP	M	E854		Suba must be amyloid heart conditions
SMP	M	J108		Suba must be influenzal heart conditions
SMP	M	J118		Suba must be influenzal heart conditions
SMP	M	M321		Suba must be systemic lupus heart conditions
SMP	M	N188		Suba must be uremic pericarditis

--- I600 ---

DSC	M	B24	B238	Addr cannot be qualified as arteriosclerotic or hypertensive
DS	M	C794		Suba must be cerebral/spinal meninges
DSC	M	I671	I6060	Suba must be aneurysm circle of Willis
DSC	M	I671	I6070	Suba must be berry aneurysm
DSC	M	I671	I6080	Suba must be aneurysm of brain meninges and/or cavernous sinus
DSC	M	I671	I6090	Suba must be brain aneurysm

--- I600 ---

DSC   M I770   I6080 Suba must be acquired arteriovenous
                              aneurysm
DSC   M R75   B238   Addr cannot be qualified as
                              arteriosclerotic or hypertensive

```
--- I601 -I606  ---


DSC   M  B24         B238  Addr cannot be qualified as
                           arteriosclerotic or hypertensive
DS    M  C794              Suba must be cerebral/spinal meninges
DSC   M  I671        I6060 Suba must be aneurysm circle of Willis
DSC   M  I671        I6070 Suba must be berry aneurysm
DSC   M  I671        I6080 Suba must be aneurysm of brain meninges
                           and/or cavernous sinus
DSC   M  I671        I6090 Suba must be brain aneurysm
DSC   M  I770        I6080 Suba must be acquired arteriovenous
                           aneurysm
DSC   M  R75         B238  Addr cannot be qualified as
                           arteriosclerotic or hypertensive


--- I607  ---


DSC   M  B24         B238  Addr cannot be qualified as
                           arteriosclerotic or hypertensive
DS    M  C794              Suba must be cerebral/spinal meninges
DSC   M  I671        I6060 Suba must be aneurysm circle of Willis
DSC   M  I671        I6070 Suba must be berry aneurysm
DSC   M  I671        I6080 Suba must be aneurysm of brain meninges
                           and/or cavernous sinus
DSC   M  I671        I6090 Suba must be brain aneurysm
DSC   M  I770        I6080 Suba must be acquired arteriovenous
                           aneurysm
DSC   M  R75         B238  Addr cannot be qualified as
                           arteriosclerotic or hypertensive


--- I608  ---


DSC   M  B24         B238  Addr cannot be qualified as
                           arteriosclerotic or hypertensive
DS    M  C794              Suba must be cerebral/spinal meninges
DSC   M  I671        I6060 Suba must be aneurysm circle of Willis
DSC   M  I671        I6070 Suba must be berry aneurysm
DSC   M  I671        I6080 Suba must be aneurysm of brain meninges
                           and/or cavernous sinus
DSC   M  I671        I6090 Suba must be brain aneurysm
DSC   M  I770        I6080 Suba must be acquired arteriovenous
                           aneurysm
DSC   M  R75         B238  Addr cannot be qualified as
                           arteriosclerotic or hypertensive


--- I609  ---


DSC   M  B24         B238  Addr cannot be qualified as
                           arteriosclerotic or hypertensive
DS    M  C794              Suba must be cerebral/spinal meninges
DSC   M  I671        I6060 Suba must be aneurysm circle of Willis
DSC   M  I671        I6070 Suba must be berry aneurysm
DSC   M  I671        I6080 Suba must be aneurysm of brain meninges
                           and/or cavernous sinus
DSC   M  I671        I6090 Suba must be brain aneurysm
DSC   M  I770        I6080 Suba must be acquired arteriovenous
                           aneurysm
```

--- I609 ---
  CONTINUED

| DSC | M | R75 | | B238 | Addr cannot be qualified as arteriosclerotic or hypertensive |

--- I610 -I620 ---

DSC	M	B24		B238	Addr cannot be qualified as arteriosclerotic or hypertensive
DS	M	C794			Suba must be cerebral/spinal meninges
DSC	M	I671		I6060	Suba must be aneurysm circle of Willis
DSC	M	I671		I6070	Suba must be berry aneurysm
DSC	M	I671		I6080	Suba must be aneurysm of brain meninges and/or cavernous sinus
DSC	M	I671		I6090	Suba must be brain aneurysm
DSC	M	I770		I6080	Suba must be acquired arteriovenous aneurysm
DSC	M	R75		B238	Addr cannot be qualified as arteriosclerotic or hypertensive

--- I621 ---

DSC	M	B24		B238	Addr cannot be qualified as arteriosclerotic or hypertensive
DS	M	C794			Suba must be cerebral/spinal meninges
DSC	M	I671		I6060	Suba must be aneurysm circle of Willis
DSC	M	I671		I6070	Suba must be berry aneurysm
DSC	M	I671		I6080	Suba must be aneurysm of brain meninges and/or cavernous sinus
DSC	M	I671		I6090	Suba must be brain aneursym
DSC	M	I770		I6080	Suba must be acquired arteriovenous aneurysm
DSC	M	R75		B238	Addr cannot be qualified as arteriosclerotic or hypertensive

--- I629 ---

DSC	M	B24		B238	Addr cannot be qualified as arteriosclerotic or hypertensive
DS	M	C794			Suba must be cerebral/spinal meninges
DSC	M	I671		I6060	Suba must be aneurysm circle of Willis
DSC	M	I671		I6070	Suba must be berry aneurysm
DSC	M	I671		I6080	Suba must be aneurysm of brain meninges and/or cavernous sinus
DSC	M	I671		I6090	Suba must be brain aneurysm
DSC	M	I770		I6080	Suba must be acquired arteriovenous aneurysm
DSC	M	R75		B238	Addr cannot be qualified as arteriosclerotic or hypertensive

--- I630 ---

| DSC | M | B24 | | B238 | Addr cannot be qualified as arteriosclerotic or hypertensive |
| DSC | M | R75 | | B238 | Addr cannot be qualified as arteriosclerotic or hypertensive |

--- I631 ---

```
DS    M  A010                  Suba must be typhoid of heart valve(s)
DS    M  A328                  Suba must be listeriosis of heart
                               valve(s)
DS    M  A395                  Suba must be meningococcus of heart
                               valve(s)
DS    M  A520                  Suba must be syphilis of heart valve(s)
DS    M  A548                  Suba must be gonococcus of heart
                               valve(s)
DS    M  A78                   Suba must be coxiella burnetic and/or Q
                               fever of heart valves
DSC   M  B24         B238      Addr cannot be qualified as
                               arteriosclerotic or hypertensive
DS    M  B332                  Suba must be coxsackievirus of heart
                               valves
DS    M  B376                  Suba must be Candida/Monilial of heart
                               valves
DS    M  B570                  Suba must be heart valve condition(s)
                               in Chagas disease
DS    M  B572                  Suba must be heart valve condition(s)
                               in Chagas disease
DS    M  B908                  Suba must be late effects of
                               tuberculosis of heart valve
DS    M  B948                  Suba must be late effects of an
                               infectious condition involving a heart
                               valve
DS    M  D735                  Suba must be thrombosis spleen
DS    M  G08                   Suba must be thrombosis of sites
                               classified to suba
DS    M  G951                  Suba must be nonpyogenic thrombosis of
                               intracranial sinuses and veins
DS    M  H348                  Suba must be thrombosis
DS    M  H350                  Suba must be phlebitis of eye
DS    M  I269                  Suba must be thrombosis
DS    M  I423 -I424            Suba must be heart valve conditions
DS    M  I788                  Suba must be capillary thrombosis
DS    M  I831                  Suba must be varicose phlebitis
DS    M  M321                  Suba must be verrucous, lenta or
                               Libman-Sacks endocarditis
DS    M  N719                  Suba must be phlebitis uterus
DS    M  N948                  Suba must be thrombosis of female
                               genital organs
DSC   M  R75         B238      Addr cannot be qualified as
                               arteriosclerotic or hypertensive
```

--- I632 -I633 ---

```
DSC   M  B24         B238      Addr cannot be qualified as
                               arteriosclerotic or hypertensive
DSC   M  R75         B238      Addr cannot be qualified as
                               arteriosclerotic or hypertensive
```

--- I634 ---

```
DS    M  A010                  Suba must be typhoid of heart valve(s)
```

```
--- I634  ---
   CONTINUED
DS    M  A328                Suba must be listeriosis of heart
                             valve(s)
DS    M  A395                Suba must be meningococcus of heart
                             valve(s)
DS    M  A520                Suba must be syphilis of heart valve(s)
DS    M  A548                Suba must be gonococcus of heart
                             valve(s)
DS    M  A78                 Suba must be coxiella burnetic and/or Q
                             fever of heart valves
DSC   M  B24       B238      Addr cannot be qualified as
                             arteriosclerotic or hypertensive
DS    M  B332                Suba must be coxsackievirus of heart
                             valves
DS    M  B376                Suba must be Candida/Monilial of heart
                             valves
DS    M  B570                Suba must be heart valve condition(s)
                             in Chagas disease
DS    M  B572                Suba must be heart valve condition(s)
                             in Chagas disease
DS    M  B908                Suba must be late effects of
                             tuberculosis of heart valve
DS    M  B948                Suba must be late effects of an
                             infectious condition involving a heart
                             valve
DS    M  D735                Suba must be thrombosis spleen
DS    M  G08                 Suba must be thrombosis of sites
                             classified to suba
DS    M  G951                Suba must be nonpyogenic thrombosis of
                             intracranial sinuses and veins
DS    M  H348                Suba must be thrombosis
DS    M  H350                Suba must be phlebitis of eye
DS    M  I269                Suba must be thrombosis
DS    M  I423 -I424          Suba must be heart valve conditions
DS    M  I788                Suba must be capillary thrombosis
DS    M  I831                Suba must be varicose phlebitis
DS    M  M321                Suba must be verrucous, lenta or
                             Libman-Sacks endocarditis
DS    M  N719                Suba must be phlebitis uterus
DS    M  N948                Suba must be thrombosis of female
                             genital organs
DSC   M  R75       B238      Addr cannot be qualified as
                             arteriosclerotic or hypertensive

--- I635 -I64   ---

DSC   M  B24       B238      Addr cannot be qualified as
                             arteriosclerotic or hypertensive
DSC   M  R75       B238      Addr cannot be qualified as
                             arteriosclerotic or hypertensive

--- I676  ---

DSC   M  B24       B238      Addr cannot be qualified as
                             arteriosclerotic or hypertensive
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```
--- I676  ---
  CONTINUED
DSC   M  R75          B238   Addr cannot be qualified as
                             arteriosclerotic or hypertensive
DS    M  S010                Addr must be phlebitis and/or
                             thrombophlebitis of sites classifiable
                             to addr qualified as nonpyogenic
DS    M  S017 -S019          Addr must be phlebitis and/or
                             thrombophlebitis of sites classifiable
                             to addr qualified as nonpyogenic
DS    M  S060 -S099          Addr must be phlebitis and/or
                             thrombophlebitis of sites classifiable
                             to addr qualified as nonpyogenic
DS    M  T360 -T659          Addr must be phlebitis and/or
                             thrombophlebitis of sites classifiable
                             to addr qualified as nonpyogenic


--- I678  ---

DSC   M  B24          B238   Addr cannot be qualified as
                             arteriosclerotic or hypertensive
DSC   M  R75          B238   Addr cannot be qualified as
                             arteriosclerotic or hypertensive
DS    M  S010                Addr must be hyperemia and/or
                             congestion brain
DS    M  S017 -S019          Addr must be hyperemia and/or
                             congestion brain
DS    M  S060 -S099          Addr must be hyperemia and/or
                             congestion brain
DS    M  T360 -T659          Addr must be hyperemia and/or
                             congestion brain
DS    M  T71                 Addr cannot be qualified as
                             arteriosclerotic or hypertensive


--- I679 -I698  ---

DSC   M  B24          B238   Addr cannot be qualified as
                             arteriosclerotic or hypertensive
DSC   M  R75          B238   Addr cannot be qualified as
                             arteriosclerotic or hypertensive


--- I700 -I709  ---

SDC   M  G319         I672   Suba must be indexed with a qualifier
                             of arteriosclerotic
LDC   M  I050         I342   Suba must not be qualified as rheumatic
LDC   M  I051         I340   Suba must not be qualified as rheumatic
LDC   M  I052         I342   Suba must not be qualified as rheumatic
LDC   M  I058 -I059   I348   Suba must not be qualified as rheumatic
LDC   M  I060         I350   Suba must not be qualified as rheumatic
LDC   M  I061         I351   Suba must not be qualified as rheumatic
LDC   M  I062         I352   Suba must not be qualified as rheumatic
LDC   M  I068 -I069   I358   Suba must not be qualified as rheumatic
LDC   M  I070         I360   Suba must not be qualified as rheumatic
LDC   M  I071         I361   Suba must not be qualified as rheumatic
LDC   M  I072         I362   Suba must not be qualified as rheumatic
LDC   M  I078 -I079   I368   Suba must not be qualified as rheumatic
```

```
--- I700 -I709  ---
   CONTINUED
LDC   M  I089         I38   Suba must not be qualified as rheumatic
SDC   M  I678 -I679   I672  Suba must be indexed with a qualifier
                            of arteriosclerotic


--- I711 -I719  ---

SMP   M  A520               Suba must be syphilitic aortic aneurysm
SMP   M  B948               Suba must be late effects of syphilitic
                            aortic aneurysm


--- I729  ---

SMP   M  A162               Suba must be Rasmussens aneurysm NEC
SMP   M  A505               Suba must be congenital syphilitic
                            aneurysm
SMP   M  A520               Suba must be syphilitic aneurysm NOS or
                            of specified sites
SMP   M  B908               Suba must be late effects of Rasmussens
                            aneurysm NEC
SMP   M  B948               Suba must be late effects of one of the
                            following: congenital syphilitic
                            aneurysm, syphilitic aneurysm NOS or of
                            specified sites
SMP   M  E143               Suba must be diabetic retina aneurysm
SMP   M  H114               Suba must be conjunctiva aneurysm
SMP   M  H350               Suba must be retina aneurysm
SMP   M  I078               Suba must be tricuspid aneurysm
SMP   M  I219               Suba must be ruptured coronary aneurysm
SMP   M  I254               Suba must be aneurysm not fistula
SMP   M  I258               Suba must be coronary vein aneurysm
SMP   M  I280               Suba must be pulmonary arteriovenous
                            aneurysm
SMP   M  I348               Suba must be mitral valve aneurysm
SMP   M  I358               Suba must be aortic valve aneurysm
SMP   M  I378               Suba must be pulmonary valve aneurysm
SMP   M  I38                Suba must be valvular aneurysm
SMP   M  I671               Suba must be aneurysm not fistula
SMP   M  I770               Suba must be aneurysm not fistula
SMP   M  I868               Suba must be venous aneurysm NOS and/or
                            specified sites
SMP   M  Q141               Suba must be congenital aneurysm of
                            retina
SMP   M  Q245               Suba must be congenital aneurysm of
                            coronary artery
SMP   M  Q257               Suba must be congenital aneurysm
                            pulmonary artery and/or arteriovenous
                            aneurysm of pulmonary artery
SMP   M  Q273               Suba must be arteriovenous aneurysm
                            specified site NEC
SMP   M  Q280               Suba must be arteriovenous aneurysm
                            precerebral vessels
SMP   M  Q281               Suba must be congenital precerebral
                            aneurysm
```

--- I730 ---

DS	M	C880	Addr must be secondary Raynauds phenomenon
DS	M	I700 -I709	Addr must be secondary Raynauds phenomenon
DS	M	M300 -M328	Addr must be secondary Raynauds phenomenon
DS	M	M330 -M359	Addr must be secondary Raynauds phenomenon

--- I740 ---

| DS | M | I48 | Addr must be an embolism |

--- I741 ---

| DS | M | I48 | Addr must be an embolism |
| SMP | M | I740 | Addr must be an unspecified part of the aorta |

--- I742 -I743 ---

| DS | M | I48 | Addr must be an embolism |

--- I744 ---

DS	M	A010	Suba must be typhoid of heart valve(s); addr must be embolism or emboli of a specified site
DS	M	A188	Suba must be tuberculosis of heart valve(s)
DS	M	A328	Suba must be listeriosis of heart valve(s)
DS	M	A395	Suba must be meningococcus of heart valve(s)
DS	M	A520	Suba must be syphilis of heart valve(s)
DS	M	A548	Suba must be gonococcus of heart valve(s)
DS	M	A78	Suba must be coxiella burnetic and/or Q fever of heart valves
DS	M	B332	Suba must be coxsackievirus of heart valves
DS	M	B376	Suba must be Candida/Monilial of heart valves
DS	M	B570	Suba must be heart valve condition(s) in Chagas disease
DS	M	B572	Suba must be heart valve condition(s) in Chagas disease
DS	M	B908	Suba must be late effects of tuberculosis of heart valve
DS	M	B948	Suba must be late effects of an infectious condition involving a heart valve
DS	M	D735	Suba must be thrombosis spleen
DS	M	G08	Suba must be thrombosis of sites classified to suba

--- I744 ---
  CONTINUED

DS	M	G951	Suba must be nonpyogenic thrombosis of intracranial sinuses and veins
DS	M	H348	Suba must be thrombosis
DS	M	H350	Suba must be phlebitis of eye
DS	M	I269	Suba must be thrombosis
DS	M	I423 -I424	Suba must be heart valve conditions
DS	M	I48	Addr must be an embolism
DS	M	I788	Suba must be capillary thrombosis
DS	M	I831	Suba must be varicose phlebitis
DS	M	K550	Suba must be thrombosis
DS	M	M321	Suba must be verrucous, lenta or Libman-Sacks endocarditis
DS	M	N501	Suba must be thrombosis of male genital organs
DS	M	N719	Suba must be phlebitis uterus
DS	M	N948	Suba must be thrombosis of female genital organs

--- I745 ---

DS	M	I48	Addr must be an embolism

--- I748 ---

DS	M	A010	Suba must be typhoid of heart valve(s); addr must be embolism or emboli of a specified site
DS	M	A188	Suba must be tuberculosis of heart valve(s)
DS	M	A328	Suba must be listeriosis of heart valve(s)
DS	M	A395	Suba must be meningococcus of heart valve(s)
DS	M	A520	Suba must be syphilis of heart valve(s)
DS	M	A548	Suba must be gonococcus of heart valve(s)
DS	M	A78	Suba must be coxiella burnetic and/or Q fever of heart valves
DS	M	B332	Suba must be coxsackievirus of heart valves
DS	M	B376	Suba must be Candida/Monilial of heart valves
DS	M	B570	Suba must be heart valve condition(s) in Chagas disease
DS	M	B572	Suba must be heart valve condition(s) in Chagas disease
DS	M	B908	Suba must be late effects of tuberculosis of heart valve
DS	M	B948	Suba must be late effects of an infectious condition involving a heart valve
DS	M	D735	Suba must be thrombosis spleen
DS	M	G08	Suba must be thrombosis of sites classified to suba

--- I748 ---
   CONTINUED

DS	M	G951		Suba must be nonpyogenic thrombosis of intracranial sinuses and veins
DS	M	H348		Suba must be thrombosis
DS	M	H350		Suba must be phlebitis of eye
DS	M	I269		Suba must be thrombosis
DS	M	I423	-I424	Suba must be heart valve conditions
DS	M	I48		Addr must be an embolism
DS	M	I788		Suba must be capillary thrombosis
DS	M	I831		Suba must be varicose phlebitis
DS	M	K550		Suba must be thrombosis
DS	M	M321		Suba must be verrucous, lenta or Libman-Sacks endocarditis
DS	M	N501		Suba must be thrombosis of male genital organs
DS	M	N719		Suba must be phlebitis uterus
DS	M	N948		Suba must be thrombosis of female genital organs

--- I749 ---

DS	M	A010	Suba must be typhoid of heart valve(s)
DS	M	A188	Suba must be tuberculosis of heart valve(s)
DS	M	A328	Suba must be listeriosis of heart valve(s)
DS	M	A395	Suba must be meningococcus of heart valve(s)
DS	M	A520	Suba must be syphilis of heart valve(s)
DS	M	A548	Suba must be gonococcus of heart valve(s)
DS	M	A78	Suba must be coxiella burnetic and/or Q fever of heart valves
DS	M	B332	Suba must be coxsackievirus of heart valves
DS	M	B376	Suba must be Candida/Monilial of heart valves
DS	M	B570	Suba must be heart valve condition(s) in Chagas disease
DS	M	B572	Suba must be heart valve condition(s) in Chagas disease
DS	M	B908	Suba must be late effects of tuberculosis of heart valve
DS	M	B948	Suba must be late effects of an infectious condition involving a heart valve
DS	M	D735	Suba must be thrombosis spleen
SMP	M	G061	Suba must be embolism spinal cord
DS	M	G08	Suba must be thrombosis of sites classified to suba
DS	M	G951	Suba must be nonpyogenic thrombosis of intracranial sinuses and veins
SMP	M	H342	Suba must be embolism retina and/or eye
DS	M	H348	Suba must be thrombosis
DS	M	H350	Suba must be phlebitis of eye
SMP	M	I269	Suba must be pulmonary embolism

TABLE F
REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

```
--- I749  ---
  CONTINUED
DS    M  I423 -I424        Suba must be heart valve conditions
DS    M  I48               Addr must be an embolism
DS    M  I788              Suba must be capillary thrombosis
DS    M  I831              Suba must be varicose phlebitis
SMP   M  K5500             Suba must be an embolism
DS    M  M321              Suba must be verrucous, lenta or
                           Libman-Sacks endocarditis
SMP   M  N280              Suba must be renal embolism
DS    M  N501              Suba must be thrombosis of male genital
                           organs
DS    M  N719              Suba must be phlebitis uterus
DS    M  N948              Suba must be thrombosis of female
                           genital organs


--- I771  ---

DS    M  C000 -C959        Addr must be compression artery

--- I776  ---

SMP   M  A505              Suba must be congenital syphilitic
                           aortitis and/or arteritis
SMP   M  A520              Suba must be syphilitic
                           aortitis/arteritis
SMP   M  B948              Suba must be one of the following:late
                           effects of congenital syphilitic
                           aortitis/arteritis, late effects of
                           syphilitic aortitis
SMP   M  I258              Suba must be coronary arteritis
DSC   M  M069      M052    Rheumatoid arthritis with vasculitis
SMP   M  M313 -M316        Suba must be specified types of
                           aortitis and/or arteritis

--- I779  ---

SMP   M  A520              Suba must involve arteries
SMP   M  B948              Suba must be late effects of syphilis
                           involving arteries
SMP   M  I210 -I289        Suba must involve arteries
SMP   M  I514 -I5150       Suba must involve arteries
SMP   M  I600 -I629        Suba must involve arteries
SMP   M  I64               Suba must involve arteries
SMP   M  I671              Suba must involve arteries
SMP   M  I673 -I676        Suba must involve arteries
SMP   M  I678 -I698        Addr must involve arteries

--- I800 -I803  ---

DSC   M  B24       B201    Addr must be caused by a bacterial
                           organism
DSC   M  B24       B203    Addr must be caused by a viral organism
DSC   M  B24       B208    Causative organism of addr not reported
DSC   M  R75       B201    Addr must be caused by a bacterial
                           organism
DSC   M  R75       B203    Addr must be caused by a viral organism
```

--- I800 -I803 ---
  CONTINUED

DSC	M	R75	B208	Causative organism of addr not reported
DS	M	T339		Only leg
DS	M	T349		Only leg
DS	M	T940		Only injuries involving lower limbs
DS	M	T959		Only lower limb

--- I808 ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- I809 ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
SMP	M	G951		Suba must be nonpyogenic intraspinal phlebitis
SMP	M	I676		Suba must be nonpyogenic intracranial phlebitis
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- I821 ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- I828 ---

DSC	M	I842	I840	Addr must be thrombosis rectum
DSC	M	I845	I843	Addr must be thrombosis rectum
DSC	M	I849	I847	Addr must be thrombosis rectum

--- I829 ---

SMP	M	D735		Suba must be thrombosis spleen
SMP	M	G08		Suba must be thrombosis of sites classified to suba
SMP	M	G951		Suba must be nonpyogenic thrombosis

```
--- I829 ---
   CONTINUED
SMP   M  I078              Suba must be tricuspid thrombosis
SMP   M  I210 -I229        Suba must be thrombosis
SMP   M  I269              Suba must be thrombosis
SMP   M  I348              Suba must be mitral thrombosis
SMP   M  I358              Suba must be aortic thrombosis
SMP   M  K550              Suba must be thrombosis

--- I830 ---

LMC   M  L080 -L089   I832  Suba must be dermatitis

--- I831 ---

LMC   M  L984         I832  Suba must be ulcer skin

--- I839 ---

SMP   M  I850 -I868         Addr must be varix of unspecified site
LMC   M  L080 -L089   I831  Suba must be dermatitis
LMC   M  L984         I830  Suba must be ulcer skin

--- I842 ---

LMC   M  I828         I840  Addr must be thrombosis rectum
LMC   M  K623         I841  Suba must be prolapse rectum
LMC   M  K625         I841  Suba must be hemorrhage rectum
LMC   M  K626         I841  Suba must be ulcer rectum

--- I845 ---

LMC   M  I828         I843  Addr must be thrombosis rectum
LMC   M  K623         I844  Suba must be prolapse rectum
LMC   M  K625         I844  Suba must be hemorrhage rectum
LMC   M  K626         I844  Suba must be ulcer rectum

--- I849 ---

LMC   M  I828         I847  Addr must be thrombosis rectum
LMC   M  K623         I848  Suba must be prolapse rectum
LMC   M  K625         I848  Suba must be hemorrhage rectum
LMC   M  K626         I848  Suba must be ulcer rectum

--- I850 ---

DS    M  K721              Suba must be yellow atrophy of liver

--- I859 ---

LMC   M  K228         I850  Suba must be hemorrhage esophagus
DS    M  K721              Suba must be yellow atrophy of liver

--- I868 ---

DS    M  B150 -B199        Addr must be UGI varices only
```

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                              TABLE F
          REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- I880 -I889  ---

DSC   M  B24           B201   Addr must be caused by a bacterial
                              organism
DSC   M  B24           B203   Addr must be caused by a viral organism
DSC   M  B24           B208   Causative organism of addr not reported
DSC   M  R75           B201   Addr must be caused by a bacterial
                              organism
DSC   M  R75           B203   Addr must be caused by a viral organism
DSC   M  R75           B208   Causative organism of addr not reported

--- I890  ---

DS    M  A182                 Addr must be secondary lymphedema
DS    M  A184                 Addr must be secondary lymphedema
DS    M  A281                 Addr must be secondary lymphedema
DS    M  A400 -A409           Addr must be secondary lymphedema
DS    M  A500 -A539           Addr must be secondary lymphedema
DS    M  B350 -B49            Addr must be secondary lymphedema
DS    M  B72                  Addr must be secondary lymphedema
DS    M  B740 -B749           Addr must be secondary lymphedema
DS    M  B908                 Addr must be secondary lymphedema; suba
                              must be late effects of tuberculosis
                              classifiable to A182, A184
DS    M  B948                 Addr must be secondary lymphedema; suba
                              must be late effects of infectious
                              conditions
DS    M  C000 -D489           Addr must be secondary lymphedema
DS    M  I800 -I809           Addr must be secondary lymphedema
DS    M  I830 -I839           Addr must be secondary lymphedema
DS    M  I891 -I898           Addr must be secondary lymphedema
DS    M  L020 -L039           Addr must be secondary lymphedema
DS    M  L89                  Addr must be secondary lymphedema
DS    M  L97                  Addr must be secondary lymphedema
DS    M  L984                 Addr must be secondary lymphedema
DS    M  T66                  Addr must be secondary lymphedema
DS    M  W88  -W91            Addr must be secondary lymphedema
DS    M  Y400 -Y599           Addr must be secondary lymphedema
DS    M  Y632 -Y633           Addr must be secondary lymphedema
DS    M  Y836                 Addr must be secondary lymphedema
DS    M  Y842                 Addr must be secondary lymphedema

--- I970  ---

DS    M  Y883                 Surgery must be a cardiotomy or surgery
                              NOS

--- I971  ---

DS    M  Y883                 Must be cardiac surgery or surgery NOS

--- I972  ---

DS    M  Y836 -Y839           Surgery must be a mastectomy or surgery
                              NOS
DS    M  Y883                 Surgery must be a mastectomy or surgery
                              NOS
```

--- I99   ---

DSC	M	E100 -E104	E107	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
DSC	M	E106	E107	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
DSC	M	E108 -E109	E105	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
DSC	M	E110 -E114	E117	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
DSC	M	E116	E117	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
DSC	M	E118 -E119	E115	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
DSC	M	E120 -E124	E127	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
DSC	M	E126	E127	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
DSC	M	E128 -E129	E125	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
DSC	M	E130 -E134	E137	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
DSC	M	E136	E137	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
DSC	M	E138 -E139	E135	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
DSC	M	E140 -E144	E147	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
DSC	M	E146	E147	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy
DSC	M	E148 -E149	E145	Suba must be angiopathy, vascular (occlusive) disease, vasculopathy

--- J00   ---

SMP	M	J311		Addr must be nasopharyngitis only

--- J010 -J019   ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- J028   ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism

--- J028 ---
  CONTINUED
DSC	M	R75		B208	Causative organism of addr not reported

--- J029 ---

SMP	M	A168			Use tuberculous pharyngitis only
SMP	M	A360			Use diphtheria pharyngitis only
SMP	M	A500			Use congenital syphilitic pharyngitis only
SMP	M	A691			Use fusospirochetal pharyngitis only
SMP	M	B002			Use herpesviral pharyngitis only
SMP	M	B085			Use aphthous or coxsackievirus or enteroviral vesicular or vesicular, enteroviral pharyngitis only
DSC	M	B24		B201	Addr must be caused by a bacterial organism
DSC	M	B24		B203	Addr must be caused by a viral organism
DSC	M	B24		B208	Causative organism of addr not reported
DSC	M	R75		B201	Addr must be caused by a bacterial organism
DSC	M	R75		B203	Addr must be caused by a viral organism
DSC	M	R75		B208	Causative organism of addr not reported

--- J038 ---

DSC	M	B24		B201	Addr must be caused by a bacterial organism
DSC	M	B24		B203	Addr must be caused by a viral organism
DSC	M	B24		B208	Causative organism of addr not reported
DSC	M	R75		B201	Addr must be caused by a bacterial organism
DSC	M	R75		B203	Addr must be caused by a viral organism
DSC	M	R75		B208	Causative organism of addr not reported

--- J039 ---

SMP	M	A168			Tuberculous tonsillitis only
SMP	M	A360			Diphtheria tonsillitis only
SMP	M	A691			Vincents tonsillitis only
DSC	M	B24		B201	Addr must be caused by a bacterial organism
DSC	M	B24		B203	Addr must be caused by a viral organism
DSC	M	B24		B208	Causative organism of addr not reported
DSC	M	R75		B201	Addr must be caused by a bacterial organism
DSC	M	R75		B203	Addr must be caused by a viral organism
DSC	M	R75		B208	Causative organism of addr not reported

--- J040 ---

SMP	M	A164			Laryngitis (acute) with tuberculous laryngitis
SMP	M	A362			Laryngitis (acute) with diphtheria laryngitis
SMP	M	A505			Laryngitis (acute) with congenital syphilitic laryngitis

```
--- J040 ---
   CONTINUED
SMP   M  A527                   Laryngitis (acute) with syphilitic
                                laryngitis
SMP   M  A691                   Laryngitis (acute) with Vincents
                                laryngitis
DSC   M  B24          B201      Addr must be caused by a bacterial
                                organism
DSC   M  B24          B203      Addr must be caused by a viral organism
DSC   M  B24          B208      Causative organism of addr not reported
SMP   M  J370                   Use laryngitis NOS with specified types
                                of laryngitis
DSC   M  R75          B201      Addr must be caused by a bacterial
                                organism
DSC   M  R75          B203      Addr must be caused by a viral organism
DSC   M  R75          B208      Causative organism of addr not reported

--- J041 ---

LMP   M  A164                   Tuberculous bronchitis only
SMP   M  A368                   Tracheitis (acute) with diphtheria
                                tracheitis
SMP   M  A527                   Tracheitis (acute) with syphilitic
                                tracheitis
DSC   M  B24          B201      Addr must be caused by a bacterial
                                organism
DSC   M  B24          B203      Addr must be caused by a viral organism
DSC   M  B24          B208      Causative organism of addr not reported
LMC   M  J370         J371      Use tracheitis NOS only
DSC   M  R75          B201      Addr must be caused by a bacterial
                                organism
DSC   M  R75          B203      Addr must be caused by a viral organism
DSC   M  R75          B208      Causative organism of addr not reported

--- J042 ---

SMP   M  A164                   Tuberculous laryngotracheitis only
SMP   M  A527                   Syphilitic laryngotracheitis only
SMP   M  A691                   Vincents laryngotracheitis only
DSC   M  B24          B201      Addr must be caused by a bacterial
                                organism
DSC   M  B24          B203      Addr must be caused by a viral organism
DSC   M  B24          B208      Causative organism of addr not reported
DSC   M  R75          B201      Addr must be caused by a bacterial
                                organism
DSC   M  R75          B203      Addr must be caused by a viral organism
DSC   M  R75          B208      Causative organism of addr not reported

--- J050 ---

DSC   M  B24          B201      Addr must be caused by a bacterial
                                organism
DSC   M  B24          B203      Addr must be caused by a viral organism
DSC   M  B24          B208      Causative organism of addr not reported
SMP   M  J200 -J209             Bronchial croup only
SMP   M  J385                   Spasmodic croup only
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                        TABLE F
        REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- J050  ---
  CONTINUED
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported

--- J051  ---

DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported

--- J068  ---

SMP   M  B002                Pharyngotonsillitis with herpes viral
                             pharyngotonsillitis
SMP   M  J42                 Pharyngotracheitis with chronic
                             pharyngotracheitis

--- J1010 ---

LMC   M  H669         J108   Otitis media NOS or acute otitis media
LMC   M  I514         J108   Myocarditis NOS

--- J1110 ---

LMC   M  H669         J118   Otitis media NOS or acute otitis media
LMC   M  I514         J118   Myocarditis NOS

--- J120 -J158  ---

DSC   M  M300         M301   Suba must be described as severe,
                             advanced, grave or with similar
                             expression or it is evident patients
                             mobility was substantially impaired
                             (mention of wheelchair, statement such
                             as reduced mobility, bedridden or
                             similar)
DS    M  M302 -M319          Suba must be described as severe,
                             advanced, grave or with similar
                             expression or it is evident patients
                             mobility was substantially impaired
                             (mention of wheelchair, statement such
                             as reduced mobility, bedridden or
                             similar)

--- J159  ---

SMP   M  A022                Salmonella pneumonia only
SMP   M  A162                Tuberculous pneumonia only
SMP   M  A221                Anthrax pneumonia only
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--- J159 ---
  CONTINUED
SMP   M  A500              Syphilitic pneumonia only
SMP   M  A548              Gonococcal pneumonia only
SMP   M  J160 -J168        Suba must be caused by a bacterial
                           organism
DSC   M  M300        M301  Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  M302 -M319        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)


--- J160 -J168  ---

DSC   M  M300        M301  Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  M302 -M319        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)


--- J180 ---

SMP   M  B99               Postinfectional pneumonia (broncho)
                           (lobar) only
DS    M  E000 -E038        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  E850 -E858        Must be lung involvement
DS    M  G10  -G121        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
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                            TABLE F
        REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- J180  ---
   CONTINUED
DS    M  G128 -G129        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  G210 -G308        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  G310 -G319        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  G360 -G379        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  G400 -G409        Must mention epileptic attack/seizure
DS    M  G410 -G419        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  G521              Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  G600 -G819        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
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--- J180 ---
  CONTINUED

DS	M	G830 -G931	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G934	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G937 -G939	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G960 -G98	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	I00	Use with rheumatic pneumonia (broncho) (lobar) only
DS	M	I010 -I029	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	I501 -I509	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	I515 -I516	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)

--- J180 ---
  CONTINUED

DS	M	I519	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	J010 -J019	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	J930 -J949	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	K500 -K519	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	K750 -K761	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	K763 -K769	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	K860 -K869	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)

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--- J180 ---
  CONTINUED
DS    M  L400 -L409            Suba must be described as severe,
                               advanced, grave or with similar
                               expression or it is evident patients
                               mobility was substantially impaired
                               (mention of wheelchair, statement such
                               as reduced mobility, bedridden or
                               similar)
DS    M  M020 -M029            Suba must be described as severe,
                               advanced, grave or with similar
                               expression or it is evident patients
                               mobility was substantially impaired
                               (mention of wheelchair, statement such
                               as reduced mobility, bedridden or
                               similar)
DS    M  M100 -M128            Suba must be described as severe,
                               advanced, grave or with similar
                               expression or it is evident patients
                               mobility was substantially impaired
                               (mention of wheelchair, statement such
                               as reduced mobility, bedridden or
                               similar)
DS    M  M170 -M198            Suba must be described as severe,
                               advanced, grave or with similar
                               expression or it is evident patients
                               mobility was substantially impaired
                               (mention of wheelchair, statement such
                               as reduced mobility, bedridden or
                               similar)
DSC   M  M300          M301    Suba must be described as severe,
                               advanced, grave or with similar
                               expression or it is evident patients
                               mobility was substantially impaired
                               (mention of wheelchair, statement such
                               as reduced mobility, bedridden or
                               similar)
DS    M  M301                  Suba must involve pneumonia
DS    M  M302 -M319            Suba must be described as severe,
                               advanced, grave or with similar
                               expression or it is evident patients
                               mobility was substantially impaired
                               (mention of wheelchair, statement such
                               as reduced mobility, bedridden or
                               similar)
DS    M  M350 -M352            Suba must be described as severe,
                               advanced, grave or with similar
                               expression or it is evident patients
                               mobility was substantially impaired
                               (mention of wheelchair, statement such
                               as reduced mobility, bedridden or
                               similar)
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--- J180 ---
  CONTINUED

DS	M	M354 -M359	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M45 -M479	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M481 -M519	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M610 -M619	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M623 -M624	These should, in turn, be due to something else
DS	M	M870 -M879	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M910 -M949	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M960 -M969	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)

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--- J180  ---
   CONTINUED
DS    M  Q000 -Q079          Suba must be described as severe,
                             advanced, grave or with similar
                             expression or it is evident patients
                             mobility was substantially impaired
                             (mention of wheelchair, statement such
                             as reduced mobility, bedridden or
                             similar)
DS    M  S617 -S619          Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  S650 -S651          Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  S657                Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  S659                Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  S684 -S699          Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  T038                Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  T098                Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  T118                Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  T138                Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
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--- J180 ---
  CONTINUED

DS	M	T148	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T230	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T233 -T234	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T237	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T250	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T253 -T254	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T257	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T698	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T708	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T901	DS if sequelae of S017 or of S019
DS	M	T904	DS if sequelae of S057
DS	M	T908	DS if sequelae of S070-S090 or of S097-S098
DS	M	T910	DS if sequelae of S11, S21, S310-S311, S317-S318, or T091
DS	M	T912	DS if sequelae of S222-S229, S321, S323-S325, or S328

--- J180 ---
  CONTINUED

DS	M	T918	DS if sequelae of S130-S134, S136, S146, S15-, S17-, S197-S198, S230-S231, S233, S235, S25-, S28-, S290-S298, S330-S331, S335, S337, S343, S35-, S38-, S390-S398, T096, or T098
DS	M	T920	DS if sequelae of S41-, S51-, S617-S619, or T111
DS	M	T926	DS if sequelae of S47-S489, S570-S589, S684-S689, or T116
DS	M	T928	DS if sequelae of S450-S451, S457, S459, S497, S550-S551, S557, S559, S597, S650-S651, S657, S659, S697-S698, T114, or of serious injury in T118
DS	M	T930	DS if sequelae of S71-, S81-, S910, S917, or T131
DS	M	T932	DS if sequelae of S82-, S927, or T12
DS	M	T938	DS if sequelae of S75-, S797-S798, S85-, S897-S898, S950-S951, S957, S959, S997-S998, T134, and of serious injuries in T138
DS	M	T940	DS if sequelae of T010-T031, T033-T034, or T038-T07
DS	M	T941	DS if sequelae of T141-T142, T145, or T147-T149
DS	M	T950	DS if sequelae of T200, T203-T204, T207, T340-T341, or T352
DS	M	T951	DS if sequelae of T210, T213-T214, T217, T342-T343, or T353
DS	M	T952	DS if sequelae of T220, T223-T224, T227, T230, T233-T234, T237, T344, or T354
DS	M	T953	DS if sequelae of T240, T243-T244, T247, T250, T253-T254, T257, T346-T348, or T355
DS	M	T954	DS if sequelae of T313-T319 or T323-T329
DS	M	T958	DS if sequelae of T270-T277, T28-, T290-T297, T350-T351, or T356
DS	M	T959	DS if seqeulae of T300, T303-T304, T307, T349, or T357

--- J181 ---

SMP	M	A010	Use with typhoid or salmonella typhi pneumonia (broncho) (lobar) only
SMP	M	A022	Use with salmonella pneumonia (broncho) (lobar) only
SMP	M	A162	Use with tuberculous or caseous pneumonia (broncho) (lobar) only
SMP	M	A202	Use with yersinia pestis pneumonia (broncho) (lobar) only
SMP	M	A212	Use with tularemic pneumonia (broncho) (lobar) only
SMP	M	A221	Use with anthrax pneumonia (broncho) (lobar) only

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--- J181 ---
  CONTINUED
SMP  M  A548              Use with gonococcal pneumonia (broncho)
                          (lobar) only
SMP  M  A698              Use with spirochetal pneumonia
                          (broncho) (lobar) only
SMP  M  B068              Use with rubella pneumonia (broncho)
                          (lobar) only
SMP  M  B371              Use with Candida pneumonia (broncho)
                          (lobar) only
SMP  M  B380              Use with acute coccidioidomycosis
                          pneumonia (broncho) (lobar) only
SMP  M  B382              Use with coccidioidomycosis pneumonia
                          (broncho) (lobar) only
SMP  M  B440              Use with aspergillosis pneumonia
                          (broncho) (lobar) only
SMP  M  B59               Use with pneumocystis (carinii)
                          pneumonia (broncho) (lobar)
SMP  M  B658              Use with schistosomiasis pneumonia
                          (broncho) (lobar) only
SMP  M  B778              Use with ascariasis pneumonia (broncho)
                          (lobar) only
SMP  M  B99               Postinfectional pneumonia (broncho)
                          (lobar) only
SMP  M  I00               Use with rheumatic pneumonia (broncho)
                          (lobar) only
SMP  M  J700              Radiation pneumonia (broncho) (lobar)
                          only
SMP  M  J82               Use with allergic pneumonia (broncho)
                          (lobar) or eosinophilic pneumonia
                          (broncho) (lobar) only
SMP  M  J841 -J8410       Addr must be chronic lobar pneumonia
SMP  M  J850              Use with necrotic or gangrenous
                          pneumonia (broncho) (lobar) only
DSC  M  M300        M301  Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  M301 -M319        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
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--- J182 ---

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DS   M  E000 -E038        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  E850 -E859        Suba must involve lung
DS   M  G10  -G121        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  G128 -G129        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  G210 -G308        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  G310 -G319        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  G360 -G419        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  G521              Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
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--- J182 ---
   CONTINUED
DS   M  G600 -G819         Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS   M  G830 -G931         Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS   M  G934              Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS   M  G937 -G939         Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS   M  G960 -G98          Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS   M  I00  -I029         Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS   M  I501 -I509         Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
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--- J182 ---
  CONTINUED

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DS   M  I515 -I516          Suba must be described as severe,
                            advanced, grave or with similar
                            expression or it is evident patients
                            mobility was substantially impaired
                            (mention of wheelchair, statement such
                            as reduced mobility, bedridden or
                            similar)
DS   M  I519                Suba must be described as severe,
                            advanced, grave or with similar
                            expression or it is evident patients
                            mobility was substantially impaired
                            (mention of wheelchair, statement such
                            as reduced mobility, bedridden or
                            similar)
DS   M  J010 -J019          Suba must be described as severe,
                            advanced, grave or with similar
                            expression or it is evident patients
                            mobility was substantially impaired
                            (mention of wheelchair, statement such
                            as reduced mobility, bedridden or
                            similar)
DS   M  J930 -J949          Suba must be described as severe,
                            advanced, grave or with similar
                            expression or it is evident patients
                            mobility was substantially impaired
                            (mention of wheelchair, statement such
                            as reduced mobility, bedridden or
                            similar)
DS   M  K500 -K519          Suba must be described as severe,
                            advanced, grave or with similar
                            expression or it is evident patients
                            mobility was substantially impaired
                            (mention of wheelchair, statement such
                            as reduced mobility, bedridden or
                            similar)
DS   M  K750 -K761          Suba must be described as severe,
                            advanced, grave or with similar
                            expression or it is evident patients
                            mobility was substantially impaired
                            (mention of wheelchair, statement such
                            as reduced mobility, bedridden or
                            similar)
DS   M  K763 -K769          Suba must be described as severe,
                            advanced, grave or with similar
                            expression or it is evident patients
                            mobility was substantially impaired
                            (mention of wheelchair, statement such
                            as reduced mobility, bedridden or
                            similar)
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--- J182 ---
  CONTINUED

DS	M	K860 -K869	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	L400 -L409	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M020 -M029	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M100 -M128	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M170 -M198	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M300 -M319	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M350 -M352	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)

--- J182 ---
  CONTINUED

DS	M	M354	-M359	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M410	-M435	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M45	-M479	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M481	-M519	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M610	-M619	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M623	-M624	These should, in turn, be due to something else
DS	M	M870	-M879	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M910	-M949	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)

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                         TABLE F
      REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- J182  ---
  CONTINUED
DS    M  M960 -M969          Suba must be described as severe,
                             advanced, grave or with similar
                             expression or it is evident patients
                             mobility was substantially impaired
                             (mention of wheelchair, statement such
                             as reduced mobility, bedridden or
                             similar)
DS    M  Q000 -Q079          Suba must be described as severe,
                             advanced, grave or with similar
                             expression or it is evident patients
                             mobility was substantially impaired
                             (mention of wheelchair, statement such
                             as reduced mobility, bedridden or
                             similar)
DS    M  S617 -S619          Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  S650 -S651          Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  S657                Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  S659                Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  S684 -S699          Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  T038                Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  T098                Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
DS    M  T118                Rule 3 should be applied if injury
                             occurred within 4 weeks before death
                             and it is evident from certificate that
                             patients mobility was substantially
                             impaired
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--- J182 ---
  CONTINUED
DS    M  T138              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T148              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T230              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T233 -T234        Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T237              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T250              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T253 -T254        Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T257              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T698              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T708              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T901              DS if sequelae of S017 or of S019
DS    M  T904              DS if sequelae of S057
DS    M  T908              DS if sequelae of S070-S090 or of
                           S097-S098
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--- J182 ---
  CONTINUED

DS	M	T910	DS if sequelae of S11, S21, S310-S311, S317-S318, or T091
DS	M	T912	DS if sequelae of S222-S229, S321, S323-S325, or S328
DS	M	T918	DS if sequelae of S130-S134, S136, S146, S15-, S17-, S197-S198, S230-S231, S233, S235, S25-, S28-, S290-S298, S330-S331, S335, S337, S343, S35-, S38-, S390-S398, T096, or T098
DS	M	T920	DS if sequelae of S41-, S51-, S617-S619, or T111
DS	M	T926	DS if sequelae of S47-S489, S570-S589, S684-S689, or T116
DS	M	T928	DS if sequelae of S450-S451, S457, S459, S497, S550-S551, S557, S559, S597, S650-S651, S657, S659, S697-S698, T114, or of serious injury in T118
DS	M	T930	DS if sequelae of S71-, S81-, S910, S917, or T131
DS	M	T932	DS if sequelae of S82-, S927, or T12
DS	M	T938	DS if sequelae of S75-, S797-S798, S85-, S897-S898, S950-S951, S957, S959, S997-S998, T134, and of serious injuries in T138
DS	M	T940	DS if sequelae of T010-T031, T033-T034, or T038-T07
DS	M	T941	DS if sequelae of T141-T142, T145, or T147-T149
DS	M	T950	DS if sequelae of T200, T203-T204, T207, T340-T341, or T352
DS	M	T951	DS if sequelae of T210, T213-T214, T217, T342-T343, or T353
DS	M	T952	DS if sequelae of T220, T223-T224, T227, T230, T233-T234, T237, T344, or T354
DS	M	T953	DS if sequelae of T240, T243-T244, T247, T250, T253-T254, T257, T346-T348, or T355
DS	M	T954	DS if sequelae of T313-T319 or T323-T329
DS	M	T958	DS if sequelae of T270-T277, T28-, T290-T297, T350-T351, or T356
DS	M	T959	DS if seqeulae of T300, T303-T304, T307, T349, or T357

--- J188 ---

SMP	M	B99	Postinfectional pleuropneumonia, pneumopleurisy, pneumopleuritis, pneumonia (broncho) (lobar) only

--- J188 ---
  CONTINUED

DS	M	E000 -E038	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	E848	One of the manifestations must be pneumonia
DS	M	E850 -E858	Must be lung involvement
DS	M	G10 -G121	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G128 -G129	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G210 -G308	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G310 -G319	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G360 -G419	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G521	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)

--- J188 ---
  CONTINUED

DS	M	G600 -G819	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G830 -G931	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G934	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G937 -G939	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G960 -G98	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	I00	Rheumatic pleuropneumonia, pneumopleurisy, pneumopleuritis, pneumonia (broncho) (lobar) only
DS	M	I010 -I029	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	I501 -I509	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)

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                              TABLE F
           REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE


--- J188  ---
   CONTINUED
DS    M  I515 -I516        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  I519              Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  J010 -J019        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  J930 -J949        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  K500 -K519        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  K750 -K761        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
DS    M  K763 -K769        Suba must be described as severe,
                           advanced, grave or with similar
                           expression or it is evident patients
                           mobility was substantially impaired
                           (mention of wheelchair, statement such
                           as reduced mobility, bedridden or
                           similar)
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--- J188 ---
  CONTINUED

DS	M	K860 -K869		Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	L400 -L409		Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M020 -M029		Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M100 -M128		Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M170 -M198		Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DSC	M	M300	M301	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M301		Suba must involve pneumonia
DS	M	M302 -M319		Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)

--- J188 ---
  CONTINUED
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DS    M  M350 -M352       Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS    M  M354 -M359       Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS    M  M45  -M479       Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS    M  M481 -M519       Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS    M  M610 -M619       Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS    M  M623 -M624       These should, in turn, be due to
                          something else
DS    M  M870 -M879       Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS    M  M910 -M949       Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
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                         TABLE F
        REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE


--- J188  ---
   CONTINUED
DS   M  M960 -M969        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  Q000 -Q079        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  S617 -S619        Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
DS   M  S650 -S651        Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
DS   M  S657              Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
DS   M  S659              Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
DS   M  S684 -S699        Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
DS   M  T038              Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
DS   M  T098              Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
DS   M  T118              Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
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--- J188 ---
CONTINUED

DS	M	T138	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T148	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T230	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T233 -T234	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T237	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T250	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T253 -T254	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T257	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T698	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T708	Rule 3 should be applied if injury occurred within 4 weeks before death and it is evident from certificate that patients mobility was substantially impaired
DS	M	T901	DS if sequelae of S017 or of S019
DS	M	T904	DS if sequelae of S057
DS	M	T908	DS if sequelae of S070-S090 or of S097-S098

--- J188 ---
  CONTINUED

DS	M	T910	DS if sequelae of S11, S21, S310-S311, S317-S318, or T091
DS	M	T912	DS if sequelae of S222-S229, S321, S323-S325, or S328
DS	M	T918	DS if sequelae of S130-S134, S136, S146, S15-, S17-, S197-S198, S230-S231, S233, S235, S25-, S28-, S290-S298, S330-S331, S335, S337, S343, S35-, S38-, S390-S398, T096, or T098
DS	M	T920	DS if sequelae of S41-, S51-, S617-S619, or T111
DS	M	T926	DS if sequelae of S47-S489, S570-S589, S684-S689, or T116
DS	M	T928	DS if sequelae of S450-S451, S457, S459, S497, S550-S551, S557, S559, S597, S650-S651, S657, S659, S697-S698, T114, or of serious injury in T118
DS	M	T930	DS if sequelae of S71-, S81-, S910, S917, or T131
DS	M	T932	DS if sequelae of S82-, S927, or T12
DS	M	T938	DS if sequelae of S75-, S797-S798, S85-, S897-S898, S950-S951, S957, S959, S997-S998, T134, and of serious injuries in T138
DS	M	T940	DS if sequelae of T010-T031, T033-T034, or T038-T07
DS	M	T941	DS if sequelae of T141-T142, T145, or T147-T149
DS	M	T950	DS if sequelae of T200, T203-T204, T207, T340-T341, or T352
DS	M	T951	DS if sequelae of T210, T213-T214, T217, T342-T343, or T353
DS	M	T952	DS if sequelae of T220, T223-T224, T227, T230, T233-T234, T237, T344, or T354
DS	M	T953	DS if sequelae of T240, T243-T244, T247, T250, T253-T254, T257, T346-T348, or T355
DS	M	T954	DS if sequelae of T313-T319 or T323-T329
DS	M	T958	DS if sequelae of T270-T277, T28-, T290-T297, T350-T351, or T356
DS	M	T959	DS if seqeulae of T300, T303-T304, T307, T349, or T357

--- J189 ---

SMP	M	B99	Postinfectional pneumonia (broncho) (lobar) only

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--- J189 ---
  CONTINUED
DS   M E000 -E038      Suba must be described as severe,
                       advanced, grave or with similar
                       expression or it is evident patients
                       mobility was substantially impaired
                       (mention of wheelchair, statement such
                       as reduced mobility, bedridden or
                       similar)
DS   M E850 -E858      Must be lung involvement
DS   M G10  -G121      Suba must be described as severe,
                       advanced, grave or with similar
                       expression or it is evident patients
                       mobility was substantially impaired
                       (mention of wheelchair, statement such
                       as reduced mobility, bedridden or
                       similar)
DS   M G128 -G129      Suba must be described as severe,
                       advanced, grave or with similar
                       expression or it is evident patients
                       mobility was substantially impaired
                       (mention of wheelchair, statement such
                       as reduced mobility, bedridden or
                       similar)
DS   M G210 -G308      Suba must be described as severe,
                       advanced, grave or with similar
                       expression or it is evident patients
                       mobility was substantially impaired
                       (mention of wheelchair, statement such
                       as reduced mobility, bedridden or
                       similar)
DS   M G310 -G319      Suba must be described as severe,
                       advanced, grave or with similar
                       expression or it is evident patients
                       mobility was substantially impaired
                       (mention of wheelchair, statement such
                       as reduced mobility, bedridden or
                       similar)
DS   M G360 -G419      Suba must be described as severe,
                       advanced, grave or with similar
                       expression or it is evident patients
                       mobility was substantially impaired
                       (mention of wheelchair, statement such
                       as reduced mobility, bedridden or
                       similar)
DS   M G521            Suba must be described as severe,
                       advanced, grave or with similar
                       expression or it is evident patients
                       mobility was substantially impaired
                       (mention of wheelchair, statement such
                       as reduced mobility, bedridden or
                       similar)
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--- J189 ---
  CONTINUED

DS	M	G600 -G819	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G830 -G931	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G934	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G937 -G939	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	G960 -G98	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	I00	Rheumatic pneumonia (broncho) (lobar) only
DS	M	I010 -I029	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	I501 -I509	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)

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                          TABLE F
      REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- J189 ---
  CONTINUED
DS   M  I515 -I516        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  I519              Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  J010 -J019        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  J930 -J949        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  K500 -K519        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  K750 -K761        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  K763 -K769        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
```

--- J189 ---
  CONTINUED

DS	M	K860	-K869	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	L400	-L409	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M020	-M029	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M100	-M128	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M170	-M198	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DSC	M	M300	M301	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M301		Suba must involve pneumonia
DS	M	M302	-M319	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)

--- J189 ---
  CONTINUED

DS	M	M350	-M352	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M354	-M359	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M45	-M479	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M481	-M519	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M610	-M619	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M623	-M624	These should, in turn, be due to something else
DS	M	M870	-M879	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)
DS	M	M910	-M949	Suba must be described as severe, advanced, grave or with similar expression or it is evident patients mobility was substantially impaired (mention of wheelchair, statement such as reduced mobility, bedridden or similar)

```
                        TABLE F
      REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- J189  ---
  CONTINUED
DS   M  M960 -M969        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  Q000 -Q079        Suba must be described as severe,
                          advanced, grave or with similar
                          expression or it is evident patients
                          mobility was substantially impaired
                          (mention of wheelchair, statement such
                          as reduced mobility, bedridden or
                          similar)
DS   M  S617 -S619        Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
DS   M  S650 -S651        Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
DS   M  S657              Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
DS   M  S659              Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
DS   M  S684 -S699        Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
DS   M  T038              Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
DS   M  T098              Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
DS   M  T118              Rule 3 should be applied if injury
                          occurred within 4 weeks before death
                          and it is evident from certificate that
                          patients mobility was substantially
                          impaired
```

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--- J189 ---
  CONTINUED
DS    M  T138              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T148              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T230              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T233 -T234        Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T237              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T250              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T253 -T254        Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T257              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T698              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T708              Rule 3 should be applied if injury
                           occurred within 4 weeks before death
                           and it is evident from certificate that
                           patients mobility was substantially
                           impaired
DS    M  T901              DS if sequelae of S017 or of S019
DS    M  T904              DS if sequelae of S057
DS    M  T908              DS if sequelae of S070-S090 or of
                           S097-S098
```

--- J189 ---
  CONTINUED

DS	M	T910		DS if sequelae of S11, S21, S310-S311, S317-S318, or T091
DS	M	T912		DS if sequelae of S222-S229, S321, S323-S325, or S328
DS	M	T918		DS if sequelae of S130-S134, S136, S146, S15-, S17-, S197-S198, S230-S231, S233, S235, S25-, S28-, S290-S298, S330-S331, S335, S337, S343, S35-, S38-, S390-S398, T096, or T098
DS	M	T920		DS if sequelae of S41-, S51-, S617-S619, or T111
DS	M	T926		DS if sequelae of S47-S489, S570-S589, S684-S689, or T116
DS	M	T928		DS if sequelae of S450-S451, S457, S459, S497, S550-S551, S557, S559, S597, S650-S651, S657, S659, S697-S698, T114, or of serious injury in T118
DS	M	T930		DS if sequelae of S71-, S81-, S910, S917, or T131
DS	M	T932		DS if sequelae of S82-, S927, or T12
DS	M	T938		DS if sequelae of S75-, S797-S798, S85-, S897-S898, S950-S951, S957, S959, S997-S998, T134, and of serious injuries in T138
DS	M	T940		DS if sequelae of T010-T031, T033-T034, or T038-T07
DS	M	T941		DS if sequelae of T141-T142, T145, or T147-T149
DS	M	T950		DS if sequelae of T200, T203-T204, T207, T340-T341, or T352
DS	M	T951		DS if sequelae of T210, T213-T214, T217, T342-T343, or T353
DS	M	T952		DS if sequelae of T220, T223-T224, T227, T230, T233-T234, T237, T344, or T354
DS	M	T953		DS if sequelae of T240, T243-T244, T247, T250, T253-T254, T257, T346-T348, or T355
DS	M	T954		DS if sequelae of T313-T319 or T323-T329
DS	M	T958		DS if sequelae of T270-T277, T28-, T290-T297, T350-T351, or T356
DS	M	T959		DS if seqeulae of T300, T303-T304, T307, T349, or T357

--- J208 ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

```
                         TABLE F
        REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE


--- J209  ---

DSC   M  B24         B201  Addr must be caused by a bacterial
                           organism
DSC   M  B24         B203  Addr must be caused by a viral organism
DSC   M  B24         B208  Causative organism of addr not reported
SMP   M  J680              Chemical bronchitis (acute) only
DSC   M  R75         B201  Addr must be caused by a bacterial
                           organism
DSC   M  R75         B203  Addr must be caused by a viral organism
DSC   M  R75         B208  Causative organism of addr not reported

--- J218  ---

DSC   M  B24         B201  Addr must be caused by a bacterial
                           organism
DSC   M  B24         B203  Addr must be caused by a viral organism
DSC   M  B24         B208  Causative organism of addr not reported
DSC   M  R75         B201  Addr must be caused by a bacterial
                           organism
DSC   M  R75         B203  Addr must be caused by a viral organism
DSC   M  R75         B208  Causative organism of addr not reported

--- J219  ---

DSC   M  B24         B201  Addr must be caused by a bacterial
                           organism
DSC   M  B24         B203  Addr must be caused by a viral organism
DSC   M  B24         B208  Causative organism of addr not reported
SMP   M  J448             Chronic or obliterative bronchiolitis
                          only
SMP   M  J684             Chemical bronchiolitis only
DSC   M  R75         B201  Addr must be caused by a bacterial
                           organism
DSC   M  R75         B203  Addr must be caused by a viral organism
DSC   M  R75         B208  Causative organism of addr not reported

--- J310  ---

SMP   M  A168             Tuberculous rhinitis only
SMP   M  A527             Syphilitic rhinitis only
DSC   M  B24         B201  Addr must be caused by a bacterial
                           organism
DSC   M  B24         B203  Addr must be caused by a viral organism
DSC   M  B24         B208  Causative organism of addr not reported
DSC   M  R75         B201  Addr must be caused by a bacterial
                           organism
DSC   M  R75         B203  Addr must be caused by a viral organism
DSC   M  R75         B208  Causative organism of addr not reported

--- J311 -J312  ---

DSC   M  B24         B201  Addr must be caused by a bacterial
                           organism
DSC   M  B24         B203  Addr must be caused by a viral organism
DSC   M  B24         B208  Causative organism of addr not reported
```

```
--- J311 -J312  ---
   CONTINUED
DSC   M  R75           B201  Addr must be caused by a bacterial
                             organism
DSC   M  R75           B203  Addr must be caused by a viral organism
DSC   M  R75           B208  Causative organism of addr not reported

--- J320  ---

SMP   M  A168                Tuberculous sinusitis only
DSC   M  B24           B201  Addr must be caused by a bacterial
                             organism
DSC   M  B24           B203  Addr must be caused by a viral organism
DSC   M  B24           B208  Causative organism of addr not reported
SMP   M  C310                Disease maxillary sinus only
SMP   M  C783                Disease maxillary sinus only
SMP   M  D023                Disease maxillary sinus only
SMP   M  D140                Disease maxillary sinus only
SMP   M  D385                Disease maxillary sinus only
DSC   M  R75           B201  Addr must be caused by a bacterial
                             organism
DSC   M  R75           B203  Addr must be caused by a viral organism
DSC   M  R75           B208  Causative organism of addr not reported

--- J321  ---

SMP   M  A168                Tuberculous frontal sinusitis only
DSC   M  B24           B201  Addr must be caused by a bacterial
                             organism
DSC   M  B24           B203  Addr must be caused by a viral organism
DSC   M  B24           B208  Causative organism of addr not reported
SMP   M  C312                Disease, frontal sinus only
SMP   M  C783                Disease, frontal sinus only
SMP   M  D023                Disease, frontal sinus only
SMP   M  D140                Disease, frontal sinus only
SMP   M  D385                Disease, frontal sinus only
DSC   M  R75           B201  Addr must be caused by a bacterial
                             organism
DSC   M  R75           B203  Addr must be caused by a viral organism
DSC   M  R75           B208  Causative organism of addr not reported

--- J322  ---

SMP   M  A168                Tuberculous ethmoidal sinusitis only
DSC   M  B24           B201  Addr must be caused by a bacterial
                             organism
DSC   M  B24           B203  Addr must be caused by a viral organism
DSC   M  B24           B208  Causative organism of addr not reported
SMP   M  C311                Disease, ethmoidal sinus only
SMP   M  C783                Disease, ethmoidal sinus only
SMP   M  D023                Disease, ethmoidal sinus only
SMP   M  D140                Disease, ethmoidal sinus only
SMP   M  D385                Disease, ethmoidal sinus only
DSC   M  R75           B201  Addr must be caused by a bacterial
                             organism
DSC   M  R75           B203  Addr must be caused by a viral organism
DSC   M  R75           B208  Causative organism of addr not reported
```

```
                          TABLE F
       REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- J323  ---

SMP   M  A168                      Tuberculous sinusitis only
DSC   M  B24          B201         Addr must be caused by a bacterial
                                   organism
DSC   M  B24          B203         Addr must be caused by a viral organism
DSC   M  B24          B208         Causative organism of addr not reported
SMP   M  C313                      Disease, sphenoidal sinus only
SMP   M  C783                      Disease, sphenoidal sinus only
SMP   M  D023                      Disease, sphenoidal sinus only
SMP   M  D140                      Disease, sphenoidal sinus only
SMP   M  D385                      Disease, sphenoidal sinus only
DSC   M  R75          B201         Addr must be caused by a bacterial
                                   organism
DSC   M  R75          B203         Addr must be caused by a viral organism
DSC   M  R75          B208         Causative organism of addr not reported

--- J324 -J328  ---

SMP   M  A168                      Tuberculous sinusitis only
DSC   M  B24          B201         Addr must be caused by a bacterial
                                   organism
DSC   M  B24          B203         Addr must be caused by a viral organism
DSC   M  B24          B208         Causative organism of addr not reported
SMP   M  C310 -C319                Disease, sinus only
SMP   M  C783                      Disease, sinus only
SMP   M  D023                      Disease, sinus only
SMP   M  D140                      Disease, sinus only
SMP   M  D385                      Disease, sinus only
DSC   M  R75          B201         Addr must be caused by a bacterial
                                   organism
DSC   M  R75          B203         Addr must be caused by a viral organism
DSC   M  R75          B208         Causative organism of addr not reported

--- J329  ---

SMP   M  A168                      Tuberculous sinusitis only
DSC   M  B24          B201         Addr must be caused by a bacterial
                                   organism
DSC   M  B24          B203         Addr must be caused by a viral organism
DSC   M  B24          B208         Causative organism of addr not reported
SMP   M  C319                      Disease, sinus only
SMP   M  C783                      Disease, sinus only
SMP   M  D023                      Disease, sinus only
SMP   M  D140                      Disease, sinus only
SMP   M  D385                      Disease, sinus only
DSC   M  R75          B201         Addr must be caused by a bacterial
                                   organism
DSC   M  R75          B203         Addr must be caused by a viral organism
DSC   M  R75          B208         Causative organism of addr not reported

--- J340  ---

DSC   M  B24          B201         Addr must be caused by a bacterial
                                   organism
DSC   M  B24          B203         Addr must be caused by a viral organism
DSC   M  B24          B208         Causative organism of addr not reported
```

```
--- J340  ---
   CONTINUED
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported

--- J348  ---

SMP   M  J310                Use disease or disorder nose or
                             disorder sinus only
SMP   M  J320 -J343          Use disease or disorder nose or
                             disorder sinus only

--- J359  ---

SMP   M  C024                Site of suba must be same as addr site
SMP   M  C090 -C091          Site of suba must be same as addr site
SMP   M  C099                Site of suba must be same as addr site
SMP   M  C111                Site of suba must be same as addr site
SMP   M  D000                Disease tonsil with neoplasm, tonsil or
                             disease adenoid with neoplasm adenoid
SMP   M  D101                Site of suba must be same as addr site
SMP   M  D104 -D106          Site of suba must be same as addr site
SMP   M  D370                Disease tonsil with neoplasm, tonsil or
                             disease adenoid with neoplasm adenoid
SMP   M  J350 -J358          Spirochetal pleuropneumonia,
                             pneumopleurisy, pneumopleuritis,
                             pneumonia (broncho) (lobar) only
SMP   M  J36                 Site of suba must be same as addr site

--- J36   ---

DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported

--- J370  ---

DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
LMC   M  J041         J371   Use tracheitis NOS only
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported
```

--- J371 ---

```
DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported
```

--- J382 -J383 ---

```
DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
DSC   M  B24          B238   Addr must be a non-infectious condition
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported
DSC   M  R75          B238   Addr must be a non-infectious condition
```

--- J384 -J386 ---

```
DSC   M  B24          B238   Addr must be a non-infectious condition
DSC   M  R75          B238   Addr must be a non-infectious condition
```

--- J387 ---

```
SMP   M  A164                Disease larynx with tuberculous
                             laryngitis
SMP   M  A362                Disease larynx with laryngeal
                             diphtheria
DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
DSC   M  B24          B238   Addr must be a non-infectious condition
SMP   M  J040                Disease larynx only
SMP   M  J042 -J060          Disease larynx only
SMP   M  J101                Disease larynx with influenzal
                             laryngitis, spec virus
SMP   M  J111                Disease larynx with influenzal
                             laryngitis, virus not identified
SMP   M  J370                Disease larynx with chronic laryngitis
SMP   M  J371                Disease larynx with chronic
                             laryngotracheitis
SMP   M  J380 -J386          Disease larynx only
SMP   M  Q310 -Q319          Disease larynx only
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported
DSC   M  R75          B238   Addr must be a non-infectious condition
```

--- J390 -J391 ---

```
DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported
```

--- J392 ---

```
SMP   M  J020 -J029          Use disease pharynx only
SMP   M  J101                Use disease pharynx with influenzal
                             pharyngitis virus not identified
SMP   M  J111                Use disease pharynx with influenzal
                             pharyngitis virus not identified
SMP   M  J312                Use disease pharynx only
```

--- J40   ---

```
SMP   M  A164                Tuberculous bronchitis only
SMP   M  A698                Spirochetal bronchitis only
DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
SMP   M  J680                Chemical bronchitis only
LMC   M  J984         J448   Bronchitis with lung obstruction
LMC   M  J988         J448   Bronchitis with airway obstruction
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported
```

--- J410 -J418   ---

```
DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
DSC   M  J988         J448   Airway obstruction with bronchitis
                             (chronic) only
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported
```

--- J42   ---

```
DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
SMP   M  J684                Chronic chemical bronchitis only
SMP   M  J701                Chronic radiation bronchitis only
```

```
--- J42   ---
   CONTINUED
LMC   M  J988        J448   Airway obstruction only
DSC   M  R75         B201   Addr must be caused by a bacterial
                            organism
DSC   M  R75         B203   Addr must be caused by a viral organism
DSC   M  R75         B208   Causative organism of addr not reported

--- J439  ---

SMP   M  J982               Use interstitial or mediastinal
                            emphysema only

--- J459  ---

SMP   M  A162               Tuberculous asthma only
SMP   M  J385               Millars asthma only
SMP   M  J60                Miners asthma only
SMP   M  J628               Potters asthma, or sandblasters asthma,
                            or stonemasons asthma, or grinders
                            asthma
SMP   M  J64                Pneumoconiotic asthma only
SMP   M  J82                Eosinophilic asthma only

--- J47   ---

SMP   M  A162               Tuberculous bronchiectasis

--- J80  -J82   ---

DSC   M  E859        E854   Addr indexed with a modifier of amyloid

--- J840  ---

DSC   M  E841        E848   Addr cannot be idiopathic
DSC   M  E849        E840   Addr cannot be idiopathic

--- J841  ---

DSC   M  B24         B238   Addr must be a non-infectious condition
                            or not stated idiopathic
DS    M  B909               Suba must be pulmonary or respiratory
                            tuberculosis; addr cannot be idiopathic
DSC   M  E859        E854   Addr indexed with a modifier of amyloid
LMP   M  J60  -J61          Use fibrosis lung only
LMP   M  J628 -J630         Use fibrosis lung only
LMP   M  J632 -J635         Use fibrosis lung only
LMP   M  J64                Use fibrosis lung only
LMP   M  J660               Use fibrosis lung only
LMP   M  J670 -J671         Use fibrosis lung only
DSC   M  M349        M348   Addr cannot be idiopathic
DSC   M  R75         B238   Addr must be a non-infectious condition
                            or not stated idiopathic
```

--- J8410 ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr is not reported; addr must be an infectious condition
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr is not reported; addr must be an infectious condition

--- J848 ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr is not reported; addr must be an infectious condition
DSC	M	B24	B238	Addr must be a non-infectious condition or not stated idiopathic
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr is not reported; addr must be an infectious condition
DSC	M	R75	B238	Addr must be a non-infectious condition or not stated idiopathic

--- J8490 ---

DSC	M	E859	E854	Suba indexed with a modifier of amyloid

--- J850 ---

DSC	M	E859	E854	Addr indexed with a modifier of amyloid

--- J851 -J853 ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	E859	E854	Addr indexed with a modifier of amyloid
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- J860 ---

SMP	M	A165		Use tuberculous pyothorax only

```
--- J860  ---
   CONTINUED
DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
DSC   M  E859         E854   Addr indexed with a modifier of amyloid
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported


--- J869  ---

DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
DSC   M  E859         E854   Addr indexed with a modifier of amyloid
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported


--- J90   ---

SMP   M  A165                Tuberculous pleural effusion only
DSC   M  E859         E854   Addr indexed with a modifier of amyloid
SMP   M  J101                Influenzal pleural effusion only
SMP   M  J111                Influenzal pleural effusion only


--- J929  ---

DSC   M  E859         E854   Addr indexed with a modifier of amyloid


--- J930 -J939  ---

SMP   M  A162                Use tuberculous pneumothorax only
DSC   M  E859         E854   Addr indexed with a modifier of amyloid


--- J940 -J941  ---

DSC   M  E859         E854   Addr indexed with a modifier of amyloid


--- J942  ---

SMP   M  A165                Conditions classified to addr qualified
                             as tuberculous
DSC   M  E859         E854   Addr indexed with a modifier of amyloid


--- J948  ---

DSC   M  E859         E854   Addr indexed with a modifier of amyloid


--- J949  ---

DSC   M  E859         E854   Addr indexed with a modifier of amyloid
```

```
--- J949  ---
   CONTINUED
SMP   M  J860 -J869        Use pleural conditons in suba only

--- J950  ---

DS    M  Y883             Surgery must be a tracheostomy

--- J951  ---

DS    M  Y883             Surgery must be thoracic

--- J952  ---

DS    M  Y830 -Y834       Surgery must be non-thoracic
DS    M  Y836 -Y839       Surgery must be non-thoracic
DS    M  Y883             Surgery must be non-thoracic

--- J953  ---

DS    M  Y883             Surgery must be the procedure

--- J954  ---

DS    M  Y830 -Y839       Surgery must be the procedure
DS    M  Y883             Surgery must be the procedure

--- J961  ---

DS    M  B948 -B949       Suba must involve lung or thorax
                          (organ)
DS    M  C810 -C859       Suba must involve lung or thorax
                          (organ)
DS    M  D023             Must not be middle ear
DS    M  D140             Must not be middle ear
DS    M  D367             Must be nose
DS    M  D385             Must not be middle ear
DS    M  D487             Must be nose
DS    M  E854             Suba must be lung
DS    M  G10  -G129       Suba must be longstanding or advanced
DS    M  G230 -G239       Suba must be longstanding or advanced
DS    M  G35  -G379       Suba must be longstanding or advanced
DS    M  G600 -G610       Suba must be longstanding or advanced
DS    M  G700 -G722       Suba must be longstanding or advanced
DS    M  G724 -G729       Suba must be longstanding or advanced
DS    M  J680 -J689       Suba must be longstanding
DS    M  J704 -J709       Suba must be longstanding
DS    M  T900 -T983       Suba must be of lung or thorax

--- J980  ---

SMP   M  A164             Bronchus disease only
SMP   M  A527             Bronchus disease only
DSC   M  B24        B238  Addr must be a non-infectious condition
DSC   M  E859       E854  Addr indexed with a modifier of amyloid
SMP   M  J100 -J101       Bronchus disease only
SMP   M  J110 -J111       Bronchus disease only
```

```
--- J980  ---
   CONTINUED
SMP   M  J120 -J180           Bronchus disease only
SMP   M  J200 -J219           Bronchus disease only
SMP   M  J40  -J42            Bronchus disease only
SMP   M  J47                  Bronchus disease only
SMP   M  J680                 Bronchus disease only
SMP   M  P220 -P239           Bronchus disease only
SMP   M  P271                 Bronchus disease only
SMP   M  Q322 -Q324           Bronchus disease only
DSC   M  R75          B238    Addr must be a non-infectious condition

--- J981  ---

SMP   M  A162                 Use tuberculous atelectasis or
                              tuberculous lung collapse only
DSC   M  B24          B238    Addr must be a non-infectious condition
DSC   M  E859         E854    Addr indexed with a modifier of amyloid
DSC   M  R75          B238    Addr must be a non-infectious condition

--- J984  ---

SMP   M  A022                 Lung infection with salmonella
                              pneumonia
SMP   M  A060                 Lung infection only with acute
                              amebiasis NOS
SMP   M  A065                 Lung infection only
SMP   M  A069                 Lung infection only with amebiasis NOS
SMP   M  A162                 Lung infection only with lung
                              tuberculosis or tuberculous pneumonia
SMP   M  A212                 Lung infection only
SMP   M  A221                 Lung infection only
SMP   M  A310                 Lung infection only
SMP   M  A420                 Lung infection only
SMP   M  A527                 Lung infection only with lung syphilis
SMP   M  A548                 Lung infection with gonococcal
                              pneumonia
SMP   M  B052                 Lung infection only
SMP   M  B068                 Lung infection only with rubella
                              pneumonia
DSC   M  B24          B201    Addr must be infection lung and caused
                              by a bacterial organism
DSC   M  B24          B208    Addr must be infection lung with
                              causative organism not reported
DSC   M  B24          B238    Addr must be a non-infectious condition
SMP   M  B371                 Lung infection only
SMP   M  B390 -B392           Lung infection only
SMP   M  B664                 Lung infection only
SMP   M  B671                 Lung infection only
SMP   M  B676                 Lung infection with echinococcosis
                              multilocularis infection lung
SMP   M  B679                 Lung infection with echinococcosis
                              infection NOS
SMP   M  B909                 Lung infection only
DSC   M  E859         E854    Addr indexed with a modifier of amyloid
SMP   M  J100                 Lung infection only
SMP   M  J110                 Lung infection only
```

```
--- J984  ---
   CONTINUED
SMP   M  J120 -J189            Lung infection only
DSC   M  J40            J448   Bronchitis with lung obstruction
SMP   M  J850 -J852            Lung infection only
DSC   M  R75            B201   Addr must be infection lung and caused
                               by a bacterial organism
DSC   M  R75            B208   Addr must be infection lung with
                               causative organism not reported
DSC   M  R75            B238   Addr must be a non-infectious condition

--- J9840 ---

SMP   M  A010                  Typhoid or salmonella typhi pneumonia
                               (broncho) (lobar) only
SMP   M  A022                  Salmonella pneumonia (broncho) (lobar)
                               only
SMP   M  A527                  Lung syphilis only
SMP   M  A548                  Gonococcal pneumonia (broncho) (lobar)
                               only
SMP   M  A698                  Spirochetal pneumonia only
SMP   M  A70                   Ornithosis pneumonia only
SMP   M  A78                   Q fever pneumonia only
SMP   M  B068                  Rubella pneumonia (broncho) (lobar)
                               only
DSC   M  B24            B238   Addr must be a non-infectious condition
SMP   M  B650 -B659            Pulmonary schistosomiasis or
                               schistosomiasis pneumonia
SMP   M  B778                  Ascariasis pneumonia (broncho) (lobar)
                               only
SMP   M  B99                   Postinfectional pneumonia only
SMP   M  D381                  Use lung in suba only
DSC   M  E859           E854   Addr indexed with a modifier of amyloid
SMP   M  I00                   Rheumatic pneumonia (broncho) (lobar)
                               only
SMP   M  J683 -J689            Use lung conditions only
SMP   M  P350                  Congenital rubella pneumonitis only
DSC   M  R75            B238   Addr must be a non-infectious condition

--- J985  ---

SMP   M  A168                  Mediastinitis with tuberculous
                               mediastinitis only or disease
                               mediastinal with mediastinum
                               tuberculosis
SMP   M  A527                  Mediastinitis with syphilitic
                               mediastinitis only
DSC   M  B24            B201   Addr must be an infectious condition
                               caused by a bacterial organism
DSC   M  B24            B203   Addr must be an infectious condition
                               caused by a viral organism
DSC   M  B24            B208   Addr must be an infectious condition
                               with causative organism not reported
DSC   M  B24            B238   Addr must be a non-infectious condition
SMP   M  C381 -C383            Disease mediastinum only
SMP   M  C781                  Disease mediastinum only
SMP   M  D152                  Disease mediastinum only
```

```
--- J985 ---
  CONTINUED
SMP   M   D383                 Disease mediastinum only
DSC   M   E859        E854     Addr indexed with a modifier of amyloid
SMP   M   J853                 Disease mediastinum only
DSC   M   R75         B201     Addr must be an infectious condition
                               caused by a bacterial organism
DSC   M   R75         B203     Addr must be an infectious condition
                               caused by a viral organism
DSC   M   R75         B208     Addr must be an infectious condition
                               with causative organism not reported
DSC   M   R75         B238     Addr must be a non-infectious condition


--- J986 ---

DSC   M   B24         B238     Addr must be a non-infectious condition
DSC   M   E859        E854     Addr indexed with a modifier of amyloid
DSC   M   R75         B238     Addr must be a non-infectious condition


--- J988 ---

DSC   M   B24         B201     Addr must be an infectious condition
                               caused by a bacterial organism
DSC   M   B24         B203     Addr must be an infectious condition
                               caused by a viral organism
DSC   M   B24         B208     Addr must be an infectious condition
                               with causative organism not reported
DSC   M   B24         B238     Addr must be a non-infectious condition
DSC   M   E859        E854     Addr indexed with a modifier of amyloid
SMP   M   J00  -J101           Respiratory infection only
SMP   M   J110 -J111           Respiratory infection only
SMP   M   J120 -J329           Respiratory infection only
SMP   M   J350                 Respiratory infection only
SMP   M   J36  -J371           Respiratory infection only
SMP   M   J390 -J391           Respiratory infection only
SMP   M   J40  -J42            Respiratory infection only
LMC   M   J40  -J42   J448     Airway obstruction with bronchitis
                               (chronic) only
LMP   M   J430 -J439           Airway obstruction with emphysema only
SMP   M   J440 -J448           Respiratory infection only
LMP   M   J450 -J46            Airway obstruction with asthma only
LMP   M   J47                  Airway obstruction with bronchiectasis
                               only
LMP   M   J679                 Airway obstruction with allergic
                               alveolitis only
SMP   M   J680                 Respiratory infection only
SMP   M   J682                 Respiratory infection only
SMP   M   J690 -J698           Respiratory infection only
SMP   M   J850 -J869           Respiratory infection only
DSC   M   R75         B201     Addr must be an infectious condition
                               caused by a bacterial organism
DSC   M   R75         B203     Addr must be an infectious condition
                               caused by a viral organism
DSC   M   R75         B208     Addr must be an infectious condition
                               with causative organism not reported
DSC   M   R75         B238     Addr must be a non-infectious condition
```

```
                           TABLE F
       REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE


--- J989  ---

SMP   M  A022                    Salmonella pneumonia only
DSC   M  B24          B238       Addr must be a non-infectious condition
SMP   M  D140                    Nasal cavity and sinuses only
DSC   M  E859         E854       Addr indexed with a modifier of amyloid
DSC   M  R75          B238       Addr must be a non-infectious condition

--- K000 -K051  ---

DSC   M  B059         B054       Addr must have modifier of postmeasles
                                 or measles in VOL3
DSC   M  B572         B573       Suba must be Chagas disease NOS; addr
                                 must have modifier of in Chagas disease
                                 in VOL3
DSC   M  B779         B770       Addr must have a modifier of ascariasis
                                 in VOL3

--- K053 -K054  ---

DSC   M  B059         B054       Addr must have modifier of postmeasles
                                 or measles in VOL3
DSC   M  B572         B573       Suba must be Chagas disease NOS; addr
                                 must have modifier of in Chagas disease
                                 in VOL3
DSC   M  B779         B770       Addr must have a modifier of ascariasis
                                 in VOL3

--- K056  ---

DSC   M  B059         B054       Addr must have modifier of postmeasles
                                 or measles in VOL3
DSC   M  B572         B573       Suba must be Chagas disease NOS; addr
                                 must have modifier of in Chagas disease
                                 in VOL3
DSC   M  B779         B770       Addr must have a modifier of ascariasis
                                 in VOL3
SMP   M  C798                    Site in suba must be gum
SMP   M  D000                    Site in suba must be gum
SMP   M  D103                    Site in suba must be gum
SMP   M  D370                    Site in suba must be gum
SMP   M  Q386                    Site in suba must be gum

--- K060  ---

DSC   M  B059         B054       Addr must have modifier of postmeasles
                                 or measles in VOL3
DSC   M  B572         B573       Suba must be Chagas disease NOS; addr
                                 must have modifier of in Chagas disease
                                 in VOL3
DSC   M  B779         B770       Addr must have a modifier of ascariasis
                                 in VOL3

--- K069 -K083  ---

DSC   M  B059         B054       Addr must have modifier of postmeasles
                                 or measles in VOL3
```

```
--- K069 -K083  ---
   CONTINUED
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3


--- K091 -K101  ---

DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3


--- K103 -K108  ---

DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3


--- K109  ---

SMP   M  A180                Site in suba must be jaw
DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3
SMP   M  B902                Site in suba must be jaw
SMP   M  C030 -C039          Site(s) in suba must be soft tissue jaw
SMP   M  C410                Site in suba must be maxilla bone
SMP   M  C433                Suba must be melanoma jaw
SMP   M  C443                Suba must be skin jaw
SMP   M  C760                Site in suba must be jaw
SMP   M  C795                Site must be jaw bone
SMP   M  C798                Site in suba must be jaw
SMP   M  D043                Site in suba must be jaw
SMP   M  D097                Site in suba must be jaw
SMP   M  D103                Site in suba must be jaw
SMP   M  D164                Site in suba must be jaw
SMP   M  D223                Site in suba must be jaw
SMP   M  D233                Site in suba must be jaw
SMP   M  D367                Site in suba must be jaw
SMP   M  D370                Site in suba must be jaw
SMP   M  D480                Site in suba must be jaw
SMP   M  D485                Site in suba must be jaw
SMP   M  D487                Site in suba must be jaw
```

--- K110 -K118 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K120 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B238	Addr must be a non-infectious condition
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DSC	M	R75	B238	Addr must be a non-infectious condition

--- K121 -K122 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B24	B238	Addr must be a non-infectious condition
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported
DSC	M	R75	B238	Addr must be a non-infectious condition

--- K130 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B238	Addr must be a non-infectious condition
DSC	M	R75	B238	Addr must be a non-infectious condition

--- K132 -K133 ---

| DSC | M | B24 | B238 | Addr must be a non-infectious condition |
| DSC | M | R75 | B238 | Addr must be a non-infectious condition |

--- K135 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B238	Addr must be a non-infectious condition
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3

```
--- K135  ---
   CONTINUED
DSC   M  B779       B770    Addr must have a modifier of ascariasis
                            in VOL3
DSC   M  R75        B238    Addr must be a non-infectious condition

--- K137  ---

SMP   M  K130 -K136         Addr must be unspecified disease of
                            oral mucosa

--- K141 -K146  ---

DSC   M  B059       B054    Addr must have modifier of postmeasles
                            or measles in VOL3
DSC   M  B572       B573    Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3
DSC   M  B779       B770    Addr must have a modifier of ascariasis
                            in VOL3

--- K20   ---

SMP   M  A188               Suba must be tuberculous esophagitis
DSC   M  B24        B201    Addr must be caused by a bacterial
                            organism
DSC   M  B24        B203    Addr must be caused by a viral organism
DSC   M  B24        B208    Causative organism of addr not reported
DSC   M  B572       B573    Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3
SMP   M  B573               Suba must be esophagitis in Chagas
                            disease
DS    M  C788               Must be stomach and/or esophagus
DS    M  D377               Site in suba must be esophagus
DSC   M  R75        B201    Addr must be caused by a bacterial
                            organism
DSC   M  R75        B203    Addr must be caused by a viral organism
DSC   M  R75        B208    Causative organism of addr not reported
DS    M  T360 -T659         Must be a toxic substance causing
                            esophageal disorders
DS    M  T96  -T97          Must be a toxic substance causing
                            esophageal disorders

--- K210  ---

DSC   M  B24        B201    Addr must be caused by a bacterial
                            organism
DSC   M  B24        B203    Addr must be caused by a viral organism
DSC   M  B24        B208    Causative organism of addr not reported
DSC   M  B572       B573    Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3
DS    M  C788               Site must be esophagus and/or stomach
DS    M  D377               Site must be esophagus
DSC   M  R75        B201    Addr must be caused by a bacterial
                            organism
```

--- K210 ---
  CONTINUED
```
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported
DS    M  T360 -T659          Must be a toxic substance causing
                             esophageal disorders
DS    M  T96  -T97           Must be a toxic substance causing
                             esophageal disorders
```

--- K219 ---

```
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DS    M  C788                Site must be esophagus and/or stomach
DS    M  D377                Site must be esophagus
DS    M  T360 -T659          Must be a toxic substance causing
                             esophageal disorders
DS    M  T96  -T97           Must be a toxic substance causing
                             esophageal disorders
```

--- K220 ---

```
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
SMP   M  B573                Must be megaloesophagus in Chagas
                             disease
DS    M  C788                Site must be esophagus and/or stomach
DS    M  D377                Site must be esophagus
DS    M  T360 -T659          Must be a toxic substance causing
                             esophageal disorders
DS    M  T96  -T97           Must be a toxic substance causing
                             esophageal disorders
```

--- K221 ---

```
DSC   M  B24          B238   Addr must be a non-infectious condition
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DS    M  C788                Site must be esophagus and/or stomach
DS    M  D377                Site must be esophagus
DSC   M  R75          B238   Addr must be a non-infectious condition
DS    M  T360 -T659          Must be a toxic substance causing
                             esophageal disorders
DS    M  T96  -T97           Must be a toxic substance causing
                             esophageal disorders
```

--- K222 ---

```
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DS    M  C788                Site must be esophagus and/or stomach
DS    M  D377                Site must be esophagus
```

```
--- K222 ---
  CONTINUED
DS    M  T360 -T659          Must be a toxic substance causing
                             esophageal disorders
DS    M  T96  -T97           Must be a toxic substance causing
                             esophageal disorders


--- K223 ---

DSC   M  B572          B573  Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DS    M  C788                Site must be esophagus and/or stomach
DS    M  D377                Site must be esophagus
DS    M  T96  -T97           Must be a toxic substance causing
                             esophageal disorders


--- K224 ---

DSC   M  B572          B573  Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DS    M  C788                Site must be esophagus and/or stomach
DS    M  D377                Site must be esophagus
DS    M  T360 -T659          Must be a toxic substance causing
                             esophageal disorders
DS    M  T96  -T97           Must be a toxic substance causing
                             esophageal disorders


--- K225 ---

DSC   M  B572          B573  Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3


--- K226 ---

DSC   M  B572          B573  Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DS    M  C788                Site must be esophagus and/or stomach
DS    M  D377                Site must be esophagus


--- K228 ---

DS    M  A188                Suba must be tuberculous esophagitis
DSC   M  B572          B573  Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DS    M  C788                Addr must be hemorrhage; suba must be
                             stomach/esophagus
DS    M  D377                Addr must be hemorrhage; suba must be
                             esophagus
DSC   M  I859          I850  Addr must be hemorrhage esophagus
DS    M  K20  -K226          Addr must be hemorrhage
```

--- K228 ---
  CONTINUED

DS	M	T360	-T659	Addr must be hemorrhage; suba must be a toxic substance causing esophageal disorders
DS	M	T96	-T97	Addr must be hemorrhage; suba must be a toxic substance causing esophageal disorders

--- K229 ---

DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
SMP	M	C788		Sites in suba must be esophagus and/or cardia stomach
SMP	M	D001	-D002	Sites in suba must be esophagus and/or cardia stomach
SMP	M	D131		Site in suba must be cardia stomach
SMP	M	D371		Site in suba must be cardia stomach
SMP	M	D377		Site in suba must be esophagus

--- K250 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
LMC	M	K318	K252	Suba must be perforation/rupture stomach

--- K251 -K252 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K253 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
LMC	M	K318	K251	Suba must be perforation/rupture stomach

--- K254 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
LMC	M	K318	K256	Suba must be perforation/rupture stomach

--- K255 -K256 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K257 -K259 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
LMC	M	K318	K255	Suba must be perforation/rupture stomach

--- K260 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
LMC	M	K318	K262	Suba must be perforation/rupture stomach

--- K261 -K262 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

```
--- K263  ---

DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3
LMC   M  K318         K261   Suba must be perforation/rupture
                             stomach

--- K264  ---

DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3
LMC   M  K318         K266   Suba must be perforation/rupture
                             stomach

--- K265 -K266  ---

DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3

--- K267  ---

DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3
LMC   M  K318         K265   Suba must be perforation/rupture
                             stomach

--- K269  ---

DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3
LMC   M  K318         K265   Suba must be perforation/rupture
                             stomach
```

--- K269 ---
  CONTINUED
LMC   M K631   K265   Suba must be perforation/rupture of
                              duodenum

--- K270 ---

DSC   M B059   B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M B572   B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M B779   B770   Addr must have a modifier of ascariasis
                              in VOL3
LMC   M K318   K272   Suba must be perforation/rupture
                              stomach

--- K271 -K272 ---

DSC   M B059   B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M B572   B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M B779   B770   Addr must have a modifier of ascariasis
                              in VOL3

--- K273 ---

DSC   M B059   B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M B572   B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M B779   B770   Addr must have a modifier of ascariasis
                              in VOL3
LMC   M K318   K271   Suba must be perforation/rupture
                              stomach

--- K274 ---

DSC   M B059   B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M B572   B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M B779   B770   Addr must have a modifier of ascariasis
                              in VOL3
LMC   M K318   K276   Suba must be perforation/rupture
                              stomach

--- K275 -K276 ---

DSC   M B059   B054   Addr must have modifier of postmeasles
                              or measles in VOL3

--- K275 -K276 ---
  CONTINUED

DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K277 -K279 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
LMC	M	K318	K275	Suba must be perforation/rupture stomach

--- K280 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
LMC	M	K318	K282	Suba must be perforation/rupture stomach

--- K281 -K282 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K283 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
LMC	M	K318	K281	Suba must be perforation/rupture stomach

--- K284 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
LMC	M	K318	K286	Suba must be perforation/rupture stomach

--- K285 -K286 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K287 -K289 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
LMC	M	K318	K285	Suba must be perforation/rupture stomach

--- K290 -K291 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- K293 ---

| DSC | M | B24 | B201 | Addr must be caused by a bacterial organism |
| DSC | M | B24 | B203 | Addr must be caused by a viral organism |

--- K293 ---
  CONTINUED

DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- K294 -K296 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- K297 ---

SMP	M	A188		Suba must be tuberculous gastritis
DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- K298 -K299 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism

--- K298 -K299 ---
   CONTINUED

DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- K30   ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DS	M	C788		Suba must be stomach

--- K310 -K313 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K314   ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
SMP	M	Q402		Suba must be congenital gastric diverticulum

--- K315   ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DS	M	Q433		Suba must be small intestine
DS	M	Q438		Suba must be small intestine

--- K316 ---

```
DSC   M  B059          B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3
DS    M  C788                 Suba must be stomach
DS    M  D014                 Suba must be small intestine
```

--- K318 ---

```
DSC   M  B059          B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3
DS    M  C788                 Suba must be stomach
SDC   M  D649          D508   Addr must be achlorhydria
DSC   M  E100 -E105    E107   Addr must be gastroparesis
DS    M  E106 -E107           Addr must be gastroparesis
DSC   M  E108 -E109    E106   Addr must be gastroparesis
DSC   M  E110 -E115    E117   Addr must be gastroparesis
DS    M  E116 -E117           Addr must be gastroparesis
DSC   M  E118 -E119    E116   Addr must be gastroparesis
DSC   M  E120 -E125    E127   Addr must be gastroparesis
DS    M  E126 -E127           Addr must be gastroparesis
DSC   M  E128 -E129    E126   Addr must be gastroparesis
DSC   M  E130 -E135    E137   Addr must be gastroparesis
DS    M  E136 -E137           Addr must be gastroparesis
DSC   M  E138 -E139    E136   Addr must be gastroparesis
DSC   M  E140 -E145    E147   Addr must be gastroparesis
DS    M  E146 -E147           Addr must be gastroparesis
DSC   M  E148 -E149    E146   Addr must be gastroparesis
DSC   M  K250          K252   Addr must be perforation/rupture
                              stomach
DSC   M  K253          K251   Addr must be perforation/rupture
                              stomach
DSC   M  K254          K256   Addr must be perforation/rupture
                              stomach
DSC   M  K257 -K259    K255   Addr must be perforation/rupture
                              stomach
DSC   M  K260          K262   Addr must be perforation/rupture
                              stomach
DSC   M  K263          K261   Addr must be perforation/rupture
                              stomach
DSC   M  K264          K266   Addr must be perforation/rupture
                              stomach
DSC   M  K267 -K269    K265   Addr must be perforation/rupture
                              stomach
DSC   M  K270          K272   Addr must be perforation/rupture
                              stomach
```

```
--- K318  ---
  CONTINUED
DSC   M  K273          K271  Addr must be perforation/rupture
                             stomach
DSC   M  K274          K276  Addr must be perforation/rupture
                             stomach
DSC   M  K277 -K279    K275  Addr must be perforation/rupture
                             stomach
DSC   M  K280          K282  Addr must be perforation/rupture
                             stomach
DSC   M  K283          K281  Addr must be perforation/rupture
                             stomach
DSC   M  K284          K286  Addr must be perforation/rupture
                             stomach
DSC   M  K287 -K289    K285  Addr must be perforation/rupture
                             stomach


--- K319  ---

DSC   M  B059          B054  Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572          B573  Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779          B770  Addr must have a modifier of ascariasis
                             in VOL3
SMP   M  C784                Suba must be duodenum
SMP   M  C810 -C902          Suba must involve duodenum
SMP   M  D014                Suba must involve duodenum
SMP   M  K270 -K289          Suba must involve duodenum
SMP   M  K316 -K318          Suba must involve duodenum
SMP   M  K500 -K571          Suba must involve duodenum
SMP   M  K574 -K575          Suba must involve duodenum
SMP   M  K630                Suba must involve duodenum
SMP   M  Q438                Suba must involve duodenum


--- K3190 ---

DSC   M  B059          B054  Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572          B573  Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779          B770  Addr must have a modifier of ascariasis
                             in VOL3
SMP   M  C788                Suba must be stomach
SMP   M  C810 -C902          Suba must be stomach
SMP   M  K270 -K289          Suba must involve the stomach
SMP   M  K316 -K318          Suba must involve the stomach


--- K350  ---

DSC   M  B059          B054  Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572          B573  Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
```

TABLE F
REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

```
--- K350  ---
  CONTINUED
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3
DS    M  C180 -C181          Addr must be perforation/rupture of
                             cecum/appendix


--- K351  ---

DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3


--- K359  ---

DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3
LMP   M  K350                Suba must be rupture/perforation
                             appendix
LMP   M  K351                Suba must be abscess appendix
LMC   M  K650         K350   Suba must not be an abscess
LMC   M  K650         K351   Suba must be an abscess

--- K36   ---

DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3

--- K37   ---

SMP   M  A068                Suba must be amebic appendicitis
SMP   M  A183                Suba must be tuberculous appendicitis
DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3
LMP   M  K350                Suba must be rupture/perforation
                             appendix
LMP   M  K351                Suba must be abscess appendix
LMC   M  K650         K350   Suba must not be an abscess
```

```
--- K37   ---
  CONTINUED
LMC   M  K650         K351  Suba must be an abscess

--- K380 -K388  ---

DSC   M  B059         B054  Addr must have modifier of postmeasles
                            or measles in VOL3
DSC   M  B572         B573  Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3
DSC   M  B779         B770  Addr must have a modifier of ascariasis
                            in VOL3

--- K389  ---

DSC   M  B059         B054  Addr must have modifier of postmeasles
                            or measles in VOL3
DSC   M  B572         B573  Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3
DSC   M  B779         B770  Addr must have a modifier of ascariasis
                            in VOL3
SMP   M  C785               Suba must involve the appendix
SMP   M  D010               Suba must involve the appendix
SMP   M  Q438               Suba must involve the appendix

--- K400  ---

LMC   M  K550         K401  Suba must be gangrene
LMC   M  R02          K401  Suba must be gangrene of unspecified
                            site

--- K402  ---

LMC   M  K550         K401  Suba must be gangrene

--- K403  ---

LMC   M  K550         K404  Suba must be gangrene
LMC   M  R02          K404  Suba must be gangrene of unspecified
                            site

--- K409  ---

LMC   M  K550         K404  Suba must be gangrene
LMC   M  R02          K404  Suba must be gangrene of unspecified
                            site

--- K410  ---

LMC   M  K550         K411  Suba must be gangrene
LMC   M  R02          K411  Suba must be gangrene of unspecified
                            site
```

```
--- K412  ---

LMC    M  K550        K411   Suba must be gangrene
LMC    M  R02         K411   Suba must be gangrene of unspecified
                             site

--- K413  ---

LMC    M  K550        K414   Suba must be gangrene
LMC    M  R02         K414   Suba must be gangrene of unspecified
                             site

--- K419  ---

LMC    M  K550        K414   Suba must be gangrene
LMC    M  R02         K414   Suba must be gangrene of unspecified
                             site

--- K420  ---

LMC    M  K550        K421   Suba must be gangrene
LMC    M  R02         K421   Suba must be gangrene of unspecified
                             site

--- K429  ---

LMC    M  K550        K421   Suba must be gangrene
LMC    M  R02         K421   Suba must be gangrene of unspecified
                             site

--- K430  ---

LMC    M  K550        K431   Suba must be gangrene
LMC    M  R02         K431   Suba must be gangrene of unspecified
                             site

--- K439  ---

LMC    M  K550        K431   Suba must be gangrene
LMC    M  R02         K431   Suba must be gangrene of unspecified
                             site

--- K440  ---

LMC    M  K550        K441   Suba must be gangrene
LMC    M  R02         K441   Suba must be gangrene of unspecified
                             site
DS     M  T941               Suba must be gangrene of unspecified
                             site

--- K449  ---

LMC    M  K550        K441   Suba must be gangrene
LMC    M  R02         K441   Suba must be gangrene of unspecified
                             site
DS     M  T941               Suba must be gangrene of unspecified
                             site
```

```
--- K450  ---

LMC   M  K550        K451   Suba must be gangrene
LMC   M  R02         K451   Use with gonococcal pneumonia (broncho)
                            (lobar) only

--- K458  ---

LMC   M  K550        K451   Suba must be gangrene
LMC   M  R02         K451   Suba must be gangrene of unspecified
                            site

--- K460  ---

SMP   M  K400               Addr must be unspecified abdominal
                            hernia with obstruction
SMP   M  K403               Addr must be unspecified abdominal
                            hernia with obstruction
SMP   M  K410               Addr must be unspecified abdominal
                            hernia with obstruction
SMP   M  K413               Addr must be unspecified abdominal
                            hernia with obstruction
SMP   M  K420               Addr must be unspecified abdominal
                            hernia with obstruction
SMP   M  K430               Addr must be unspecified abdominal
                            hernia with obstruction
SMP   M  K440               Addr must be unspecified abdominal
                            hernia with obstruction
SMP   M  K450               Addr must be unspecified abdominal
                            hernia with obstruction
LMC   M  K550        K461   Suba must be gangrene
LMC   M  R02         K461   Suba must be gangrene of unspecified
                            site

--- K461  ---

SMP   M  K401               Addr must be unspecified abdominal
                            hernia with gangrene
SMP   M  K404               Addr must be unspecified abdominal
                            hernia with gangrene
SMP   M  K411               Addr must be unspecified abdominal
                            hernia with gangrene
SMP   M  K414               Addr must be unspecified abdominal
                            hernia with gangrene
SMP   M  K421               Addr must be unspecified abdominal
                            hernia with gangrene
SMP   M  K431               Suba must be unspecified abdominal
                            hernia with gangrene
SMP   M  K441               Suba must be unspecified abdominal
                            hernia with gangrene
SMP   M  K451               Suba must be unspecified abdominal
                            hernia with gangrene

--- K469  ---

LMC   M  K550        K461   Suba must be gangrene
```

--- K469 ---
  CONTINUED

SMP	M	Q792		Addr must be hernia NOS; suba must be omphalocele
LMC	M	R02	K461	Suba must be gangrene of unspecified site

--- K511 ---

DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K521 ---

DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K522 -K528 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K529 ---

SMP	M	A183		Conditions classified to addr qualified as tuberculous
SMP	M	A222		Suba must be anthrax colitis
DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
SMP	M	B378		Suba must be Candidal enteritis
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
SMP	M	B829		Suba must be parasitic enteritis
SMP	M	J108		Suba must be influenzal enteritis
SMP	M	J118		Suba must be influenzal enteritis
SMP	M	K318		Suba must be specified types of diarrhea, enteritis, gastroenteritis

--- K550 ---

DSC	M	K400	K401	Addr must be gangrene
DSC	M	K402	K401	Addr must be gangrene
DSC	M	K403	K404	Addr must be gangrene

--- K550 ---
  CONTINUED
```
DSC   M  K409          K404   Addr must be gangrene
DSC   M  K410          K411   Addr must be gangrene
DSC   M  K412          K411   Addr must be gangrene
DSC   M  K413          K414   Addr must be gangrene
DSC   M  K419          K414   Addr must be gangrene
DSC   M  K420          K421   Addr must be gangrene
DSC   M  K429          K421   Addr must be gangrene
DSC   M  K430          K431   Addr must be gangrene
DSC   M  K439          K431   Addr must be gangrene
DSC   M  K440          K441   Addr must be gangrene
DSC   M  K449          K441   Addr must be gangrene
DSC   M  K450          K451   Addr must be gangrene
DSC   M  K458          K451   Addr must be gangrene
DSC   M  K460          K461   Addr must be gangrene
DSC   M  K469          K461   Addr must be gangrene
LMP   M  K560 -K565           Addr must be gangrene intestine
LMP   M  K567                 Addr must be gangrene intestine
DS    M  Q458 -Q459           Suba must involve the intestines
```

--- K5500 ---

```
DS    M  A010                 Suba must be typhoid of heart valve(s)
DS    M  A188                 Suba must be tuberculosis of heart
                              valve(s)
DS    M  A520                 Suba must be syphilis of heart valve(s)
DS    M  D735                 Suba must be thrombosis spleen
DS    M  I269                 Suba must be thrombosis
DS    M  I423 -I424           Suba must be heart valve conditions
DS    M  I788                 Suba must be capillary thrombosis
DS    M  I831                 Suba must be varicose phlebitis
DS    M  M321                 Suba must be verrucous, lenta or
                              Libman-Sacks endocarditis
DS    M  N719                 Suba must be phlebitis uterus
```

--- K560 -K562 ---

```
DSC   M  B059          B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3
DS    M  C798                 Suba must be a secondary site within
                              the digestive system
DS    M  C810 -C969           Suba must involve the digestive system
```

--- K563 ---

```
DSC   M  B059          B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
```

```
--- K563  ---
  CONTINUED
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3


--- K564 -K565  ---

DSC   M  B059          B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3
DS    M  C798                 Suba must be a secondary site within
                              the digestive system
DS    M  C810 -C969           Suba must involve the digestive system

--- K566  ---

DSC   M  B059          B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3
DS    M  C798                 Suba must be a secondary site within
                              the digestive system
DS    M  C810 -C969           Suba must involve the digestive system
SMP   M  K315                 Addr must be intestinal obstruction NOS
SMP   M  K560 -K565           Addr must be intestinal obstruction NOS

--- K567  ---

DSC   M  B059          B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3
DS    M  C798                 Suba must be a secondary site within
                              the digestive system
DS    M  C810 -C969           Suba must involve the digestive system
SMP   M  K315                 Suba must be ileus
SMP   M  K560                 Suba must be ileus
SMP   M  K563                 Suba must be ileus
SMP   M  K566                 Suba must be ileus

--- K571  ---

LMC   M  K631          K570   Suba must be perforation of small bowel
```

```
                          TABLE F
        REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- K573  ---

LMC   M  K631          K572   Suba must be perforation of large
                              intestine

--- K580  ---

DSC   M  B059          B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M  B24           B201   Addr must be caused by a bacterial
                              organism
DSC   M  B24           B203   Addr must be caused by a viral organism
DSC   M  B24           B208   Causative organism of addr not reported
DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3
DSC   M  R75           B201   Addr must be caused by a bacterial
                              organism
DSC   M  R75           B203   Addr must be caused by a viral organism
DSC   M  R75           B208   Causative organism of addr not reported

--- K589  ---

DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3

--- K590 -K592  ---

DSC   M  B059          B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3
DS    M  C798                 Suba must be a secondary site within
                              the digestive system
DS    M  C810 -C969           Suba must involve the digestive system

--- K593  ---

DSC   M  B059          B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
SMP   M  B573                 Suba must be megacolon in Chagas
                              disease
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3
DS    M  C798                 Suba must be a secondary site within
                              the digestive system
```

```
--- K593  ---
  CONTINUED
DS    M  C810 -C969           Suba must involve the digestive system

--- K594 -K599  ---

DSC   M  B059          B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3
DS    M  C798                 Suba must be a secondary site within
                              the digestive system
DS    M  C810 -C969           Suba must involve the digestive system

--- K600 -K602  ---

DS    M  A183                 Suba must be tuberculosis anus and/or
                              rectum
DS    M  C445                 Suba must be anal margin, anal skin,
                              perianal skin
DS    M  C792                 Suba must be anal margin, anal skin,
                              perianal skin
DS    M  D377                 Suba must be anal canal, anal
                              sphincter, anus
DS    M  D485                 Suba must be anal margin, anal skin,
                              perianal skin

--- K603 -K605  ---

DS    M  A183                 Suba must be tuberculosis anus and/or
                              rectum
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3
DS    M  C445                 Suba must be anal margin, anal skin,
                              perianal skin
DS    M  C792                 Suba must be anal margin, anal skin,
                              perianal skin
DS    M  D377                 Suba must be anal canal, anal
                              sphincter, anus
DS    M  D485                 Suba must be anal margin, anal skin,
                              perianal skin

--- K610 -K614  ---

DSC   M  B24           B201   Addr must be caused by a bacterial
                              organism
DSC   M  B24           B203   Addr must be caused by a viral organism
DSC   M  B24           B208   Causative organism of addr not reported
DSC   M  R75           B201   Addr must be caused by a bacterial
                              organism
DSC   M  R75           B203   Addr must be caused by a viral organism
DSC   M  R75           B208   Causative organism of addr not reported
```

```
                            TABLE F
         REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- K622  ---

DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3

--- K623  ---

DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3
DSC   M  I842         I841   Addr must be prolapse rectum
DSC   M  I845         I844   Addr must be prolapse rectum
DSC   M  I849         I848   Addr must be prolapse rectum

--- K624  ---

DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3

--- K625  ---

DS    M  A183                Suba qualified as tuberculous
DSC   M  B059         B054   Addr must have modifier of postmeasles
                             or measles in VOL3
DS    M  B378                Suba must be Candidal enteritis
DS    M  B49                 Suba must be mycotic diarrhea
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DS    M  B650 -B659          Suba must involve the intestines
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3
DS    M  B908                Suba must be late effects of conditions
                             classifiable to A000-A09, and A183
DS    M  B948                Suba must be late effects of other
                             infectious conditions involving the
                             rectum and intestines
DS    M  C445                Suba must be anal margin, anal skin,
                             perianal skin
DS    M  D035                Suba must be anal margin, anal skin,
                             perianal skin
DS    M  D045                Suba must be anal margin, anal skin,
                             perianal skin
                       F-185  (10-04)
```

```
--- K625  ---
   CONTINUED
DS    M  D139                    Suba must involve the intestines
DS    M  D225                    Suba must be anal margin, anal skin,
                                 perianal skin
DS    M  D235                    Suba must be anal margin, anal skin,
                                 perianal skin
DS    M  D377                    Suba must be anal canal, anal
                                 sphincter, anus, intestine
DS    M  D485                    Suba must be anal margin, anal skin,
                                 perianal skin
DSC   M  I842          I841      Addr must be hemorrhage rectum
DSC   M  I845          I844      Addr must be hemorrhage rectum
DSC   M  I849          I848      Addr must be hemorrhage rectum


--- K626  ---

DSC   M  B059          B054      Addr must have modifier of postmeasles
                                 or measles in VOL3
DSC   M  B572          B573      Suba must be Chagas disease NOS; addr
                                 must have modifier of in Chagas disease
                                 in VOL3
DSC   M  B779          B770      Addr must have a modifier of ascariasis
                                 in VOL3
DSC   M  I842          I841      Addr must be ulcer rectum
DSC   M  I845          I844      Addr must be ulcer rectum
DSC   M  I849          I848      Addr must be ulcer rectum


--- K628  ---

SMP   M  A183                    Suba must be tuberculosis anus and/or
                                 rectum
DSC   M  B059          B054      Addr must have modifier of postmeasles
                                 or measles in VOL3
DSC   M  B24           B201      Addr must be an infectious condition
                                 caused by a bacterial organism
DSC   M  B24           B203      Addr must be an infectious condition
                                 caused by a viral organism
DSC   M  B24           B208      Addr must be an infectious condition
                                 with causative organism not reported
DSC   M  B572          B573      Suba must be Chagas disease NOS; addr
                                 must have modifier of in Chagas disease
                                 in VOL3
DSC   M  B779          B770      Addr must have a modifier of ascariasis
                                 in VOL3
DSC   M  R75           B201      Addr must be an infectious condition
                                 caused by a bacterial organism
DSC   M  R75           B203      Addr must be an infectious condition
                                 caused by a viral organism
DSC   M  R75           B208      Addr must be an infectious condition
                                 with causative organism not reported


--- K629  ---

DSC   M  B059          B054      Addr must have modifier of postmeasles
                                 or measles in VOL3
```

--- K629 ---
  CONTINUED

DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
SMP	M	K620		Addr must be disease anus
SMP	M	K621		Addr must be disease rectum
SMP	M	K622		Addr must be disease anus
SMP	M	K623		Addr must be disease rectum

--- K630 ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Addr must be an infectious condition with causative organism not reported
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Addr must be an infectious condition with causative organism not reported

--- K631 ---

DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DS	M	C798		Suba must be an abdominal or digestive organ
DS	M	C810 -C902		Suba must be an abdominal or digestive organ
DSC	M	K269	K265	Suba must be perforation/rupture of duodenum
LMC	M	K571	K570	Addr must be perforation of small bowel
LMC	M	K573	K572	Addr must be perforation of large bowel

--- K6310 ---

DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DS	M	C798		Suba must be an abdominal or digestive organ
DS	M	C810 -C902		Suba must be an abdominal or digestive organ

--- K632 ---

DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism

```
--- K632  ---
   CONTINUED
DSC   M  B24          B208    Addr must be an infectious condition
                              with causative organism not reported
DSC   M  B572         B573    Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  R75          B201    Addr must be caused by a bacterial
                              organism
DSC   M  R75          B203    Addr must be caused by a viral organism
DSC   M  R75          B208    Addr must be an infectious condition
                              with causative organism not reported

--- K633 -K634  ---

DSC   M  B572         B573    Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3

--- K638  ---

DSC   M  B24          B201    Addr must be an infectious condition
                              caused by a bacterial organism
DSC   M  B24          B203    Addr must be an infectious condition
                              caused by a viral organism
DSC   M  B24          B208    Addr must be an infectious condition
                              with causative organism not reported
DSC   M  B572         B573    Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  R75          B201    Addr must be an infectious condition
                              caused by a bacterial organism
DSC   M  R75          B203    Addr must be an infectious condition
                              caused by a viral organism
DSC   M  R75          B208    Addr must be an infectious condition
                              with causative organism not reported

--- K639  ---

SMP   M  A183                 Site in suba must be intestine
SMP   M  A527                 Site in suba must be intestine
SMP   M  B350 -B49            Suba must involve intestine
DSC   M  B572         B573    Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
SMP   M  B573                 Site in suba must be intestine
SMP   M  B650 -B839           Sites in suba must be intestine
SMP   M  B878                 Site in suba must be intestine
SMP   M  B908                 Suba must be late effects of
                              tuberculosis intestine
SMP   M  C810 -C902           Sites in suba must be intestine
SMP   M  K316 -K319           Sites in suba must be duodenum

--- K650  ---

SMP   M  A183                 Suba must be tuberculous/fibrocaseous
                              peritonitis
```

--- K650 ---
   CONTINUED

SMP	M	A368		Suba must be diphtheria peritonitis
SMP	M	A500		Suba must be early congenital syphilitic peritonitis
SMP	M	A527		Suba must be syphilitic peritonitis
SMP	M	A548		Suba must be gonococcal peritionitis
SMP	M	A748		Suba must be chlamydial peritonitis
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DS	M	C798		Suba must be an intraabdominal site
DS	M	C810 -C902		Suba must involve the digestive system
SMP	M	E850		Suba must be paroxysmal/periodic peritonitis
LMC	M	K359	K350	Addr must not be an abscess
LMC	M	K359	K351	Addr must be an abscess
LMC	M	K37	K350	Addr must not be an abscess
LMC	M	K37	K351	Addr must be an abscess
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported
DS	M	S310		Site in suba must be pelvic
DS	M	S317		Site in suba must be abdominal and/or pelvic
DS	M	S327 -S328		Sites in suba must be pelvic
DS	M	S357 -S359		Sites in suba must be abdominal and/or pelvic
DS	M	S381		Site in suba must be abdominal and/or pelvic
DS	M	S383		Site in suba must be abdominal and/or pelvic
DS	M	S390 -S399		Sites in suba must be abdominal and/or pelvic
DS	M	T912		Sites in suba must be abdominal and/or pelvic
DS	M	T915 -T919		Sites in suba must be abdominal and/or pelvic

--- K658 ---

SMP	M	A183		Suba must be tuberculous/fibrocaseous peritonitis
SMP	M	A368		Suba must be diphtheria peritonitis
SMP	M	A500		Suba must be early congenital syphilitic peritonitis
SMP	M	A527		Suba must be syphilitic peritonitis
SMP	M	A548		Suba must be gonococcal peritionitis
SMP	M	A748		Suba must be chlamydial peritonitis
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported

--- K658 ---
   CONTINUED

DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DS	M	C798		Suba must be an intraabdominal site
DS	M	C810 -C902		Suba must involve the digestive system
SMP	M	E850		Suba must be paroxysmal/periodic peritonitis
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported
DS	M	S310		Site in suba must be pelvic
DS	M	S317		Site in suba must be abdominal and/or pelvic
DS	M	S327 -S328		Sites in suba must be pelvic
DS	M	S357 -S359		Sites in suba must be abdominal and/or pelvic
DS	M	S381		Site in suba must be abdominal and/or pelvic
DS	M	S383		Site in suba must be abdominal and/or pelvic
DS	M	S390 -S399		Sites in suba must be abdominal and/or pelvic
DS	M	T912		Sites in suba must be abdominal and/or pelvic
DS	M	T915 -T919		Sites in suba must be abdominal and/or pelvic

--- K659 ---

SMP	M	A183		Suba must be tuberculous/fibrocaseous peritonitis
SMP	M	A368		Suba must be diphtheria peritonitis
SMP	M	A500		Suba must be early congenital syphilitic peritonitis
SMP	M	A527		Suba must be syphilitic peritonitis
SMP	M	A548		Suba must be gonococcal peritonitis
SMP	M	A748		Suba must be chlamydial peritonitis
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DS	M	C798		Suba must be an intraabdominal site
DS	M	C810 -C902		Suba must involve the digestive system
SMP	M	E850		Suba must be paroxysmal/periodic peritonitis
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported
DS	M	S310		Site in suba must be pelvic
DS	M	S317		Site in suba must be abdominal and/or pelvic
DS	M	S327 -S328		Sites in suba must be pelvic

--- K659 ---
  CONTINUED

DS	M	S357 -S359		Sites in suba must be abdominal and/or pelvic
DS	M	S381		Site in suba must be abdominal and/or pelvic
DS	M	S383		Site in suba must be abdominal and/or pelvic
DS	M	S390 -S399		Sites in suba must be abdominal and/or pelvic
DS	M	T912		Sites in suba must be abdominal and/or pelvic
DS	M	T915 -T919		Sites in suba must be abdominal and/or pelvic

--- K660 -K669 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K709 ---

SMC	M	K746	K703	Suba cannot be "non-alcoholic"
SMC	M	K759	K701	Suba must be hepatitis

--- K710 -K718 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K719 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
LMC	M	K720	K711	All conditions classifiable to suba except acute hepatitis
LMC	M	K720	K712	Suba must be acute hepatitis
LMC	M	K759	K716	Suba must be hepatitis
LMC	M	K759	K718	All conditions classifiable to suba except hepatitis

--- K720 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B159	B150	Addr must be hepatic coma
DSC	M	B161	B160	Addr must be hepatic coma
DSC	M	B169	B162	Addr must be hepatic coma
DSC	M	B199	B190	Addr must be hepatic coma
DSC	M	B24	B201	Addr must be acute hepatitis caused by a bacterial organism
DSC	M	B24	B238	Addr must be a non-infectious condition
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DS	M	C457		Must be only liver in suba
DS	M	D376		Must be only liver in suba
SMP	M	K704		Addr must be liver failure/hepatitis
DSC	M	K719	K712	Addr must be acute hepatitis
LMC	M	K719	K711	All conditions classifiable to addr except acute hepatitis
DSC	M	R75	B201	Addr must be acute hepatitis caused by a bacterial organism
DSC	M	R75	B238	Addr must be a non-infectious condition

--- K7200 ---

DS	M	A500		Suba must be congenital syphilitic hepatitis
DS	M	A505		Suba must be late congenital syphilitic hepatitis
DS	M	A514		Suba must be early secondary syphilitic hepatitis
DS	M	A527		Suba must be syphilitic hepatitis
DS	M	B008		Suba must be herpesviral (herpes simplex) hepatitis
DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B201	Addr must be acute hepatitis caused by a bacterial organism
DSC	M	B24	B238	Addr must be a non-infectious condition
DS	M	B268		Suba must be mumps hepatitis
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DS	M	B948		Suba must be late effects of different types of hepatitis caused by diseases in Chapter 01
DSC	M	R75	B201	Addr must be acute hepatitis caused by a bacterial organism
DSC	M	R75	B238	Addr must be a non-infectious condition
DS	M	S307 -S309		Sites in suba must be abdominal
DS	M	S317 -S318		Sites in suba must be abdominal
DS	M	S346 -S348		Site in suba must be abdominal

--- K7200 ---
   CONTINUED

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DS    M   S351 -S353              Sites in suba must be abdominal
DS    M   S357 -S359              Sites in suba must be abdominal
DS    M   S381                    Site in suba must be abdominal
DS    M   S383                    Site in suba must be abdominal
DS    M   S390 -S399              Sites in suba must be abdominal
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--- K721 ---

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DSC   M   B059          B054     Addr must have modifier of postmeasles
                                 or measles in VOL3
DSC   M   B159          B150     Addr must be hepatic coma
DSC   M   B161          B160     Addr must be hepatic coma
DSC   M   B169          B162     Addr must be hepatic coma
DSC   M   B199          B190     Addr must be hepatic coma
DSC   M   B24           B201     Addr must be acute hepatitis caused by
                                 a bacterial organism
DSC   M   B24           B238     Addr must be a non-infectious condition
DSC   M   B572          B573     Suba must be Chagas disease NOS; addr
                                 must have modifier of in Chagas disease
                                 in VOL3
DSC   M   B779          B770     Addr must have a modifier of ascariasis
                                 in VOL3
DS    M   C457                   Must be only liver in suba
DS    M   D376                   Must be only liver in suba
SMP   M   K704                   Addr must be liver failure/hepatitis
DSC   M   R75           B201     Addr must be acute hepatitis caused by
                                 a bacterial organism
DSC   M   R75           B238     Addr must be a non-infectious condition
```

--- K7210 ---

```
DS    M   A500                   Suba must be congenital syphilitic
                                 hepatitis
DS    M   A505                   Suba must be late congenital syphilitic
                                 hepatitis
DS    M   A514                   Suba must be early secondary syphilitic
                                 hepatitis
DS    M   A527                   Suba must be syphilitic hepatitis
DS    M   B008                   Suba must be herpesviral (herpes
                                 simplex) hepatitis
DSC   M   B059          B054     Addr must have modifier of postmeasles
                                 or measles in VOL3
DSC   M   B24           B201     Addr must be acute hepatitis caused by
                                 a bacterial organism
DSC   M   B24           B238     Addr must be a non-infectious condition
DS    M   B268                   Suba must be mumps hepatitis
DSC   M   B572          B573     Suba must be Chagas disease NOS; addr
                                 must have modifier of in Chagas disease
                                 in VOL3
DSC   M   B779          B770     Addr must have a modifier of ascariasis
                                 in VOL3
DS    M   B948                   Suba must be late effects of different
                                 types of hepatitis caused by diseases
                                 in Chapter 01
```

--- K7210 ---
    CONTINUED

DSC	M	R75	B201	Addr must be acute hepatitis caused by a bacterial organism
DSC	M	R75	B238	Addr must be a non-infectious condition
DS	M	S307 -S309		Sites in suba must be abdominal
DS	M	S317 -S318		Sites in suba must be abdominal
DS	M	S346 -S348		Site in suba must be abdominal
DS	M	S351 -S353		Sites in suba must be abdominal
DS	M	S357 -S359		Sites in suba must be abdominal
DS	M	S381		Site in suba must be abdominal
DS	M	S383		Site in suba must be abdominal
DS	M	S390 -S399		Sites in suba must be abdominal

--- K729 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B159	B150	Addr must be hepatic coma
DSC	M	B161	B160	Addr must be hepatic coma
DSC	M	B169	B162	Addr must be hepatic coma
DSC	M	B199	B190	Addr must be hepatic coma
DSC	M	B24	B201	Addr must be acute hepatitis caused by a bacterial organism
DSC	M	B24	B238	Addr must be a non-infectious condition
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DS	M	C457		Must be only liver in suba
DS	M	D376		Must be only liver in suba
SMP	M	K704		Addr must be liver failure/hepatitis
DSC	M	R75	B201	Addr must be acute hepatitis caused by a bacterial organism
DSC	M	R75	B238	Addr must be a non-infectious condition

--- K7290 ---

DS	M	A500		Suba must be congenital syphilitic hepatitis
DS	M	A505		Suba must be late congenital syphilitic hepatitis
DS	M	A514		Suba must be early secondary syphilitic hepatitis
DS	M	A527		Suba must be syphilitic hepatitis
DS	M	B008		Suba must be herpesviral (herpes simplex) hepatitis
DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B238	Suba must be a non-infectious condition
DS	M	B268		Suba must be mumps hepatitis
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K7290 ---
   CONTINUED

DS	M	B948		Suba must be late effects of different types of hepatitis caused by diseases in Chapter 01
DSC	M	R75	B238	Suba must be a non-infectious condition
DS	M	S307 -S309		Sites in suba must be abdominal
DS	M	S317 -S318		Sites in suba must be abdominal
DS	M	S346 -S348		Site in suba must be abdominal
DS	M	S351 -S353		Sites in suba must be abdominal
DS	M	S357 -S359		Sites in suba must be abdominal
DS	M	S381		Site in suba must be abdominal
DS	M	S383		Site in suba must be abdominal
DS	M	S390 -S399		Sites in suba must be abdominal

--- K730 -K739 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DS	M	C788		Suba must be liver, gallbladder, or bile ducts

--- K740 -K742 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K744 -K745 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K746 ---

SMP	M	A527		Addr must be unspecified cirrhosis; suba must be syphilitic cirrhosis
DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3

--- K746 ---
  CONTINUED

DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DSC	M	F100 -F109	K703	Addr cannot be "non-alcoholic"
SMC	M	G312	K703	Addr cannot be "non-alcoholic"
LMC	M	G405	K703	Suba must be qualified as alcoholic
SMC	M	G621	K703	Addr cannot be "non-alcoholic"
SMC	M	G721	K703	Addr cannot be "non-alcoholic"
SMC	M	I426	K703	Addr cannot be "non-alcoholic"
SMC	M	K292	K703	Addr cannot be "non-alcoholic"
SMP	M	K703		Addr cannot be "non-alcoholic"
SMP	M	K717		Addr must be unspecified cirrhosis; suba must be cirrhosis
SMP	M	K743 -K745		Addr must be unspecified cirrhosis
SMP	M	K761		Addr must be unspecified cirrhosis; suba must be stasis/cardiac cirrhosis
SMC	M	K860	K703	Addr cannot be "non-alcoholic"
SMC	M	R780	K703	Addr cannot be "non-alcoholic"

--- K750 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- K751 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DS	M	C457		Suba must be liver
DS	M	D376		Suba must be liver
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- K752 -K753 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- K758 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- K759 ---

SMP	M	A188		Suba must be tuberculous hepatitis
SMP	M	A500		Suba must be early congenital syphilitic hepatitis
SMP	M	A505		Suba must be late congenital syphilitic hepatitis
SMP	M	A514		Suba must be secondary syphilitic hepatitis
SMP	M	A527		Suba must be syphilitic hepatitis
SMP	M	B008		Suba must be herpesviral hepatitis
DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B24	B201	Addr must be caused by a bacterial organism
DSC	M	B24	B203	Addr must be caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
SMP	M	B268		Suba must be mumps hepatitis
SMP	M	B338		Suba must be coxsackie hepatitis

--- K759 ---
CONTINUED

DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
SMP	M	K720 -K729		Suba must be hepatitis
SMP	M	K746		Suba must be interstitial (chronic) hepatitis
DSC	M	R75	B201	Addr must be caused by a bacterial organism
DSC	M	R75	B203	Addr must be caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- K760 -K765 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3

--- K766 -K767 ---

DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DS	M	C457		Suba must be liver
DS	M	D376		Suba must be liver

--- K768 ---

DS	M	A064		Addr must be hemorrhage liver
DS	M	A188		Addr must be hemorrhage liver; suba must be tuberculosis liver
DS	M	A527		Addr must be hemorrhage liver; suba must be syphilis liver
DS	M	A950 -A959		Addr must be hemorrhage liver
DS	M	B008		Addr must be hemorrhage liver; suba must be herpesviral hepatitis
DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
DS	M	B150 -B199		Addr must be hemorrhage liver
DS	M	B251		Addr must be hemorrhage liver
DS	M	B268		Suba must be mumps hepatitis
DS	M	B270 -B279		Addr must be hemorrhage liver
DS	M	B338		Addr must be hemorrhage liver; suba must be coxsackie hepatitis
DS	M	B500 -B529		Addr must be hemorrhage liver

--- K768 ---
  CONTINUED

DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DS	M	B581		Addr must be hemorrhage liver
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
DS	M	B908		Addr must be hemorrhage liver; suba must late effects of tuberculosis liver
DS	M	B942		Addr must be hemorrhage liver
DS	M	B948		Addr must be hemorrhage liver; suba must be late effects of conditions classifiable to Chapter 01 involving the liver
DS	M	C150 -C269		Addr must be hemorrhage liver
DS	M	C762		Addr must be hemorrhage liver
DS	M	C784 -C788		Addr must be hemorrhage liver
DS	M	C798		Addr must be hemorrhage liver; suba must involve the GI tract
DS	M	C810 -C969		Addr must be hemorrhage liver; suba must involve the GI tract
DS	M	D000 -D019		Addr must be hemorrhage liver
DS	M	D120 -D139		Addr must be hemorrhage liver
DS	M	D371 -D379		Addr must be hemorrhage liver
DSC	M	E859	E854	Addr must be degeneration liver
DS	M	K700 -K718		Addr must be hemorrhage liver
DS	M	K720 -K767		Addr must be hemorrhage liver
DS	M	K800 -K839		Addr must be hemorrhage liver

--- K769 ---

SMP	M	A188		Suba must be tuberculosis liver
SMP	M	A500		Suba must be early congenital syphilis liver
SMP	M	A505		Suba must be late congenital syphilis liver
SMP	M	A514		Suba must be secondary syphilis liver
SMP	M	A527		Suba must be syphilis liver
SMP	M	B008		Suba must be herpesviral hepatitis
DSC	M	B059	B054	Addr must have modifier of postmeasles or measles in VOL3
SMP	M	B268		Suba must be mumps hepatitis
SMP	M	B338		Suba must be coxsackie hepatitis
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
SMP	M	B573		Suba must be Chagas disease with liver involvement
SMP	M	B650 -B659		Suba must involve the liver
DSC	M	B779	B770	Addr must have a modifier of ascariasis in VOL3
SMP	M	B838		Suba must involve the liver
SMP	M	E740		Suba must be liver disease in glycogen storage dis

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                              TABLE F
          REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- K810 -K819  ---

DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported

--- K820 -K829  ---

DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3

--- K830  ---

DSC   M  B24          B201   Addr must be caused by a bacterial
                             organism
DSC   M  B24          B203   Addr must be caused by a viral organism
DSC   M  B24          B208   Causative organism of addr not reported
DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3
DSC   M  R75          B201   Addr must be caused by a bacterial
                             organism
DSC   M  R75          B203   Addr must be caused by a viral organism
DSC   M  R75          B208   Causative organism of addr not reported

--- K831 -K838  ---

DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3

--- K839  ---

DSC   M  B572         B573   Suba must be Chagas disease NOS; addr
                             must have modifier of in Chagas disease
                             in VOL3
DSC   M  B779         B770   Addr must have a modifier of ascariasis
                             in VOL3
SMP   M  C788                Site in suba must be biliary tract

--- K85   ---

SMP   M  A527                Addr must be pancreatitis; suba must be
                             syphilitic pancreatitis
```

```
--- K85  ---
   CONTINUED
DSC   M  B059        B054   Addr must have modifier of postmeasles
                            or measles in VOL3
DSC   M  B24         B201   Addr must be caused by a bacterial
                            organism
DSC   M  B24         B203   Addr must be caused by a viral organism
DSC   M  B24         B208   Causative organism of addr not reported
SMP   M  B252               Addr must be pancreatitis
SMP   M  B263               Addr must be pancreatitis
DSC   M  B572        B573   Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3
DSC   M  B779        B770   Addr must have a modifier of ascariasis
                            in VOL3
DS    M  I748               Suba must be pancreatic emboli
DSC   M  R75         B201   Addr must be caused by a bacterial
                            organism
DSC   M  R75         B203   Addr must be caused by a viral organism
DSC   M  R75         B208   Causative organism of addr not reported

--- K861 ---

DSC   M  B059        B054   Addr must have modifier of postmeasles
                            or measles in VOL3
DSC   M  B24         B201   Addr must be caused by a bacterial
                            organism
DSC   M  B24         B203   Addr must be caused by a viral organism
DSC   M  B24         B208   Causative organism of addr not reported
DSC   M  B572        B573   Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3
DSC   M  B779        B770   Addr must have a modifier of ascariasis
                            in VOL3
DSC   M  R75         B201   Addr must be caused by a bacterial
                            organism
DSC   M  R75         B203   Addr must be caused by a viral organism
DSC   M  R75         B208   Causative organism of addr not reported

--- K862 ---

DSC   M  B059        B054   Addr must have modifier of postmeasles
                            or measles in VOL3
DSC   M  B572        B573   Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3
DSC   M  B779        B770   Addr must have a modifier of ascariasis
                            in VOL3
DS    M  C788               Suba must be pancreas

--- K863 ---

DSC   M  B059        B054   Addr must have modifier of postmeasles
                            or measles in VOL3
DSC   M  B572        B573   Suba must be Chagas disease NOS; addr
                            must have modifier of in Chagas disease
                            in VOL3
```

```
--- K863  ---
  CONTINUED
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3
DS    M  D017                 Suba must be pancreas
DS    M  D377                 Suba must be pancreas

--- K868  ---

DSC   M  B059          B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3
DS    M  C788                 Suba must be pancreas
DS    M  D017                 Suba must be pancreas
DS    M  D377                 Suba must be pancreas

--- K869  ---

DSC   M  B059          B054   Addr must have modifier of postmeasles
                              or measles in VOL3
DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3
DSC   M  B779          B770   Addr must have a modifier of ascariasis
                              in VOL3
SMP   M  C788                 Site in suba must be pancreas
SMP   M  D017                 Site in suba must be pancreas
SMP   M  D377                 Site in suba must be pancreas

--- K903 -K909  ---

DSC   M  B572          B573   Suba must be Chagas disease NOS; addr
                              must have modifier of in Chagas disease
                              in VOL3

--- K910  ---

DS    M  Y830                 Surgery must be gastrointestional or
                              surgery NOS
DS    M  Y831 -Y834           Suba must be GI surgery
DS    M  Y836 -Y839           Suba must be GI surgery
DS    M  Y883                 Surgery must be gastrointestional or
                              surgery NOS

--- K911  ---

DS    M  Y831 -Y834           Suba must be GI surgery
DS    M  Y836 -Y839           Suba must be GI surgery
DS    M  Y883                 Surgery must be gastric or surgery NOS
```

--- K912 ---

DS	M	Y830		Surgery must be gastrointestional or surgery NOS
DS	M	Y831 -Y834		Suba must be GI surgery
DS	M	Y836 -Y839		Suba must be GI surgery
DS	M	Y883		Surgery must be gastrointestional or surgery NOS

--- K913 ---

DS	M	Y883		Surgery must be the procedure

--- K914 ---

DS	M	Y833		Surgery must be a colostomy or enterostomy or stoma NOS
DS	M	Y883		Surgery must be a colostomy or enterostomy or stoma NOS

--- K915 ---

DS	M	Y883		Surgery must be a cholecystectomy

--- K920 -K921 ---

DS	M	A188		Suba must be tuberculous esophagitis
DS	M	A527		Suba must involve the GI tract
DS	M	A548		Suba must involve the GI tract
DS	M	A748		Suba must involve the GI tract
DS	M	B350 -B54		Suba must involve the GI tract
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DS	M	B650 -B659		Suba must involve the GI tract
DS	M	B878		Suba must involve the GI tract
DS	M	B908		Suba must involve the GI tract
DS	M	C798		Suba must involve the GI tract
DS	M	C810 -C969		Suba must involve the GI tract

--- K922 ---

DS	M	A188		Suba must be tuberculous esophagitis
DS	M	A527		Suba must involve the GI tract
DS	M	A548		Suba must involve the GI tract
DS	M	A748		Suba must involve the GI tract
DS	M	B350 -B54		Suba must involve the GI tract
DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3
DS	M	B650 -B659		Suba must involve the GI tract
DS	M	B878		Suba must involve the GI tract
DS	M	B908		Suba must involve the GI tract
DS	M	C798		Suba must involve the GI tract
DS	M	C810 -C969		Suba must involve the GI tract
SMP	M	K768		Suba must be hemorrhage
SMP	M	K868		Suba must be hemorrhage

--- K928 -K929 ---

DSC	M	B572	B573	Suba must be Chagas disease NOS; addr must have modifier of in Chagas disease in VOL3

--- L00   ---

DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- L020 -L029 ---

DSC	M	A061	A064	Addr must be an abscess
DSC	M	A069	A064	Addr must be an abscess
DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- L031 -L039 ---

DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	R75	B208	Causative organism of addr not reported

--- L080 -L088 ---

DSC	M	I830	I832	Addr must be dermatitis
DSC	M	I839	I831	Addr must be dermatitis

--- L089 ---

DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism

--- L089 ---
  CONTINUED
DSC   M B24   B203   Addr must be an infectious condition
                           caused by a viral organism
DSC   M B24   B208   Causative organism of addr not reported
DSC   M I830   I832   Addr must be dermatitis
DSC   M I839   I831   Addr must be dermatitis
DSC   M R75   B201   Addr must be an infectious condition
                           caused by a bacterial organism
DSC   M R75   B203   Addr must be an infectious condition
                           caused by a viral organism
DSC   M R75   B208   Causative organism of addr not reported

--- L280 ---

DSC   M E859   E854   Addr must be lichen

--- L958 -L959 ---

DSC   M B24   B201   Addr must be caused by a bacterial
                           organism
DSC   M B24   B203   Addr must be caused by a viral organism
DSC   M B24   B208   Causative organism of addr not reported
DSC   M R75   B201   Addr must be caused by a bacterial
                           organism
DSC   M R75   B203   Addr must be caused by a viral organism
DSC   M R75   B208   Causative organism of addr not reported

--- L984 ---

DSC   M I831   I832   Addr must be ulcer skin
DSC   M I839   I830   Addr must be ulcer skin

--- L988 ---

DSC   M E859   E854   Addr must be degeneration skin

--- M000 -M009 ---

DSC   M B24   B201   Addr must be an infectious condition
                           caused by a bacterial organism
DSC   M B24   B203   Addr must be an infectious condition
                           caused by a viral organism
DSC   M B24   B208   Addr must be an infectious condition
                           with causative organism not reported
DSC   M R75   B201   Addr must be an infectious condition
                           caused by a bacterial organism
DSC   M R75   B203   Addr must be an infectious condition
                           caused by a viral organism
DSC   M R75   B208   Addr must be an infectious condition
                           with causative organism not reported

--- M022 ---

DSC   M B24   B201   Addr must be an infectious condition
                           caused by a bacterial organism

--- M022 ---
  CONTINUED

DSC	M	B24	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	B24	B208	Addr must be an infectious condition with causative organism not reported
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	R75	B208	Addr must be an infectious condition with causative organism not reported

--- M028 -M029 ---

DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	B24	B208	Addr must be an infectious condition with causative organism not reported
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	R75	B208	Addr must be an infectious condition with causative organism not reported

--- M069 ---

LMC	M	G629	M053	Rheumatoid arthritis with polyneuropathy
LMC	M	I319	M053	Rheumatoid arthritis with pericarditis
LMC	M	I38	M053	Rheumatoid arthritis with endocarditis only in suba
LMC	M	I514	M053	Rheumatoid arthritis with myocarditis
LMC	M	I776	M052	Rheumatoid arthritis with vasculitis
LMC	M	M436	M068	Rheumatoid arthritis with torticollis

--- M084 -M089 ---

DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	B24	B208	Addr must be an infectious condition with causative organism not reported
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	R75	B208	Addr must be an infectious condition with causative organism not reported

--- M110 -M119 ---

DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	B24	B208	Addr must be an infectious condition with causative organism not reported
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	R75	B208	Addr must be an infectious condition with causative organism not reported

--- M121 -M124 ---

DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	B24	B208	Addr must be an infectious condition with causative organism not reported
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	R75	B208	Addr must be an infectious condition with causative organism not reported

--- M128 -M138 ---

DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	B24	B208	Addr must be an infectious condition with causative organism not reported
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	R75	B208	Addr must be an infectious condition with causative organism not reported

--- M139 ---

SMP	M	A022	Arthritis (arthropathy) with salmonella arthritis (arthropathy)
SMP	M	A180	Arthritis (arthropathy) with tuberculous (spine) arthritis (arthropathy)
SMP	M	A251	Arthritis (arthropathy) with epidemic erythema arthritis (arthropathy)
SMP	M	A398	Arthritis (arthropathy) with postmeningococcal arthritis (arthropathy)

--- M139 ---
  CONTINUED

SMP	M	A521		Arthritis (arthropathy) with Charcots or syphilitic arthritis (arthropathy)
SMP	M	A544		Arthritis (arthropathy) with gonococcal or blennorrhagic arthritis (arthropathy)
SMP	M	B068		Arthritis (arthropathy) with rubella arthritis (arthropathy)
DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	B24	B208	Addr must be an infectious condition with causative organism not reported
SMP	M	B49		Arthritis (arthropathy) with mycotic arthritis (arthropathy)
SMP	M	B749		Arthritis (arthropathy) with chylous arthritis (arthropathy)
SMP	M	E702		Arthritis (arthropathy) with ochronotic arthritis (arthropathy)
SMP	M	I00		Arthritis (arthropathy) with febrile arthritis (arthropathy)
SMP	M	L405		Arthritis (arthropathy) with psoriatic arthritis (arthropathy)
SMP	M	M199 -M1990		Arthritis (arthropathy) NOS with atrophic arthritis (arthropathy)
SMP	M	M45		Arthritis (arthropathy) with rheumatoid spine arthritis (arthropathy)
SMP	M	M465		Arthritis (arthropathy) with infectious spine or pyogenic spine arthritis (arthropathy)
SMP	M	M469		Arthritis (arthropathy) NOS with back or spine arthritis (arthropathy)
SMP	M	M483		Arthritis (arthropathy) with traumatic spine arthritis (arthropathy)
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	R75	B208	Addr must be an infectious condition with causative organism not reported

--- M152 ---

DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	B24	B208	Addr must be an infectious condition with causative organism not reported
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B203	Addr must be an infectious condition caused by a viral organism
DSC	M	R75	B208	Addr must be an infectious condition with causative organism not reported

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                          TABLE F
       REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- M154 -M158  ---

DSC   M  B24        B201   Addr must be an infectious condition
                           caused by a bacterial organism
DSC   M  B24        B203   Addr must be an infectious condition
                           caused by a viral organism
DSC   M  B24        B208   Addr must be an infectious condition
                           with causative organism not reported
DSC   M  R75        B201   Addr must be an infectious condition
                           caused by a bacterial organism
DSC   M  R75        B203   Addr must be an infectious condition
                           caused by a viral organism
DSC   M  R75        B208   Addr must be an infectious condition
                           with causative organism not reported

--- M162 -M163  ---

DSC   M  B24        B201   Addr must be an infectious condition
                           caused by a bacterial organism
DSC   M  B24        B203   Addr must be an infectious condition
                           caused by a viral organism
DSC   M  B24        B208   Addr must be an infectious condition
                           with causative organism not reported
DSC   M  R75        B201   Addr must be an infectious condition
                           caused by a bacterial organism
DSC   M  R75        B203   Addr must be an infectious condition
                           caused by a viral organism
DSC   M  R75        B208   Addr must be an infectious condition
                           with causative organism not reported

--- M300 -M302  ---

DSC   M  B24        B201   Addr must be an infectious condition
                           caused by a bacterial organism
DSC   M  B24        B203   Addr must be an infectious condition
                           caused by a viral organism
DSC   M  B24        B208   Addr must be an infectious condition
                           with causative organism not reported
DSC   M  R75        B201   Addr must be an infectious condition
                           caused by a bacterial organism
DSC   M  R75        B203   Addr must be an infectious condition
                           caused by a viral organism
DSC   M  R75        B208   Addr must be an infectious condition
                           with causative organism not reported

--- M308  ---

DSC   M  B24        B201   Addr must be an infectious condition
                           caused by a bacterial organism
DSC   M  B24        B203   Addr must be an infectious condition
                           caused by a viral organism
DSC   M  B24        B208   Addr must be an infectious condition
                           with causative organism not reported
DSC   M  R75        B201   Addr must be an infectious condition
                           caused by a bacterial organism
DSC   M  R75        B203   Addr must be an infectious condition
                           caused by a viral organism
```

--- M308 ---
  CONTINUED

| DSC | M | R75 | | B208 | Addr must be an infectious condition with causative organism not reported |

--- M354 ---

DSC	M	B24		B201	Addr must be caused by a bacterial organism
DSC	M	B24		B203	Addr must be caused by a viral organism
DSC	M	B24		B208	Causative organism of addr not reported
DSC	M	R75		B201	Addr must be caused by a bacterial organism
DSC	M	R75		B203	Addr must be caused by a viral organism
DSC	M	R75		B208	Causative organism of addr not reported

--- M402 ---

| SMP | M | M400 -M401 | | | Use with kyphosis NOS only |

--- M419 ---

| SMP | M | A180 | | | Use tuberculous scoliosis only |

--- M436 ---

| DSC | M | M069 | | M068 | Rheumatoid arthritis with torticollis |

--- M460 -M469 ---

DSC	M	B24		B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24		B203	Addr must be an infectious condition caused by a viral organism
DSC	M	B24		B208	Addr must be an infectious condition with causative organism not reported
DSC	M	R75		B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75		B203	Addr must be an infectious condition caused by a viral organism
DSC	M	R75		B208	Addr must be an infectious condition with causative organism not reported

--- M471 -M472 ---

DSC	M	B24		B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24		B203	Addr must be an infectious condition caused by a viral organism
DSC	M	B24		B208	Addr must be an infectious condition with causative organism not reported
DSC	M	R75		B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75		B203	Addr must be an infectious condition caused by a viral organism
DSC	M	R75		B208	Addr must be an infectious condition with causative organism not reported

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--- M478 -M479  ---

LMC    M  G959          M471   Term in suba must be myelopathy
LMC    M  M541          M472   Term in suba must be radiculopathy

--- M502 -M509  ---

LMC    M  G959          M500   Term in suba must be myelopathy
LMC    M  M541          M501   Term in suba must be radiculitis or
                               radiculopathy
LMC    M  M792          M501   Term in suba must be neuritis

--- M512 -M513  ---

LMC    M  G959          M510   Term in suba must be myelopathy
LMC    M  M541          M511   Term in suba must be radiculitis or
                               radiculopathy
LMC    M  M792          M511   Term in suba must be neuritis

--- M518  ---

LMC    M  G959          M510   Term in suba must be myelopathy
LMC    M  M541          M511   Term in suba must be radiculitis or
                               radiculopathy
LMC    M  M792          M511   Term in suba must be neuritis

--- M519  ---

SMP    M  C795                 Suba must be intervertebral disk or
                               vertebra
SMP    M  D480                 Suba must be intervertebral disk or
                               vertebra
LMC    M  G959          M510   Term in suba must be myelopathy
LMC    M  M541          M511   Term in suba must be radiculitis or
                               radiculopathy
LMC    M  M792          M511   Term in suba must be neuritis

--- M541  ---

DSC    M  M478 -M479    M472   Term in addr must be radiculopathy
DSC    M  M502          M501   Term in suba must be radiculitis or
                               radiculopathy
DSC    M  M503 -M509    M501   Term in addr must be radiculitis or
                               radiculopathy
DSC    M  M512 -M513    M511   Term in addr must be radiculitis or
                               radiculopathy
DSC    M  M518 -M519    M511   Term in addr must be radiculitis or
                               radiculopathy

--- M543  ---

LMC    M  M545          M544   Suba must be lumbago

--- M545  ---

LMC    M  M543          M544   Suba must be lumbago
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                            TABLE F
           REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- M679  ---

SMP   M  C499                      Suba must be synovium or tendon
SMP   M  C798                      Suba must be synovium or tendon

--- M720 -M729  ---

DSC   M  B24           B201   Addr must be an infectious condition
                              caused by a bacterial organism
DSC   M  B24           B203   Addr must be an infectious condition
                              caused by a viral organism
DSC   M  B24           B208   Addr must be an infectious condition
                              with causative organism not reported
DSC   M  R75           B201   Addr must be an infectious condition
                              caused by a bacterial organism
DSC   M  R75           B203   Addr must be an infectious condition
                              caused by a viral organism
DSC   M  R75           B208   Addr must be an infectious condition
                              with causative organism not reported

--- M792  ---

DSC   M  M502 -M509   M501   Term in addr must be neuritis
DSC   M  M512 -M513   M511   Term in addr must be neuritis
DSC   M  M518 -M519   M511   Term in addr must be neuritis

--- M860 -M865   ---

DSC   M  B24           B201   Addr must be caused by a bacterial
                              organism
DSC   M  B24           B203   Addr must be caused by a viral organism
DSC   M  B24           B208   Causative organism of addr not reported
DSC   M  R75           B201   Addr must be caused by a bacterial
                              organism
DSC   M  R75           B203   Addr must be caused by a viral organism
DSC   M  R75           B208   Causative organism of addr not reported

--- M866  ---

DSC   M  B24           B201   Addr must be caused by a bacterial
                              organism
DSC   M  B24           B203   Addr must be caused by a viral organism
DSC   M  B24           B208   Causative organism of addr not reported
LMC   M  M898          M864   Use only chronic osteomyelitis in addr
                              with fistula in suba
DSC   M  R75           B201   Addr must be caused by a bacterial
                              organism
DSC   M  R75           B203   Addr must be caused by a viral organism
DSC   M  R75           B208   Causative organism of addr not reported

--- M868  ---

DSC   M  B24           B201   Addr must be caused by a bacterial
                              organism
DSC   M  B24           B203   Addr must be caused by a viral organism
DSC   M  B24           B208   Causative organism of addr not reported
```

```
--- M868 ---
   CONTINUED
DSC   M   R75          B201   Addr must be caused by a bacterial
                              organism
DSC   M   R75          B203   Addr must be caused by a viral organism
DSC   M   R75          B208   Causative organism of addr not reported

--- M869 ---

SMP   M   A010                Osteomyelitis with typhoid
                              osteomyelitis only
SMP   M   A022                Osteomyelitis with salmonella
                              osteomyelitis only
SMP   M   A180                Osteomyelitis with tuberculous
                              osteomyelitis only
SMP   M   A527                Osteomyelitis with syphilitic
                              osteomyelitis only
SMP   M   A544                Osteomyelitis with gonococcal
                              osteomyelitis only
DSC   M   B24          B201   Addr must be caused by a bacterial
                              organism
DSC   M   B24          B203   Addr must be caused by a viral organism
DSC   M   B24          B208   Causative organism of addr not reported
DSC   M   R75          B201   Addr must be caused by a bacterial
                              organism
DSC   M   R75          B203   Addr must be caused by a viral organism
DSC   M   R75          B208   Causative organism of addr not reported

--- M899 ---

DSC   M   E100 -E105   E107   Addr must be bone change.
DS    M   E106 -E107          Addr must be bone change.
DSC   M   E109         E106   Addr must be bone change.
DSC   M   E110 -E115   E117   Addr must be bone change.
DS    M   E116 -E117          Addr must be bone change.
DSC   M   E119         E116   Addr must be bone change.
DSC   M   E120 -E125   E127   Addr must be bone change.
DS    M   E126 -E127          Addr must be bone change.
DSC   M   E129         E126   Addr must be bone change.
DSC   M   E130 -E135   E137   Addr must be bone change.
DS    M   E136 -E137          Addr must be bone change.
DSC   M   E139         E136   Addr must be bone change.
DSC   M   E140 -E145   E147   Addr must be bone change.
DS    M   E146 -E147          Addr must be bone change.
DSC   M   E149         E146   Addr must be bone change.
SMP   M   Q799                Use anomaly or congenital deformity of
                              bone in suba only

--- M939 ---

SMP   M   A500                Suba must be congenital syphilitic,
                              osteochondritis, osteochrondrosis,
                              osteochrondopathy
SMP   M   A505                Suba must be late congenital syphilitic
                              osteochrondritis, osteochrondrosis,
                              osteochrondopathy
```

```
                          TABLE F
         REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- M960  ---

DS     M  Y834                     Procedure must be fusion or arthrodesis
DS     M  Y836 -Y838               Procedure must be fusion or arthrodesis
DS     M  Y883                     Procedure must be fusion or arthrodesis

--- M961  ---

DS     M  Y883                     Surgery must be a laminectomy

--- M962  ---

DS     M  Y883                     Procedure must be radiation

--- M963  ---

DS     M  Y883                     Surgery must be a laminectomy

--- M964  ---

DS     M  Y834                     Procedure must be fusion or arthrodesis
DS     M  Y836 -Y838               Procedure must be fusion or arthrodesis
DS     M  Y883                     Procedure must be fusion or arthrodesis

--- M965  ---

DS     M  Y883                     Procedure must be radiation

--- M966  ---

DS     M  Y831 -Y832               Surgery must be an orthopedic implant,
                                   joint prosthesis or bone
DS     M  Y883                     Surgery must be an orthopedic implant,
                                   joint prosthesis or bone

--- N000 -N019  ---

DSC    M  B24          B201  Addr must be an infectious condition
                             caused by a bacterial organism
DSC    M  B24          B208  Causative organism of addr not reported
DSC    M  R75          B201  Addr must be an infectious condition
                             caused by a bacterial organism
DSC    M  R75          B208  Causative organism of addr not reported

--- N028  ---

LMP    M  N021 -N023         Addr must be IGA nephropathy
LMP    M  N025              Addr must be IGA nephropathy

--- N030 -N038  ---

DSC    M  B24          B201  Addr must be an infectious condition
                             caused by a bacterial organism
DSC    M  B24          B208  Causative organism of addr not reported
DSC    M  R75          B201  Addr must be an infectious condition
                             caused by a bacterial organism
DSC    M  R75          B208  Causative organism of addr not reported
```

```
--- N039  ---

DSC   M  B24          B201   Addr must be an infectious condition
                             caused by a bacterial organism
DSC   M  B24          B208   Causative organism of addr not reported
SMP   M  N200 -N209          Suba must be chronic calculus nephritis
DSC   M  R75          B201   Addr must be an infectious condition
                             caused by a bacterial organism
DSC   M  R75          B208   Causative organism of addr not reported

--- N050  ---

SMP   M  A181                Suba must be tuberculous nephritis
SMP   M  A505                Suba must have mention of nephritis
SMP   M  A514                Suba must have mention of nephritis
SMP   M  A527                Suba must have mention of nephritis
SMP   M  A542                Suba must be gonococcal nephritis
DSC   M  B24          B201   Addr must be an infectious condition
                             caused by a bacterial organism
DSC   M  B24          B208   Causative organism of addr not reported
SMP   M  E102                Suba must be diabetic nephritis
SMP   M  E112                Suba must be diabetic nephritis
SMP   M  E122                Suba must be diabetic nephritis
SMP   M  E132                Suba must be diabetic nephritis
SMP   M  E142                Suba must be diabetic nephritis
SMP   M  E854                Suba must be amyloid nephritis
SMP   M  M103                Suba must have mention of nephritis
SMP   M  M310                Suba must have mention of nephritis
SMP   M  N060 -N079          Suba must be a type of nephritis
SMP   M  N10  -N12           Addr must be a type of nephritis
SMP   M  N189                Suba must be a type of nephritis
SMP   M  N26                 Suba must be a type of nephritis
SMP   M  N288                Suba must be salt losing/salt wasting
                             nephritis
DSC   M  R75          B201   Addr must be an infectious condition
                             caused by a bacterial organism
DSC   M  R75          B208   Causative organism of addr not reported

--- N051 -N058  ---

DSC   M  B24          B201   Addr must be an infectious condition
                             caused by a bacterial organism
DSC   M  B24          B208   Causative organism of addr not reported
DSC   M  R75          B201   Addr must be an infectious condition
                             caused by a bacterial organism
DSC   M  R75          B208   Causative organism of addr not reported

--- N059  ---

SMP   M  A181                Suba must be tuberculous nephritis
SMP   M  A505                Suba must have mention of nephritis
SMP   M  A514                Suba must have mention of nephritis
SMP   M  A527                Suba must have mention of nephritis
SMP   M  A542                Suba must be gonococcal nephritis
DSC   M  B24          B201   Addr must be an infectious condition
                             caused by a bacterial organism
DSC   M  B24          B208   Causative organism of addr not reported
```

--- N059 ---
   CONTINUED

SMP	M	E102		Suba must be diabetic nephritis
SMP	M	E112		Suba must be diabetic nephritis
SMP	M	E122		Suba must be diabetic nephritis
SMP	M	E132		Suba must be diabetic nephritis
SMP	M	E142		Suba must be diabetic nephritis
SMP	M	E854		Suba must be amyloid nephritis
SMP	M	M103		Suba must have mention of nephritis
SMP	M	M310		Suba must have mention of nephritis
SMP	M	N060 -N079		Suba must be a type of nephritis
SMP	M	N10 -N12		Addr must be a type of nephritis
SMP	M	N189		Suba must be a type of nephritis
SMP	M	N26		Suba must be a type of nephritis
SMP	M	N288		Suba must be salt losing/salt wasting nephritis
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B208	Causative organism of addr not reported

--- N10 -N119 ---

DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B208	Causative organism of addr not reported
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B208	Causative organism of addr not reported

--- N12   ---

SMP	M	A022		Addr must be pyelitis, pyelonephritis; suba must be typhoid pyelitis, pyelonephritis
SMP	M	A230 -A239		Addr must be pyelitis, pyelonephritis; suba must be brucellosis pyelitis, pyelonephritis
SMP	M	A368		Addr must be pyelitis, pyelonephritis; suba must be diphtheria pyelitis, pyelonephritis
SMP	M	A527		Addr must be pyelitis, pyelonephritis; suba must be syphilitic pyelitis, pyelonephritis
DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B208	Causative organism of addr not reported
SMP	M	B588		Addr must be pyelitis, pyelonephritis; suba must be toxoplasmosis pyelitis, pyelonephritis
SMP	M	D868		Addr must be pyelitis, pyelonephritis; suba must be sarcoid pyelitis, pyelonephritis
SMP	M	D891		Addr must be pyelitis, pyelonephritis; suba must be cryoglobulinemic pyelitis, pyelonephritis

```
--- N12   ---
  CONTINUED
SMP   M  E270                  Addr must be pyelitis, pyelonephritis;
                               suba must be cystinosis pyelitis,
                               pyelonephritis
SMP   M  E740                  Addr must be pyelitis, pyelonephritis;
                               suba must be glycogen storage disease
                               pyelitis, pyelonephritis
SMP   M  E830                  Addr must be pyelitis, pyelonephritis;
                               suba must be Wilsons pyelitis,
                               pyelonephritis
SMP   M  M350                  Addr must be pyelitis, pyelonephritis;
                               suba must be Sjogrens pyelitis,
                               pyelonephritis
SMP   M  N10                   Addr must be pyelitis, pyelonephritis;
                               suba must be acute pyelitis,
                               pyelonephritis
SMP   M  N119                  Addr must be pyelitis, pyelonephritis;
                               suba must be chronic pyelitis,
                               pyelonephritis
SMP   M  N209                  Addr must be pyelitis, pyelonephritis;
                               suba must be calculus pyelonephritis
DSC   M  R75        B201       Addr must be an infectious condition
                               caused by a bacterial organism
DSC   M  R75        B208       Causative organism of addr not reported

--- N130  ---

LMC   M  B49        N136       Suba must be fungus infection of
                               urinary system
LMC   M  N288       N136       Suba must be an infectious condition

--- N131 -N132   ---

LMC   M  B49        N136       Suba must be fungus infection of
                               urinary system

--- N133  ---

LMC   M  B49        N136       Suba must be fungus infection of
                               urinary system
LMC   M  N135       N130       Suba must be obstruction of
                               ureteropelvic junction
LMC   M  N135       N131       Suba must be ureteral stricture
LMC   M  N159       N136       Suba must be an infectious condition

--- N134  ---

LMC   M  B49        N136       Suba must be fungus infection of
                               urinary system

--- N135  ---

LMC   M  B49        N136       Suba must be fungus infection of
                               urinary system
LMC   M  N133       N130       Addr must be obstruction of
                               ureteropelvic junction
```

```
--- N135  ---
   CONTINUED
LMC   M  N133        N131   Addr must be stricture, kink
                            obstruction of ureter


--- N136  ---

DSC   M  B24         B201   Addr must be an infectious condition
                            caused by a bacterial organism
DSC   M  B24         B208   Causative organism of addr not reported
DSC   M  R75         B201   Addr must be an infectious condition
                            caused by a bacterial organism
DSC   M  R75         B208   Causative organism of addr not reported


--- N138  ---

LMC   M  B49         N136   Suba must be fungus infection of
                            urinary system


--- N139  ---

LMC   M  B49         N136   Suba must be fungus infection of
                            urinary system
LMC   M  N288        N136   Suba must be an infectious condition


--- N151  ---

DSC   M  B24         B201   Addr must be an infectious condition
                            caused by a bacterial organism
DSC   M  B24         B208   Causative organism of addr not reported
DSC   M  R75         B201   Addr must be an infectious condition
                            caused by a bacterial organism
DSC   M  R75         B208   Causative organism of addr not reported


--- N158  ---

DSC   M  B24         B238   Addr must be a non-infectious condition
DSC   M  R75         B238   Addr must be a non-infectious condition


--- N159  ---

DSC   M  B24         B201   Addr must be an infectious condition
                            caused by a bacterial organism
DSC   M  B24         B208   Causative organism of addr not reported
DSC   M  B24         B238   Addr must be a non-infectious condition
DSC   M  R75         B201   Addr must be an infectious condition
                            caused by a bacterial organism
DSC   M  R75         B208   Causative organism of addr not reported
DSC   M  R75         B238   Addr must be a non-infectious condition


--- N188  ---

DSC   M  B24         B238   Addr must be a non-infectious condition
DSC   M  R75         B238   Addr must be a non-infectious condition
```

```
                              TABLE F
         REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- N19    ---

SDC   M   F03            N188   Addr must be uremia
SDC   M   G629           N188   Addr must be uremia
SDC   M   I319           N188   Addr must be uremia
SDC   M   I64            N188   Addr must be uremia; suba must be
                                apoplexy

--- N288   ---

DSC   M   B24            B201   Addr must be an infectious condition
                                caused by a bacterial organism
DSC   M   B24            B208   Addr must be an infectious condition
                                with causative organism not reported
DSC   M   B24            B238   Addr must be a non-infectious condition
DSC   M   E859           E854   Addr must be degeneration kidney
DSC   M   N130 -N135     N136   Addr must be an infectious condition
DSC   M   N139           N136   Addr must be an infectious condition
DSC   M   R75            B201   Addr must be an infectious condition
                                caused by a bacterial organism
DSC   M   R75            B208   Addr must be an infectious condition
                                with causative organism not reported
DSC   M   R75            B238   Addr must be a non-infectious condition

--- N289   ---

SMP   M   A022                  Suba must involve the kidney
SMP   M   A181                  Suba must involve the kidney
SMP   M   A230 -A239            Suba must involve the kidney
SMP   M   A368                  Suba must involve the kidney
SMP   M   A505                  Suba must involve the kidney
SMP   M   A514                  Suba must involve the kidney
SMP   M   A527                  Suba must involve the kidney
SMP   M   A542                  Suba must involve the kidney
SMP   M   B588                  Suba must involve the kidney
SMP   M   C791                  Suba must be ureter
SMP   M   D868                  Suba must involve the kidney
SMP   M   D891                  Suba must involve the kidney
SMP   M   E270                  Suba must involve the kidney
SMP   M   E740                  Suba must involve the kidney
SMP   M   E830                  Suba must involve the kidney
SMP   M   E854                  Suba must involve the kidney
SMP   M   M103                  Suba must involve the kidney
SMP   M   M310                  Suba must involve the kidney
SMP   M   M350                  Suba must involve the kidney

--- N300 -N303   ---

DSC   M   B24            B201   Addr must be an infectious condition
                                caused by a bacterial organism
DSC   M   B24            B208   Addr must be an infectious condition
                                with causative organism not reported
DSC   M   R75            B201   Addr must be an infectious condition
                                caused by a bacterial organism
DSC   M   R75            B208   Addr must be an infectious condition
                                with causative organism not reported
```

--- N308 -N309 ---

DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B208	Addr must be an infectious condition with causative organism not reported
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B208	Addr must be an infectious condition with causative organism not reported

--- N329 ---

SMP	M	A181		Suba must involve the bladder
SMP	M	A368		Suba must involve the bladder
SMP	M	A527		Suba must involve the bladder
SMP	M	A540		Suba must involve the bladder
SMP	M	A560		Suba must involve the bladder
SMP	M	A590		Suba must involve the bladder
SMP	M	B650 -B659		Suba must involve the bladder
SMP	M	C791		Suba must involve the bladder
SMP	M	Q643		Suba must involve the bladder
SMP	M	Q645 -Q648		Suba must involve the bladder

--- N340 -N342 ---

DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B208	Addr must be an infectious condition with causative organism not reported
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	R75	B208	Addr must be an infectious condition with causative organism not reported

--- N369 ---

SMP	M	A540 -A541		Suba must involve the urethra
SMP	M	A560		Suba must involve the urethra
SMP	M	A590		Suba must involve the urethra
SMP	M	A64		Suba must involve the urethra
SMP	M	B374		Suba must involve the urethra
SMP	M	C791		Suba must involve the urethra
SMP	M	D091		Suba must involve the urethra
SMP	M	M023		Suba must involve the urethra
SMP	M	Q645		Suba must involve the urethra
SMP	M	Q647 -Q648		Suba must involve the urethra

--- N390 ---

DSC	M	B24	B201	Addr must be an infectious condition caused by a bacterial organism
DSC	M	B24	B208	Addr must be an infectious condition with causative organism not reported
DSC	M	R75	B201	Addr must be an infectious condition caused by a bacterial organism

--- N390 ---
  CONTINUED
DSC   M R75   B208   Addr must be an infectious condition
                             with causative organism not reported

--- N410 -N418 ---

DSC   M B24   B201   Addr must be caused by a bacterial
                             organism
DSC   M R75   B201   Addr must be caused by a bacterial
                             organism

--- N419 ---

SMP   M A181   Suba must involve the prostate
SMP   M A542   Suba must involve the prostate
SMP   M A590   Suba must involve the prostate
DSC   M B24   B201   Addr must be caused by a bacterial
                             organism
DSC   M R75   B201   Addr must be caused by a bacterial
                             organism

--- N429 ---

SMP   M C798   Suba must be prostate

--- N450 ---

DSC   M B24   B201   Addr must be caused by a bacterial
                             organism
DSC   M R75   B201   Addr must be caused by a bacterial
                             organism

--- N459 ---

SMP   M A181   Suba must involve the testes
SMP   M A527   Suba must involve the testes
SMP   M A542   Suba must involve the testes
SMP   M A561   Suba must involve the testes
DSC   M B24   B201   Addr must be caused by a bacterial
                             organism
DSC   M R75   B201   Addr must be caused by a bacterial
                             organism

--- N481 ---

SMP   M A068   Suba must involve the penis
SMP   M A540   Suba must involve the penis
SMP   M A57   Suba must involve the penis
SMP   M A638 -A64   Suba must involve the penis
DSC   M B24   B201   Addr must be caused by a bacterial
                             organism
SMP   M B374   Suba must involve the penis
DSC   M R75   B201   Addr must be caused by a bacterial
                             organism

```
                              TABLE F
            REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- N482  ---

DSC   M  B24           B201   Addr must be caused by a bacterial
                              organism
DSC   M  R75           B201   Addr must be caused by a bacterial
                              organism


--- N489  ---

SMP   M  C798                 Suba must be penis
SMP   M  D407                 Suba must be penis

--- N490  ---

SMP   M  A068                 Suba must involve the seminal vesicle
SMP   M  A181                 Suba must involve the seminal vesicle
SMP   M  A542                 Suba must involve the seminal vesicle
SMP   M  A590                 Suba must involve the seminal vesicle
DSC   M  B24           B201   Addr must be caused by a bacterial
                              organism
DSC   M  R75           B201   Addr must be caused by a bacterial
                              organism


--- N491 -N492  ---

DSC   M  B24           B201   Addr must be caused by a bacterial
                              organism
DSC   M  R75           B201   Addr must be caused by a bacterial
                              organism


--- N498  ---

DSC   M  B24           B201   Addr must be caused by a bacterial
                              organism
DSC   M  E100 -E104    E107   Suba must be gangrene of male genital
                              organ(s) (specified)
DS    M  E105                 Suba must be gangrene of male genital
                              organ(s) (specified)
DSC   M  E106          E107   Suba must be gangrene of male genital
                              organ(s) (specified)
DS    M  E107                 Suba must be gangrene of male genital
                              organ(s) (specified)
DSC   M  E108 -E109    E105   Suba must be gangrene of male genital
                              organ(s) (specified)
DSC   M  E110 -E114    E117   Suba must be gangrene of male genital
                              organ(s) (specified)
DS    M  E115                 Suba must be gangrene of male genital
                              organ(s) (specified)
DSC   M  E116          E117   Suba must be gangrene of male genital
                              organ(s) (specified)
DS    M  E117                 Suba must be gangrene of male genital
                              organ(s) (specified)
DSC   M  E118 -E119    E115   Suba must be gangrene of male genital
                              organ(s) (specified)
DSC   M  E120 -E124    E127   Suba must be gangrene of male genital
                              organ(s) (specified)
```

```
--- N498  ---
  CONTINUED
DS    M  E125                Suba must be gangrene of male genital
                             organ(s) (specified)
DSC   M  E126        E127    Suba must be gangrene of male genital
                             organ(s) (specified)
DS    M  E127                Suba must be gangrene of male genital
                             organ(s) (specified)
DSC   M  E128 -E129  E125    Suba must be gangrene of male genital
                             organ(s) (specified)
DSC   M  E130 -E134  E137    Suba must be gangrene of male genital
                             organ(s) (specified)
DS    M  E135                Suba must be gangrene of male genital
                             organ(s) (specified)
DSC   M  E136        E137    Suba must be gangrene of male genital
                             organ(s) (specified)
DS    M  E137                Suba must be gangrene of male genital
                             organ(s) (specified)
DSC   M  E138 -E139  E135    Suba must be gangrene of male genital
                             organ(s) (specified)
DSC   M  E140 -E144  E147    Suba must be gangrene of male genital
                             organ(s) (specified)
DS    M  E145                Suba must be gangrene of male genital
                             organ(s) (specified)
DSC   M  E146        E147    Suba must be gangrene of male genital
                             organ(s) (specified)
DS    M  E147                Suba must be gangrene of male genital
                             organ(s) (specified)
DSC   M  E148 -E149  E145    Suba must be gangrene of male genital
                             organ(s) (specified)
DSC   M  R75         B201    Addr must be caused by a bacterial
                             organism

--- N499  ---

DSC   M  B24         B201    Addr must be caused by a bacterial
                             organism
DSC   M  R75         B201    Addr must be caused by a bacterial
                             organism

--- N509  ---

SMP   M  C600 -C639          Addr must be disease male genital organ
                             NEC
SMP   M  C798                Addr must be testes
SMP   M  D074 -D076          Addr must be disease male genital organ
                             NEC
SMP   M  D290 -D299          Addr must be disease male genital organ
                             NEC
SMP   M  D400 -D409          Addr must be disease male genital organ
                             NEC
SMP   M  Q530 -Q559          Addr must be disease male genital organ
                             NEC
SMP   M  Q561                Addr must be disease male genital organ
                             NEC
```

--- N700 -N701 ---

```
DSC   M  B24         B208  Causative organism of addr not reported
DSC   M  R75         B208  Causative organism of addr not reported
```

--- N709 ---

```
SMP   M  A181              Suba must involve the ovary/fallopian
                           tube
SMP   M  A542              Suba must involve the ovary/fallopian
                           tube
SMP   M  A561              Suba must involve the ovary/fallopian
                           tube
DSC   M  B24         B208  Causative organism of addr not reported
DSC   M  R75         B208  Causative organism of addr not reported
```

--- N710 -N711 ---

```
DSC   M  B24         B208  Causative organism of addr not reported
DSC   M  R75         B208  Causative organism of addr not reported
```

--- N719 ---

```
SMP   M  A181              Suba must involve the endometrium
SMP   M  A542              Suba must involve the endometrium
SMP   M  A561              Suba must involve the endometrium
DSC   M  B24         B208  Causative organism of addr not reported
DSC   M  R75         B208  Causative organism of addr not reported
```

--- N72 ---

```
SMP   M  A181              Suba must involve the cervix
SMP   M  A527              Suba must involve the cervix
SMP   M  A540              Suba must involve the cervix
SMP   M  A560              Suba must involve the cervix
SMP   M  A590              Suba must involve the cervix
SMP   M  A600              Suba must involve the cervix
DSC   M  B24         B208  Causative organism of addr not reported
DSC   M  R75         B208  Causative organism of addr not reported
```

--- N730 -N759 ---

```
DSC   M  B24         B208  Causative organism of addr not reported
DSC   M  R75         B208  Causative organism of addr not reported
```

--- N760 ---

```
SMP   M  A068              Suba must involve the vagina
SMP   M  A181              Suba must involve the vagina
SMP   M  A510              Suba must involve the vagina
SMP   M  A527              Suba must involve the vagina
SMP   M  A540              Suba must involve the vagina
SMP   M  A560              Suba must involve the vagina
SMP   M  A590              Suba must involve the vagina
SMP   M  A600              Suba must involve the vagina
SMP   M  A64               Suba must involve the vagina
DSC   M  B24         B208  Causative organism of addr not reported
```

```
--- N760  ---
   CONTINUED
SMP   M  B373              Suba must involve the vagina
SMP   M  B80               Suba must involve the vagina
SMP   M  N761              Addr must be vaginitis and
                           vulvovaginitis NOS
SMP   M  N952              Suba must involve the vagina
DSC   M  R75          B208 Causative organism of addr not reported

--- N761  ---

DSC   M  B24          B208 Causative organism of addr not reported
DSC   M  R75          B208 Causative organism of addr not reported

--- N762  ---

SMP   M  A181              Suba must involve the vulva
SMP   M  A510              Suba must involve the vulva
SMP   M  A527              Suba must involve the vulva
SMP   M  A540 -A541        Suba must involve the vulva
SMP   M  A560              Suba must involve the vulva
SMP   M  A57               Suba must involve the vulva
SMP   M  A590              Suba must involve the vulva
DSC   M  B24          B208 Causative organism of addr not reported
SMP   M  B373              Suba must involve the vulva
SMP   M  N763              Addr must be acute vulvitis
SMP   M  N904              Suba must involve the vulva
DSC   M  R75          B208 Causative organism of addr not reported

--- N763 -N768  ---

DSC   M  B24          B208 Causative organism of addr not reported
DSC   M  R75          B208 Causative organism of addr not reported

--- N839  ---

SMP   M  C56               Addr must be disease, ovary
SMP   M  C570              Site must be fallopian tube
SMP   M  C796              Addr must be disease, ovary
SMP   M  C798              Site must be fallopian tube
SMP   M  D073              Site must be fallopian tube/ovary
SMP   M  D27               Addr must be disease, ovary
SMP   M  D282              Site must be fallopian tube
SMP   M  D391              Addr must be disease, ovary
SMP   M  D397              Site must be fallopian tube
SMP   M  Q500 -Q503        Addr must be disease, ovary
SMP   M  Q504              Addr must be fallopian tube
SMP   M  Q506              Suba must be fallopian tube

--- N859  ---

SMP   M  C798              Suba must be uterus
SMP   M  D070              Suba must be uterus
SMP   M  D073              Suba must be uterus
```

--- N889 ---

SMP	M	C798	Suba must be cervix uteri
SMP	M	D073	Suba must be corpus uteri

--- N899 ---

SMP	M	C798	Suba must be vagina
SMP	M	D397	Suba must be vagina

--- N909 ---

SMP	M	C798	Suba must be vulva
SMP	M	D397	Suba must be vulva

--- N949 ---

SMP	M	C798	Suba must be female genital organ NEC

--- N992 ---

DS	M	Y831 -Y832	Surgery must be on the female genital organs or surgery NOS
DS	M	Y834	Surgery must be on the female genital organs or surgery NOS
DS	M	Y836 -Y839	Surgery must be on the female genital organs or surgery NOS
DS	M	Y883	Surgery must be on the female genital organs or surgery NOS

--- N993 ---

DS	M	Y836	Surgery must be a hysterectomy
DS	M	Y883	Surgery must be a hysterectomy

--- N994 ---

DS	M	Y830 -Y849	Procedure must be on the female genital organs or procedure NOS
DS	M	Y883	Procedure must be on the female genital organs or procedure NOS

--- N995 ---

DS	M	Y833	Stoma must be of the urinary tract
DS	M	Y883	Stoma must be of the urinary tract

--- O039 ---

SMP	M	O030 -O038	Suba must be unspecified

--- O049 ---

SMP	M	O040 -O048	Addr must be unspecified

```
                              TABLE F
          REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- O059  ---

SMP   M  O050 -O058          Addr must be unspecified

--- O100 -O109  ---

DSC   M  O13          O11    Suba must be mild pre-eclampsia

--- O120 -O122  ---

DSC   M  O16          O140   Addr must be qualified as moderate
DSC   M  O16          O141   Addr must be qualified as severe
DSC   M  O16          O149   Addr must be unspecified

--- O13   ---

LMC   M  O100 -O109   O11    Addr must be mild pre-eclampsia

--- O16   ---

LMC   M  O120 -O122   O140   Suba must be qualified as moderate
LMC   M  O120 -O122   O141   Suba must be qualified as severe
LMC   M  O120 -O122   O149   Suba must be unspecified

--- O239  ---

SMP   M  O230 -O235          Addr must be an unspecified infection

--- O323  ---

LDC   M  O669         O640   Addr must be presentation face to pubes
LDC   M  O669         O642   Addr must be presentation fetal chin,
                             face or mentum
LDC   M  O669         O643   Addr must be presentation fetal brow or
                             extended head

--- O330  ---

LMP   M  O650                Addr must be spondylolysis (acquired)
                             lumbosacral region with disproportion
LMP   M  O658                Addr must not be spondylolysis
                             (acquired) lumbosacral region with
                             disproportion
LMC   M  O669         O650   Addr must not be spondylolysis
                             (acquired) lumbosacral region with
                             disproportion
LMC   M  O669         O658   Addr must be spondylolysis (acquired)
                             lumbosacral region with disproportion

--- O338  ---

LMP   M  O650                Addr must be distortion lumbar spine
                             with distortion
LMC   M  O669         O650   Addr must be distortion lumbar spine
                             with distrotion
```

--- O441 ---

LMC	M	O469	O468	Must be abnormal placenta with antepartum hemorrhage
LMC	M	O679	O678	Must be abnormal placenta with intrapartum hemorrhage

--- O669 ---

DSC	M	O330	O650	Suba must not be spondylolysis (acquired) lumbosacral region with disproportion
DSC	M	O330	O658	Suba must be spondylolysis (acquired) lumbosacral region with disproportion
DSC	M	O338	O650	Suba must be distortion lumbar spine with distrotion

--- O721 ---

LMP	M	O720	Addr must be postpartum hemorrhage NOS

--- O882 ---

SMP	M	O880 -O881	Addr must be of unspecified site and type
SMP	M	O883 -O888	Addr must be of unspecified site and type

--- O927 ---

SMP	M	O920 -O926	Addr must be an unspecified disorder of lactation

--- P022 ---

SMP	M	P020 -P021	Addr must be unspecified condition of placenta
SMP	M	P023	Addr must be unspecified condition of placenta

--- P025 ---

LMP	M	P024	Addr must be compression umbilical cord

--- P026 ---

SMP	M	P024 -P025	Addr must be unspecified condition of umbilical cord

--- P071 ---

SMP	M	P070	Addr must be low birth weight NOS

--- P108 ---

LMP	M	P101	Addr must be laceration brain during birth

```
--- P236  ---

SMP   M  P233                      Addr must be streptococcal pneumonia
                                   NOS

--- P379  ---

SMP   M  P370 -P378                Addr must be congenital infectious
                                   disease, suba must be specified
                                   infectious disease and/or addr must be
                                   congenital parasitic disease, suba must
                                   be specified congenital parasitic
                                   disease

--- P549  ---

SMP   M  P020 -P021                Suba must be hemorrhage
SMP   M  P115                      Suba must be hemorrhage
SMP   M  P122                      Suba must be hemorrhage
SMP   M  P150 -P159                Suba must be hemorrhage

--- Q043  ---

LMP   M  Q050 -Q054                Addr must be hydranencephaly
LMC   M  Q055          Q050        Addr must be hydranencephaly
LMC   M  Q056          Q051        Addr must be hydranencephaly
LMC   M  Q057          Q052        Addr must be hydranencephaly
LMC   M  Q058          Q053        Addr must be hydranencephaly
LMC   M  Q059          Q054        Addr must be hydranencephaly

--- Q055  ---

LMC   M  Q043          Q050        Suba must be hydranencephaly

--- Q056  ---

LMC   M  Q043          Q051        Suba must be hydranencephaly

--- Q057  ---

LMC   M  Q043          Q052        Suba must be hydranencephaly

--- Q058  ---

LMC   M  Q043          Q053        Suba must be hydranencephaly

--- Q059  ---

LMC   M  Q043          Q054        Suba must be hydranencephaly

--- Q103  ---

SMP   M  Q100 -Q102                Addr must be congenital malformation of
                                   eyelid NOS
```

```
                          TABLE F
         REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

--- Q106  ---

SMP   M  Q104 -Q105        Addr must be congenital malformation of
                           lacrimal apparatus NOS

--- Q132  ---

SMP   M  Q130 -Q131        Addr must be malformation of iris NOS

--- Q210  ---

LMP   M  Q204              Suba must be displacement ventricular
                           septum with rudimentary ventricle

--- Q239  ---

SMP   M  Q230 -Q238        Addr must involve the aortic valve

--- Q254  ---

SMP   M  Q250 -Q253        Addr must be anomaly of aorta NOS

--- Q272  ---

SMP   M  Q271              Addr must be malformation of renal
                           artery NOS

--- Q2780 ---

SMP   M  I6060             Suba must be stated congenital
SMP   M  Q141              Addr must be congenital aneurysm NOS;
                           suba must be an aneurysm
SMP   M  Q245              Addr must be congenital aneurysm NOS
SMP   M  Q257              Addr must be congenital aneurysm NOS;
                           suba must be an aneurysm
SMP   M  Q2820             Addr must be congenital aneurysm NOS

--- Q282  ---

SMP   M  I608              Addr must be arteriovenous malformation
                           (cerebral)

--- Q2830 ---

SMP   M  I6060             Addr must be hypoglycemic coma
SMP   M  I6070             Suba must be congenital
SMP   M  I6080             Addr must be hypoglycemic coma
SMP   M  I6090             Addr must be hypoglycemic coma

--- Q309  ---

SMP   M  Q674              Suba must involve the nose

--- Q321  ---
```

```
--- Q321  ---

SMP   M  Q320                    Addr must be congenital malformation of
                                 trachea
--- Q324  ---

SMP   M  Q323                    Addr must be congenital malformation of
                                 bronchus NOS

--- Q359  ---

SMP   M  Q351 -Q357              Addr must be cleft palate NOS

--- Q380  ---

SMP   M  Q360 -Q379              Addr must be malformation of lip NOS

--- Q383  ---

SMP   M  Q380 -Q382              Addr must be malformation of tongue NOS

--- Q385  ---

SMP   M  Q351 -Q359              Addr must be malformation of palate NOS
SMP   M  Q370 -Q379              Addr must be malformation of palate NOS

--- Q388  ---

SMP   M  Q386 -Q387              Addr must be unspecified or NOS

--- Q402  ---

LMP   M  Q395                    Addr must be congenital cardiospasm;
                                 suba must be megaesophagus
LMP   M  Q893                    Addr must be transposition stomach

--- Q421  ---

LMC   M  Q436         Q420   Suba must be congenital fistula rectum

--- Q423  ---

LMC   M  Q436         Q422   Suba must be congenital fistula anus

--- Q436  ---

LMC   M  Q421         Q420   Addr must be congenital fistula rectum
LMC   M  Q423         Q422   Addr must be congenital fistula anus

--- Q438  ---

LMP   M  Q433                    Addr must be congenital malposition
                                 intestine

--- Q439  ---
```

```
                           TABLE F
         REASONS FOR AMBIVALENT RELATIONSHIPS IN MODIFICATION TABLE

---  Q439  ---

SMP    M   Q430 -Q432        Site of suba must be same as addr site
LMP    M   Q433              Suba must be anomalous adhesions,
                             fixation or rotation of intestine
SMP    M   Q434 -Q438        Site of suba must be same as addr site

---  Q441  ---

SMP    M   Q440              Addr must be malformation of
                             gallbladder NOS

---  Q445  ---

SMP    M   Q442 -Q444        Addr must be malformation of bile duct
                             NOS

---  Q447  ---

SMP    M   Q446              Addr must be malformation of liver NOS

---  Q453  ---

SMP    M   Q450 -Q452        Addr must malformation of pancreas NOS

---  Q458  ---

SMP    M   Q383 -Q384        Suba must be absence, duplication,
                             malposition of specific GI site
SMP    M   Q398              Suba must be absence, duplication,
                             malposition of specific GI site
SMP    M   Q402              Suba must be absence, duplication,
                             malposition of specific GI site
SMP    M   Q408              Suba must be absence, duplication,
                             malposition of specific GI site
SMP    M   Q410 -Q429        Suba must be absence, duplication,
                             malposition of specific GI site
SMP    M   Q433 -Q434        Suba must be absence, duplication,
                             malposition of specific GI site
SMP    M   Q438              Suba must be absence, duplication,
                             malposition of specific GI site
SMP    M   Q440 -Q441        Suba must be absence, duplication,
                             malposition of specific GI site
SMP    M   Q445              Suba must be absence, duplication,
                             malposition of specific GI site
SMP    M   Q447 -Q450        Suba must be absence, duplication,
                             malposition of specific GI site
SMP    M   Q453              Suba must be absence, duplication,
                             malposition of specific GI site

---  Q503  ---

SMP    M   Q500 -Q502        Addr must be malformation of ovary NOS

---  Q506  ---
```

```
--- Q506  ---

SMP   M  Q504                    Addr must be malformation fallopian
                                 tube NOS
SMP   M  Q505                    Addr must be malformation of broad
                                 ligament NOS

--- Q512  ---

LMC   M  Q518          Q511  Suba must be double cervix
--- Q518  ---

LMC   M  Q512          Q511  Addr must be double cervix
LMC   M  Q521          Q511  Addr must be double cervix

--- Q521  ---

LMC   M  Q518          Q511  Suba must be double cervix

--- Q552  ---

SMP   M  Q550 -Q551             Addr must be malformation testes,
                                 scrotum NOS

--- Q556  ---

SMP   M  Q555                    Addr must be malformation of penis NOS

--- Q628  ---

SMP   M  Q620 -Q627             Addr must be anomaly, ureter NOS

--- Q639  ---

SMP   M  Q623                    Suba must involve the kidney

--- Q647  ---

SMP   M  Q640 -Q646             Addr must be malformation bladder or
                                 urethra NOS

--- Q678  ---

SMP   M  Q676 -Q677             Addr must be deformity chest (wall) NOS

--- Q709  ---

LMC   M  Q788          Q700  Addr must involve fingers; suba must be
                                 synostosis
LMC   M  Q788          Q702  Addr must involve toes; suba must be
                                 synostosis

--- Q738  ---

SMP   M  Q710 -Q731             Addr must be reduction defects of
                                 unspecified limb
```

--- Q750 ---

LMP	M	Q000		Addr must be imperfect closure/fusion skull
LMP	M	Q010	-Q039	Addr must be imperfect closure/fusion skull
LMP	M	Q050	-Q054	Addr must be imperfect closure/fusion skull

--- Q758 ---

```
LMP   M  Q000                 Addr must be absence, agenesis,
                              deformity, distortion, hypoplasia of
                              skull (bones)
LMP   M  Q010 -Q039           Addr must be absence, agenesis,
                              deformity, distortion, hypoplasia of
                              skull (bones)
LMP   M  Q050 -Q054           Addr must be absence, agenesis,
                              deformity, distortion, hypoplasia of
                              skull (bones)
```

--- Q759 ---

```
LMP   M  Q000                 Addr must involve the skull (bone)
LMP   M  Q010 -Q039           Addr must involve the skull (bone)
LMP   M  Q050 -Q054           Addr must involve the skull (bone)
```

--- Q842 ---

```
SMP   M  Q840 -Q841           Addr must be malformation of hair NOS
```

--- Q846 ---

```
SMP   M  Q843 -Q845           Addr must be malformation of nail NOS
```

--- Q929 ---

```
LMP   M  Q924 -Q925           Addr must be accessory chromosomes
```

--- Q935 ---

```
LMP   M  Q937                 Addr must be long arm chromosome 18 or
                              21 syndrome
```

--- R02 ---

```
DSC   M  K400        K401     Addr must be of unspecified site and
                              type
DSC   M  K402        K401     Addr must be of unspecified site and
                              type
DSC   M  K403        K404     Addr must be of unspecified site and
                              type
DSC   M  K409        K404     Addr must be of unspecified site and
                              type
DSC   M  K410        K411     Addr must be of unspecified site and
                              type
DSC   M  K412        K411     Addr must be of unspecified site and
                              type
DSC   M  K413        K414     Addr must be of unspecified site and
                              type
DSC   M  K419        K414     Addr must be of unspecified site and
                              type
DSC   M  K420        K421     Addr must be of unspecified site and
                              type
DSC   M  K429        K421     Addr must be of unspecified site and
                              type
```

```
--- R02   ---
  CONTINUED
DSC   M  K430         K431   Addr must be of unspecified site and
                             type
DSC   M  K439         K431   Addr must be of unspecified site and
                             type
DSC   M  K440         K441   Addr must be of unspecified site and
                             type
DSC   M  K449         K441   Addr must be of unspecified site and
                             type
DSC   M  K450         K451   Addr must be of unspecified site and
                             type
DSC   M  K458         K451   Addr must be of unspecified site and
                             type
DSC   M  K460         K461   Addr must be of unspecified site and
                             type
DSC   M  K469         K461   Addr must be of unspecified site and
                             type
IDDC  M  L080         L88    Suba must be ecthyma/pyoderma; addr
                             must be gangrene
IDDC  M  L309         L88    Addr must be gangrene

--- R064  ---

IDDC  M  R060         R060   Suba must be dyspnea
IDDC  M  R290         R068   Addr must be hyperpnea

--- R090  ---

IDDC  M  G934         G931   Addr must be anoxia and/or hypoxia
IDDC  M  G939         G931   Suba must be brain damage; addr must be
                             anoxia and/or hypoxia
IDDC  M  N049         N170   Suba must be nephrosis; addr must be
                             anoxia/hypoxia

--- R160  ---

IDDC  M  R161         R162   Suba must be not be qualified as
                             idiopathic

--- R161  ---

IDDC  M  D649         D648   Suba must be anemia and anemia not
                             qualified as idiopathic

--- R238  ---

IDDC  M  B07          L82    Suba must be verruca/wart; addr must be
                             seborrhea
IDDC  M  L309         L219   Addr must be seborrhea
IDDC  M  L83          L82    Suba must be acanthosis; addr must be
                             seborrhea

--- R270  ---

IDDC  M  G809         G804   Suba must be cerebral palsy
IDDC  M  G822         E538   Suba must be paraplegia
```

```
--- R270  ---
  CONTINUED
IDDC  M  I781         G113  Suba must be telangiectasia


--- R298  ---

IDDC  M  R568         G403  Addr must be akinesia; suba must be
                           convulsions, seizures


--- R509  ---

IDDC  M  R568         R560  Addr must be fever; suba must be
                           convulsions and/or seizures
IDDC  M  R688         R500  Suba must be chills and/or fever; addr
                           must be fever


--- R54   ---

SENMC M  B07          L82   Suba must be (1) wart (common)
                           (digitate) (filiformis) (infectious)
                           (juvenile) (plantar) (viral) (2)
                           verruca (filiformis)
SENMC M  D180         I781  Suba must be angioma
SENMC M  D229         I781  Suba must be nevus
SENMC M  E41          R54   Suba must be marasmus
SENMC M  F059         F051  Suba must be acute confusional state or
                           subacute confusional state
SENDC M  F068         F03   Suba must be organic psychotic state
SENDC M  F220         F03   Suba must be paranoia, paranoid
                           psychosis, paranoid state
SENDC M  F233         F03   Suba must be paranoid reaction
SENDC M  F329         F03   Suba must be depression, melancholia
SENDC M  F39          F03   Suba must be affective psychosis
SENMC M  F99          F03   Suba must be mental changes NEC
SENDC M  G319         G311  Suba must be (1) atrophy brain (2)
                           degeneration, degenerative brain
SENDC M  G379         I672  Suba must be sclerosis brain
SENDC M  G409         G408  Suba must be epilepsy, epileptic,
                           epilepsia
SENDC M  G939         G311  Suba must be disease of brain
SENDC M  H269         H259  Suba must be cataract (cortical)
                           (immature) (incipent)
SENDC M  H525         H524  Suba must be (1) accommodation
                           insufficiency (2) insufficient
                           accommodation
SENDC M  I129         N26   Suba must be nephrosclerosis
SENDC M  I509         R54   Suba must be heart failure or failed
                           heart
SENDC M  I519         I514  Suba must be heart disease
SENDC M  I776         I709  Suba must be endarteritis (bacterial)
                           (infective) (septic) (subacute) (2)
                           arteritis
SENDC M  J40          J42   Suba must be (1) bronchitis (diffuse)
                           (fibrinous) (hypostatic) (infective)
                           (inflammatory) (membranous) (2)
                           tracheobronchitis
```

```
--- R54   ---
   CONTINUED
SENDC M  L130          L120   Suba must be dermatitis herpetiformis
                              (bullous) (erythematous) (pustular)
                              (vesicular)
SENDC M  L299          L298   Suba must be pruritus
SENDC M  L859          L570   Suba must be hyperkeratosis
SENDC M  L909          L908   Suba must be (1) atrophoderma (2)
                              atrophodermia (3) skin atrophy
SENDC M  M139          M199   Suba must be arthritis, arthritic
                              (acute) (chronic) (subacute)
SENDC M  M469          M479   Suba must be spondylitis
SENDC M  M839          M831   Suba must be osteomalacia
SENDC M  N760          N952   Suba must be vaginitis (acute)
SENDC M  R02           I702   Suba must be gangrene, gangrenous (dry)
                              (moist) (skin) (ulcer)
SENDC M  R53           R54    Suba must be (1) asthenia, asthenic (2)
                              debility (chronic) (general) (3)
                              exhaustion (4) fatigue (5) weakness (6)
                              prostration
SENDC M  R64           R54    Suba must be cachexia
SENDC M  R688          R54    Suba must be infirmity, infirmities

--- R568  ---

IDDC  M  R290          R290   Addr must be convulsions and/or
                              seizures

--- R579  ---

IDDC  M  J984          J80    Suba must be pulmonary insufficiency;
                              addr must be shock

--- R58  -R5800 ---

IDDC  M  D649          D500   Suba must be anemia; addr must be
                              bleeding, blood loss, or hemorrhage of
                              unspecified site
IDDC  M  D649          D62    Addr must be anemia; suba must be acute
                              blood loss or acute hemorrhage
IDDC  M  R05           R042   Suba must be cough; addr must be
                              bleeding, blood loss or hemorrhage of
                              unspecified site.

--- R609  ---

IDDC  M  N059          N049   Addr must be edema; suba must be
                              nephritis
IDDC  M  R64           E43    Suba must be inanition; addr must be
                              edema

--- R628  ---

DSC   M  E46           E45    Addr must be physical retardation or
                              arrested development
```

--- R688 ---

IDDC	M	R509	R500	Suba must be fever; addr must be chills and/or rigors

--- R75 ---

IDDC	M	D501 -D508	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
IDDC	M	D528	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
IDDC	M	D530 -D539	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
IDDC	M	D598	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
IDDC	M	D618	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
IDDC	M	D643	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
IDDC	M	D648	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
IDDC	M	D688	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
IDDC	M	D695 -D70	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
IDDC	M	D728	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
IDDC	M	D738	B201	Suba must be caused by a bacterial organism
IDDC	M	D738	B203	Suba must be caused by a viral organism
IDDC	M	D738	B208	Suba must be an infectious condition with causative organism not reported
IDDC	M	D738	B232	Suba must be a non-infectious condition
IDDC	M	D748	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
IDDC	M	D751	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
IDDC	M	D758	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause
IDDC	M	D808 -D819	B232	Suba must not be stated as congenital, familial, genetic, idiopathic, primary or due to an external cause

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IDDC  M  D830 -D848  B232  Suba must not be stated as congenital,
                           familial, genetic, idiopathic, primary
                           or due to an external cause
IDDC  M  D891         B232  Suba must not be stated as congenital,
                           familial, genetic, idiopathic, primary
                           or due to an external cause
IDDC  M  D898         B232  Suba must not be stated as congenital,
                           familial, genetic, idiopathic, primary
                           or due to an external cause
IDDC  M  E033         B201  Suba must be caused by a bacterial
                           organism
IDDC  M  E033         B203  Suba must be caused by a viral organism
IDDC  M  E033         B208  Causative organism of suba not reported
IDDC  M  E060         B201  Suba must be caused by a bacterial
                           organism
IDDC  M  E060         B203  Suba must be caused by a viral organism
IDDC  M  E060         B208  Causative organism of suba not reported
IDDC  M  E061         B201  Suba must be subacute thyroiditis NOS
                           caused by a bacterial organism
IDDC  M  E061         B203  Suba must be subacute thyroiditis
                           caused by a viral agent
IDDC  M  E061         B208  Suba must be thyroiditis with causative
                           organism not reported
IDDC  M  E062 -E063   B201  Suba must be caused by a bacterial
                           organism
IDDC  M  E062 -E063   B203  Suba must be caused by a viral organism
IDDC  M  E062 -E063   B208  Causative organism of suba not reported
IDDC  M  E065         B201  Suba must be chronic thyroiditis caused
                           by a bacterial organism
IDDC  M  E065         B203  Suba must be chronic thyroiditis caused
                           by a viral agent
IDDC  M  E065         B208  Suba must be chronic thyroiditis with
                           causative organism not reported
IDDC  M  E069         B201  Suba must be thyroiditis NOS caused by
                           a bacterial organism
IDDC  M  E069         B203  Suba must be thyroiditis NOS caused by
                           a viral organism
IDDC  M  E069         B208  Suba must be thyroiditis with causative
                           organism not reported
IDDC  M  E15          B238  Suba must not be drug-induced
IDDC  M  E161 -E162   B238  Suba must not be drug-induced
IDDC  M  E220 -E237   B238  Suba must be a non-infectious condition
IDDC  M  G060 -G09    B201  Suba must be caused by a bacterial
                           organism
IDDC  M  G060 -G09    B203  Suba must be caused by a viral organism
IDDC  M  G060 -G09    B208  Causative organism of suba not reported
IDDC  M  G373 -G374   B201  Suba must be caused by a bacterial
                           organism
IDDC  M  G373 -G374   B203  Suba must be caused by a viral organism
IDDC  M  G373 -G374   B208  Causative organism of suba not reported
IDDC  M  G589         B201  Suba must be caused by a bacterial
                           organism
IDDC  M  G589         B203  Suba must be caused by a viral organism
IDDC  M  G589         B208  Suba must be mononeuritis with
                           causative organism not reported
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   CONTINUED
IDDC  M  G589          B220   Suba must be a non-infectious condition
IDDC  M  G610 -G619    B201   Suba must be caused by a bacterial
                              organism
IDDC  M  G610 -G619    B203   Suba must be caused by a viral organism
IDDC  M  G610 -G619    B208   Causative organism of suba not reported
IDDC  M  G628          B201   Suba must be polyradiculitis caused by
                              a bacterial organism
IDDC  M  G628          B203   Suba must be polyradiculitis caused by
                              a viral organism
IDDC  M  G628          B208   Suba must be polyradiculitis with no
                              causative organism reported
IDDC  M  G628 -G629    B220   Suba must be a non-infectious condition
IDDC  M  G938          B220   Suba must not be caused by an external
                              agent
IDDC  M  G958          B220   Suba must not be caused by an external
                              agent
IDDC  M  H050 -H059    B203   Suba must be caused by a viral organism
                              and not stated congenital, familial,
                              hereditary, primary, genetic and not
                              due to external cause
IDDC  M  H050 -H059    B208   Causative organism of suba is not
                              reported and suba is not stated
                              congenital, familial, hereditary,
                              primary, genetic and not due to
                              external cause
IDDC  M  H050 -H059    B238   Suba must be a non-infectious condition
                              not stated as congenital, familial,
                              hereditary, primary, genetic and not
                              due to external cause
IDDC  M  H440 -H449    B203   Suba must be caused by a viral organism
                              and not stated congenital, familial,
                              hereditary, primary, genetic and not
                              due to external cause
IDDC  M  H440 -H449    B208   Causative organism of suba is not
                              reported and suba is not stated
                              congenital, familial, hereditary,
                              primary, genetic and not due to
                              external cause
IDDC  M  H440 -H449    B238   Suba must be a non-infectious condition
                              not stated as congenital, familial,
                              hereditary, primary, genetic and not
                              due to external cause
IDDC  M  H590 -H599    B203   Suba must be caused by a viral organism
                              and not stated congenital, familial,
                              hereditary, primary, genetic and not
                              due to external cause
IDDC  M  H590 -H599    B208   Causative organism of suba is not
                              reported and suba is not stated
                              congenital, familial, hereditary,
                              primary, genetic and not due to
                              external cause
IDDC  M  H590 -H599    B238   Suba must be a non-infectious condition
                              not stated as congenital, familial,
                              hereditary, primary, genetic and not
                              due to external cause
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IDDC	M	H650 -H749	B203	Suba must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
IDDC	M	H650 -H749	B208	Causative organism of suba is not reported and suba is not stated congenital, familial, hereditary, primary, genetic and not due to external cause
IDDC	M	H650 -H749	B238	Suba must be a non-infectious condition not stated as congenital, familial, hereditary, primary, genetic and not due to external cause
IDDC	M	H810 -H832	B203	Suba must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
IDDC	M	H810 -H832	B208	Causative organism of suba is not reported and suba is not stated congenital, familial, hereditary, primary, genetic and not due to external cause
IDDC	M	H810 -H832	B238	Suba must be a non-infectious condition not stated as congenital, familial, hereditary, primary, genetic and not due to external cause
IDDC	M	H950 -H959	B203	Suba must be caused by a viral organism and not stated congenital, familial, hereditary, primary, genetic and not due to external cause
IDDC	M	H950 -H959	B208	Causative organism of suba is not reported and suba is not stated congenital, familial, hereditary, primary, genetic and not due to external cause
IDDC	M	H950 -H959	B238	Suba must be a non-infectious condition not stated as congenital, familial, hereditary, primary, genetic and not due to external cause
IDDC	M	I278 -I279	B238	Suba cannot be qualified as arteriosclerotic or hypertensive
IDDC	M	I301 -I309	B201	Suba must be caused by a bacterial organism
IDDC	M	I301 -I309	B203	Suba must be caused by a viral organism
IDDC	M	I301 -I311	B208	Causative organism of suba not reported
IDDC	M	I310 -I311	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	I310 -I311	B203	Suba must be an infectious condition caused by a viral organism
IDDC	M	I312 -I319	B238	Suba must be a non-infectious condition
IDDC	M	I319	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	I319	B203	Suba must be an infectious condition caused by a viral organism
IDDC	M	I319	B208	Causative organism of suba not reported

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  CONTINUED

IDDC	M	I330	-I339	B201	Suba must be caused by a bacterial organism
IDDC	M	I330	-I339	B203	Suba must be caused by a viral organism
IDDC	M	I330	-I339	B208	Causative organism of suba not reported
IDDC	M	I340	-I38	B201	Suba must be endocarditis and caused by a bacterial organism
IDDC	M	I340	-I38	B203	Suba must be endocarditis and caused by a viral organism
IDDC	M	I340	-I38	B208	Suba must be endocarditis with causative organism not reported
IDDC	M	I340	-I38	B238	Suba cannot be endocarditis
IDDC	M	I400	-I409	B201	Suba must be caused by a bacterial organism
IDDC	M	I400	-I409	B203	Suba must be caused by a viral organism
IDDC	M	I400	-I409	B208	Causative organism of suba not reported
IDDC	M	I514		B208	Suba must be myocarditis
IDDC	M	I518		B201	Suba must be carditis, pancarditis due to a bacterial organism
IDDC	M	I518		B208	Suba must be carditis, pancarditis with causative organism not reported
IDDC	M	I518		B238	Suba must be a non-infectious condition
IDDC	M	I600	-I64	B238	Suba cannot be qualified as arteriosclerotic or hypertensive
IDDC	M	I676	-I698	B238	Suba cannot be qualified as arteriosclerotic or hypertensive
IDDC	M	I677		B201	Suba must be caused by a bacterial organism
IDDC	M	I677		B203	Suba must be caused by a viral organism
IDDC	M	I677		B208	Causative organism of suba not reported
IDDC	M	I776		B201	Suba must be caused by a bacterial organism
IDDC	M	I776		B203	Suba must be caused by a viral organism
IDDC	M	I776		B208	Causative organism of suba not reported
IDDC	M	I800	-I809	B201	Suba must be caused by a bacterial organism
IDDC	M	I800	-I809	B203	Suba must be caused by a viral organism
IDDC	M	I800	-I809	B208	Causative organism of suba not reported
IDDC	M	I821		B201	Suba must be caused by a bacterial organism
IDDC	M	I821		B203	Suba must be caused by a viral organism
IDDC	M	I821		B208	Causative organism of suba not reported
IDDC	M	I880	-I889	B201	Suba must be caused by a bacterial organism
IDDC	M	I880	-I889	B203	Suba must be caused by a viral organism
IDDC	M	I880	-I889	B208	Causative organism of suba not reported
IDDC	M	I891		B201	Suba must be caused by a bacterial organism
IDDC	M	I891		B203	Suba must be caused by a viral organism
IDDC	M	I891		B208	Causative organism of suba not reported
IDDC	M	J010	-J019	B201	Suba must be caused by a bacterial organism
IDDC	M	J010	-J019	B203	Suba must be caused by a viral organism
IDDC	M	J010	-J019	B208	Causative organism of suba not reported
IDDC	M	J028	-J029	B201	Suba must be caused by a bacterial organism

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   CONTINUED
IDDC  M  J028 -J029  B203  Suba must be caused by a viral organism
IDDC  M  J028 -J029  B208  Causative organism of suba not reported
IDDC  M  J038 -J051  B201  Suba must be caused by a bacterial
                           organism
IDDC  M  J038 -J051  B203  Suba must be caused by a viral organism
IDDC  M  J038 -J051  B208  Causative organism of suba not reported
IDDC  M  J208 -J209  B201  Suba must be caused by a bacterial
                           organism
IDDC  M  J208 -J209  B203  Suba must be caused by a viral organism
IDDC  M  J208 -J209  B208  Causative organism of suba not reported
IDDC  M  J218 -J219  B201  Suba must be caused by a bacterial
                           organism
IDDC  M  J218 -J219  B203  Suba must be caused by a viral organism
IDDC  M  J218 -J219  B208  Causative organism of suba not reported
IDDC  M  J310 -J329  B201  Suba must be caused by a bacterial
                           organism
IDDC  M  J310 -J329  B203  Suba must be caused by a viral organism
IDDC  M  J310 -J329  B208  Causative organism of suba not reported
IDDC  M  J340         B201  Suba must be caused by a bacterial
                           organism
IDDC  M  J340         B203  Suba must be caused by a viral organism
IDDC  M  J340         B208  Causative organism of suba not reported
IDDC  M  J36  -J371  B201  Suba must be caused by a bacterial
                           organism
IDDC  M  J36  -J371  B203  Suba must be caused by a viral organism
IDDC  M  J36  -J371  B208  Causative organism of suba not reported
IDDC  M  J380 -J387  B238  Suba must be a non-infectious condition
IDDC  M  J382 -J383  B201  Suba must be caused by a bacterial
                           organism
IDDC  M  J382 -J383  B203  Suba must be caused by a viral organism
IDDC  M  J382 -J383  B208  Causative organism of suba not reported
IDDC  M  J387 -J391  B201  Suba must be caused by a bacterial
                           organism
IDDC  M  J387 -J391  B203  Suba must be caused by a viral organism
IDDC  M  J387 -J391  B208  Causative organism of suba not reported
IDDC  M  J40  -J42   B201  Suba must be caused by a bacterial
                           organism
IDDC  M  J40  -J42   B203  Suba must be caused by a viral organism
IDDC  M  J40  -J42   B208  Causative organism of suba not reported
IDDC  M  J840 -J841  B238  Suba must be a non-infectious condition
                           or stated idiopathic
IDDC  M  J840 -J848  B201  Suba must be caused by a bacterial
                           organism
IDDC  M  J840 -J848  B203  Suba must be caused by a viral organism
IDDC  M  J840 -J848  B208  Causative organism of suba is not
                           reported and suba must be an infectious
                           condition
IDDC  M  J848         B238  Suba must be a non-infectious condition
                           or stated idiopathic
IDDC  M  J849 -J8490 B208  Suba must be interstitial pneumonia
IDDC  M  J850         B201  Suba must be an infectious condition
                           caused by a bacterial organism
IDDC  M  J850         B203  Maybe Not
IDDC  M  J850         B208  Maybe Not
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IDDC	M	J851 -J869	B201	Suba must be caused by a bacterial organism
IDDC	M	J851 -J869	B203	Suba must be caused by a viral organism
IDDC	M	J851 -J869	B208	Causative organism of suba not reported
IDDC	M	J961	B238	Suba must be a non-infectious condition
IDDC	M	J980 -J989	B238	Suba must be a non-infectious condition
IDDC	M	J984	B201	Suba must be infection lung and caused by a bacterial organism
IDDC	M	J984	B208	Suba must be infection lung with causative organism not reported
IDDC	M	J985	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	J985	B203	Suba must be an infectious condition caused by a viral organism
IDDC	M	J985	B208	Suba must be an infectious condition with causative organism not reported
IDDC	M	J988	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	J988	B203	Suba must be an infectious condition caused by a viral organism
IDDC	M	J988	B208	Suba must be an infectious condition with causative organism not reported
IDDC	M	K120 -K137	B238	Suba must be a non-infectious condition
IDDC	M	K121 -K122	B201	Suba must be caused by a bacterial organism
IDDC	M	K121 -K122	B203	Suba must be caused by a viral organism
IDDC	M	K121 -K122	B208	Causative organism of suba not reported
IDDC	M	K20 -K210	B201	Suba must be caused by a bacterial organism
IDDC	M	K20 -K210	B203	Suba must be caused by a viral organism
IDDC	M	K20 -K210	B208	Causative organism of suba not reported
IDDC	M	K221	B238	Suba must be a non-infectious condition
IDDC	M	K290 -K291	B201	Suba must be caused by a bacterial organism
IDDC	M	K290 -K291	B203	Suba must be caused by a viral organism
IDDC	M	K290 -K291	B208	Causative organism of suba not reported
IDDC	M	K293 -K299	B201	Suba must be caused by a bacterial organism
IDDC	M	K293 -K299	B203	Suba must be caused by a viral organism
IDDC	M	K293 -K299	B208	Causative organism of suba not reported
IDDC	M	K550 -K559	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	K550 -K559	B203	Suba must be an infectious condition caused by a viral organism
IDDC	M	K550 -K559	B208	Suba must be an infectious condition with causative organism not reported
IDDC	M	K550 -K559	B238	Suba must be a non-infectious condition
IDDC	M	K580	B201	Suba must be caused by a bacterial organism
IDDC	M	K580	B203	Suba must be caused by a viral organism
IDDC	M	K580	B208	Causative organism of suba not reported
IDDC	M	K610 -K614	B201	Suba must be caused by a bacterial organism
IDDC	M	K610 -K614	B203	Suba must be caused by a viral organism
IDDC	M	K610 -K614	B208	Causative organism of suba not reported

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  CONTINUED

IDDC	M	K628		B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	K628		B203	Suba must be an infectious condition caused by a viral organism
IDDC	M	K628		B208	Suba must be an infectious condition with causative organism not reported
IDDC	M	K628		B238	Suba must be a non-infectious condition
IDDC	M	K630		B201	Suba must be caused by a bacterial organism
IDDC	M	K630		B203	Suba must be caused by a viral organism
IDDC	M	K630		B208	Suba must be an infectious condition with causative organism not reported
IDDC	M	K632		B201	Suba must be caused by a bacterial organism
IDDC	M	K632		B203	Suba must be caused by a viral organism
IDDC	M	K632		B208	Suba must be an infectious condition with causative organism not reported
IDDC	M	K638		B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	K638		B203	Suba must be an infectious condition caused by a viral organism
IDDC	M	K638		B208	Suba must be an infectious condition with causative organism not reported
IDDC	M	K638		B238	Suba must be a non-infectious condition
IDDC	M	K650	-K659	B201	Suba must be caused by a bacterial organism
IDDC	M	K650	-K659	B203	Suba must be caused by a viral organism
IDDC	M	K650	-K659	B208	Causative organism of suba not reported
IDDC	M	K720	-K729	B201	Suba must be acute hepatitis caused by a bacterial organism
IDDC	M	K720	-K7290	B238	Suba must be a non-infectious condition
IDDC	M	K750	-K759	B201	Suba must be caused by a bacterial organism
IDDC	M	K750	-K759	B203	Suba must be caused by a viral organism
IDDC	M	K750	-K759	B208	Causative organism of suba not reported
IDDC	M	K810	-K819	B201	Suba must be caused by a bacterial organism
IDDC	M	K810	-K819	B203	Suba must be caused by a viral organism
IDDC	M	K810	-K819	B208	Causative organism of suba not reported
IDDC	M	K830		B201	Suba must be caused by a bacterial organism
IDDC	M	K830		B203	Suba must be caused by a viral organism
IDDC	M	K830		B208	Causative organism of suba not reported
IDDC	M	K85		B201	Suba must be caused by a bacterial organism
IDDC	M	K85		B203	Suba must be caused by a viral organism
IDDC	M	K85		B208	Causative organism of suba not reported
IDDC	M	K861		B201	Suba must be caused by a bacterial organism
IDDC	M	K861		B203	Suba must be caused by a viral organism
IDDC	M	K861		B208	Causative organism of suba not reported
IDDC	M	L00		B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	L00		B203	Suba must be an infectious condition caused by a viral organism

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   CONTINUED
IDDC  M  L00            B208   Causative organism of suba not reported
IDDC  M  L020 -L029     B201   Suba must be an infectious condition
                               caused by a bacterial organism
IDDC  M  L020 -L029     B203   Suba must be an infectious condition
                               caused by a viral organism
IDDC  M  L020 -L029     B208   Causative organism of suba not reported
IDDC  M  L031 -L039     B201   Suba must be an infectious condition
                               caused by a bacterial organism
IDDC  M  L031 -L039     B203   Suba must be an infectious condition
                               caused by a viral organism
IDDC  M  L031 -L039     B208   Causative organism of suba not reported
IDDC  M  L089           B201   Suba must be an infectious condition
                               caused by a bacterial organism
IDDC  M  L089           B203   Suba must be an infectious condition
                               caused by a viral organism
IDDC  M  L089           B208   Causative organism of suba not reported
IDDC  M  L950 -L959     B201   Suba must be caused by a bacterial
                               organism
IDDC  M  L950 -L959     B203   Suba must be caused by a viral organism
IDDC  M  L950 -L959     B208   Causative organism of suba not reported
IDDC  M  M000 -M1990    B201   Suba must be an infectious condition
                               caused by a bacterial organism
IDDC  M  M000 -M1990    B203   Suba must be an infectious condition
                               caused by a viral organism
IDDC  M  M000 -M1990    B208   Suba must be an infectious condition
                               with causative organism not reported
IDDC  M  M300 -M308     B201   Suba must be an infectious condition
                               caused by a bacterial organism
IDDC  M  M300 -M308     B203   Suba must be an infectious condition
                               caused by a viral organism
IDDC  M  M300 -M308     B208   Suba must be an infectious condition
                               with causative organism not reported
IDDC  M  M310 -M319     B238   Suba must be a non-infectious condition
IDDC  M  M330 -M339     B201   Suba must be caused by a bacterial
                               organism
IDDC  M  M330 -M339     B203   Suba must be caused by a viral organism
IDDC  M  M330 -M339     B208   Causative organism of suba not reported
IDDC  M  M354           B201   Suba must be caused by a bacterial
                               organism
IDDC  M  M354           B203   Suba must be caused by a viral organism
IDDC  M  M354           B208   Causative organism of suba not reported
IDDC  M  M356           B201   Suba must be caused by a bacterial
                               organism
IDDC  M  M356           B203   Suba must be caused by a viral organism
IDDC  M  M356           B208   Causative organism of suba not reported
IDDC  M  M45  -M479     B201   Suba must be an infectious condition
                               caused by a bacterial organism
IDDC  M  M45  -M479     B203   Suba must be an infectious condition
                               caused by a viral organism
IDDC  M  M45  -M479     B208   Suba must be an infectious condition
                               with causative organism not reported
IDDC  M  M720 -M729     B201   Suba must be an infectious condition
                               caused by a bacterial organism
IDDC  M  M720 -M729     B203   Suba must be an infectious condition
                               caused by a viral organism
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IDDC	M	M720 -M729	B208	Suba must be an infectious condition with causative organism not reported
IDDC	M	M720 -M729	B238	Suba must be a non-infectious condition
IDDC	M	M860 -M869	B201	Suba must be caused by a bacterial organism
IDDC	M	M860 -M869	B203	Suba must be caused by a viral organism
IDDC	M	M860 -M869	B208	Causative organism of suba not reported
IDDC	M	M939	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	M939	B203	Suba must be an infectious condition caused by a viral organism
IDDC	M	M939	B208	Suba must be an infectious condition with causative organism not reported
IDDC	M	M939	B238	Suba must not be infectious condition
IDDC	M	M949	B238	Suba must not be infectious condition
IDDC	M	N000 -N019	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	N000 -N019	B208	Causative organism of suba not reported
IDDC	M	N030 -N039	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	N030 -N039	B208	Causative organism of suba not reported
IDDC	M	N050 -N059	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	N050 -N059	B208	Causative organism of suba not reported
IDDC	M	N10 -N12	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	N10 -N12	B208	Causative organism of suba not reported
IDDC	M	N136	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	N136	B208	Causative organism of suba not reported
IDDC	M	N151	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	N151	B208	Causative organism of suba not reported
IDDC	M	N158 -N159	B238	Suba must be a non-infectious condition
IDDC	M	N159	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	N159	B208	Causative organism of suba not reported
IDDC	M	N188	B238	Suba must be a non-infectious condition
IDDC	M	N288	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	N288	B208	Suba must be an infectious condition with causative organism not reported
IDDC	M	N288	B238	Suba must be a non-infectious condition
IDDC	M	N300 -N303	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	N300 -N303	B208	Suba must be an infectious condition with causative organism not reported
IDDC	M	N308 -N309	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	N308 -N309	B208	Suba must be an infectious condition with causative organism not reported
IDDC	M	N340 -N342	B201	Suba must be an infectious condition caused by a bacterial organism
IDDC	M	N340 -N342	B208	Suba must be an infectious condition with causative organism not reported

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--- R75   ---
  CONTINUED
IDDC  M  N390          B201  Suba must be an infectious condition
                             caused by a bacterial organism
IDDC  M  N390          B208  Suba must be an infectious condition
                             with causative organism not reported
IDDC  M  N410 -N419    B201  Suba must be caused by a bacterial
                             organism
IDDC  M  N450 -N459    B201  Suba must be caused by a bacterial
                             organism
IDDC  M  N481 -N482    B201  Suba must be caused by a bacterial
                             organism
IDDC  M  N490 -N499    B201  Suba must be caused by a bacterial
                             organism
IDDC  M  N61           B208  Causative organism of suba not reported
IDDC  M  N700 -N768    B208  Causative organism of suba not reported
IDDC  M  N820 -N829    B208  Causative organism of suba not reported
IDDC  M  N820 -N829    B238  Suba must be a non-infectious condition

--- R798  ---

DSC   M  E100          E107  Addr must be acetonemia
DSC   M  E102 -E106    E107  Addr must be acetonemia
DSC   M  E109          E101  Addr must be acetonemia
DSC   M  E110          E117  Addr must be acetonemia
DSC   M  E112 -E116    E117  Addr must be acetonemia
DSC   M  E119          E111  Addr must be acetonemia
DSC   M  E120          E127  Addr must be acetonemia
DSC   M  E122 -E126    E127  Addr must be acetonemia
DSC   M  E129          E121  Addr must be acetonemia
DSC   M  E130          E137  Addr must be acetonemia
DSC   M  E132 -E136    E137  Addr must be acetonemia
DSC   M  E139          E131  Addr must be acetonemia
DSC   M  E140          E147  Addr must be acetonemia
DSC   M  E142 -E146    E147  Addr must be acetonemia
DSC   M  E149          E141  Addr must be acetonemia

--- R823  ---

IDDC  M  D599          D596  Suba must be acquired hemolytic anemia
                             not qualified as idiopathic
IDDC  M  N049          N170  Suba must be nephrosis

--- V010 -V637  ---

DS   M  G400 -G419           Addr must be stated due to epilepsy in
                             Part II

--- V640 -V735  ---

DS   M  G400 -G419           Addr must be stated due to epilepsy in
                             Part II

--- V737  ---

DS   M  G400 -G419           Addr must be stated due to epilepsy in
                             Part II
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--- V749 -V757  ---

DS    M  G400 -G419         Addr must be stated due to epilepsy in
                            Part II

--- V760 -V828  ---

DS    M  G400 -G419         Addr must be stated due to epilepsy in
                            Part II

--- V830 -X19   ---

DS    M  G400 -G419         Addr must be stated due to epilepsy in
                            Part II

--- X30  -X32   ---

DS    M  G400 -G419         Addr must be stated due to epilepsy in
                            Part II

--- X39   ---

DS    M  G400 -G419         Addr must be stated due to epilepsy in
                            Part II

--- X47   ---

LMP   M  F102               Addr must be alcohol vapor

--- X49   ---

LMP   M  F172               Addr must be tobacco

--- X50  -X59   ---

DS    M  G400 -G419         Addr must be stated due to epilepsy in
                            Part II

--- Y16  -Y18   ---

LMP   M  F162               Addr must be a dependence substance
LMP   M  F182               Addr must be a dependence substance
LMP   M  F192               Addr must be a dependence substance

--- Y19   ---

LMP   M  F162               Addr must be a dependence substance
LMP   M  F172               Addr must be a dependence substance
LMP   M  F182               Addr must be a dependence substance
LMP   M  F192               Addr must be a dependence substance

--- Y850 -Y86   ---

DS    M  G400 -G419         Addr must be stated due to epilepsy in
                            Part II
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--- Y872 ---

DS   M G400 -G419   Addr must be stated due to epilepsy in
                           Part II

Table G

CODE CONVERSIONS

Created codes and their complimentary valid ICD-10 codes

Condition Code Selected as
      Underlying Cause   Converts To

A1690	A169
E0390	E039
G1220	G122
G2000	G20
G3090	G309
G3500	G35
I4200	I420
I4210	I421
I4220	I422
I4250	I425
I4280	I428
I4290	I429
I5000	I500
I5140	I514
I5150	I515
I6000	I600
I6060	I606
I6070	I607
I6080	I608
I6090	I609
J1010	J101
J1110	J111
J8410	J841
J8490	J849
J9840	J984
K3190	K319
K5500	K550
K6310	K631
K7200	K720
K7210	K721
K7290	K729
M1990	M199
Q2780	Q278
Q2820	Q282
Q2830	Q283
R5800	R58
R97	R99

(For application of Rule B in assigning
underlying causes of death)

CODE	**CATEGORY OR SUBCATEGORY**
A31.1	Cutaneous mycobacterial infection
A42.8	Other forms of cutaneous actinomycosis
A60.0	Herpesviral infection of genitalia and urogenital tract
A71.0 - A71.9	Trachoma
A74.0	Chlamydial conjunctivitis
B00.2	Herpesviral gingivostomatitis and pharyngotonsillitis
B00.5	Herpesviral ocular disease
B00.8	Other forms of herpesviral infection
B07	Viral warts
B08.1	Molluscum contagiosum
B08.8	Other specified viral infections characterized by skin and mucous membrane lesion
B30.0 - B30.9	Viral conjunctivitis
B35.0 - B35.9	Dermatophytosis
B36.0 - B36.9	Other superficial mycoses
B85.0 - B85.4	Pediculosis and phthiriasis

F45.3 - F45.9	Somatoform disorders
F50.1,F50.3 - F50.9	Eating disorders
F51.0 - F51.9	Nonorganic sleep disorders
F52.0 - F52.9	Sexual dysfunction, not caused by organic disorder or disease
F60.0 - F60.9	Specific personality disorders
F61	Mixed and other personality disorders
F62.0 - F62.9	Enduring personality changes, not attributable to brain damage and disease
F63.0 - F63.9	Habit and impulse disorders
F64.0 - F64.9	Gender identity disorders
F65.0 - F65.9	Disorders of sexual preference
F66.0 - F66.9	Psychological and behavior disorders associated with sexual development and orientation
F68.0 - F68.8	Other disorders of adult personality and behavior
F69	Unspecified disorder of adult personality and behavior
F95.0 - F95.9	Tic disorders
F98.0 - F98.9	Other behavioral and emotional disorders with onset usually occurring in childhood and adolescence
G43.0 - G43.2 G43.8 - G43.9	Migraine, except complicated migraine (G43.3)

G44.0 - G44.2	Other headache syndromes
G45.0 - G45.9	Transient cerebral ischaemic attacks and related syndromes.
G50.0 - G50.9	Disorders of trigeminal nerve
G51.0 - G51.9	Facial nerve disorders
G54.0 - G54.9	Nerve root and plexus disorders
G56.0 - G56.9	Mononeuropathies of upper limb
G57.0 - G57.9	Mononeuropathies of lower limb
G58.7	Mononeuritis multiplex
H00.0 - H00.1	Hordeolum and chalazion
H01.0 - H01.9	Other inflammation of eyelid
H02.0 - H02.9	Other disorders of eyelid
H04.0 - H04.9	Disorders of lacrimal system
H10.0 - H10.9	Conjunctivitis
H11.0 - H11.9	Other disorders of conjunctiva
H15.0 - H15.9	Disorders of sclera
H16.0 - H16.9	Keratitis
H17.0 - H17.9	Corneal scars and opacities
H18.0 - H18.9	Other disorders of cornea

H20.0 - H20.9	Iridocyclitis
H21.0 - H21.9	Other disorders of iris and ciliary body
H25.0 - H25.9	Senile cataract
H26.0 - H26.9	Other cataract
H27.0 - H27.9	Other disorders of lens
H30.0 - H30.9	Chorioretinal inflammation
H31.0 - H31.9	Other disorders of choroid
H33.0 - H33.5	Retinal detachments and breaks
H34.0 - H34.9	Retinal vascular occlusions
H35.0 - H35.9	Other retinal disorders
H40.0 - H40.9	Glaucoma
H43.0 - H43.9	Disorders of vitreous body
H46	Optic neuritis
H47.0 - H47.7	Other disorders of optic (2nd) nerve and visual pathways
H49.0 - H49.9	Paralytic strabismus
H50.0 - H50.9	Other strabismus
H51.0 - H51.9	Other disorders of binocular movement
H52.0 - H52.7	Disorders of refraction and accommodation
H53.0 - H53.9	Visual disturbances

H54.0 - H54.7	Blindness and low vision
H55	Nystagmus and other irregular eye movements
H57.0 - H57.9	Other disorders of eye and adnexa
H60.0 - H60.9	Otitis externa
H61.0 - H61.9	Other disorders of external ear
H80.0 - H80.9	Otosclerosis
H83.3 - H83.9	Other diseases of inner ear
H90.0 - H90.8	Conductive and sensorineural hearing loss
H91.0 - H91.9	Other hearing loss
H92.0 - H92.2	Otalgia and effusion of ear
H93.0 - H93.9	Other disorders of ear, not elsewhere classified
J00	Acute nasopharyngitis (common cold)
J06.0 - J06.9	Acute upper respiratory infections of multiple and unspecified sites
J30.0 - J30.4	Vasomotor and allergic rhinitis
J33.0 - J33.9	Nasal polyp
J34.2	Deviated nasal septum
J35.0 - J35.9	Chronic disease of tonsils and adenoids
K00.0 - K00.9	Disorders of tooth development and eruption

K01.0 - K01.1   Embedded and impacted teeth

K02.0 - K02.9   Dental caries

K03.0 - K03.9   Other diseases of hard tissues of teeth

K04.0 - K04.9   Diseases of pulp and periapical tissues

K05.0 - K05.6   Gingivitis and periodontal diseases

K06.0 - K06.9   Other disorders of gingiva and edentulous alveolar ridge

K07.0 - K07.9   Dentofacial anomalies (including malocclusion)

K08.0 - K08.9   Other disorders of teeth and supporting structures

K09.0 - K09.9   Cyst of oral region, not elsewhere classified

K10.0 - K10.9   Other diseases of jaws

K11.0 - K11.9   Diseases of the salivary glands

K14.0 - K14.9   Diseases of tongue

L01.0 - L01.1   Impetigo

L03.0   Cellulitis of finger and toe.

L04.0 - L04.9   Acute lymphadenitis

L05.0 - L05.9   Pilonidal cyst

L08.0 - L08.8   Other infections of skin and subcutaneous tissue

L20.0 - L20.9   Atophic dermatitis

L21.0 - L21.9   Seborrhoeic dermatitis

L22   Diaper (napkin) dermatitis

L23.0 - L23.9   Allergic contact dermatitis

L24.0 - L24.9   Irritant contact dermatitis

L25.0 - L25.9   Unspecified contact dermatitis

L28.0 - L28.2   Lichen simplex chronicus and prurigo

L29.0 - L29.9   Pruritus

L30.0 - L30.9   Other dermatitis

L41.0 - L41.9   Parapsoriasis

L42   Pityriasis rosea

L43.0 - L43.9   Lichen planus

L44.0 - L44.9   Other papulosquamous disorders

L55.0 - L55.1   Sunburn, except sunburn of third degree (L55.2)
L55.8 - L55.9

L56.0 - L56.9   Other acute skin changes due to ultraviolet radiation

L57.0 - L57.9   Skin changes due to chronic exposure to nonionizing
                             radiation

L58.0 - L58.9   Radiodermatitis

L59.0 - L59.9   Other disorders of skin and subcutaneous tissue related to
                             radiation

L60.0 - L60.9   Nail disorders

L63.0 - L63.9   Alopecia areata

L64.0 - L64.9   Androgenic alopecia

L65.0 - L65.9   Other nonscarring hair loss

L66.0 - L66.9   Cicatricial alopecia (scarring hair loss)

L67.0 - L67.9   Hair colour and hair shaft abnormalities

L68.0 - L68.9   Hypertrichosis

L70.0 - L70.9   Acne

L72.0 - L72.9   Follicular cysts of skin and subcutaneous tissue

L73.0 - L73.9   Other follicular disorders

L74.0 - L74.9   Eccrine sweat disorders

L75.0 - L75.9   Aprocrine sweat disorders

L80   Vitiligo

L81.0 - L81.9   Other disorders of pigmentation

L83   Acanthosis nigricans

L84   Corns and callosities

L85.0 - L85.9   Other epidermal thickening

L87.0 - L87.9   Transepidermal elimination disorders

L90.0 - L90.9   Atrophic disorders of skin

L91.0 - L91.9   Hypertrophic disorders of skin

L92.0 - L92.9	Granulomatous disorders of skin and subcutaneous tissue
L94.0 - L94.9	Other localized connective tissue disorders
L98.0 - L98.3 L98.5 - L98.9	Other disorders of skin and subcutaneous tissue, not elsewhere classified
M20.0 - M20.6	Acquired deformities of fingers and toes
M21.0 - M21.9	Other acquired deformities of limbs
M22.0 - M22.9	Disorders of patella
M23.0 - M23.9	Internal derangement of knee
M24.0 - M24.9	Other specific joint derangements
M25.0 - M25.9	Other joint disorders, not elsewhere classified
M35.3	Polymyalgia rheumatica
M40.0 - M40.5	Kyphosis and lordosis
M43.6	Torticollis, unspecified
M43.8 - M43.9	Other and deforming dorsopathies
M48.0	Spinal stenosis
M53.0 - M53.9	Other dorsopathies, not elsewhere classified
M54.0 - M54.9	Dorsalgia
M60.0 - M60.9	Myositis
M65.0 - M65.9	Synovitis and tenosynovitis

M66.0 - M66.5   Spontaneous rupture of synovium and tendon

M67.0 - M67.9   Other disorders of synovium and tendon

M70.0 - M70.9   Soft tissue disorders related to use, overuse and pressure

M71.0 - M71.9   Other bursopathies

M75.0 - M75.9   Shoulder lesions

M76.0 - M76.9   Enthesopathies of lower limb, excluding foot

M77.0 - M77.9   Other enthesopathies

M79.0 - M79.9   Other soft tissue disorders, not elsewhere classified

M95.0 - M95.9   Other acquired deformities of musculoskeletal system
                   and connective tissue

M99.0 - M99.9   Biomechanical lesions, not elsewhere classified

N39.3   Stress incontinence

N46   Male infertility

N47   Redundant prepuce, phimosis, and paraphimosis

N60.0 - N60.9   Benign mammary dysplasia

N84.0 - N84.9   Polyp of female genital tract

N85.0 - N85.9   Other noninflammatory disorders of uterus, except cervix

N86   Erosion and ectropion of cervix uteri

N87.0 - N87.9   Dysplasia of cervix uteri

N88.0 - N88.9	Other noninflammatory disorders of cervix uteri
N89.0 - N89.9	Other noninflammatory disorders of vagina
N90.0 - N90.9	Other noninflammatory disorders of vulva and perineum
N91.0 - N91.5	Absent, scanty, and rare menstruation
N92.0 - N92.6	Excessive, frequent, and irregular menstruation
N93.0 - N93.9	Other abnormal uterine and vaginal bleeding
N94.0 - N94.9	Pain and other conditions associated female genital organs and menstrual cycle
N96	Habitual aborter
N97.0 - N97.9	Female infertility
Q10.0 - Q10.7	Congenital malformations of eyelid, lacrimal apparatus, and orbit
Q11.0 - Q11.3	Anophthalmos, microphthalmos and macrophthalmos
Q12.0 - Q12.9	Congenital lens malformations
Q13.0 - Q13.9	Congenital malformations of anterior segment of eye
Q14.0 - Q14.9	Congenital malformations of posterior segment of eye
Q15.0 - Q15.9	Other congenital malformations of eye
Q16.0 - Q16.9	Congenital malformations of ear causing impairment of hearing
Q17.0 - Q17.9	Other congenital malformations of ear

Q18.0 - Q18.9	Other congenital malformations of face and neck
Q38.1	Ankyloglossia
Q65.0 - Q65.9	Congenital deformities of hip
Q66.0 - Q66.9	Congenital deformities of feet
Q67.0 - Q67.8	Congenital musculoskeletal deformities of head, face, spine and chest
Q68.0 - Q68.8	Other congenital musculoskeletal deformities
Q69.0 - Q69.9	Polydactyly
Q70.0 - Q70.9	Syndactyly
Q71.0 - Q71.9	Reduction defects of upper limb
Q72.0 - Q72.9	Reduction defects of lower limb
Q73.0 - Q73.8	Reduction defects of unspecified limb
Q74.0 - Q74.9	Other congenital malformations of limb(s)
Q80.0 - Q80.3 Q80.8 - Q80.9	Congenital ichthyosis, except Harlequin fetus (Q80.4)
Q81.0	Epidermolysis bullosa
Q81.2 - Q81.9	Other forms of epidermolysis bullosa, except epidermolysis bullosa letalis (Q81.1)
Q82.0 - Q82.9	Other congenital malformations of skin
Q83.0 - Q83.9	Congenital malformations of breast

Q84.0 - Q84.9	Other congenital malformations of integument
S00.0 - S00.9	Superficial injury of head
S05.0, S05.1, S05.8	Superficial injuries (any type) of eye and orbit (any part)
S10.0 - S10.9	Superficial injury of neck
S20.0 - S20.8	Superficial injury of thorax
S30.0 - S30.9	Superficial injury of abdomen, lower back and pelvis
S40.0 - S40.9	Superficial injury of shoulder and upper arm
S50.0 - S50.9	Superficial injury of forearm
S60.0 - S60.9	Superficial injury of wrist and hand
S70.0 - S70.9	Superficial injury of hip and thigh
S80.0 - S80.9	Superficial injury of lower leg
S90.0 - S90.9	Superficial injury of ankle and foot
T09.0	Superficial injury of trunk, level unspecified
T11.0	Superficial injury of upper limb, level unspecified
T13.0	Superficial injury of lower limb, level unspecified
T14.0	Superficial injury of unspecified body region
T20.1	Burn of first degree of head and neck
T21.1	Burn of first degree of trunk

T22.1	Burn of first degree of shoulder and upper limb, except wrist and hand
T23.1	Burn of first degree of wrist and hand
T24.1	Burn of first degree of hip and lower limb except ankle and foot
T25.1	Burn of first degree of ankle and foot