

The Centers for Disease Control and Prevention's Vessel Sanitation Program is proud to bring to you the following session:

Overview of the Vessel Sanitation Program

While this presentation is primarily intended for cruise vessels under the jurisdiction of the Vessel Sanitation Program it may also be used by anyone who is interested in this topic.

This session should not be used as a replacement for existing interactive training but should be used as an adjunct to a comprehensive training program.



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Program Overview

Vessel Sanitation Program 2007



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Mission

- To protect the health of passengers and crew by minimizing the risk of gastrointestinal illness on cruise ships.
- The program assists the cruise ship industry to develop and implement comprehensive sanitation programs.



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VSP Staff

- Atlanta, Georgia
 - 3 Inspectors
 - 1 Public Health Analyst
 - 1 Administrative Assistant
 - 1 Physician (contract)
- Ft. Lauderdale, Florida
 - 5 Inspectors
 - 1 Administrative Assistant



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VSP History

1970-1975

1975

1980

1987

1988

Routine sanitation inspections of all arriving vessels
 Significant risk associated with cruise ships
 WHO "Guide to Ship Sanitation"

Compliance to minimum levels and
 that of GI
 results
 the public

consultation on 1986
 discontinued
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User fees charged to support 100% of VSP budget

Components:
 inspections
 ions
 sultation
 outbreaks
 on of inspection

Cost for 2002 = \$0.03/passenger/day



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Structure Fiscal Year 2006/2007

Vessel Size	Fees
Extra Small < 3,001	\$ 1,300
Small 3,001 – 15,000	\$ 2,600
Medium 15,001 – 30,000	\$ 5,200
Large 30,001 – 60,000	\$ 7,800
Extra Large 60,001-120,000	\$10,400
Mega > 120,001	\$ 15,600



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VSP Jurisdiction

- Cruise vessels that:
 - Carry 13 or more passengers
 - International Itinerary
 - Call on U.S. Ports
- 2005
 - 150+ vessels
 - 10+ million passengers



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Arabella

Length 50m

Pax 49



Freedom of the Seas

Length 339 m

GRT 158,000

Passengers 3,600

Crew 1,360



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VSP Components

- Inspections



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Vessel Sanitation Program Operations Manual

August 2005



U.S. Public Health Service
Centers for Disease Control
and Prevention
National Center for Environmental Health



Based on:

- Previous VSP Operations Manuals
- Food and Drug Administration's FDA Model Food Code 1999
- WHO Guide to Ship Sanitation



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**SUMMARY FOR THE WEEK ENDING JANUARY 5, 2001
SANITATION INSPECTIONS OF INTERNATIONAL CRUISE SHIPS**

Name of Vessel Sailing from U.S. Ports	Date of Inspection	Score
Aegean I	12/09/99	52
Albatross	09/20/00	86
Amsterdam	10/30/00	93
Arcadia	11/30/00	96
Arkona	02/01/99	89
Astor	01/15/99	91
Asuka	06/22/00	94
Big Red Boat II	09/11/00	94
Big Red Boat III	09/09/00	92
Bolero	01/04/00	89
C. Columbus	09/04/00	96
Carnival Destiny	07/29/00	94
Carnival Triumph	08/19/00	97
Carnival Victory	09/28/00	97
Caronia	02/29/00	90
Celebration	06/18/00	92
Century	10/20/00	93
Clipper Adventurer	09/19/00	97
Club Med 2	04/06/00	77
Contessa 1	01/11/00	93
Costa Atlantica	11/19/00	98
Costa Romantica	04/05/00	90
Costa Victoria	04/16/00	89
Crown Dynasty	10/11/00	93
Crown Princess	08/27/00	94
Crystal Harmony	08/14/00	96
Crystal Symphony	01/20/00	100
Dawn Princess	12/09/00	96
Delphin	09/23/00	85
Discovery Sun	11/07/00	95
Disney Magic	05/15/00	96
Disney Wonder	07/23/00	95
Dolphin IV	06/30/00	88
Ecstasy	10/20/00	94
Elation	08/06/00	98
Emerald	03/20/00	90
Enchanted Capri	06/16/00	93
Enchanted Isle	04/29/00	89
Enchanted Sun	04/10/00	89
Enchantment of the Seas	06/11/00	94
Europa	11/10/00	96
Fantasy	10/29/00	93
Fascination	05/20/00	96
Flamenco	02/12/00	95
Fuji Maru	03/31/00	92
Galaxy	12/08/00	95
Grand Princess	05/14/00	97

Name of Vessel Sailing from U.S. Ports	Date of Inspection	Score
Grande Caribe	09/19/00	93
Grande Mariner	09/17/00	87
Grandeur of the Seas	10/17/00	97
Hanseatic	09/15/00	97
Holiday	09/11/00	97
Horizon	06/03/00	92
Imagination	09/28/00	96
Inspiration	06/25/00	95
Island Adventure	08/30/00	90
Island Dawn (Discovery)	10/16/99	88
Jubilee	10/06/00	93
Le Levant	09/30/00	91
Legacy	05/21/00	79
Maasdam	10/18/00	96
Majesty of the Seas	08/18/00	90
Maxim Gorkiy	04/26/00	90
Melody	04/02/00	90
Mercury	10/15/00	98
Monarch of the Seas	08/21/00	91
Nantucket Clipper	10/14/00	88
Niagra Prince	08/26/00	88
Nieuw Amsterdam	08/13/00	89
Nippon Maru	06/12/00	99
Noordam	12/20/99	93
Nordic Empress	10/15/00	99
Norway	10/18/00	93
Norwegian Dream	11/26/00	93
Norwegian Majesty	11/17/00	92
Norwegian Sea	11/05/00	90
Norwegian Sky	10/19/00	97
Norwegian Wind	07/12/00	98
Ocean Breeze	04/20/00	95
Ocean Princess	09/14/00	100
Oceanic	08/28/00	91
Oriana	01/27/00	98
Orient Venus	03/30/00	69
Pacific Princess	09/10/00	94
Pacific Venus	04/28/00	87
Palm Beach Princess	05/16/00	86
Paradise	09/03/00	87
Queen Elizabeth 2	07/31/00	88
Radisson Diamond	04/03/00	94
Regal Empress	12/16/00	89
Regal Princess	08/11/00	93
Regal Voyager	06/26/00	88
Rambrandt	05/06/00	94
Rhapsody of the Seas	10/08/00	94
Rotterdam	12/06/99	91

Name of Vessel Sailing from U.S. Ports	Date of Inspection	Score
Royal Princess	03/11/00	94
Ryndam	11/04/00	96
Scotia Prince	09/25/00	92
Sea Bird	09/19/00	96
Sea Lion	08/12/00	92
Sea Princess	07/13/00	96
Seabourn Goddess I	04/07/00	90
Seabourn Goddess II	12/05/99	94
Seabourn Legend	11/28/00	95
Seabourn Pride	10/16/00	95
Seabourn Sun	08/15/00	94
Sensation	07/16/00	92
Seven Seas Navigator	06/03/00	98
Silver Cloud	10/10/99	98
Silver Shadow	10/24/00	97
Silver Wind	09/22/00	96
Sky Princess	09/13/00	91
Sovereign of the Seas	07/16/00	94
Spirit of Columbia	09/16/00	95
Splendour of the Seas	09/24/00	90
Statendam	05/10/00	94
Stella Solaris	01/17/00	93
Sun Princess	08/10/00	93
Topaz	04/08/00	77
Tropicale	11/04/00	86
Universe Explorer	06/02/00	96
Veendam	10/05/00	86
Victoria	03/08/99	92
Viking Serenade	08/07/00	86
Vision of the Seas	06/02/00	95
Vistamar	01/29/00	33
Volendam	10/23/00	98
Voyager of the Sea	11/12/00	92
Westerdam	07/11/00	92
Wind Spirit	04/09/00	93
Yorktown Clipper	09/15/00	90
Zaandam	09/02/00	93
Zenith	09/09/00	96

This publication is now available via INTERNET, at <http://www2.cdc.gov/ncph/vsp/vspmain.asp> or by the CDC fax-back service by dialing 888-232-6789 and requesting Document No. 510051.

Legend:

All passenger cruise ships arriving at U.S. ports are subject to unannounced inspection under the voluntary cooperative inspection program. The purpose of these inspections is to achieve levels of sanitation that will minimize the potential for gastrointestinal disease outbreaks on these ships. Such outbreaks are infrequent, but may be serious when they do occur. Ships are rated on the following items to determine if they meet CDC sanitation standards:

1. Water
2. Food preparation and holding
3. Potential contamination of food
4. General cleanliness, storage, and repair

In the past, a score of 86 or higher was reported as Satisfactory and a score of 85 and below was reported as Not Satisfactory. Ships unable to achieve a score of at least 86 on a routine periodic inspection will receive a reinspection within a reasonable time frame depending upon ship schedules and receipt of the "Statement of Corrective Action" from the ship's management.

A score of 86 or higher at the time of the inspection indicates that the

ship is providing an accepted standard of sanitation. In general, the lower the score the lower the level of sanitation; however, a low score does not necessarily imply an imminent risk of an outbreak of gastrointestinal disease. CDC reserves the right to recommend that a ship not sail when circumstances so dictate (such as, but not restricted to, contamination of the potable water supply or inadequate treatment of the potable water supply).

A notation of "Rev" in the score column indicates the inspection results are under review at the request of the owner/operator.

(●) indicates inspections during the previous two weeks.

A copy of the most recent sanitation inspection report on an individual vessel may be obtained by writing to:

Chief, Vessel Sanitation Program
National Center for Environmental Health
4770 Buford Hwy., NE, Mailstop F-16
Atlanta, GA 30341-3724



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VSP Home > Advanced Cruise Ship Inspection Search

Advanced Cruise Ship Inspection Search

Basic Search | Advanced Search | Ship Scored 100 | Green Sheet

Select a Cruise Ship or Cruise Line

To select more than one cruise ship, hold down the *Ctrl Key* and click on the cruise ship's name.

Cruise Ships ** All Vessel Inspection Scores
Adventure Of The Seas
AIDAdiva
Albatross
Amsterdam
Arabella

To select more than one cruise line, hold down the *Ctrl Key* and click on the cruise line's name.

Cruise Lines ** All Cruise line Inspection Scores
Aker Finnyards
American Canadian Caribbean Lin
American Safari Cruises
American West Steamboat Compai
Carnival Cruise Lines, Inc.

Select an Inspection Date Criteria

- Most Recent Date
All Dates
Date Between

(AND) Date From Date To

Click on the calendar to select a date.

Select a Score Criteria

- All

Note: Click on the **Item no.** to view the item detail.

Item No.	Description	Points Deducted	Selected Item Details
			Item No.: 08
08	PW filling hoses, caps, connections, procedures; Sample records, valves; PW system constructed, maintained	0	<p>Site: Buffet-LIDO SERVICE</p> <p>Violation: TWO LEAKING BACKFLOW PREVENTERS WERE NOTED IN PORT AND STARBOARD BEVERAGE DISPENSING CABINETS.</p>
09	Swimming pools / spas halogen residuals	3	<p>Recommendation:Ensure that backflow prevention devices are periodically inspected and any failed units are replaced.</p>
16	Potentially hazardous food temperatures storage, preparation display, service, transportation	0	<p>Site: Galley-EXHAUST HOOD CLEANING CABINETS</p> <p>Violation: THE DOUBLE CHECK VALVE ASSEMBLY BACKFLOW PREVENTERS INSTALLED IN ALL THE HOOD CLEANING CABINETS IN THE GALLEYS WERE NOT VENTED BACKFLOW PREVENTION DEVICES.</p>
17	Temperature practices storage, preparation display, service, transportation; Thawing	0	<p>Recommendation:Replace these backflow preventers with models which are for continuous pressure applications and have an intermediate atmospheric vent installed.</p>
19	Food protected storage, preparation, display, service, transportation; Original containers, labeling; Food handling minimized; In-use food dispensing, preparation utensils stored	2	<p>Site: Galley-EXHAUST HOOD CLEANING CABINETS</p> <p>Violation: THE DOUBLE CHECK VALVE ASSEMBLY BACKFLOW PREVENTERS INSTALLED IN ALL THE HOOD CLEANING CABINETS IN THE GALLEYS WERE NOT VENTED BACKFLOW PREVENTION DEVICES.</p>
21	Nonfood-contact surfaces designed, constructed, maintained, installed, located	0	<p>Recommendation:The vessel shall provide a comprehensive cross- connection control program that provides safe connections to the potable water system through air gaps or appropriate backflow devices.</p>
22	Dishwashing / equipment washing facilities designed, constructed, maintained, installed, located, operated, TMDs, test kits	0	
24	Sanitizing rinse temperature, concentration, time	0	

RADIO CALL SING

Carnival Legend

4/02/06

CORRECTIVE ACTION AND FOLLOW UP LOG

THE FOLLOWING INFORMATION IS PROVIDED REGARDING ITEMS WHICH WERE DEFECTIVE. ADDITIONAL INFORMATION CORRESPONDING TO EACH REFERENCE NUMBER IS AVAILABLE IN THE GUIDE TO SHIP SANITATION, WORLD HEALTH ORGANIZATION 1967, AND THE CENTER DISEASE CONTROL RECOMMENDATION ON SANITATION OCTOBER 7, 1974.

#	REFER ITEM NO.	POINTS	Repeat Violation	AREA MENTIONED	RESULTS AND RECOMMENDATION	COMPLETED	DATE	CORRECTIVE ACTION
1	6	0		Potable Water	THE FOUR MONTHLY RANDOM E-COLI TESTS WERE CONDUCTED AT THE SAME LOCATION ON THE VESSEL FROM DECEMBER 2005 TO MARCH 2006.	YES	4/2/2006	DURING THE INSPECTION THE OFFICER IN CHARGE WAS ADVISED & A WRITTEN NOTE HAS BEEN MADE ONTO THE FORM "E.coli test log-COMM/PO32F1" TO USE DIFFERENT LOCATIONS.
2	41	0		Ventilation	A WRITTEN PLAN FOR THE INSPECTION, CLEANING, AND MAINTENANCE FOR THE HEATING, VENTILATION, AND AIR CONDITIONING SYSTEM WAS NOT MAINTAINED ON THE VESSEL. STAFF STATED THAT THE AIR CONDITIONING UNITS ARE CLEANED ON A MONTHLY BASIS, HOWEVER, IT IS NOT RECORDED.	YES	4/2/2006	A WRITTEN PLAN FOR THE INSPECTION,CLEANING,AND MAINTENANCE HAS BEEN DONE
3	22	0		Bar Passenger LIDO POOL BAR	THE SANITIZING SOLUTION FOR THE THREE BUCKET SYSTEM IN THE PANTRY WAS VERY CLOUDY.	YES	4/2/2006	CORRECTED DURING INSPECTION
4	26	0		Bar Passenger CASINO BAR PANTRY DECK 2	SEVERAL PREVIOUSLY CLEANED GLASSES WERE SOILED AND STORED AS CLEAN.	YES	4/2/2006	CORRECTED DURING INSPECTION/GLASSES REMOVED FROM THE RACKS AND WASHED
5	26	0		Galley Passenger Lido CLEAN POT STORAGE	ONE PREVIOUSLY CLEANED LARGE MIXING BOWL WAS EXCESSIVELY SOILED WITH FOOD RESIDUE AND STORED AS CLEAN.	YES	4/2/2006	CORRECTED DURING INSPECTION/BOWL REMOVED AND WASHED AGAIN
6	27	0		Galley Passenger Lido DECK 9 AFT	THE TOP OF THE CONVEYER OVEN IN THE PIZZA AREA WAS SOILED WITH FOOD DEBRIS. THIS AREA HAD NOT BEEN IN USE THE DAY OF THE INSPECTION.	YES	4/2/2006	CORRECTED DURING INSPECTION/OVEN CONVEYOR HAS BEEN CLEANED
7	28	2	YES	Buffet Passenger LIDO DECK 9 AFT	TWO TRAYS OF PLASTIC GLASSES WERE STORED WET, STACKED TOGETHER AND INVERTED, NOT ALLOWING PROPER AIR DRYING. THESE GLASSES WERE SET OUT FOR SERVICE NEAR THE COFFEE STATION.	YES	4/2/2006	CORRECTED DURING INSPECTION/ GLASSES REMOVED AND PLACED FOR AIR DRYING
8	28	2	YES	Food Service General LIDO DECK 9 AFT	PLATES AND BOWELS WERE NOT STORED COVERED OR INVERTED. THIS WAS NOTED IN SEVERAL AREAS IN THE LIDO THAT WERE NOT IN SERVICE FOR THE BREAKFAST BUFFET SUCH AS THE SALAD BAR COUNTER, DESSERT AREA, AND COLD COUNTER.	YES	4/2/2006	IT WAS 11:30AM AND WE WERE READY FOR LUNCH SERVICE/CORRECTED DURING INSPECTION
9	30	0		Galley Passenger Main BUFFET PANTRY	A WASTE RECEPTACLE WAS NOT PROVIDED AT THE HANDWASH SINK.	YES	4/2/2006	CORRECTED DURING INSPECTION
10	21	0		Galley Passenger Main SOUP AREA	A LONG ELECTRICAL LINE WAS NOTED BETWEEN THE CONTROL AND THE BOTTOM OF THE LEFT KETTLE NEAR THE WINDOW. THE LINE DRAPED THE DECK MAKING CLEANING DIFFICULT.	YES	4/6/2006	LINE HAS BEEN PLACED IN JUNCTION BOX
11	21	0		Galley Passenger Main SOUP AREA	THE LABEL WAS PEELING AT THE RIGHT KETTLE NEAR THE TILT PAN, MAKING CLEANING DIFFICULT.	YES	4/6/2006	CORRECTED
12	21	0		Food Service General	PEELING SEALANT WAS NOTED ALONG EDGES OF SEVERAL KETTLES AND TILT PANS, MAKING CLEANING DIFFICULT.	YES	4/17/2006	ALL STEAM KETTLES AND TILTING PAN SEALANT HAS BEEN REPLACED
13	19	0		Galley Passenger Main CENTER GALLEY	A PAN OF BEANS AND A PAN OF HERBS WERE NOT STORED COVERED.	YES	4/2/2006	CORRECTED DURING INSPECTION
14	26	0		Galley Passenger Main CENTER GALLEY	A PLASTIC CONTAINER WITH SOILED OMELET PANS WAS NOTED ON THE SHELF. CLEAN PAPER TOWELS WERE NOTED BETWEEN EACH PAN. IT APPEARED THAT THE PANS WERE STORED HERE FOR USE AND WERE NOT IDENTIFIED AS SOILED. THIS STATION WAS CLOSED.	YES	4/2/2006	CORRECTED DURING INSPECTION/PANS WERE REMOVED FROM THE AREA AND PLACED FOR WASHING
15	34	0		Galley Passenger Main PASTRY	THE DRAIN AT THE DIPPER WELL WAS CLOGGED.	YES	4/2/2006	CORRECTED DURING INSPECTION
16	33	0		Galley Passenger Main ROAST AREA	DISH RACKS WERE USED TO STORE DISPLAY ITEMS ON THE DECK, MAKING CLEANING OF THE DECK DIFFICULT.	YES	4/2/2006	CORRECTED DURING INSPECTION
17	14	0		Galley Passenger Main	ONE FOOD HANDLER WAS WEARING A WATCH AND ANOTHER WAS WEARING A RUBBER BRACELET. THIS WAS CORRECTED DURING THE INSPECTION.	YES	4/2/2006	CORRECTED DURING INSPECTION
18	34	0		Galley Passenger Main POTWASH AREA	THE HANDWASH SINK WAS NOT WORKING NEAR THE SINK.	YES	4/2/2006	CORRECTED DURING INSPECTION/ BATTERY WAS REPLACED

VSP Components

- Inspections
- Surveillance & Outbreak Investigations



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Surveillance

- Report all gastrointestinal illness cases (including zero cases)
 - 24 hours prior to arrival at a U.S. port from a foreign port
 - Additional cases require a 4 hour update
- Special report when gastrointestinal illness reaches 2% in passengers or crew
- Electronic Reporting



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VSP Components

- Inspections
- Surveillance & Outbreak Investigations
- Construction

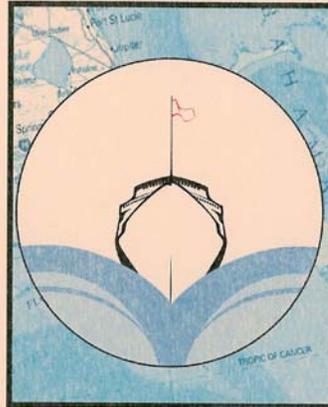


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Vessel Sanitation Program Construction Guidelines



July 2005



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Consultation Plan Review



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VSP Components

- Inspections
- Surveillance & Outbreak Investigation
- Consultation on Construction
- Training & Consultation



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Training Program

- Miami
 - 5 sessions
- Seattle
 - 1 session



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International Consultation



Egypt – Nile
Cruises



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- 10-12 Cruise Vessels – Floating Hotels
- Currently minimal inspections of vessels
- ATHENS 2000 Mandate for USPHS inspection prior to arrival in Piraeus



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Contact VSP

Vessel Sanitation Program
1850 Eller Drive, Suite 101
Ft. Lauderdale, FL 33316
954-356-6650
1-800-323-2132

www.cdc.gov/nceh/vsp
vsp@cdc.gov



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