



# CROWLEY®

STATE OF ALASKA  
OCEAN RANGER PROGRAM - ADEC

## OCEAN RANGER DAILY REPORT

Revision D – 6/15/08

1) Are there any potential non-compliant issues in the below report? (If yes, report will be expedited to allow immediate follow-up from ADEC):	<b>No</b>
2) Did you have sufficient time today - observing in the non-passenger areas to accurately complete the checklist?	<b>Yes</b>

*If NO for question 2 - list the time you were allowed in the non passenger spaces and the explanations from the cruise lines why your request for additional time was denied.*

### OTHER SECTIONS COMPLETED:

Section A: <b>Yes</b>	Section B: <b>No</b>	Section C: <b>No</b>
Section D: <b>No</b>	Section E: <b>No</b>	

**Ocean Ranger Signature:**

**APPROVALS:**

Crowley - Approved By: -----	Crowley Approval Date <b>8/24/2008</b>
ADEC - Approved By: -----	ADEC - Approval Date 8/25/2008

**SHIP INFORMATION:**

Cruise Line	-----	Ranger Report No.	<b>---082408</b>
Ship Code Name	-----	Date	<b>3/24/2008</b>
Advanced Water System?	<b>Yes</b>	Type:	<b>Zenon</b>
Date of Boarding	<b>8/8/2008</b>		

**OCEAN RANGER INFORMATION:**

Name: -----	Employee Number -----
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**PRE-INSPECTION:**

1) Does ship discharge in Alaska waters?	<b>No</b>	5) Reviewed Non-hazardous Solid Waste Offloading and Disposal Plan	
2) Reviewed any outstanding non-compliant or open items from previous ocean ranger (pick up sealed envelope from environmental engineer)		6) Reviewed Hazardous Waste and Substance Offloading Plan	
3) Confirmed that there is no recent history of norovirus outbreaks - check on <a href="http://www.cdc.gov/nceh/vsp/surv/GIlist.htm">http://www.cdc.gov/nceh/vsp/surv/GIlist.htm</a> -		7) Reviewed Discharge Permit	
4) Reviewed ship Vessel Specific Sampling Plan (VSSP)			

**MEET WITH SHIP'S STAFF**

	Met With Staff Member?	Name
Environmental Officer	<b>Yes</b>	-----
Chief Engineer		
Staff Captain		
Chief Officer		

Notes:

**Mr. ----- remains extremely courteous and cooperative.**

**SECURITY**

OR had Security Awareness Briefing		Any current security threats?	<b>No</b>
Vessel Security Plan Briefing Y/N (house rules & emer. briefing for contractors making voyage on ship)		Select current MARSEC level	<b>MARSEC Level I</b>

Notes:

**SHIP TOUR**

C = Compliant  
 O = Open Item  
 N = Potential Non-compliance

1. Garbage handling and recycling	<b>C</b>	11. Bunkering stations, if applicable. Note: cruise ships rarely take on fuel in Alaska. Note: Bunkering manifolds are usually co-located with the sewage pump out manifold.	<b>C</b>
2. Hazardous waste processing including pesticides, photo labs, and dry cleaning	<b>C</b>	12. Stack emissions minimization and monitoring	<b>C</b>
3. Hazardous waste and tank storage / container strategy	<b>C</b>	13. Ballast discharge, if any.	<b>C</b>
4. Medical facilities and	<b>C</b>	14. Overboard piping,	<b>C</b>

bio-hazard handling		valves, and overboard valve monitoring systems	
5. Sewage and graywater treatment and discharge, including tank storage (ship) systems note: request that AWWTS operator accompany observer during observation / tracing of the system. (dischargers only) For non dischargers, review the tank storage plan and valve locking and discharge regime.	C	15. Boiler blow down and chemical treated cooling water handling if applicable.	C
6. Observe overboard valve operation and crossover piping regime (if applicable)	C	16. On board wastewater sampling, if any	O
7. Waste incineration and sludge handling (including biosolids)	C	17. General condition of sample valves	C
8. Sanitation in food preparation areas	C	18. Spot check records related to these programs including discharge logs and SMS	C
9. Production and handling of potable water	C	19. Oil and grease from topside equipment (winches, motors, etc.) housekeeping, pools, and lifeboat material condition.	C
10. Oily water separator (OWS)	C		

**Notes: 6 & 14 – All pertinent overboard discharge valves remain closed and locked, no numbered seal program is in use. Locks are subject to a strict key control system.**  
**7 - Incinerator is not operated in-port or at anchor.**  
**10 – OWS is not operated in Alaskan Waters.**  
**11 – Bunkering done weekly in Seattle.**  
**16 – As the Zenon AWWTS is down the ship is considered a Non-Discharger and no sampling event was done.**

## DAILY CHECKS AT SEA

Vessel Location:

1. Accompany the environmental officer on daily rounds	<b>Yes</b>	7. Accompany any engineer on his/her maintenance round to witness service and maintenance of MSD systems	<b>Yes</b>
2. Observing the daily wastewater lab analysis by the environmental officer (Princess only)	<b>No</b>	8. Overboard discharge valves verified closed and sealed - (includes boiler blowdown valves) Overboard valve from advanced treatment system is not sealed.	<b>Yes</b>
3. Cross checking automated overboard discharge alarm records against log entries made in the Oil Discharge Record Book and the State of Alaska Blackwater and Graywater Discharge Record book.	<b>Yes</b>	9. Record tank levels of head tanks for "Oil to Sea Interface" areas (stern tubes, bow and stern thruster seals, fin stabilizer seals, etc.)	<b>Yes</b>
4. Checking to ensure that wastewater outflow quality monitors, if installed, are functioning properly. (Effluent monitors, usually turbidity monitors, at pre-set detection readings, will stop over board discharge and redirect the effluent to a tank or back through the wastewater treatment system.)	<b>No</b>	10. Check ship daily logs and reports for any discharges, maintenance, repairs, or addition of oil to "oil to sea interface" head tanks. <ul style="list-style-type: none"> <li>• Discharge report: ballast water, solid waste, black water, gray water, other</li> <li>• Machinery reports AWP, MSD, OWS, Incinerator, Commutator, Compactor, other</li> </ul>	<b>Yes</b>  <b>Yes</b>  <b>Yes</b>
5. Observing any non-routine or non-automatic discharges (oily water separator discharge, ballast , or any discharges through valves that are usually locked)	<b>No</b>	11. Air Emissions meet 18AAC50 - Opacity monitoring system (recorders and alarms working)	<b>Yes</b>
6. Tracing-out all overboard discharge systems - from input through treatment to overboard valve - to ensure the system	<b>Yes</b>		

functions according to the manufacturers instructions.			
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Notes for Daily at Sea Checks:

- 2 – As the Zenon AWWTS is down for repairs and awaiting parts, the ship is considered a Non-Discharger and no sampling event was done.
- 4 – Wastewater is not being processed, observed operation at sea outside Alaskan Waters and beyond the 12 mile limit, all operated properly.
- 5 – There were no overboard discharges today.
- 8 - The overboard valve from the AWWTS is also closed and locked as the system is down for repairs.

**DAILY CHECKS IN PORT**

Vessel Location **At Sea, en route Sitka, at anchor Sitka**

1. Waste management and waste offload and condition of the off load pallets and other carriers. Review manifests and pickup arrangements.	<b>Yes</b>	6. Observe discharge of wastewater to shore connection (volume/procedures) (Normally only done at the South Franklin Dock in Juneau for Graywater)	<b>No</b>
2. If the ship is at anchor, initial boat lowering and operations	<b>Yes</b>	7. Observe repairs, maintenance, cleaning and other operations that may affect the wastewater treatment plant effluent quality. (example - back flush cleaning with chemicals)	<b>Yes</b>
3. Potable water hookups. Are they according to procedures for ship and the supplier. (see OR guidebook attachment 9)	<b>No</b>	8. Was a sampling event conducted by vessel operators, contractors, ADEC, or Coast Guard	<b>No</b>
4. Observe special actions to prevent spills, overflows of tanks, etc.	<b>Yes</b>	9. Was Ocean Ranger present during the sampling event - (required that ocean ranger be onboard for ADEC and USCG sampling events)	<b>No</b>
5. Observe wastewater sampling by contractor is	<b>No</b>		

done.			
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**Comments on Sampling Event**

**5, 8 & 9 – Wastewater sampling done approximately twice per year by shore side laboratory, records are complete.**

Was there a hazardous waste offload event?	<b>No</b>
Was there a non-hazardous waste offload event?	<b>No</b>
The harbors, landfills, or other offloading or disposal facilities in the state used: and whether the off-load was compatible with the non-hazardous solid waste offloading and disposal plan filed as required by 18ACC69.035	
The harbors, landfills, or other offloading or disposal facilities in the state used: and whether the off-load was compatible with the hazardous waste and substance offloading plan filed as required by 18ACC69.040	
Name and address of each contractor used for offloading	<b>N/A</b>
Estimate of volume of each waste type	<b>N/A</b>
Offloading or disposal method	<b>N/A</b>
Describe the controlled storage, processing, or disposal facilities or treatment used	<b>N/A</b>
Describe the vessel crew training in offloading procedures	<b>N/A</b>
Number on the provided material safety data sheet (MSDS) if applicable	<b>N/A</b>

**Notes for Daily in Port Checks:**

**3 – Ship is at anchor, no Potable Water Hook-up.**

**6 – All solid waste retained aboard for eventual discharge in Victoria, Canada and never discharged at sea. All liquid waste retained, then processed overboard beyond the 12 mile limit.**

**10 thru 16 & 19 – N/A**

**NON DISCHARGE SHIPS**

**At Sea Checks**

Number of Passengers and Crew currently onboard	<b>3121</b>	Was there a wastewater discharge today?	<b>No</b>
Date discharge started		Time discharge started (2400)	<b>0</b>
Date discharge ended		Time discharge ended (2400)	<b>0</b>
Latitude at start of discharge		Longitude at start of discharge	
Latitude at end of		Longitude at end of	

discharge		discharge	
Overboard Discharge Valves Used			
Type of discharge: (Black, Gray water)			
Volume and average discharge rate for each overboard discharge valve			
Individual in charge of discharge operations			

**In Port Checks**

Was there a wastewater discharge today?	<b>No</b>
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**Notes for Non Discharge Ships**

**All solid waste retained aboard for eventual discharge in Victoria, Canada. All liquid waste retained for eventual processing overboard beyond the 12 mile limit.**

**LOG OF OCEAN RANGER EVENTS OF THE DAY**

0030 Entered Alaskan Waters & began day with a tour of all pertinent overboard discharge valves and continued with a general Engine Room tour and observation of the arrival maneuvering and anchoring procedures from the Bridge. 1000 Arrived Sitka, AK & anchored. Observed Boat launching & inspected boats #5, 7 & 9. 1800 Departed for Hubbard Glacier.

**DOCUMENT REVIEW - SECTION A**

**Agency Reports and Inspection Records**

Review ADEC inspection reports (if any)	
Review ADEC sampling audit reports (if any)	
Checked authorization to discharge (ADEC letter and USCG letter if applicable)	<b>Yes</b>
Checked source Reduction Evaluation Plan (if applicable)	<b>Yes</b>
Comments:	

**Plans and Permits**

Current Pollution Prevention Records	<b>Yes</b>
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Checked International Oil Pollution Prevention Certificate Expiration Date	<b>Yes</b>
Checked Person-in -charge designated and qualified (certificated/licensed)	<b>Yes</b>
Checked declaration of inspection (available and retained for at least one month)	<b>Yes</b>
Checked PMS records for required maintenance for the selected waste stream for verification	<b>Yes</b>
Checked SMS incorporates PMS activities and logs for all Waste Streams	<b>Yes</b>
Checked Logs to track oil usage in systems having oil to sea interfaces (if applicable)	<b>Yes</b>

Comments:

**comments:**

**1a. - IOPP issued 20 Jan 2008 and expires 15 Feb 2011**

Oil Record Book	<b>Yes</b>
Checked each operation signed by person-in-charge	<b>Yes</b>
Checked each complete page signed by master	<b>Yes</b>
Checked that book maintained for 3 years	<b>Yes</b>
Checked for use of proper codes and version for vessel	<b>Yes</b>
Checked that transfer receipts/manifest match oil record book entries	<b>Yes</b>
Checked that OWS rates not exceeding design criteria	<b>Yes</b>
Checked that incinerator rates not exceeding design criteria	<b>Yes</b>
Checked for consistent bilge water management patterns	<b>Yes</b>
Checked comparison of oil record book entries to vessel's daily tank sounding book	<b>Yes</b>

Comments:

**Comments:**

Shipboard Oil Pollution Emergency Plan	<b>Yes</b>
Checked approval by Administration (class society)	<b>Yes</b>
Checked that document is updated and current	<b>Yes</b>
Checked that document is in English and working language of crew	<b>Yes</b>
Checked that contact numbers for National and Local Authorities are correct (Port Authorities for ports visited not every COTP)	<b>Yes</b>
Checked the immediate Actions List	<b>Yes</b>
Checked the Non Mandatory Provisions (if listed in SOPEP). Spill kits located and inspected	<b>Yes</b>
MARPOL Annex V	<b>Yes</b>
Checked that placards are posted	<b>Yes</b>
Checked Record book	<b>Yes</b>

Checked garbage management plan	Yes
Safety Management System - checked the relevant parts of the Safety management System (SMS) which describes the operation and maintenance of the various pollution control devices.	Yes
Checked General Discharge Permit (AS 46.03.462 issued by ADEC)	Yes
Checked the Approved Vessel Specific Sampling Plan (18 AAC 69.030)	Yes
Checked the Approved Non-Hazardous Solid Waste Offloading and Disposal Plan (AS 46.03.47(e)(1) and 18 AAC 69.035)	Yes
Checked the Hazardous Waste and Substance Offloading Plan (HWSOP) (18 AAC 69.040(b))	Yes
Checked the current Alaska vessel registration and notarization papers	Yes
Checked the approved Hazardous Waste and Substance Offloading Plan (few, if any, ships discharge waste in Alaska. There may not be a plan but a letter to ADEC stating as such)	Yes
Checked certification from antifouling paint supplier that TBT-free coatings have been applied to the vessel.	Yes
Checked tank plan and tank operation plan and records	Yes
Checked the overboard valve "opening plans" discharge procedure.	Yes
Checked the procedure to notify agencies for non-conformities, etc.	Yes
Checked the non-tank vessel spill plans, both Alaska and US	Yes
Checked the Garbage Management Plan	Yes
Checked the recycling policy	Yes
Checked the Ballast Water Report Form 33CFR151.2045	Yes

**Comments:**

**6, 7 & 8 - As the Zenon AWWTS is down for repairs and awaiting parts, the ship is considered a Non-Discharger and no onboard sampling is done.**

**Ships Reports, Logs and Procedures**

Discharge reporting – Checked Garbage Record Book	No
Checked alarm records report (example: Wastewater, opacity, stack emissions)	No
Last sludge/oily bilge discharge (date/ location / volume)	13 Apr '08; Port Everglades, FL; 26.5 M3
Last oily water separator discharge (date / location / volume)	18 Aug 08; 58 deg 01.4 min / 137 deg 47.3 min to 58 deg 18.5 min / 138 deg 17.4; 17 M3
Last Bunkers (date / location / volume)	22 Aug '08; Seattle, WA; 1195 M3
Checked key control procedures for overboard discharge valve locks.	Yes
Checked for proper disposal of pool water	Yes
Checked latest 3rd party wastewater testing results	Yes

Comments:  
**comments:**

Example Report