

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**Division of Spill Prevention and Response
Prevention and Emergency Response Program**

SITUATION REPORT

INCIDENT NAME: M/V *Selendang Ayu*

SITREP #: 97

SPILL NUMBER: 04259934301

LEDGER CODE: 14142160

TIME/DATE OF INCIDENT: The M/V *Selendang Ayu* grounded at approximately 6:00 PM on December 8, 2004 near Unalaska Island between Skan Bay and Spray Cape. The U.S. Coast Guard reported at 7:14 PM on December 8, 2004 that the vessel had broken in half.

TIME/DATE OF SITUATION REPORT: 4:00 PM August 4, 2005

TIME/DATE OF THE NEXT REPORT: 1:00 PM August 11, 2005

TYPE/AMOUNT OF PRODUCT SPILLED: The actual amount of fuel spilled is unknown. Total volume of fuel initially on board the vessel was approximately 446,280 gallons of intermediate fuel oil (IFO 380) and 31,573 gallons of marine diesel oil. An estimated 321,052 gallons of IFO 380 and 14,680 gallons of marine diesel and miscellaneous oils have been released to the environment. The total estimated amount of all oils released to the environment is 335,732 gallons. Approximately 60 thousand tons of soybeans were on board as cargo destined for China.

LOCATION: The vessel wreck's position is at 53° 38' 04" N, 167° 07' 30" W on Unalaska Island between Skan Bay and Spray Cape. This site is approximately 25 miles by air or 50 miles by sea southwest of Dutch Harbor.

CAUSE OF SPILL: The vessel grounded and broke in half on the evening of December 8, 2004.

POTENTIAL RESPONSIBLE PARTY (PRP): Ayu Navigation Snd, Bhd, Port Klang, Malaysia (IMC Shipping)

RESPONSE ACTIONS:

PEST/ Pre-Inspection Endpoint Inspection: In previous Situation Report #95 it was stated that 22 segments have met end point criteria and would be removed from treatment consideration. Under further review the Unified Command has decided to reinstate these 22 segments to allow for landowner inspection.

The following is the status of the segments surveyed:

Total Segments	Total Segments Surveyed	Segments no treatment or no further treatment	Segments Identified by SCAT requiring treatment	Segments approved by UC for treatment
806 (474 miles, 763 km)	806 (100% of total)	683 (85% of total, 404 miles, 650 km)	123 (15% of total, 70 miles, 113 km)	123 (13% of total, 55 miles, 88.5 km)

The following is the status of the segments requiring treatment:

Total segments requiring treatment	Segments treated and submitted for pre-inspection	Total segments pre-inspected	Total segments ready for final landowner inspection	Segments for sediment relocation	Segments w/ final approval by UC and landowner
123	94	92	84	2	57

With completion of the initial Shoreline Cleanup Assessment Team (SCAT) survey, the SCAT teams have been renamed the Pre-inspection Endpoint Assessment Team (PEST) and are conducting helo-supported and boat-based post-treatment inspections of segments prior to landowner inspection. The PEST verifies that cleanup operations were successful in achieving the established cleanup criteria. If additional cleanup is deemed necessary, the team

will recommend what additional measures are appropriate. When available, DEC field monitors and company representatives are meeting with the teams during inspections to ensure that discrepancies are corrected. A final inspection team designated by Unified Command and landowner representative will then visit each cleaned segment and forward its recommendations to the Unified Command for consideration. As of August 3, 2005, fifty-seven (57) final inspections have been completed, and the landowner and Unified Command have agreed that no further cleanup will be done on these segments.

CLEANUP OPERATIONS:

Cleanup crews have completed work on 94 out of the 123 segments requiring cleanup. Twenty (20) vessels are currently deployed with approximately 144 cleanup response workers (not inclusive of vessel support crews and state/federal staff.) There is one division in Skan Bay (14 vessels/98 response workers), and one division in the Southwest Area (6 vessels and 46 workers.) Manual (hand-tool) cleanup and mechanical cleanup (trackhoe removal of surface and substrate contamination, dry-tilling treatment, and sediment relocation) are being employed, based upon unified field decisions by the Bay Managers, and ADEC and USCG field monitors. Dry-tilling is a technique that involves mechanically tilling a shallow layer of shoreline sediment in order to accelerate the natural processes that degrade oil. Sediment relocation involves the placement of lightly-oiled shoreline sediments into the tidal zone, also accelerating the natural degradation processes. Further details of the cleanup are available on the Unified Command website.

Salvage/Removal Status: Magone Marine has been contracted to remove the superstructure and cranes, including sheet metal paneling and fiberglass insulation, from the *Selendang Ayu's* stern section. Three ships will be employed in the operation, which commenced on August 3, 2005. These removals are to be completed by October 30, 2005.

Fisheries/Subsistence: An ADEC Environmental Health representative is coordinating with Dutch Harbor seafood processors to evaluate seafood products as necessary. Sampling of subsistence resources was completed at two locations in Unalaska Bay, on July 20-21, 2005 and sent to 2 different labs, in accordance with a plan devised by the Subsistence Work Group. Target species, including chiton, sea urchin, and blue mussels, were collected. Samples were shipped to the Woods Hole Analytical Lab in Massachusetts for analysis. Samples will be analyzed for polycyclic aromatic hydrocarbons (PAHs) and results will be compared to health risk criteria developed by the State of Alaska Department of Health. In addition, blue mussels were collected and forwarded to the State's Environmental Health Laboratory for organoleptic testing (sensory evaluation for undesirable taste and odor), and for testing for paralytic shellfish poisoning (PSP). The samples sent to the State lab were unable to be tested due to storage issues and will need to be re-sampled.

Wildlife: No reports of oiled wildlife were received since the last situation report.

Soybeans: On-going monitoring of the soybeans on the beach indicates that they are continuing to decompose and are being removed from the beach by high tides and occasional storm events.

Staffing: Ten (10) State staff are currently in Dutch Harbor. This includes 4 staff in the Incident Command Post providing Incident Management functions, 1 staff in the Incident Command Post doing helicopter field inspections, 2 vessel-based staff doing PEST & final inspections, and 3 vessel-based cleanup operations monitors.

SOURCE CONTROL: Unchanged. See previous Sitreps.

RESOURCES AFFECTED: Unchanged. Wildlife search and recovery teams may be activated if required. The protection of cultural and subsistence resources continues to be a high priority for the Unified Command. No additional wildlife impacts have been reported since the commencement of Spring/Summer operations.

FUTURE PLANS AND RECOMMENDATIONS: Shoreline assessment and cleanup operations will continue as weather allows in Skan Bay and the southwestern part of the impacted area. Coordinate with State, Federal and private land owners to continue final inspection of the segments identified as meeting cleanup endpoint criteria. The sediment relocation treatment method being used at segment SKN-5 is still in progress. A PEST team will continue monitoring and sampling the beach at SKN-5 throughout the project.

MEETINGS: The Native stakeholder meeting was held on August 3, 2005 and the next meeting will be held on August 10, 2005 at 9:30 AM. A public meeting is scheduled for August 10, 2005 at 6:30 PM at the Unalaska City Hall.

WEATHER: Weather for August 4, 2005 , mostly cloudy, chance of showers. Patchy fog. Highs in the mid-50s. Light winds becoming west 15 knots, and seas to 4 feet in the afternoon.

UNIFIED COMMAND AND PERSONNEL

F.O.S.C. : Captain Mark DeVries, USCG
 S.O.S.C. : Bob Fultz, ADEC
 R.P.I.C. : Dave Barry, Gallagher Marine Systems, Inc.
 F.O.S.C. Rep : LT. Meredith Gillman, USCG

FOR ADDITIONAL INFORMATION CONTACT:

ADEC: Public Information: Lynda Giguere (907) 465-5009, cell (907) 321-5491, or Leslie Pearson (907) 269-7543
 USCG: Anc. - Darrell Wilson (907) 271-2660.

UNIFIED COMMAND WEBSITE:

Photographs, press releases and other spill information are available at: <http://www.dec.state.ak.us/selendang>

AGENCY/STAKEHOLDER NOTIFICATION LIST

This sitrep has been distributed via email to the Governor's office, ADF&G, ADNR, SECC, USEPA, USDOJ, NMFS, USFWS, and USFS in addition to the following.

AGENCY	NAME	Sent Via		Telephone	Facsimile
USCG-MSO/ANC	Captain DeVries	Fax		271-6700	271-6751
USEPA	Matt Carr/Carl Lautenberger	Fax		271-3616	271-3424
OTHER	NAME	Sent Via	Session/Interim	Telephone	Facsimile
DH Port Director	Alvin Osterback	Fax		581-1254	581-2519
Unalaska Mayor	Shirley Marquardt	Fax		581-1211	581-1695
House 38/Unalaska	Carl Moses	Fax	Anchorage 5/16 - 1/09 Juneau 1/10 - 5/15	269-0275 465-4451	269-0274 465-3445
Senate S/Bethel	Lyman Hoffman	Fax	Bethel/Juneau	465-4453	465-4523