

**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 #:** 101

**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:** 1:00 PM September 1, 2005

**TIME/DATE OF THE NEXT REPORT:** 1:00 PM September 8, 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 position is 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:** PEST crews continue to evaluate segments that are identified as meeting end point criteria by Operations, along with concurrence from state and federal field monitors. The current status of the number of segments surveyed is as follows:

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 (15% of total, 70 miles, 113 km)

The following is the status of the segments that were recommended to receive treatment:

Total segments requiring treatment	Segments treated and submitted for pre-inspection	Total segments pre-inspected	Total segments ready for final landowner inspection	Segments w/ final approval by UC
123	114	106	102	83

**CLEANUP OPERATIONS:** Cleanup crews have completed work on 114 out of the 123 segments requiring cleanup. Seventeen vessels are currently deployed with approximately 128 cleanup response workers (not inclusive of vessel support crews and State/Federal staff). Manual (hand-tool) cleanup and mechanical cleanup (trackhoe removal of surface and substrate contamination and dry-tilling treatment) are being employed, based upon unified field decisions by the field 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. Operations has completed 1(one) sediment relocation process in Skan Bay. Sediment relocation involves the

placement of lightly-oiled shoreline sediments into the tidal zone to accelerate the natural degradation processes, also allowing for some product retrieval. Further details of the cleanup are available on the Unified Command website.

**Operations Closure Plan:** On August 26, 2005, the Unified Command approved a decision memo for the Spring/Summer Operations Closure Plan. The plan focuses on prioritizing remaining work to ensure gross oil, at a minimum, is removed from remaining segments during the remaining work window prior to the winter storm season. The plan recognizes that some segments will not meet end-point criteria this fall and will be re-inspected in the spring of '06. The plan also identifies target dates for completion of cleanup work and inspections. The plan specifies flexibility in the target dates as weather and other factors dictate, and specify using a reduced shoreline work force during the final inspection and documentation phase to address remaining needs. The target dates are:  
September 15 – for shoreline cleanup work.  
October 1 – for inspections, documentation, and demobilization.

**Non-End Point Segments:** As of September 1, 2005 the Unified Command has signed off nine segments that will not meet end-point criteria by the end of this seasons cleanup operation, with the condition they be re-inspected in the spring of 2006. These segments will have conditions well documented for comparison to spring '06 conditions. There are additional sites that are candidates for the non-end-point list and will be evaluated by the PEST team upon completion of work in progress. At this point, the RP rep makes no commitment to perform any additional cleanup work in the spring/summer of 2006. The only commitment from the RP is to do the spring '06 re-inspections to document the effect of the winter season on those specific beaches on the non-end-point list.

**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 and are currently working to complete these plans. Three ships are employed in the operation that commenced on August 3, 2005 and continue today as weather permits. These removals are projected to be completed by October 30, 2005.

**Fisheries/Subsistence:** The subsistence resources sampling plan, as developed by the Subsistence Work Group has been completed. Subsistence fishery samples of black chitons, green sea urchins, blue mussels, pink salmon, and Pacific cod were collected in Skan, Makushin, Anderson, Cannery, Kashega, and Kismaliuk Bays from 8/27 - 8/31/05. These samples have been sent to the Newfields Laboratory in Raynham, Massachusetts for chemical testing for polycyclic aromatic hydrocarbons (PAHs) and oil hydrocarbons. Test results should be available in two to three weeks. These results will be compared against health risk criteria developed by the State of Alaska Department of Health. In addition, a separate set of blue mussel samples were collected on 8/27 – 8/29/05 from Skan, Makushin, Anderson and Cannery Bays and submitted to the State DEC Environmental Health Laboratory for organoleptic (sensory evaluation for undesirable taste and odor) and paralytic shellfish poisoning (PSP) testing. Test results should be available in two to three weeks.

The M/V Patricia Lee, who was involved in performing the majority of the subsistence resource sampling, was demobilized and decontaminated in order to return to crab processing. The DEC Environmental Health Seafood Inspector conducted a decontamination inspection of the vessel and found no oil contamination.

**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:** Seven (7) state staff are currently in Dutch Harbor. This includes five (5) staff in the Incident Command Post (ICP) providing incident management functions and two (2) 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.

**FUTURE PLANS AND RECOMMENDATIONS:** Shoreline assessment and cleanup operations continue as weather allows in the core area of Makushin and Skan Bays as well as 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. A PEST team will continue monitoring and sampling the beach at the location where sediment relocation was completed.

**MEETINGS:** The weekly scheduled Tribal/Native Corporation and UC meeting was held on the afternoon of August 30, 2005. The meeting was well attended with visiting representatives from TDX. The RPIC presented a short brief on the Summer Operations Closure Plan. Questions were asked regarding the RP's plans for next summer if segments still contain oil above end-point criteria. The next public meeting is scheduled for September 7, 2005 at the Unalaska City Hall.

**WEATHER:** Weather for Thursday September 1, 2005. High 52°, rain developing in the afternoon, wind SW 15 knots, seas at 3 ft.. Tonight, low 51°F, rain and patchy fog, wind SW 30 knots, seas at 5ft.

**UNIFIED COMMAND AND PERSONNEL**

F.O.S.C: Cecil McNutt, USCG  
S.O.S.C: Alan Wien, ADEC  
R.P.I.C: Howard Hile, Gallagher Marine Systems, Inc.

**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