

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Spill Prevention and Response
Prevention and Emergency Response Program

SITUATION REPORT
As of 10:00 AM on May 25, 2010

INCIDENT NAME: Princess Kathleen

SITREP #: 24

SPILL NUMBER: 10119904701

LEDGER CODE: 14284160

TIME/DATE OF SPILL: The S/S *Princess Kathleen* grounded and sank off Point Lena on September 7, 1952.

TIME/DATE OF SITUATION REPORT: 2:00 PM on May 25, 2010

TIME/DATE OF THE NEXT REPORT: 2:00 PM on May 28, 2010

TYPE/AMOUNT OF PRODUCT SPILLED: The total volume of number 6 bunker oil and other oils onboard the vessel at the time of sinking is unknown.

LOCATION: Point Lena, Favorite Channel, north of Juneau, Alaska.

CAUSE OF SPILL: The vessel grounded on Point Lena and suffered damage to the forward-most section of the bow. As the tide came in, the vessel flooded from the stern and slid off the point. The vessel now sits at an angle on its port side at a depth ranging from 52 feet at the bow to 134 feet at the stern. Recent increases in the frequency of sheen being reported in the area were investigated and traced to the *Princess Kathleen*, possibly indicating a change in the vessel's condition.

POTENTIAL RESPONSIBLE PARTY (PRP): Undetermined

RESPONSE ACTION: Global Diving and Salvage (Global) completed pumping operations to remove bunker fuel from the 14 tanks onboard the *Princess Kathleen*. Approximately 118,800 gallons of bunker oil was recovered from the fuel tanks. The volume reported includes a percentage of water; the actual volume of fuel recovered will not be known until the product is measured at the disposal and recycling center.

The *Princess Kathleen* carried other petroleum products in addition to bunker oil. To date approximately 25,400 gallons of other petroleum products and bunker oil have been collected from overhead spaces and after engine room spaces onboard the vessel. This reported volume also includes an unknown quantity of water.

Global divers returned to the overhead spaces with handheld suction wands to recover any remaining trapped product. The divers also re-opened fuel tank vent pipes to collect trapped product; vents were then re-plugged and wired shut. Overhead spaces will be inspected to determine whether they meet Unified Command satisfaction before the spaces are considered "clean". This work is in preparation of removing the covers to the portholes once all operations are completed.

Active booming operations are ongoing to contain the sheen produced by the *Princess Kathleen*. The Southeast Alaska Petroleum Resource Organization (SEAPRO) is adjusting the boom as needed to ensure maximum containment and recovery of any visible sheen.

SOURCE CONTROL: Global has installed temporary patches over the exposed starboard portholes to prevent oil trapped within the vessel from escaping. Global has plugged fuel tank vent pipes to prevent the loss of bunker oil during fuel removal operations. Global crews identified and patched several rivets that were leaking oil. A total of 144,200 gallons of petroleum product and contaminated water have been removed from the vessel.

RESOURCES AFFECTED: Shoreline Cleanup Assessment Technique (SCAT) teams are conducting surveys to monitor impacts to sensitive areas. SCAT teams will continue monitoring the shoreline to determine if any impacts are occurring during the fuel removal and cleanup operations.

On May 12, strong winds caused damage to the containment boom on site and allowed some sheen and oil contamination to travel north towards Tee Harbor. SCAT teams conducted a survey along this beach on May 18 to determine the extent of impact. The beach was found to have a tar-like residue on approximately one to five percent of the total beach area. The SCAT team determined cleanup of the residue was impractical and could cause more damage to shore zone organisms.

SEAPRO is equipped and authorized to conduct wildlife hazing as necessary. The Unified Command and NOAA have developed a communication plan to report marine mammals observed in the vicinity. The *Princess Kathleen* is of historic significance and is listed as a historic shipwreck by the State of Alaska Office of History and Archeology.

FUTURE PLANS AND RECOMMENDATIONS: Historic ship plans document eight service tanks holding petroleum products like turbine oil, lamp oil and lube oil in addition to the 14 bunker oil tanks. To access the service fuel tanks, Global will remove a 4-foot by 4-foot section of the hull giving direct entry into the after engine spaces. Petroleum product has been pumped and suction wanded from the space, suggesting tank failure, but by opening the space for visual inspection the divers can confirm the condition of the tanks and collect additional product. The hull will be repaired after operations are completed.

WEATHER: Today: North winds 10 knots, becoming south in the afternoon, seas 2 feet or less with possible rain showers. Tomorrow: North wind 10 knots, seas 2 feet or less.

UNIFIED COMMAND AND PERSONNEL:

F.O.S.C. : Capt. Melissa Bert, USCG
S.O.S.C. : Scot W. Tiernan, ADEC

FOR ADDITIONAL INFORMATION CONTACT: Sarah Moore, ADEC, (907) 465-5239 or JIC at 463-2065.

Photographs and other spill information are available for viewing on the Unified Command website:
www.dec.state.ak.us/spar/princesskathleen

AGENCY/STAKEHOLDER NOTIFICATION LIST

This sitrep has been distributed to the following agencies and stakeholders. The situation report was also distributed to the various agency staff listed on the standard distribution list. The receiving agencies listed in the standard distribution list includes: Governor's office, Senator Begich's office, ADF&G, ADNDR, SECC, EPA, DOI, NMFS, USFWS, and USFS.

Agency/ Stakeholders	Name	Sent Via	Additional Info	Telephone	Fax
Senate Dist. B	Senator Dennis Egan	Fax	session	465-4947	465-2108
House Dist. 3	Representative Beth Kerttula	Fax	session	465-4766	465-4748
House Dist. 4	Representative Cathy Munoz	Fax	session	465-3744	465-2273
USCG (Sector Juneau)	Capt. Melissa Bert	Email	Melissa.bert@uscg.mil	463-2836	
USCG (Sector Juneau)	Lt. Latarsha McQueen	Email	Latarsha.s.mcqueen@uscg.mil	463-2835	463-2445
USCG (Sector Juneau)	Cdr. Matt Jones	Email	Matt.n.jones@uscg.mil	463-2452	
USCG (Sector Juneau)	Cdr. Kurt Clarke	Email	Kurt.a.clarke@uscg.mil	463-2475	
USCG (Sector Juneau)	MSTC James Highfill	Email	James.L.Highfill@uscg.mil	463-2461	
USDA Forest Service - Juneau Ranger District	District Ranger Pete Griffin	Email	pgriffin@fs.fed.us	789-6244	586-8808

Agency/ Stakeholders	Name	Sent Via	Additional Info	Telephone	Fax
USDA Forest Service - Tongass Env. Engineer	Michele Marie Parker	Email	mmparker@fs.fed.us	772-5850	772-5896
USDA Forest Service - Admiralty Island National Monument	District Ranger Marti Marshall	Email	mmmarshall01@fs.fed.us	789-6202	
NMFS	Jon Kurland	Email	Jon.kurland@noaa.gov	586-7638	586-7358
ADNR	Doug Sanvik	Email	Doug.Sanvik@alaska.gov		
ADF&G	Joe Hitselberger	Email	Joe.Hitselberger@alaska.gov	465-4346	465-4759
Douglas Indian Association	Doug Dobyys, Environmental Planner	Email	DougDobyys@yahoo.com	364-2916	364-2917
Central Council Tlingit and Haida Indian Tribes of Alaska	L. Knight	E-mail	LKnight@cchita.org		
City and Borough of Juneau	Mayor Bruce Botelho	E-mail	city_clerk@ci.juneau.ak.us	586-5240	586-5385
SEAPRO	Dave Owings	Email	Dave@seapro.org		
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Crews work above the wreck of the *Princess Kathleen* during fuel recovery operations. May 18, 2010. Photo by ADEC.