

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

SITUATION REPORT
As of 10:00 AM on April 9, 2010

INCIDENT NAME: Princess Kathleen

SITREP #: 11

SPILL NUMBER: 10119904701

LEDGER CODE: 14284160

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

TIME/DATE OF SITUATION REPORT: 2:00 PM on April 9, 2010

TIME/DATE OF THE NEXT REPORT: 2:00 PM on April 13, 2010

TYPE/AMOUNT OF PRODUCT SPILLED: The total volume of number 6 bunker oil onboard the vessel at the time of sinking is unknown. The volume of bunker oil identified in 10 of the ship's tanks is estimated to be between 14,000 and 34,000 gallons. Four additional tanks remain to be surveyed. The volume of other oils that remain on the ship is currently 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. Recently, 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 & Salvage Inc. (Global) continues the fabrication and installation of landing plates. The installation for the starboard wing tanks was completed on April 6, 2010. On April 8, Global completed the installation for the starboard bottom tanks. They continue work on port bottom tanks today. The landing plates will accept equipment and hoses used during the lightering process.

The 248-foot Foss Maritime Company (Foss) tank barge arrived in Auke Bay, Juneau on April 6. The Foss barge will accept oil removed from the *Princess Kathleen* during the recovery operations. The installation of the mooring system for the Foss barge has been delayed due to a concern over the precise location of submarine cables at Point Lena that could be damaged by the mooring system. Foss has engaged a professional survey contractor to locate and document the cables. Foss mobilized to deploy the southeast anchor in the mooring system today; the remaining 3 anchors cannot be set until the submarine cable's location is accurately mapped.

The grease-like substance discovered within the cargo deck on April 1 and discussed in Sitrep 9 was tested by the NOAA laboratory and identified as non-hazardous. However, safety concerns prevent the use of the decompression chamber if the diver has been in contact with grease. Global is working to identify options for encapsulating or removing the grease to allow access to the inside wall of the port wing tanks. Once the tanks are accessed, Global will complete the fuel volume estimates by measuring the fuel in the 4 port wings tanks.

The Southeast Alaska Petroleum Resource Organization (SEAPRO) has begun staging containment boom near environmentally sensitive areas as a precaution for the unlikely event of a large release. The SEAPRO oil spill response vessel *Rudyard Bay* and crew are mobilizing from Ketchikan to Point Lena. Once the *Rudyard Bay* is onsite, the sister ship *Neka Bay*, currently at Auke Bay, will remain on standby in downtown Juneau. As a further

precautionary measure, SEAPRO responders onboard an oil spill response vessel will be onsite throughout fuel recovery operations.

SOURCE CONTROL: None at this time. Global has installed temporary patches over the exposed starboard portholes to prevent oil trapped within the vessel from escaping.

RESOURCES AFFECTED: There have been no reports of impacts to wildlife or the shoreline. 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: The contractor hired to determine the location of submarine cables at Point Lena will conduct the survey on Saturday April 10, weather permitting. After the location of submarine cables is determined, the remaining elements of the mooring system will be installed and the Foss tank barge moored on site. With the barge moored on site, Global will begin "vacuuming" oil from inside the structure of the vessel. There is an unknown volume of oil trapped in the structure of the vessel that has leaked from the fuel tanks.

Once the free oil within the structure is removed, operations will shift to remove oil from the vessel's tanks. For these operations a second, smaller barge will be onsite to support the boiler used to heat the oil to facilitate pumping and other equipment necessary for the hot taping operations.

WEATHER: Today: Mostly sunny with north wind 10 knots diminishing in the afternoon. Seas 2 feet or less. Tomorrow: Areas of fog early with north winds 15 knots and seas 3 feet.

UNIFIED COMMAND AND PERSONNEL:

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

FOR ADDITIONAL INFORMATION CONTACT: Scot W. Tiernan, ADEC, (907) 465-5378 or JIC officers 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	

Agency/ Stakeholders	Name	Sent Via	Additional Info	Telephone	Fax
USDA Forest Service - Juneau Ranger District	District Ranger Pete Griffin	Email	pgriffin@fs.fed.us	789-6244	586-8808
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 RangerMarti Marshall	Email	mymarshall01@fs.fed.us	789-6202	
NMFS	Jon Kurland	Email	Jon.kurland@noaa.gov	586-7638	586-7358
ADF&G	Joe Hitselberger	Email	Joe.Hitselberger@alaska.gov	465-4346	465-4759
Douglas Indian Association	Doug Dobyns, Environmental Planner	Email	DougDobyns@yahoo.com	364-2916	364-2917
Central Council Tlingit and Haida Indian Tribes of Alaska	L. Knight	E-mail	LKnight@ccthita.org		
City and Borough of Juneau	Mayor Bruce Botelho	E-mail	city_clerk@ci.juneau.ak.us	586-5240	586-5385
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