

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 14, 2010

INCIDENT NAME: Princess Kathleen

SITREP #: 21

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 14, 2010

TIME/DATE OF THE NEXT REPORT: 2:00 PM on May 18, 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) continued fuel pumping operations. Fuel removal operations were completed on the number 2 starboard bottom tank on May 13, 2010. Approximately 18,813 gallons of oil and contaminated water were removed from the number 4 starboard wing tank.

After recovering the majority of the product from the number 4 starboard wing tank, divers secured hoses and disconnected from the fuel tanks. The dive platform landing craft *Glacier* pulled away from the wreck and transited back to Auke Bay for re-fueling. During night operations, the *Glacier* returned to the site and the warm water flushing of the number 4 starboard wing tank commenced.

Global has successfully removed recoverable oil from 7 of the 14 fuel tanks, and work continues today on the eighth tank. Tanks are considered clean after 25 full volume cycles of warm water are flushed through each tank. Global manually probes the interior of the tank to confirm they are oil free. The total volume of oil recovered to date is approximately 55,200 gallons. 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.

Global continues preparations for hot tapping on the port wing tanks. Instrumentation will be inserted in the number 4 port wing tank today in preparation for pumping operations.

Active booming operations are ongoing to contain the sheen produced by the *Princess Kathleen*. Strong winds on Wednesday, May 12, caused damage to the boom configuration. 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. In addition to the 55,200 gallons of fuel removed to date, crews removed an additional 840 gallons from the overhead spaces.

RESOURCES AFFECTED: Shoreline Cleanup Assessment Technique (SCAT) teams are conducting surveys to monitor impacts to sensitive areas. A few small quarter-size patches of oil have been found on shorelines near the fuel pumping operations. The oil is tar-like and very weathered, which suggest that it has been on the shore for a number of months or longer. SCAT team will be monitoring the shoreline to determine if any additional impacts are occurring during the fuel removal and cleanup operations.

SEAPRO is equipped and authorized to conduct wildlife hazing as necessary. The Unified Command and NOAA have developed a communication plan for when marine mammals are 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: Work to provide access to the port wing tanks will continue. Fuel pumping operations will continue, moving from one fuel tank to the next.

WEATHER: Today: North winds 10 knots with seas 2 feet or less. Tomorrow: South winds 10 knots seas 2 feet or less, rain.

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 Tiernan, ADEC, (907) 465-5378 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
USDA Forest Service - Tongass Env. Engineer	Michele Marie Parker	Email	mmparker@fs.fed.us	772-5850	772-5896
USDA Forest Service - Admiralty Island National	District Ranger Marti Marshall	Email	mymarshall01@fs.fed.us	789-6202	

Agency/ Stakeholders	Name	Sent Via	Additional Info	Telephone	Fax
Monument					
NMFS	Jon Kurland	Email	Jon.kurland@noaa.gov	586-7638	586-7358
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ADF&G	Joe Hitselberger	Email	Joe.Hitselberger@alaska.gov	465-4346	465-4759
Douglas Indian Association	Doug Dobyms, Environmental Planner	Email	DougDobyms@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
SEAPRO	Dave Owings	Email	Dave@seapro.org		
SEAPRO	Cheryl Fultz	Email	Cheryl@seapro.org		



(Left) The landing craft *Glacier* transits back to Auke Bay for re-fueling; (Right) The dive site above the Princess Kathleen without the *Glacier*.