



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

CHANGES FROM PREVIOUS SITREPS ARE DENOTED IN RED

Kulluk Tow Incident

SITREP #: 9

SPILL #: 12249936201

TIME/DATE OF DISTRIBUTION: 7 p.m., January 6, 2013

POTENTIAL RESPONSIBLE PARTY (PRP): Shell Exploration and Production Company

INCIDENT LOCATION: The conical drilling unit (CDU) *Kulluk* grounded at a location between the north end of Ocean Bay and Partition Cove on Sitkalidak Island. The location of the grounded vessel is Lat 57° 5' 28.099N, Long 153° 6' 23.546W.

TIME/DATE OF SPILL: The CDU *Kulluk* grounded at 8:48 p.m., December 31. **As of January 6, the *Kulluk* is upright and is not showing any signs of a breach of the hull or sheen.** The tug *Aiviq* and the tug *Alert* lost their tow of the CDU *Kulluk* on December 31. The M/V *Aiviq* lost its tow shortly after 4:30 p.m. While the tug *Alert* was attempting to hold the *Kulluk* in place an engine warning system alerted crew of over taxing the engine and required the *Alert* to temporarily reduce power on the engine, which impacted the towing operation. The towline was released at approximately 8:10 p.m. due to safety concerns. The CDU *Kulluk* subsequently drifted and went aground at the above location.

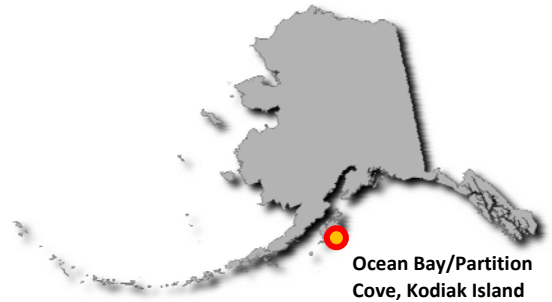
HOW/WHEN SPILL WAS DISCOVERED: At the time of the grounding, the CDU *Kulluk* was currently carrying 143,000 gallons of ultra low sulfur diesel fuel and 12,000 gallons of other petroleum products.

TYPE/AMOUNT OF PRODUCT SPILLED: **The salvage crew reported no sheen during operations on January 6.**

CAUSE OF SPILL: The CDU *Kulluk* went aground after the towlines between the vessel and the two tow vessels parted.

SOURCE CONTROL: Unknown at this time.

RESPONSE ACTION: The Unified Command continues to mobilize spill response and salvage equipment. Spill response plans have been developed for the specific areas near the *Kulluk* and the plan is being updated daily based on weather and operations. The January 3 *Kulluk* assessment team inspected all fuel tanks and voids; the three upper decks and the lower storage deck was reported to have water damage. The fuel tanks which are located at the five meter level were found to be intact with no fuel leakage detected. During the assessment by the salvage crew members, seawater was discovered in the 3S-7C internal void compartment. The compromise does not pose a threat to the stability of the vessel. An overflight was conducted January 4 to survey any wildlife in the area, and spotted two brown bears on the Ocean Bay shoreline. Eleven salvage team members were placed on board the *Kulluk* on January 5, 2013 in preparation for moving the vessel. A press conference



attended by a number of local media as well as other media via phone was held today. Assets continue to be staged in support of vessel removal. Flight operations are ongoing as weather permits. A preliminary Shoreline Cleanup Assessment Plan has been developed. Local spill responders were mobilized this morning to the Ocean Bay area and deployed boom as an effort to protect three streams in the area in the event of a release. The new towline was successfully transferred to the *Aiviq* overnight. A messenger line was retrieved by the salvage crew on the *Kulluk* by midday, and the 10-inch Dyneema towline (attached to the messenger line) was brought aboard the *Kulluk* by the crew. The salvage crew has secured the towline and approval has been granted by the Unified Command to apply light pressure on the towline between the CDU *Kulluk* and the M/V *Aiviq*.

RESOURCES AFFECTED: The shorelines of Partition Cove on Sitkalidak Island are primarily comprised of mixed sand and gravel beaches. Several salmon-bearing streams are also in the general area. The shorelines of Ocean Bay are primarily comprised of exposed tidal flats with salt marsh lagoon at the mouth of a large salmon-bearing stream in the middle of the bay. Spill protection plans exist to protect those areas. Harbor seal concentrations are present in MacDonald Lagoon, also known as Fox Lagoon. Overwintering waterfowl, shorebirds, other bird species may be present. Steller's eiders are potentially present in the nearshore waters. The *Steller's Eider* is an Endangered Species Act (ESA)-listed species. Sitkalidak Island is within designated critical habitat for the Steller sea lion which may be present in the area. Sitkalidak Island is within designated critical habitat for the ESA-listed Southwest sea otter population which may be present in the area.

Sea lions were spotted in the water in the vicinity of the *Kulluk* and mountain goats were spotted on the adjacent uplands by the *Kulluk* assessment team.

FUTURE PLANS AND RECOMMENDATIONS: The Unified Command is managing the salvage and potential spill response phase of the response. Spill responders and equipment are currently mobilized and will implement spill response operations as soon as weather permits, if necessary. The salvage plan is being developed to recover the vessel as appropriate based on reports from the assessment team. The implementation of the plan will begin as soon as all equipment, personnel, weather and conditions of the *Kulluk* meet operational expectations. A public meeting is being organized in Old Harbor on Monday January 7. If the *Kulluk* is mobilized, the tow operation will commence and the vessels will proceed to Kiliuda Bay, accompanied by the fleet of support and spill response vessels.

WEATHER: Today: winds east 25 knots with gusts to 35 knots becoming southeast this afternoon. Seas 10 feet building to 14 feet this afternoon. Rain. Tomorrow: winds southwest 20 knots becoming 15 knots in the afternoon. Seas subsiding to 8 feet by afternoon.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Sean Churchfield, Shell
SOSC: Steve Russell, ADEC
FOSC: Scott Bornemann, USCG
LOSC: Duane Dvorak, Kodiak Island Borough

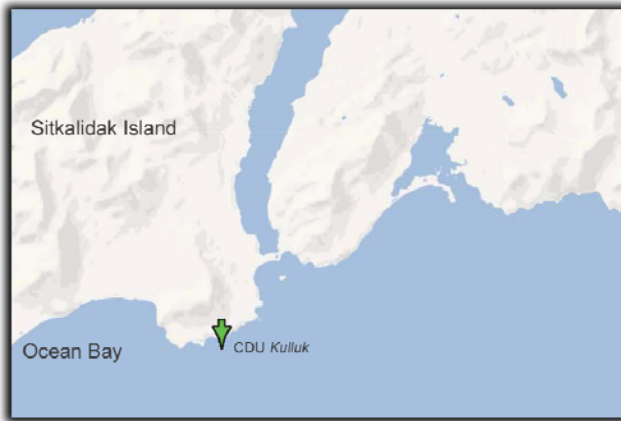
TIME/DATE OF THE NEXT REPORT DISTRIBUTION: 6 p.m., January 7, 2013.

FOR ADDITIONAL INFORMATION CONTACT: Shannon Miller, Public Information Officer, (907) 269-7684 or Ty Keltner, Public Information Officer, ADEC (907) 388-8822. To contact the Joint Information Center, please call (907) 433-3417, or visit the following website for additional information:

<http://dec.alaska.gov/spar/aiviq> Or <https://www.piersystem.com/go/site/5507/>

A community information line has been established for the public, the number is: (907)771-7910 within Anchorage or (866)771-7910 outside of Anchorage.

Location of the Grounded Vessel



Helicopter landing on *Kulluk*
(Photo USCG, January 4, 2013)



Gear being loaded onto flight to Kodiak
(Photo by USCG, Jan 4, 2013)

AGENCY/STAKEHOLDER NOTIFICATION LIST:

Please refer to Sitrep 6 for the updated agency/stakeholder notification list. The link to that sitrep can be found in the **Additional Information** box above.