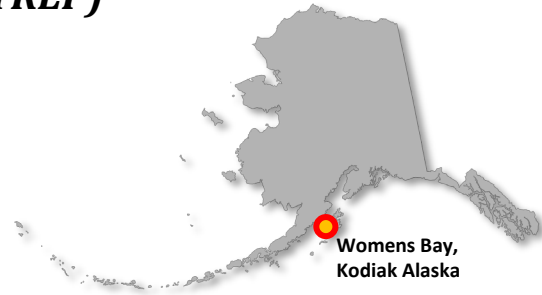




ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Spill Prevention and Response
Prevention Preparedness and Response Program
SITUATION REPORT (SITREP)



F/V *St. Patrick* Womens Bay Release

SITREP #: 1

SPILL #: 21249921701

DATE/TIME OF DISTRIBUTION: August 17, 2021, at 4:00 p.m.

POTENTIAL RESPONSIBLE PARTY (PRP): Undetermined.

INCIDENT LOCATION: Womens Bay, Kodiak, Alaska (Lat/Long: 57.7183, -152.5487)

DATE/TIME OF SPILL: August 3, 2021 was the first report of a sheen in Womens Bay

HOW/WHEN SPILL WAS DISCOVERED AND REPORTED: The spill was discovered when members of the public saw the sheen and reported to the Alaska Department of Environmental Conservation (ADEC) on August 3, 2021. The United States Coast Guard (USCG) investigated the initial report but found no evidence of the spill. On August 5, 2021, the USCG and ADEC received additional reports of a sheen in Womens Bay from a local resident. The Alaska Department of Fish and Game (ADFG) conducted an overflight on August 5, 2021 and observed a large sheen in the bay.

TYPE/AMOUNT OF PRODUCT SPILLED: An unknown amount of diesel fuel has leaked from the wreck. There is an unknown amount of diesel, engine oils and lubricants remaining on the vessel.

CAUSE OF SPILL: The cause of the spill was a leak from a sunken fishing vessel, the F/V *St. Patrick*. On August 10, 2021, a dive team discovered that the leak was coming from several pinholes in the vessel hull where the heads of rivets had corroded away. The vessel was moored in Womens Bay from 1981 to 1989, before it eventually sank on its mooring.

SOURCE CONTROL: Source control has not been fully achieved. On August 10, 2021 the dive crew that discovered the source of the leak installed wooden damage control plugs into the pinholes left by the eroded rivet heads. Dive crews have been maintaining the seals on the rivets since then. This has reduced the fuel discharge from the vessel's hull. Dive crews started defueling the vessel on August 16th.

RESPONSE ACTION: The USCG, ADEC, and other state and federal agencies have been coordinating response efforts. USCG opened the National Pollution Response Fund to provide funding for response efforts.

At the request of the USCG, Global Diving & Salvage, Inc (Global), Alaska Chadux Network, and Paradigm Marine, LLC mobilized to the site on August 7, 2021. Containment and absorbent boom were deployed around the area of the wreck. Since August 10, 2021 daily diving operations have continued. Those efforts have included maintaining the seals on the compromised rivets, cleaning areas around the vessel frame, and assessing the

condition of the vessel, including use of an underwater Non-Destructive Testing metal thickness gauge and a 3D side scan sonar.

Response crews are using sorbent boom and sorbent sweep to remove the fuel collecting in the containment boom. Booming has been effective but swell and chop and strong currents have compromised the effectiveness of the containment boom at times. The crews continue to make adjustments to maximize the effectiveness of the booming operations. As of the evening of August 15, 2021, approximately 3,600 feet of sorbent sweep and 2,080 feet of sorbent boom have been used in the response.

The response crews began removing fuel from the hull on August 16, 2021, recovering an estimated 2,425 gallons of oil product by the end of the day. Global has deployed an Ocean Buster skimmer onto the tank barge Kittiwake for preparations in the event of a significant discharge during defueling operations.

RESOURCES AT RISK OR AFFECTED: Currently there have been no reports of oiled or affected wildlife. Sheen has been observed on the surface of Womens Bay, but no impacts to shoreline have been observed as of the evening of August 16, 2021.

Womens Bay is critical habitat for multiple species listed under the endangered species act to include: Western Distinct Population Segment (DPS) of the Steller sea lion (Endangered), the Southwest Alaska DPS of northern sea otters (Threatened). Humpback whales (some may be part of a listed DPS), fin whale (Endangered), sperm whale (Endangered) may be in Chiniak Bay, Steller's eider (Threatened) winter in Kodiak, and may be present. Other species may be in the area, such as harbor seals, harbor porpoise, killer whales, gray whales, minke whales. Womens Bay is also designated as important habitat for multiple species of birds, such as emperor goose, and bald eagles which are present year-round.

Womens Bay is designated as essential fish habitat for all 5 species of pacific salmon and several other species of marine fish. Multiple streams used by salmon for spawning (anadromous) flow into Womens Bay.

Womens Bay is part of the Alaska Maritime National Wildlife Refuge (submerged waters). Womens Bay also hosts the USCG Base Kodiak, and there is likely to be high vessel traffic. Sport fishing for Dungeness crab, as well as some fishing for pink salmon near Nyman Peninsula may occur, but most fishing takes place outside of the bay.

FUTURE PLANS AND RECOMMENDATIONS: The response team is continuing to defuel the hull through the use of a connection into the leaking rivets. A naval architect is reviewing the data collected using 3D multibeam sonar data to determine the condition and structures of the vessel. Based on the information gathered, the response team is developing a plan for accessing other areas to determine the hull's contents and the safest option for removing the remaining fuel, oils and lubricants.

WEATHER:

Tuesday: NNE wind 5 to 15 kt becoming NW in the afternoon. Rain likely, mainly before 7am. Seas around 2 ft.

Tuesday Night: Variable winds 5 kt or less. Mostly cloudy. Seas around 2 ft.

Wednesday: Variable winds 5 kt or less. Partly sunny. Seas around 2 ft.

Wednesday Night: Variable winds 5 kt or less. Mostly cloudy. Seas around 2 ft.

Thursday: Variable winds 5 kt or less. Mostly cloudy. Seas around 2 ft.

Thursday Night: Variable winds 5 kt or less. A chance of rain. Seas around 2 ft.

Tides: NOAA tide station 9457292 - Kodiak Island, AK

Date	Day	Time	Pred	High/Low
2021/08/17	Tue	10:06 PM	8.78	H
2021/08/18	Wed	05:31 AM	0.18	L
2021/08/18	Wed	12:14 PM	5.92	H
2021/08/18	Wed	04:53 PM	3.41	L
2021/08/18	Wed	11:19 PM	9.10	H
2021/08/19	Thu	06:36 AM	-0.39	L
2021/08/19	Thu	01:14 PM	6.54	H

UNIFIED COMMAND AND PERSONNEL:

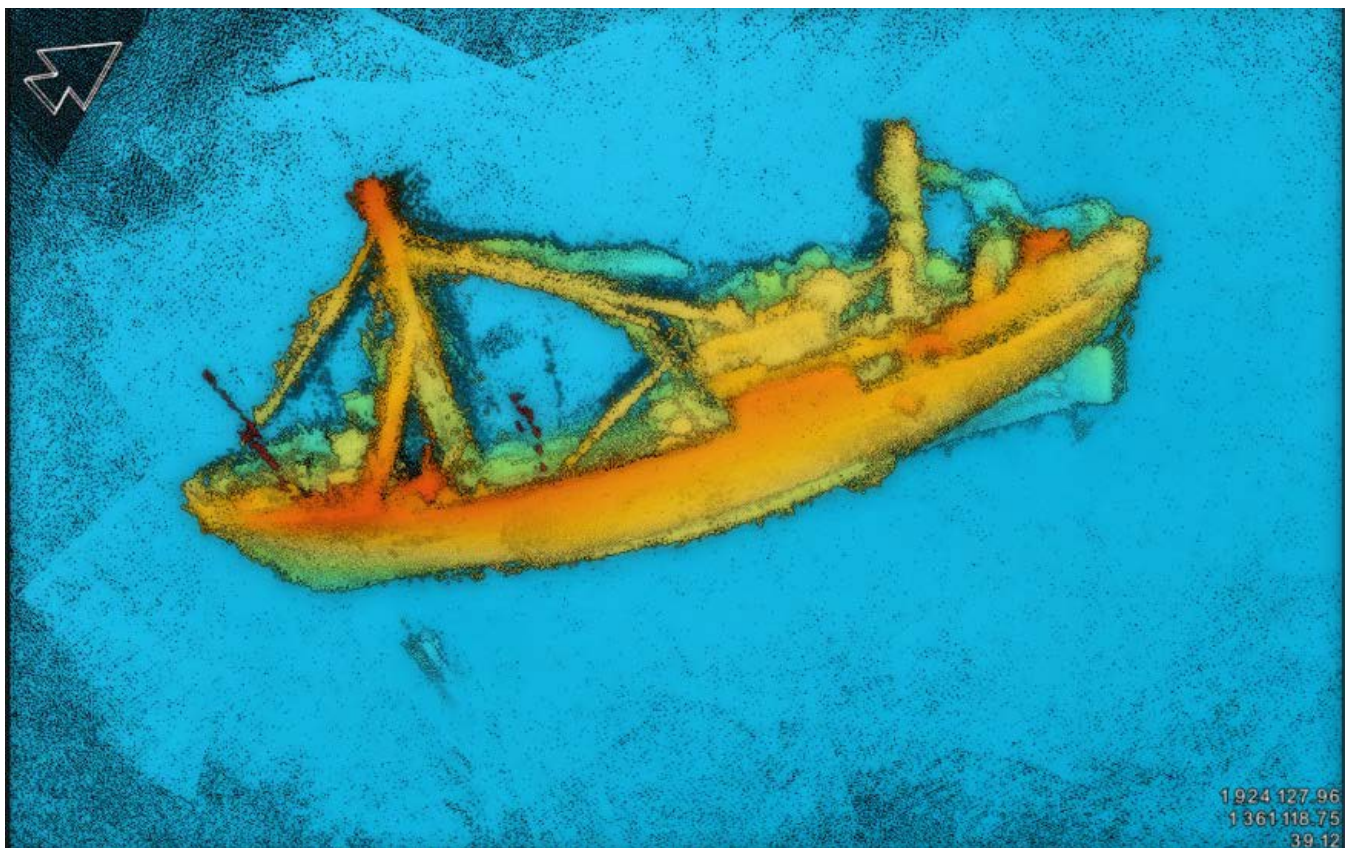
SOSC: Jade Gamble, ADEC

FOSC: MST1 Dane Grulkey, USCG

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.

FOR ADDITIONAL INFORMATION CONTACT: Jade Gamble, State On-Scene Coordinator, ADEC (907) 262-3422

https://dec.alaska.gov/spar/ppr/spill-information/response/2021/FV_ST_PATRICK_Womens_Bay_Release



(PHOTO PROVIDED BY ETRAC – SCREEN GRAM FROM AUGUST 15, 2021 3D SONAR)

AGENCY/STAKEHOLDER NOTIFICATION LIST: This situation report was distributed to the agencies listed on the standard distribution list, which includes the governor's office, State Emergency Operations Center, U.S. Department of the Interior, National Marine Fisheries Service, U.S. Fish and Wildlife Service, and other state agencies. This situation report was also distributed to the following agencies and stakeholders:

AGENCY / STAKEHOLDER	NAME	SENT VIA	ADDITIONAL INFORMATION	TELEPHONE	FAX
Senate P	Senator Gary Stevens	Email	senator.gary.stevens@akleg.gov Juneau (1/18-4/15) Kodiak (4/20-1/15)	465-4925 486-4925	465-3517 486-5264
House 32	Representative Louise Stutes	Email	representative.louise.stutes@akleg.gov Juneau (1/18-4/15) Kodiak (4/20-1/15)	465-2487 486-8872	465-4956 486-5264
USCG MSD/Kodiak	USCG -Office	Email	msdkodiak@uscg.mil	486-5918	
US EPA	Bob Whittier	Email	whittier.robert@epa.gov	206-553-1263 or 206-553-1264	271-3424
PWS/RCAC	Donna Schantz	Email	donna.schantz@pwsrca.org	877-478-7221	835-5926
CIRCAC	Mike Munger	Email	mikemunger@circac.org	283-7222	283-6102
City of Kodiak	Mike Tvenge, City Manager	Email	mtvenge@city.kodiak.ak.us	486-8636	486-8600
Kodiak Is. Borough	Code Enforcement Officer	Email	jdixon@kodiakak.us	486-9364 942-7568	486-9396
Ouzinkie Tribal Council	Robert Katelnikoff, Tribal Administrator Office	Email	administrator@ouzinkie.org	680-2259	680-2214
Native Village of Port Lions	Marilyn Wagner, Administrative Assistant	Email	administrator@portlionstribes.org	454-2234	454-2434
Native Village of Karluk	Office	Fax		241-2218	241-2208
Afognak Native Corporation	Office	Email	howard@afognak.com	486-6014	486-2514
Koniag Inc.	Office	Email	polsen@koniag.com	486-2530	486-3325
Natives of Kodiak, Inc	Office, David Anderson (Vice President)	Email	anderson.nok@ak.net	486-3606	486-2745
Shuyak, Inc.	Office, Lisa Cook (treasurer)	Email	elcasy@mtaonline.net	733-2289	
Sun'aq Tribe of Kodiak	Jeannine (JJ) Marsh	Email	ceo@sunaq.org	486-4449	486-3361
City of Larsen Bay	Office	Email	cityoflarsenbay@aol.com	847-2211	847-2239