Mendenhall River, SE07-01

Center of map at 58° 20.1' N Lat., 134° 37.0' W Lon.

Map & Photo Legend

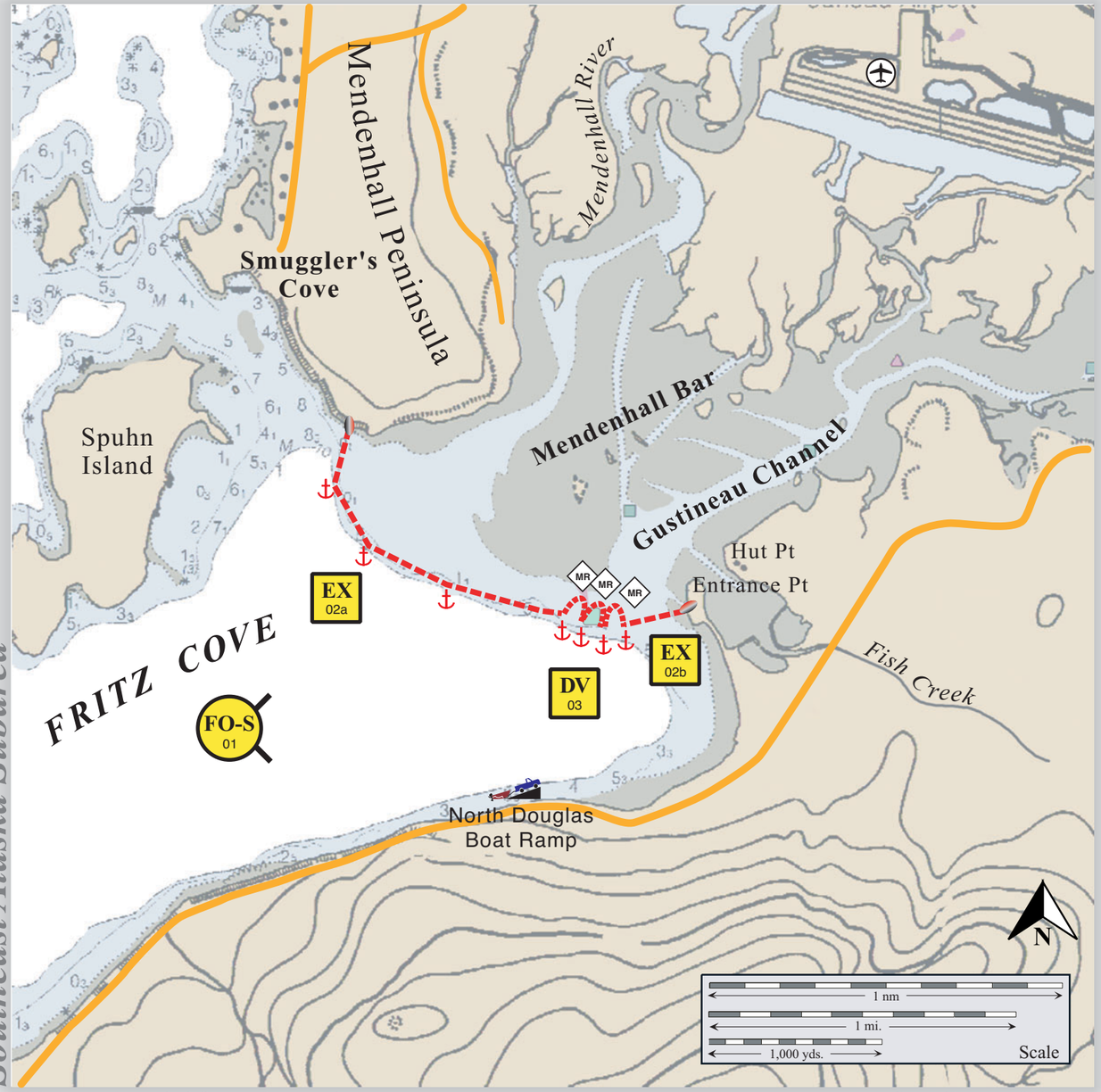
SE07-01-02 Looking east across peninsula at Mendenhall Bar and Hut Point.

SE07-01 Looking south over Hut Point.

SE07-01-02 Looking over the Mendenhall Bar to the northeast.

- FO-S — Free-oil Containment and Recovery, Shallow Water
- DV — Diversion Booming
- Protected-water Boom
- MR — Marine Recovery
- Tidal-seal Boom
- Navigational Markers (seasonal)
- Boat Ramp
- Road
- Airport

Geographic Response Strategies for Southeast Alaska Subarea



This is not intended for navigational use.

Soundings in fathoms

June 26, 2003

Tim L. Robertson

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SE07-01-01	**Fritz Cove** Nearshore waters in the general area of: Lat. 58º 19.6 N Lon. 134º 39.2 W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment near Mendenhall River.	Deploy free-oil recovery strike teams upwind and up-current of Mendenhall River. Use aerial surveillance to locate incoming slicks.	Multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	N. Douglas boat ramp or Auke Bay public dock	Via marine waters	Same as SE07-01-02	Vessel masters should have local knowledge.
SE07-01-02	**Mendenhall Bar** Boom Segment Locations: Segment a. Northwest end Lat. 58º 20.47 N Lon. 134º 38.25 W Southeast end Lat. 58º 19.91 N Lon. 134º 37.10 W Segment b. West end Lat. 58º 19.85 N Lon. 134º 36.77 W East end Lat. 58º 19.91 N Lon. 134º 36.38 W	**Exclusion** Exclude oil for the Mendenhall Bar where the flood tide currents are less than 1 kt.	Use class 2 and class 3/4 vessels with deck space to transport equipment, class 6 setnet or seine skiffs to deploy boom and set sm. anchors. Place boom segment a., ~5,500 ft. of protected-water, boom from Mendenhall Peninsula to entrance of Gastineau Channel. Place boom segment b., ~1,200 ft. of protected-water, boom from entrance of Gastineau Channel to Entrance Point. Tend boom throughout tide. If current exceeds boom's ability to exclude oil, convert to Divert/Recovery as shown in SE07-01-03.	**Deployment** **Equipment** 6,700 ft. protected-water boom 35 ea. anchor systems (~40 lbs.) 2 ea. 50 ft. tidal-seal 4 ea. anchor stakes **Vessels** 1 ea. class 2 3 ea. class 3/4 4 ea. class 6 **Personnel / Shift** 28 ea. vessel crew **Tending** **Vessels** 2 ea. class 3/4 2 ea. class 6 **Personnel / Shift** 10 ea. vessel crew	N. Douglas boat ramp or Auke Bay public dock	Via marine waters	Fish-intertidal salmon/trout spawning (pink, chum, coho, sockeye, steelhead, Dolly Varden, cutthroat) Birds-waterfowl (year-round) and shorebird (spring and fall) concentrations Habitat-sheltered tidal flats, marsh Human use-high recreational use	REPORT any cultural resources found during operations to FOSC Historic Properties Specialist. See Figure G-3-14 for equipment locations. Title 41 permit may be necessary. Contact ADNR. Tested: 6/17/03 SEAPRO Surveyed: 5/2/03, 6/17/03 TLR, SEAPRO, ADEC
SE07-01-03	**Northern End of Gastineau Channel** In the general area of: Lat. 58º 19.87 N Lon. 134º 39.95 W	**Diversion / Recovery** Divert oil to designated marine recovery in areas where the flood tide currents exceed 1 kt.	Use class 2 and class 3/4 vessels with deck space to transport equipment, class 6 setnet or seine skiffs to deploy boom and set sm. anchors. Place three 1,000 protected-water U-boom arrays in the gap of the exclusion boom to collect oil moving on the flood tide current. The mouth of each U-boom should be approximately 330 ft. wide. Use marine recovery units to recover oil collected in booms or gate the U-boom arrays and recover oil concentrated oil as it flows through the gate. Tend throughout the flood tide.	**Deployment** **Equipment** 3,000 ft. protected-water boom 12 ea. lg. anchor systems (~75 lbs.) 6 ea. 25 ft. chains for gates 3 ea. marine recovery units **Vessels** Same as SE07-01-02 **Personnel / Shift** Same as SE07-01-02 **Tending** **Vessels** Same as SE07-01-02 **Personnel / Shift** Same as SE07-01-02	N. Douglas boat ramp or Auke Bay public dock	Via marine waters	Same as SE07-01-02	Tested: 6/17/03 SEAPRO Surveyed: 5/2/03, 6/17/03 TLR, SEAPRO, ADEC