Pt. Carolus, SE06-01

Center of map at 58° 21.9' N Lat., 136° 04.5' W Lon.

Map & Photo Legend

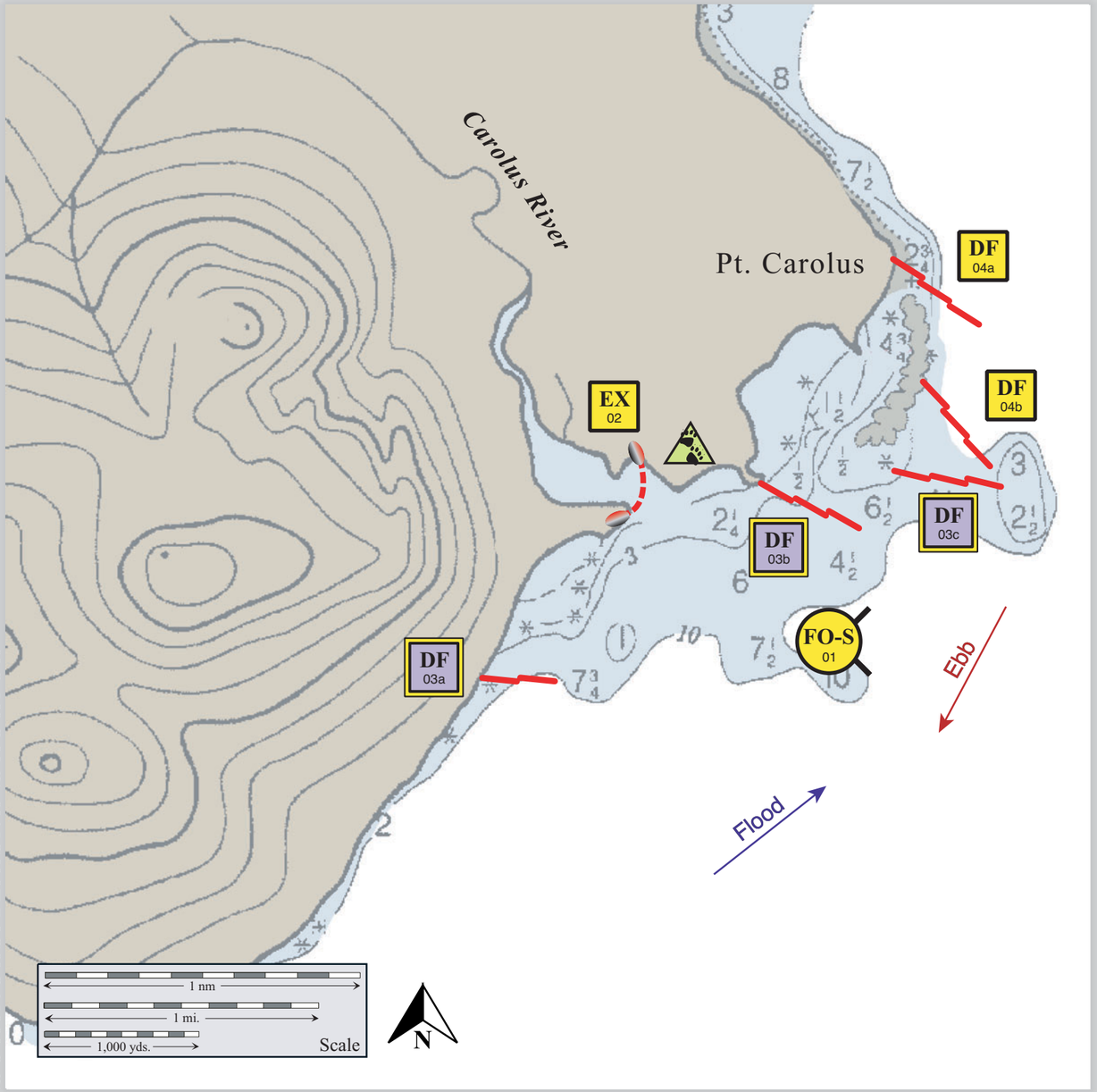
SE06-01 Looking southwest at Point Carolus.

SE06-01 Looking west at Point Carolus.

SE06-01-02 Looking north at the Carolus River.

- FO-S — Free-oil Containment and Recovery, Shallow Water
- EX — Exclusion Boom
- DF — Deflection Boom, Ebb Tide
- DF — Deflection Boom, Flood Tide
- Protected-water Boom
- Open-water Boom
- Tidal-seal Boom
- Bear Guard Needed

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
SE06-01-01	**Point Carolus (Carolus River)** Nearshore waters in the general area of: Lat. 58º 21.7 N Lon. 136º 02.7 W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment near Point Carolus and Carolus River.	Deploy nearshore free-oil recovery strike teams upwind and up current of Point Carolus and Carolus River. Use aerial surveillance to locate incoming slicks.	Multiple nearshore free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Public access dock, Bartlett Cove	Via marine waters	Same as for SE06-01-02	Vessel masters should have local knowledge.
SE06-01-02	**Carolus River** Lat. 58º 22.2 N Lon. 136º 03.9 W	**Exclusion** Exclude oil from entering Carolus River.	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 anchors. Place 800 ft. of protected-water boom, with tidal-seal on both ends, across the mouth of Carolus River.	**Deployment** **Equipment** 800 ft. protected-water boom 10 ea. anchor systems (~40 lbs.) 2 ea. 50 ft. tidal-seal 4 ea. anchor stakes. **Vessels** 2 ea. class 2 2 ea. class 3/4 2 ea. class 6 **Personnel / Shift** 18 ea. vessel crew **Tending** **Vessels** 1 ea. class 3/4 2 ea. class 6 **Personnel** 7 ea. vessel crew	Public access dock, Bartlett Cove	Via marine waters	Marine mammals-harbor seal and Steller Sea Lion rookeries and haulouts (summer - 500 yd. exclusion zone around haulout), humpback whale concentration (April – October) Fish-intertidal salmon/trout spawning (coho, chum, pink, Dolly Varden), juvenile fish rearing in kelp and reefs (summer) Birds-waterfowl and shorebird feeding and concentration area (year-round) Habitat-kelp beds, marsh, sheltered rocky shore Human use-high recreational use Land management-National Park Terrestrial mammals-bears	See Figure G-3-12 for equipment locations. This area is located in Glacier Bay National Park. FOSC Historic Properties Specialist should MONITOR on-site operations. Title 41 permit may be necessary. Contact ADNR. Bears in area. 160 acres of private land at Carolus River mouth. Vessel masters should have local knowledge. Tested: 06/04/03 SEAPRO, NPS Surveyed: 5/02 NPS, TLR
SE06-01-03	**Point Carolus DF-03** a. Lat. 58º 22.0 N Lon. 136º 03.8 W b. Lat. 58º 22.2 N Lon. 136º 02.9 W c. Lat. 58º 22.3 N Lon. 136º 02.2 W	**Deflection (ebb)** Deflect oil away from Carolus River and Pt. Carolus reef.	Place open-water boom in cascade arrays, with 660 ft. sections, to deflect oil traveling northeast away from Carolus River and Pt. Carolus reef. Boom Arrays a. 1320 ft. b. 1980 ft. c. 1980 ft.	**Deployment** **Equipment** 5280 ft. open-water boom 16 ea. anchor systems (~500 lbs.) **Vessels / Personnel / Tending** Same as SE03-01-02	Public access dock, Bartlett Cove	Via marine waters	Same as for SE06-01-02	This tactic for flood tides, let booms flag during ebb. Currents up to 4 kts. Tested: 06/04/03 SEAPRO, NPS Surveyed: 5/02 NPS, TLR
SE06-01-04	**Point Carolus DF-04** a. Lat. 58° 22.8 N Lon. 136° 02.1 W b. Lat. 58° 22.4 N Lon. 136° 01.9 W	**Deflection (flood)** Deflect oil away from reef	Place open-water boom in cascade arrays, with 660 ft. sections, to deflect oil traveling southwest away from reef at Pt. Carolus. Boom Arrays a. 1980 ft. b. 1980 ft.	**Deployment** **Equipment** 3960 ft. open-water boom 12 ea. anchor systems (~500 lbs.) **Vessels / Personnel / Tending** Same as SE03-01-02	Public access dock, Bartlett Cove	Via marine waters	Same as for SE06-01-02	This tactic for ebb tides, let boom flag during flood. Currents up to 4 kts. Tested: 06/04/03 SEAPRO, NPS Surveyed: 5/02 NPS, TLR