Rocky Bay, PWS-SE04

Center of map at 60° 21.5' N Lat., 147° 03.1' W Lon.

Map & Photo Legend

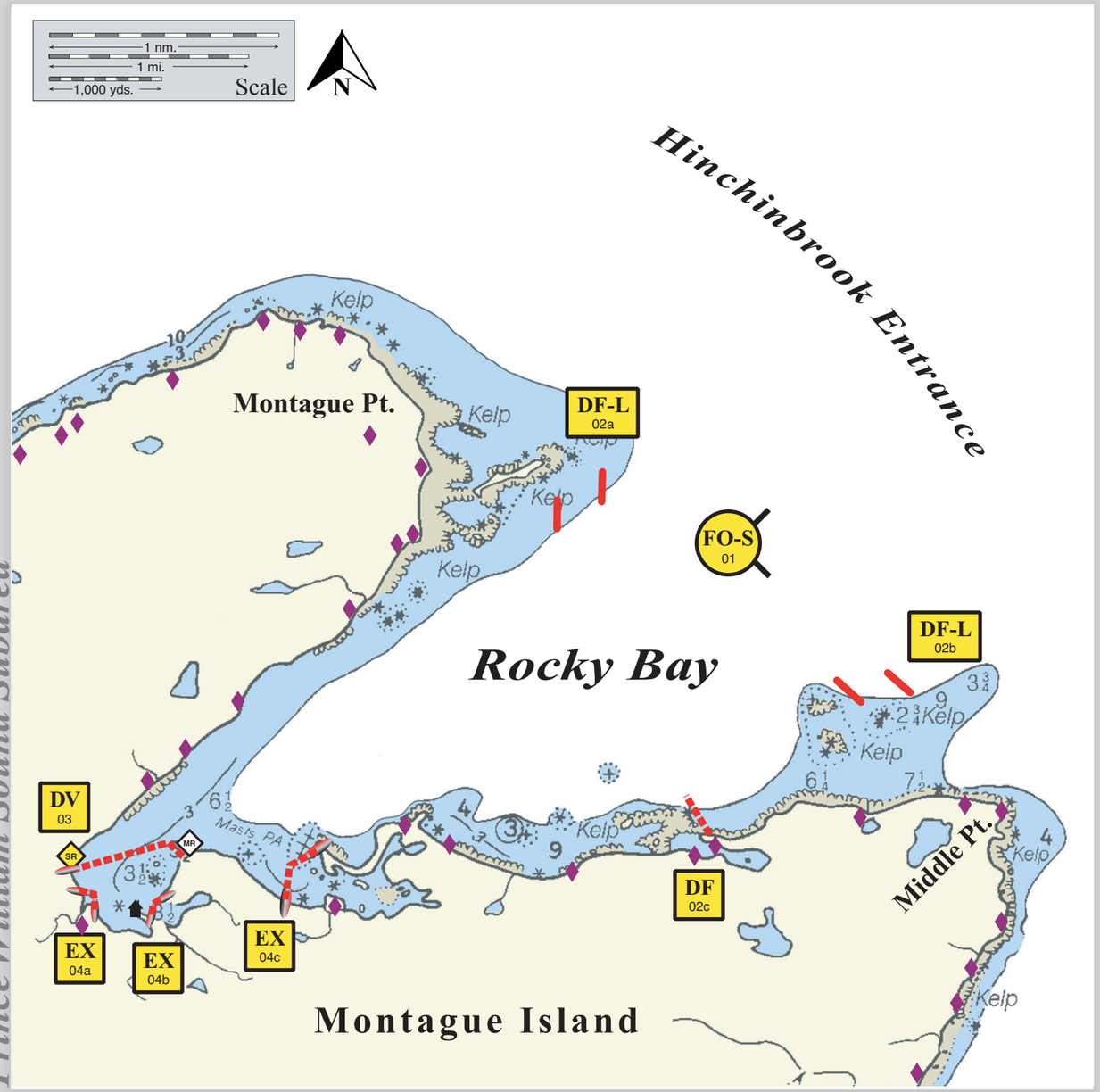
SE-04 Rocky Bay viewed from the northeast.

SE-04-04c Rocky Bay lagoon viewed from the north.

SE-04-03 Head of Rocky Bay viewed from the northeast.

- FO-S — Free-oil Containment and Recovery, Shallow Water
- EX — Exclusion Booming
- DF-L — Deflection Booming, Live
- DF — Deflection Booming, Fixed
- DV — Diversion Booming
- Open-water Boom
- Protected-water Boom
- Tidal-seal Boom
- MR — Marine Recovery
- SR — Shoreside Recovery
- Cabin
- Eagle Nest

Geographic Response Strategies for Prince William Sound Subarea



This is not intended for navigational use.

Soundings in fathoms

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ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
PWS SE04-01	**Rocky Bay** Nearshore waters in the general area of: Lat. 60º 21.59 N Lon. 147º 02.78 W	**Free-oil Recovery-Shallow Water** Maximize free-oil recovery in the offshore & nearshore environment of Rocky Bay depending on spill source and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Rocky Bay. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Vessel platform	Marine Chart 16709-1	Same as PWS-SE04-02	Vessel master should have local knowledge.
PWS SE04-02	**Inlets** a. northern shoreline Lat. 60º 21.95 N Lon. 147º 04.09 W b. Middle Point Lat. 60º 21.12 N Lon. 147º 01.36 W c. southern shoreline Lat. 60º 20.56 N Lon. 147º 02.80 W	**Deflection** Deflect oil away from Rocky Bay using live and fixed deflection.	Transport equipment by vessel (class 2). Deploy anchors and boom with fishing vessels and skiffs (class 3/4/6). Place boom at the proper angle to deflect oil away from Rocky Bay. Tend throughout the tide. Boom Lengths: a. 2 ea. 660 ft. open-water boom b. 2 ea. 660 ft. open-water boom c. 1200 ft. protected-water boom	**Deployment** **Equipment** 2640 ft. open-water boom 1200 ft. protected-water boom 10 ea. anchor systems (~20 lbs.) **Vessels** 2 ea. class 2 12 ea. class 3/4 3 ea. class 6 **Personnel/Shift** 50 ea. vessel crews **Tending** **Vessels** 10 ea. class 3/4 2 ea. class 6 **Personnel/Shift** 38 ea. vessel crews	Vessel platform	Marine Chart 16709-1	Marine mammals-harbor seals, sea otters Fish-intertidal spawning, salmon (May-Sept.), herring (April-May) Birds-sea birds, shorebird concentration (April-May), eagle nest Human use-subsistence, high recreational use Habitat- marsh, sheltered tidal flats	FOSC Historic Properties Specialist should MONITOR on-site operations. Surveyed: GRS WG 7/24/02
PWS SE04-03	**Rocky Bay - head of bay** Lat. 60º 20.43 N Lon. 147º 07.92 W	**Divert and Collect** Divert oil to marine and shoreside collection.	Deploy anchors and boom with fishing vessels (3/4/6). A jet drive vessel is recommended for placing shore connections due to shallow water. Place anchors at apex and ends of boom. Set up collection unit Tend throughout the tide.	**Deployment** **Equipment** 3400 ft. protected-water boom 150 ft. tidal-seal (west end) 12 ea. anchor systems (~40 lbs.) 1 ea. marine collection unit 1 ea. shore-side collection unit **Vessels/Personnel/Shift** 3 response techs Same as PWS-SE04-02 **Tending** **Vessels/Personnel/Shift** 2 response techs Same as PWS-SE04-02	Vessel platform	Marine Chart 16709-1 Forest Service cabin on spit near the head of the bay. Lat. 60º 20.1 N Lon. 147º 07.6 W	Same as PWS-SE04-02	Counter clockwise current at the head of the bay on flood tide results in water running out under east end of boom. Surveyed: GRS WG 7/24/02 Deployed: SERVS 7/24/02
PWS SE04-04	**Inlets and stream mouth** a. unnamed inlet Lat. 60º 20.21 N Lon. 147º 08.33 W b. unnamed inlet Lat. 60º 20.18 N Lon. 147º 07.73 W c. unnamed inlet Lat. 60º 20.33 N Lon. 147º 06.43 W	**Exclusion** Exclude oil from entering unnamed inlets and unnamed stream at the head of the bay.	Considered a 2nd tactic after PWS-SE04-03a is deployed or if it cannot be deployed. Place tidal-seal boom across intertidal zone and protected-water boom around each inlet mouth. Alternately, place sorbent boom or snare line Tend throughout the tide. Boom Lengths: a. 200 ft. at storm berm b. 700 ft. c. 2400 ft.	**Deployment** **Equipment** 3100 ft. protected-water boom 6 sections ≥150 ft. tidal-seal boom 6 ea. anchor systems (~40 lbs.) 10 ea. anchor stakes **Vessels/Personnel/Shift** Same as PWS-SE04-02 **Tending** **Vessels/Personnel/Shift** Same as PWS-SE04-02	Vessel platform	Marine Chart 16709-1	Same as PWS-SE04-02	Secondary tactic if PWS-SE04-03a is effective. Consider using passive recovery. Surveyed: GRS WG 7/24/02