Shipyard & Mud Bays, PWS-SE10

Center of map at 60° 33.4' N Lat., 145° 48.3' W Lon.

Map & Photo Legend

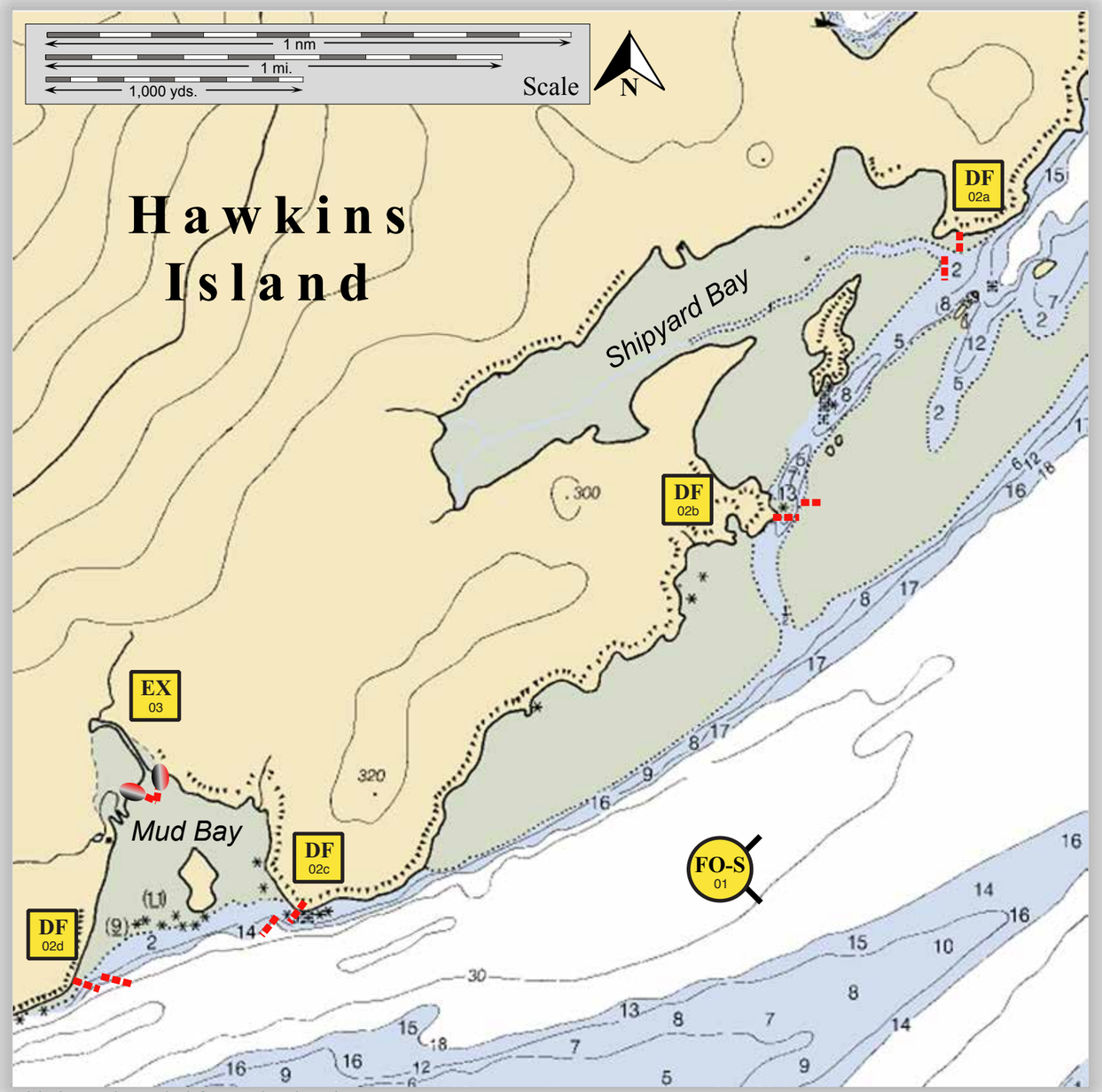
Shipyard Bay viewed from the west.

Shipyard Bay viewed from the northwest.

Mud Bay viewed from the north.

- FO-S — Free-oil Recovery
- EX — Exclusion Booming
- DF — Deflection Booming
- Protected-water Boom
- Tidal-seal Boom

Geographic Response Strategies for Southeast Prince William Sound Subarea



This is not intended for navigational use.

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ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
PWS SE-10-01 FO-S	**Shipyard & Mud Bays** Nearshore waters in the general area of: Lat. 60º 33.4 N Lon. 145º48.3 W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Shipyard & Mud Bays depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Fish 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.	Cordova Harbor	Via marine waters Chart 16710-1	Same as SE-10-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
PWS SE-10-02 DF	**Shipyard & Mud Bays** a. Lat. 60º 34.39 N Lon. 145º47.15 W b. Lat. 60º 33.84 N Lon. 145º47.94 W c. Lat. 60º 33.06 N Lon. 145º45.85 W d. Lat. 60º 32.89 N Lon. 145º50.78 W	**Deflection** Deflect oil coming from Orca Inlet away from Shipyard & Mud Bays and back into the channel for free-oil recovery. If natural deflection is sufficient for Free-oil Recovery, deployment is not necessary.	Deploy boom and anchor system with skiffs (class 6). Place 50 ft. sections of tidal-seal boom on the shore at each of the 4 sites. At each site place two 300 ft. sections of protected-water boom in a cascaded manner and at a proper angle to deflect oil out into the channel. Tend throughout the tide.	**Deployment** **Equipment** 2400 ft. protected-water boom 200 ft. tidal-seal boom 14 ea. anchor systems 8 ea. anchor stakes **Vessels** 1 ea. class 3/4 1 ea. class 6 **Personnel/Shift** 5 ea. vessel crew **Tending** **Vessels** 1 ea. class 3/4 1 ea. class 6 **Personnel/Shift** 3 ea. vessel crew	Vessel platform	Via marine waters Chart 16710-1	Fish- intertidal spawning- salmon (May-Sept.) Birds-waterfowl concentration Marine mammals-otters Habitat- marsh, sheltered tidal flats	Vessel master should have local knowledge. Much of this area will be dry at low tide. Site surveyed: 9/04/10. Tested: not yet
PWS SE-10-03 EX	**Mud Bay** Lat. 60º 33.31 N Lon. 145º50.46 W	**Exclusion** Exclude oil from impacting the identified stream and intertidal area in Fish Bay.	Deploy anchors and boom with skiffs (class 6) at high tide. Place 50 ft. sections of tidal-seal boom on each shore. Complete the remaining sections with 200 ft. protected-water boom in a chevron formation in front the identified stream in Mud Bay. Tend throughout the tide.	**Deployment** **Equipment** 100 ft. protected-water boom 200 ft. tidal-seal boom 1 ea. small anchor systems 4 ea. anchor stakes **Vessels/Personnel/Shift** Same as SE-10-02 **Tending** **Vessels/Personnel/Shift** Same as SE-10-02	Vessel platform	Via marine waters Chart 16710-1	Same as SE-10-02	Vessel master should have local knowledge. Title 41 permitting required from ADNR. Tested: not yet