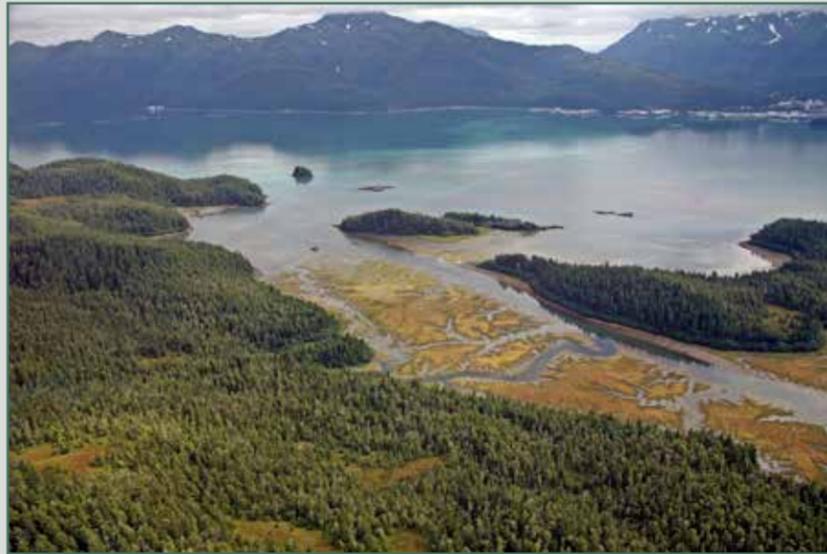


Map  
& Photo

Legend



Shipyard Bay viewed from the west.



Shipyard Bay viewed from the northwest.



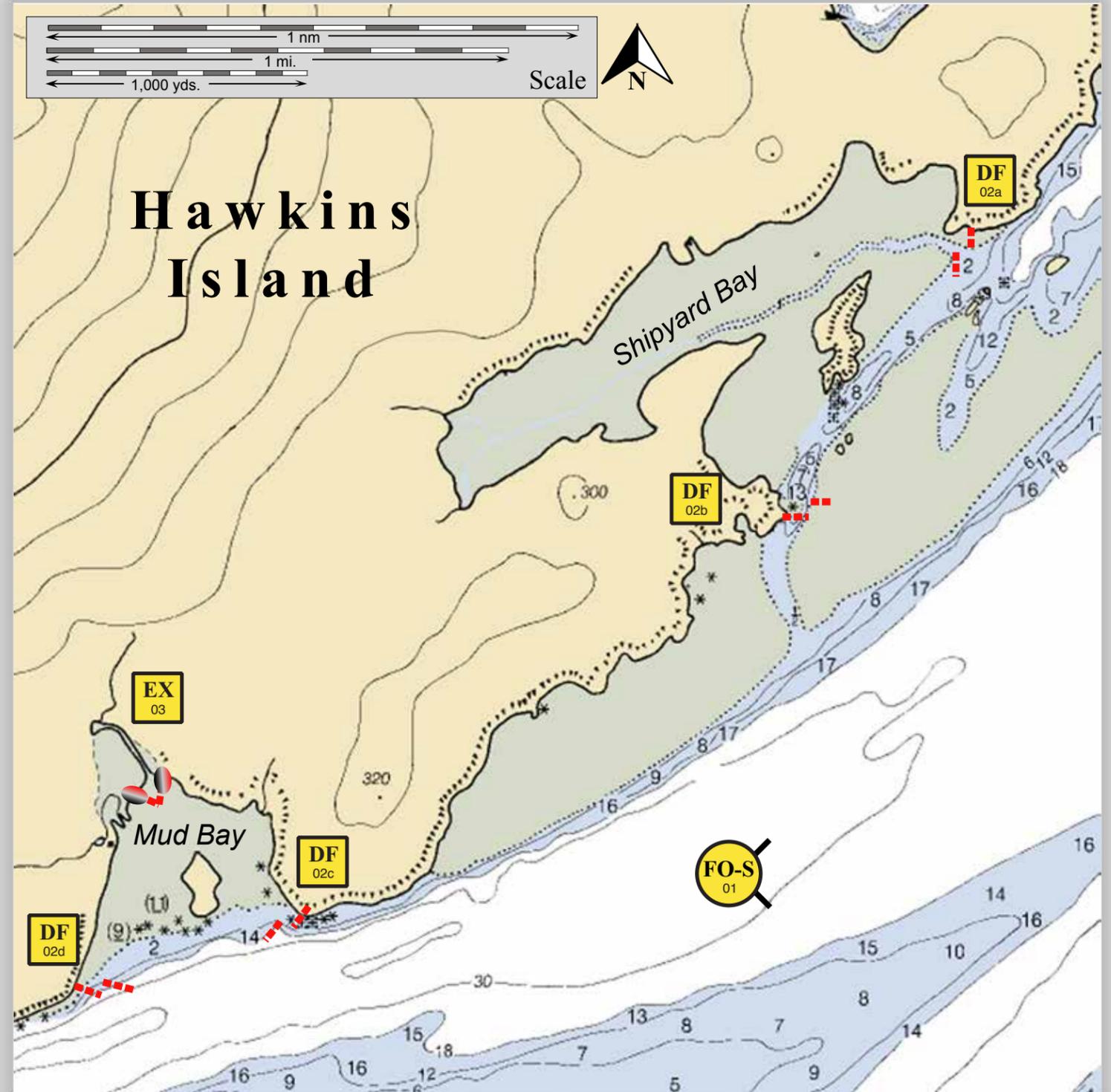
Mud Bay viewed from the north.

	Free-oil Recovery
	Exclusion Booming
	Deflection Booming
	Protected-water Boom
	Tidal-seal Boom

Geographic Response Strategies for  
Southeast Prince William Sound Subarea

# Shipyard & Mud Bays, PWS-SE10

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



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
PWS SE-10-01 	<b>Shipyard &amp; Mud Bays</b> Nearshore waters in the general area of: Lat. 60° 33.4 N Lon. 145°48.3 W	<b>Free-oil Recovery</b> 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 	<b>Shipyard &amp; Mud Bays</b> a. Lat. 60° 34.39 N Lon. 145°47.15 W b. Lat. 60° 33.84 N Lon. 145°47.94 W c. Lat. 60° 33.06 N Lon. 145°45.85 W d. Lat. 60° 32.89 N Lon. 145°50.78 W	<b>Deflection</b> 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.	<b>Deployment Equipment</b> 2400 ft. protected-water boom 200 ft. tidal-seal boom 14 ea. anchor systems 8 ea. anchor stakes <b>Vessels</b> 1 ea. class 3/4 1 ea. class 6 <b>Personnel/Shift</b> 5 ea. vessel crew <b>Tending Vessels</b> 1 ea. class 3/4 1 ea. class 6 <b>Personnel/Shift</b> 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 	<b>Mud Bay</b> Lat. 60° 33.31 N Lon. 145°50.46 W	<b>Exclusion</b> 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.	<b>Deployment Equipment</b> 100 ft. protected-water boom 200 ft. tidal-seal boom 1 ea. small anchor systems 4 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as SE-10-02 <b>Tending Vessels/Personnel/Shift</b> 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