

Map & Photo Legend










EX-03b viewed from the south.



EX-03a viewed from the south.



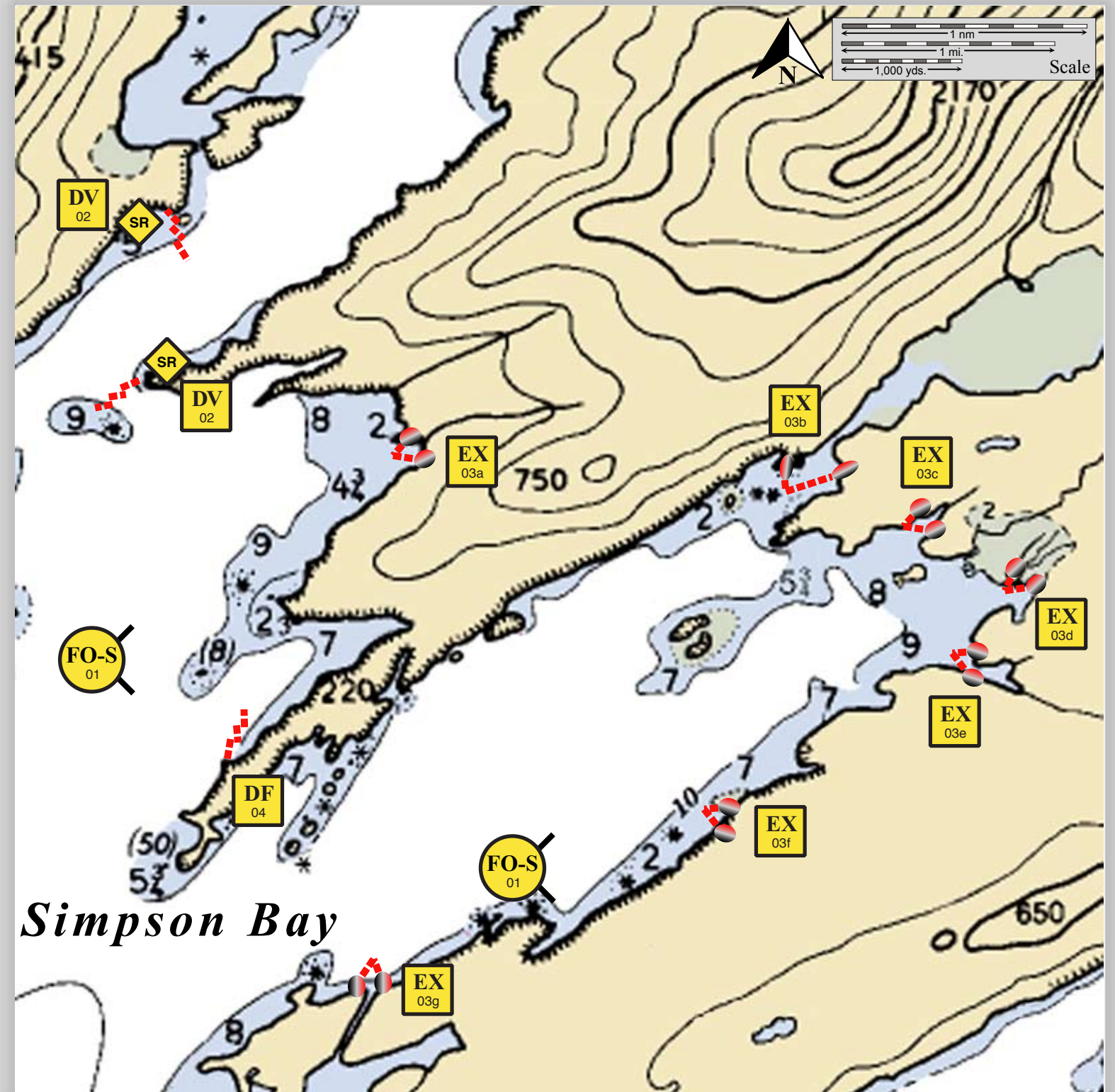
DF-04 site viewed from the east.

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





Geographic Response Strategies for Northeast Prince William Sound Subarea

Simpson Bay, PWS-NE39

Center of map at 60° 40.8' N Lat., 146° 33.6' 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
NE-39-01 	Simpson Bay Nearshore waters in the general area of: Lat. 60° 37.46 N Lon. 145° 54.9 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Simpson Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Simpson 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 16709-1	Same as NE-39-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
NE-39-02 	Simpson Bay a. Lat. 60° 39.13 N Lon. 145°54.21 W b. Lat. 60° 39.64 N Lon. 145°53.99 W	Divert and Collect Divert oil to shoreside collection locations on the shoreline of Simpson Bay.	Deploy anchors and boom with skiffs (class 6). At each site cascade three (3) 300 ft. sections protected-water boom at the proper angle to divert incoming oil to the shoreside collection site. Set up collection site and tend throughout the tide.	Deployment Equipment 1800 ft. protected-water boom 18 ea. anchor systems 4 ea. anchor stakes 2 ea. shoreside collection units Vessels 1 ea. class 3/4 1 ea. class 6 Personnel/Shift 5 ea. vessel crew 2 ea. response techs Tending Vessels 1 ea. class 3/4 1 ea. class 6 Personnel/Shift 3 ea. vessel crew 2 ea. response techs	Vessel platform	Via marine waters Chart 16709-1	Fish- intertidal spawning- salmon (May-Sept.) Birds-waterfowl concentration, Marine mammals- otters Human Use- high recreational use, commercial fishing, mariculture Habitat- marsh, sheltered tidal flats	Vessel master should have local knowledge. Take measures as outlined in the "Spill Tactics for Alaska Responders" or STAR Manual to protect the shoreline. Tested: not yet
NE-39-03 	Simpson Bay a. Lat. 60° 38.93 N Lon. 145°52.45 W b. Lat. 60° 38.93 N Lon. 145°49.95 W c. Lat. 60° 38.73 N Lon. 145°49.27 W d. Lat. 60° 38.58 N Lon. 145°48.67 W e. Lat. 60° 38.24 N Lon. 145°49.07 W f. Lat. 60° 37.75 N Lon. 145°50.61 W g. Lat. 60° 37.26 N Lon. 145°52.78 W	Exclusion Exclude oil from impacting the identified stream and intertidal area in Simpson Bay.	Deploy anchors and boom with skiffs (class 6) at high tide. Place 50 ft. sections of tidal-seal boom on each shore of all the sites. Complete the arrays in a chevron formation with the amount of protected-water boom specified below. Tend throughout the tide. <u>Boom Lengths:</u> a. 200 ft. b. 900 ft. c. 300 ft. d. 300 ft. e. 300 ft. f. 200 ft. g. 300 ft.	Deployment Equipment 2500 ft. protected-water boom 700 ft. tidal-seal boom 13 ea. anchor systems 28 ea. anchor stakes Vessels/Personnel/Shift Same as NE-39-02 Tending Vessels/Personnel/Shift Same as NE-39-02	Vessel platform	Via marine waters Chart 16709-1	Same as NE-39-02	Vessel master should have local knowledge. Title 41 permitting required from ADNR. Tested: not yet
NE-39-04 	Simpson Bay Lat. 60° 38.10 N Lon. 145°53.46 W	Deflection Deflect oil coming towards the mariculture site in Simpson Bay out to 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 three (3) 300 ft. sections of protected-water boom in a cascaded fashion and at a proper angle to deflect oil. Tend throughout the tide.	Deployment Equipment 900 ft. protected-water boom 9 ea. medium anchor systems 4 ea. anchor stakes Vessels/Personnel/Shift Same as NE-39-02 Tending Vessels/Personnel/Shift Same as NE-39-02	Vessel platform	Via marine waters Chart 16709-1	Same as NE-39-02	Vessel master should have local knowledge. Site surveyed: 9/04/10. Tested: not yet

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the PWS Sub-Area Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_pws.htm.