

Map & Photo Legend



EX02b viewed from the south.



Free-oil Recovery

Exclusion Booming



Protected-water Boom



Tidal-seal Boom

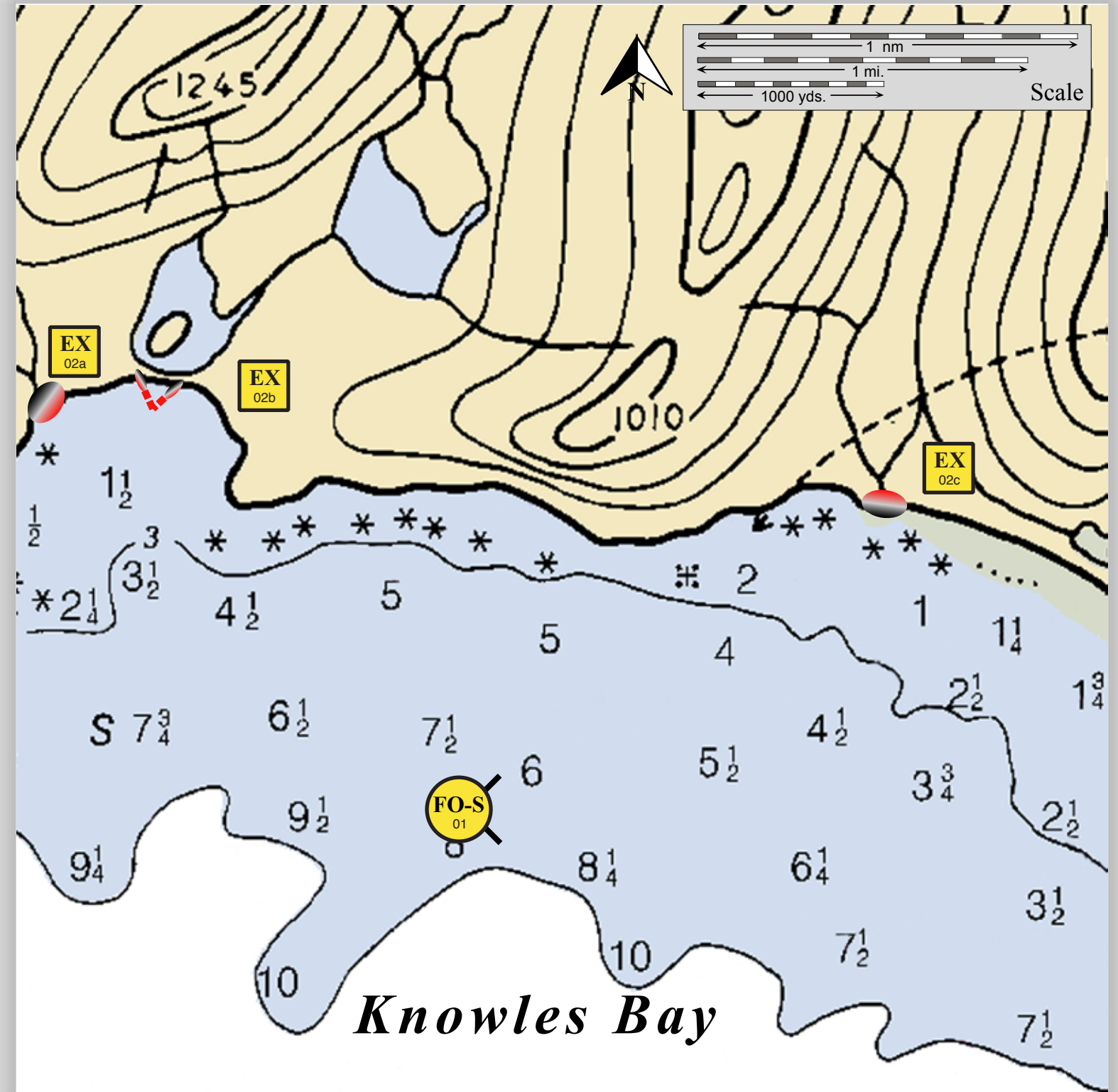


EX-02 a & b viewed from the southwest.



Knowles Bay, PWS-NE35

Center of map at 60° 40.8' N Lat., 146° 33.6' W Lon.

Geographic Response Strategies for Northeast Prince William Sound Subarea



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-35-01 	Knowles Bay Nearshore waters in the general area of: Lat. 60° 40.85 N Lon. 146°33.59 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Knowles Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Knowles 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.	Valdez/ Tatitlek Harbor	Via marine waters Chart 16708-1	Same as NE-35-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
NE-35-02 	Knowles Bay a. Lat. 60° 41.66 N Lon. 146°36.06 W b. Lat. 60° 41.71 N Lon. 146°35.44 W c. Lat. 60° 41.39 N Lon. 146°31.70 W	Exclusion Exclude oil from impacting the identified stream and intertidal area in Knowles Bay.	Deploy anchors and boom with skiffs (class 6) at high tide. For tactic (a)&(c) place 100 ft. sections of tidal-seal boom across the identified streams at the high-tide mark. For (b) place 50 ft. sections of tidal seal boom on each shore and complete the tactic with 800 ft. of protected-water boom in a chevron formation. Tend throughout the tide.	Deployment Equipment 800 ft. protected-water boom 300 ft. tidal-seal boom 4 ea. small anchor systems 12 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 16708-1	Fish- intertidal spawning- salmon (May-Sept.), herring spawning (April-May) Birds-waterfowl concentration, seabird nesting Marine mammals-otters Habitat- marsh, rocky shore	Vessel master should have local knowledge. This location is subject to significant swell and wave action on the beach. Approach with caution and be prepared to remove the tactics when weather conditions are deteriorating. Title 41 permitting required from ADNR. Site Surveyed: 9/03/10 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.