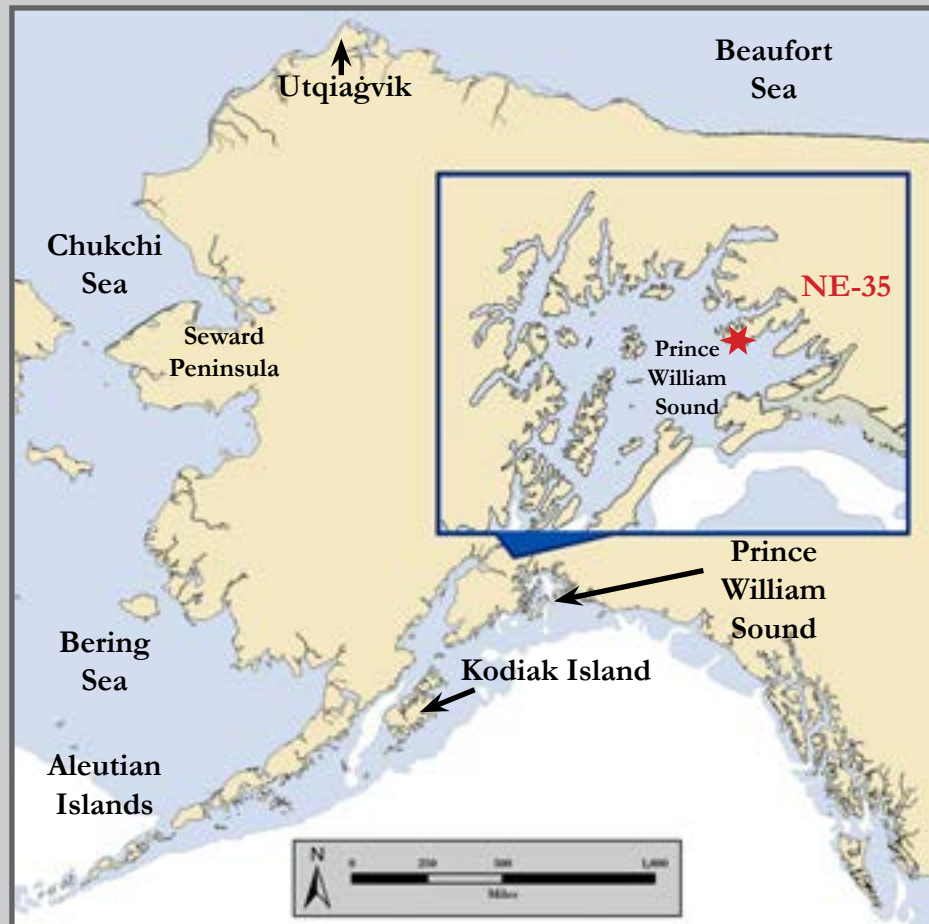


Knowles Bay, NE-35



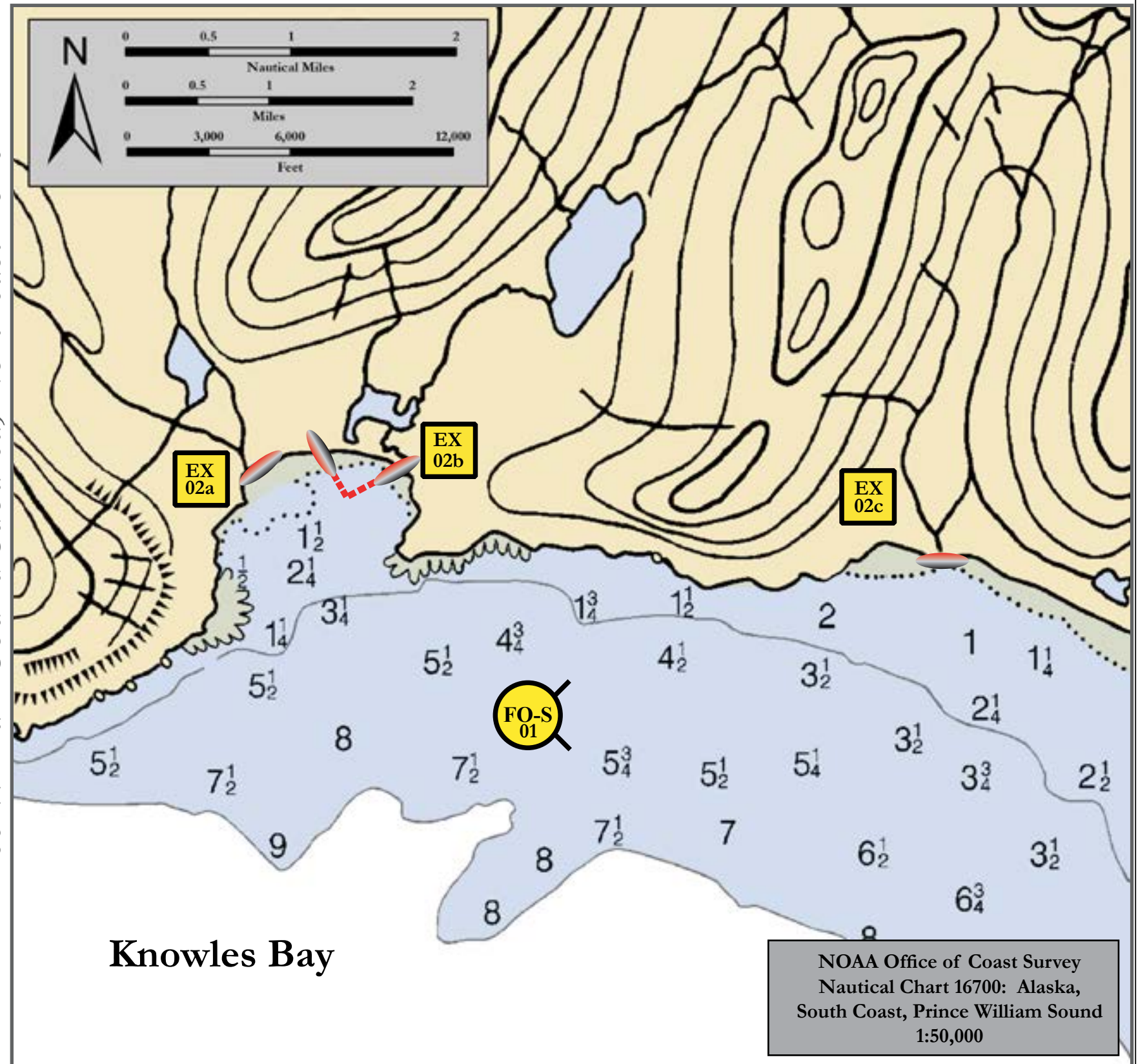
Location of NE-35



Knowles Bay, 02 a & b,
View Northeast

Map
&
Photo
Legend

Geographic Response Strategies for Prince William Sound Subarea, Northeast Zone





Knowles Bay

NOAA Office of Coast Survey
Nautical Chart 16700: Alaska,
South Coast, Prince William Sound
1:50,000

Map is not intended for navigational use.

Lat. 60° 41' 18.0" N
Lon. 146° 35' 39.1" W

Depths in Fathoms

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 Based on the 19 Oct 2012 survey, no evidence of the stream at exclusion area (c) was found. Based on results of the 19 Oct 2012 survey, the stream at exclusion area (b) appears to be seasonal.	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, even in good weather. The shoreline contains many submerged hazards. Air delivery may be considered to safely access the beach or as an alternative, responders should consider utilizing hip or chest waders with the intent of entering the water further offshore. Approach with caution and be prepared to remove the tactics when weather conditions are deteriorating. Title 41 permitting required from ADNR. Site Surveyed: 19 October 2012 Tested: Not tested during 19 October 2012 SERVS deployment because submerged rocks and high waves prevented beach access by vessels.