

Map & Photo Legend



Big Bay viewed from the west.



Big Bay EX-02a and the alternative deployment sites viewed from the west.



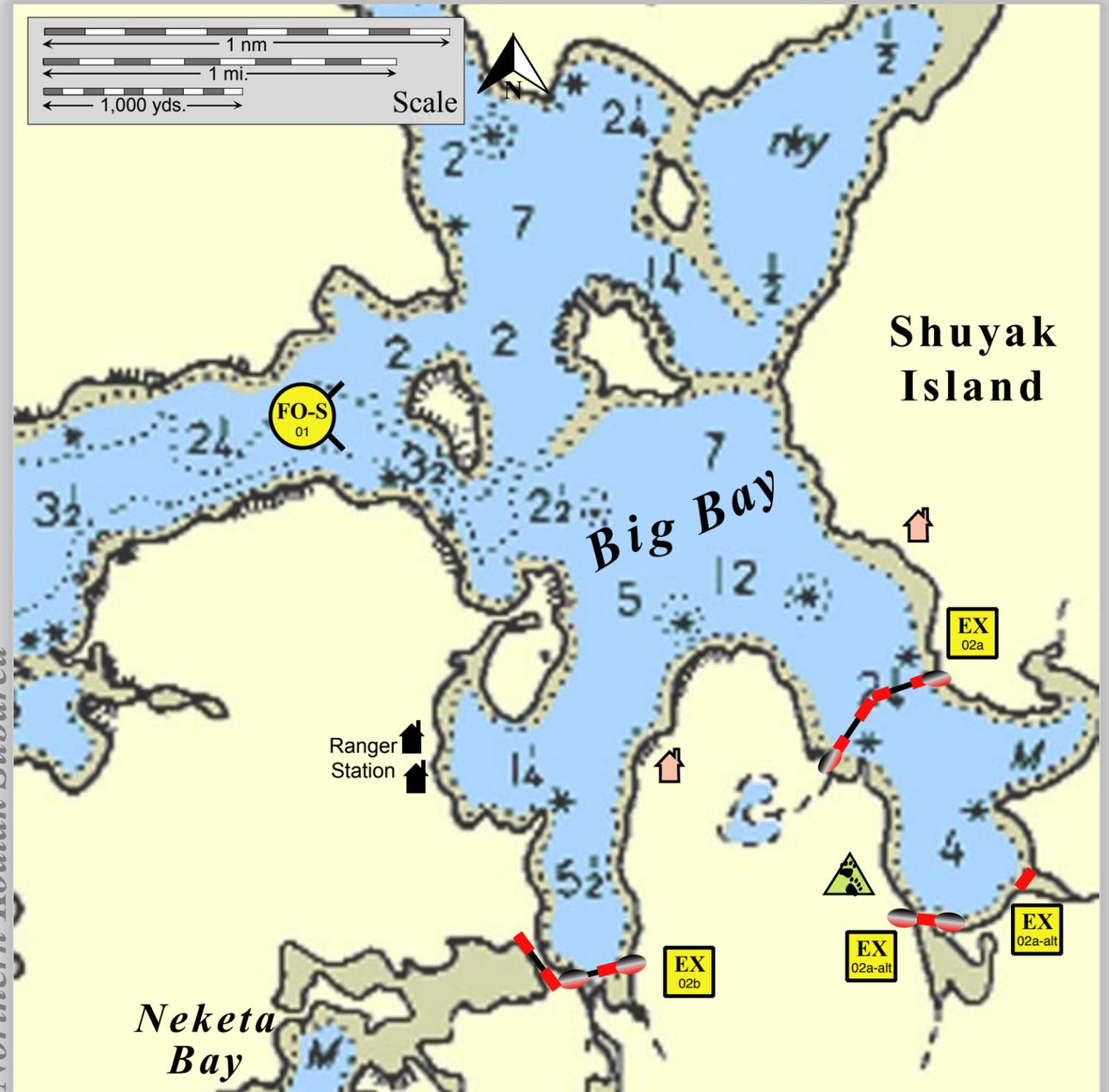
Big Bay EX-02b viewed from the north.

- Free-oil Containment and Recovery, Shallow Water
- Exclusion Booming
- Calm-water Boom
- Tidal-seal Boom
- Big Bay Ranger Station
- Public Use Cabin
- Bears in Area, Guards Recommended

Geographic Response Strategies for Northern Kodiak Subarea

Big Bay, K-41

Center of map at 58° 33.4' N Lat., 152° 37.3' W Lon.



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
K-41-01 	Big Bay Nearshore waters in the general area of: Lat. 58° 33.4 N Lon. 152°37.4.1 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Big Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Big 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.	Kodiak/Homer	Via marine waters Chart 16605-1	Same as K-41-02	Vessel masters should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
K-41-02 	Big Bay a. Lat. 58° 33.01 N Lon. 152° 29.58 W b. Lat. 58° 32.44 N Lon. 152° 35.77 W Alternative deployment for (a): Lat. 58° 32.54 N Lon. 152° 34.69 W Lat. 58° 32.60 N Lon. 152° 34.28 W	Exclusion Exclude oil from impacting the identified stream and intertidal area in Big Bay.	Deploy anchors and boom with skiffs (class 6). For array (a), place a 100 ft. section of tidal seal boom on each shore and complete the exclusion with 1800 ft. of calm-water boom. If the boom array is unable to hold, deploy the alternative deployment across the identified streams. For (b) place a 100 ft. section of tidal seal boom on each shore and complete the exclusion with 550 ft. of calm-water boom. Place 400 ft. of calm water boom across the sand bar separating Big Bay from Neketa Bay. Tend throughout the tide.	Deployment Equipment 2750 ft. calm-water boom 400 ft. tidal-seal boom 16 ea. small anchor systems 12 ea. anchor stakes Vessels 1 ea. class 3 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 Big Bay State Park Ranger Station can provide staging areas and support for response efforts.	Via marine waters Chart 16605-1	Fish- intertidal spawning-salmon (May-Sept.),herrings (April-May) Birds-waterfowl concentration, seabird nesting, eagle nesting Marine mammals- seals, otters Human use- commercial fishing, subsistence, high recreation use Habitat- marsh, sheltered rocky shoreline, sheltered tidal flats	Vessel masters should have local knowledge. A limited bear population exists in the area; a bear guard may be necessary. FOSC Historic properties specialist should INSPECT site prior to operations. Site surveyed: 7/24/05 KGRS Tactics Committee. Title 41 permitting required from ADNR. Tested: not yet