

# Map & Photo Legend



Free-oil Containment and Recovery,  
Shallow Water



Exclusion Booming



Protected-water Boom



Tidal-seal Boom



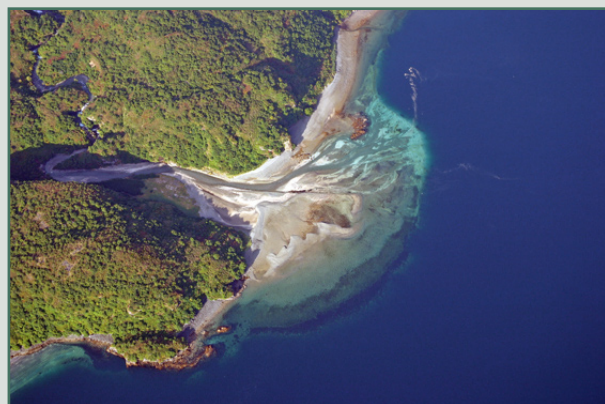
Bears in Area, Guards Recommended



EX-02a viewed from the south.



EX-02b viewed from the south.



EX-02c viewed from the north.

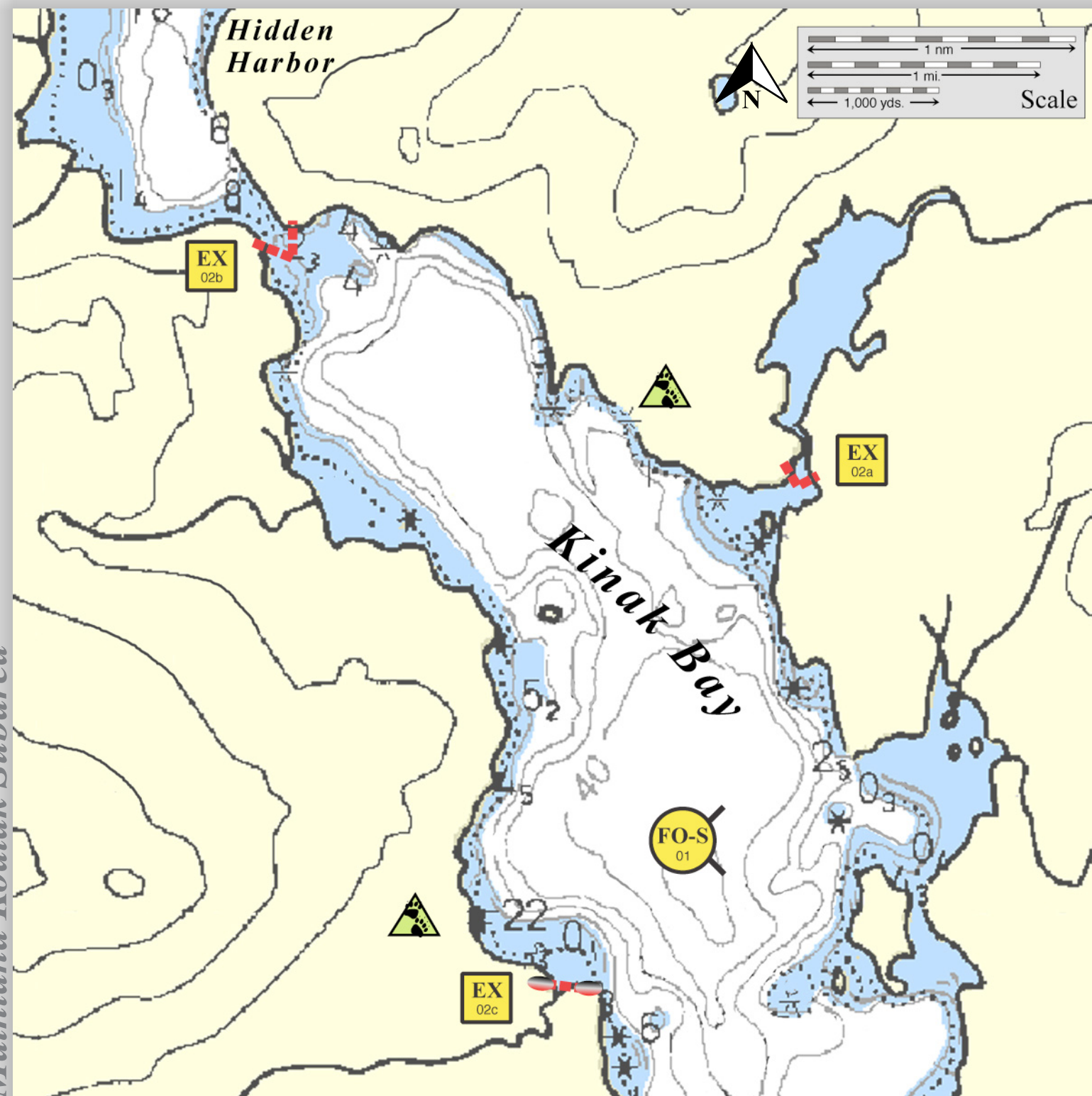


Kinak Bay viewed from the south.

## Geographic Response Strategies for Mainland Kodiak Subarea



# Kinak Bay, K-57

Center of map at 58° 09.2' N Lat., 154° 27.2' 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
KGRS-57-01 	<b>Kinak Bay</b> Nearshore waters in the general area of:  Lat. 58° 08.7 N Lon. 154°26.6 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Kinak Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Kinak 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.	Vessel Platform	Via marine waters  Chart 16576-1	Same as KGRS-57-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
KGRS-57-02 	<b>Kinak Bay</b>  a. Lagoon Lat. 58° 10.97 N Lon. 154°26.88 W  b. Hidden Harbor Lat. 58° 11.50 N Lon. 154°29.12 W  c. Salmon Stream Lat. 58° 09.81 N Lon. 154°27.94 W	<b>Exclusion</b> Exclude oil from impacting the identified lagoon, Hidden Harbor and salmon stream in Kinak Bay.	Deploy anchors and boom with skiffs (class 6) at high tide.  Place 450 ft. protected-water boom in a chevron pattern across the opening to the lagoon. Place 600 ft. in a chevron pattern across the entrance to Hidden Harbor. Use pitons for anchors on the eastern shore. Use large anchor systems for both apexes. For the stream, place 30 ft. of tidal seal boom on both ends and complete the array with 100 ft. protected-water boom.  Tend throughout the tide.  <u>Boom Lengths:</u>  a. 450 ft. protected-water boom  b. 600 ft. protected-water boom  c. 100 ft. protected-water boom 60 ft. tidal-seal boom	<b>Deployment Equipment</b> 1150 ft. protected-water boom 60 ft. tidal-seal boom 4 ea. small anchor systems 1 ea. piton anchor system 2 ea. large anchor systems 10 ea. anchor stakes <b>Vessels</b> 1 ea. class 3 1 ea. class 6 <b>Personnel/Shift</b> 5 ea. vessel crew/general techs <b>Tending Vessels</b> 1 ea. class 3 1 ea. class 6 <b>Personnel/Shift</b> 3 ea. vessel crew/general techs	Vessel platform	Via marine waters  Chart 16576-1	Fish- intertidal spawning- salmon (May-Sept.), herring (April-May)  Birds-waterfowl concentration, eagle nesting, seabird nesting  Marine mammals- otters, seal, sea lions  Habitat- marsh, sheltered rocky shoreline.	Vessel master should have local knowledge.  A large population of bears forage on the tidal flats in the spring and are present during salmon runs. A bear guard is required.  Title 41 - Fish Habitat Permit required from ADNR.  Site surveyed: 7/11/06 KGRS Tactics Committee.  Tested: not yet