

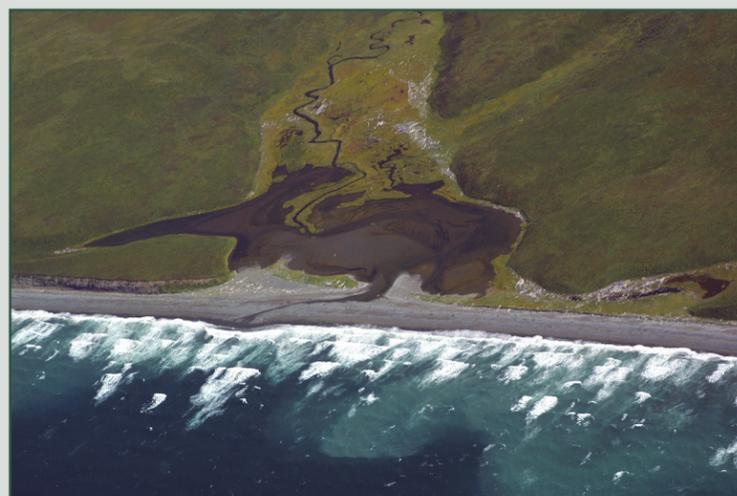
Map & Photo Legend



Halibut Bay viewed from the south.



Halibut Bay Lagoon EX-02a viewed from the south.



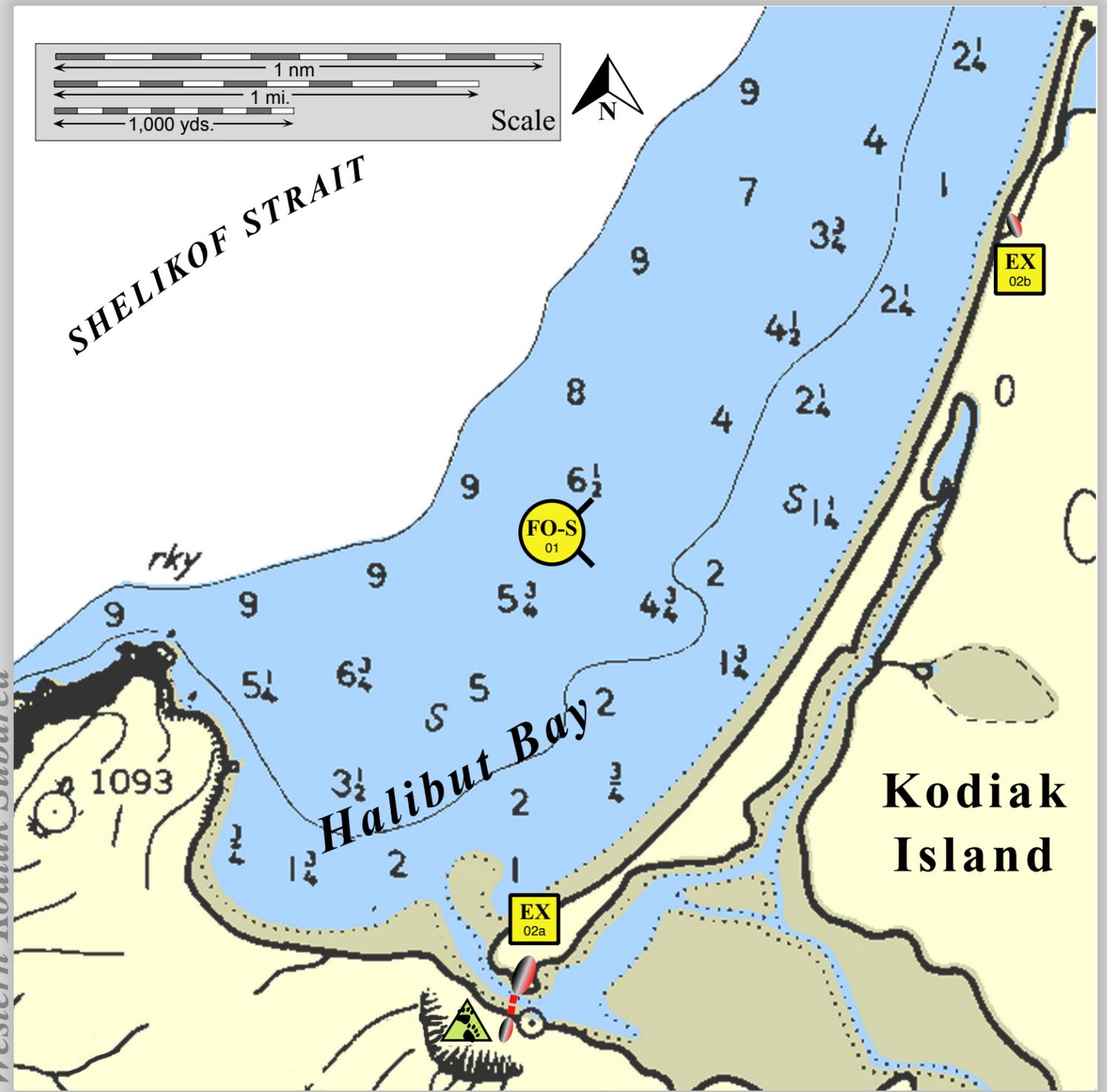
Halibut Bay EX-02b viewed from the west.

-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Protected-water Boom
-  Tidal-seal Boom
-  Bears in Area, Guards Recommended

Halibut Bay, K-22

Center of map at 57° 22.5' N Lat., 154° 44.6' W Lon.

Geographic Response Strategies for Western Kodiak Subarea



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-22-01 	Halibut Bay Nearshore waters in the general area of: Lat. 57° 22.5 N Lon. 154° 44.6 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Halibut Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Halibut 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.	Larsen Bay	Via marine waters Chart 16589-1	Same as K-22-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks. This area is exposed and subject to extreme sea state. Safe anchor is 40 nm.
K-22-02 	Halibut Bay (lagoon) a. Lat. 57° 21.29 N Lon. 154° 44.50 W Halibut Bay-North Stream b. Lat. 57° 23.73 N Lon. 154° 41.96 W	Exclusion Exclude oil from impacting the identified streams and intertidal area in Halibut Bay. The boom array may be moved further into the lagoon to accommodate high sea states.	Utilize a helicopter for deployment. Deploy anchors and boom with an inflatable raft. For array (a) place 150 ft. tidal seal on the east shore and 50 ft tidal seal on the west shore. Complete the exclusion with 400 ft. protected water boom. For array (b) place 150 ft tidal seal across the stream mouth. Tend throughout the tide. Boom Lengths: a. 200 ft. tidal-seal 400 ft. protected-water b. 150 ft. tidal-seal	Deployment Equipment 400 ft. protected-water boom 350ft. tidal-seal boom 5 ea. small anchor systems 8 ea. anchor stakes Vessels 1 ea. helicopter 1 ea. inflatable raft Personnel/Shift 2 ea. response techs Tending Vessels 1 ea. inflatable raft Personnel/Shift 2 ea. response techs	Beach	Via marine waters Chart 16589-1	Fish- intertidal spawning- salmon,dolly varden (May-Sept.) Birds-waterfowl concentration,eagle nesting Marine mammals- seal Habitat- marsh, sheltered rocky shoreline, gravel beach.	REPORT any cultural resources found during operations to FOSC Historic Properties Specialist. If helicopter leaves the site, personnel must have shelter and provisions for emergency overnight stay. Title 41 permitting required from ADNR. A large bear population exists in the area; bear guards may be necessary. Site surveyed: 7/20/05 KGRS Tactics Committee. Tested: not yet