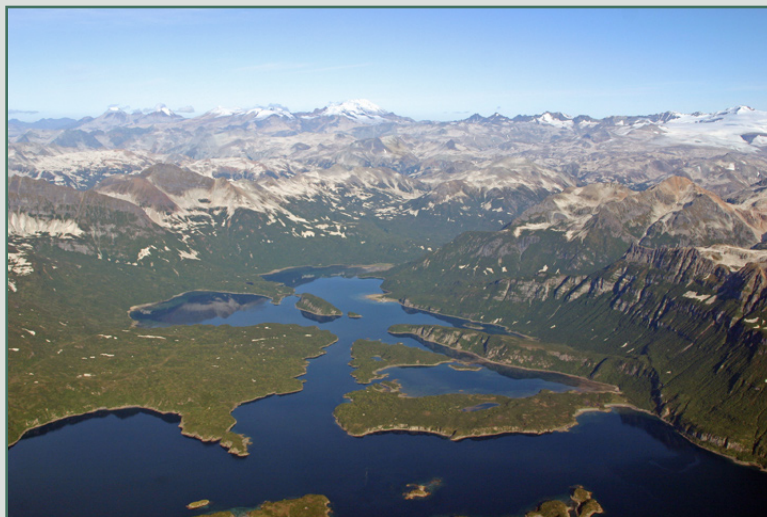


Map & Photo Legend









Entrance to Geographic Harbor from the southeast.



Entrance to Geographic Harbor viewed from the southeast.



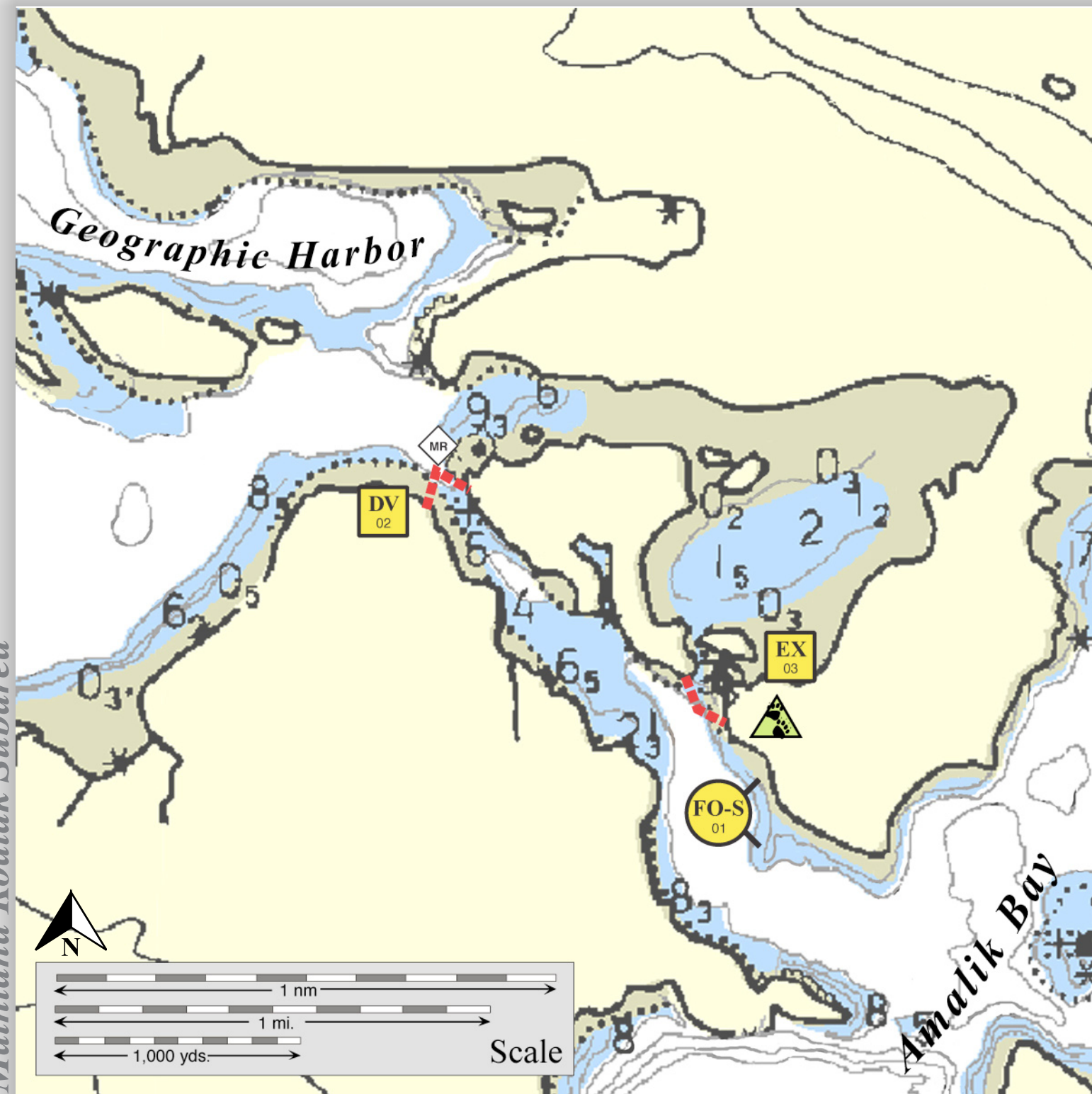
EX-03 viewed from the south.

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

Geographic Response Strategies for Mainland Kodiak Subarea




Geographic Harbor, K-14

Center of map at 58° 06.4' N Lat., 154° 34.9' 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-14-01 	Geographic Harbor Nearshore waters in the general area of: Lat. 58° 05.5 N Lon. 154°32.9 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Geographic Harbor depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Geographic Harbor. 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-14-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
KGRS-14-02 	Geographic Harbor Lat. 58° 06.23 N Lon. 154°34.08 W	Divert and Collect Divert oil to marine collection location in the middle of the channel leading into Geographic Harbor.	Deploy anchors and boom with skiffs (class 6). Place protected-water boom in chevron array at the proper angle to divert incoming oil to the collection site. Set up marine recovery and tend throughout the tide.	Deployment Equipment 1000 ft. protected-water boom 5 ea. anchor systems 4 ea. anchor stakes 1 ea. Marine recovery system Vessels 1 ea. class 3/4 1 ea. class 6 Personnel/Shift 5 ea. vessel crew/general techs 2 ea. skilled techs Tending Vessels 1 ea. class 3/4 1 ea. class 6 Personnel/Shift 3 ea. vessel crew/general techs 1 ea. skilled tech	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, sealions Habitat- marsh, sheltered rocky shoreline. Human use-anchorage, high recreational use	Vessel master should have local knowledge. Tested: not yet
KGRS-14-03 	Geographic Harbor Lat. 58° 05.86 N Lon. 154°33.05 W	Exclusion Exclude oil from impacting the identified lagoon and intertidal area adjacent to Geographic Harbor.	Deploy anchors and boom with skiffs (class 6) at high tide. Place protected-water boom across the opening to the lagoon. Place 60 ft. of tidal seal boom on the eastern leg. Use the small beaches as anchor areas. Tend throughout the tide.	Deployment Equipment 650 ft. protected-water boom 60 ft. tidal-seal boom 4 ea. small anchor systems 4 ea. anchor stakes Vessels/Personnel/Shift Same as KGRS-14-02 Tending Vessels/Personnel/Shift Same as KGRS-14-02	Vessel platform	Via marine waters Chart 16576-1	Same as KGRS-14-02	Vessel master should have local knowledge. Site surveyed: 7/10/06 KGRS Tactics Committee. Tested: not yet