

Map & Photo Legend



Missak Bay EX-02a viewed from the southeast.



Free-oil Containment and Recovery, Shallow Water



Exclusion Booming



Tidal-seal Boom



Bears in Area, Guards Recommended

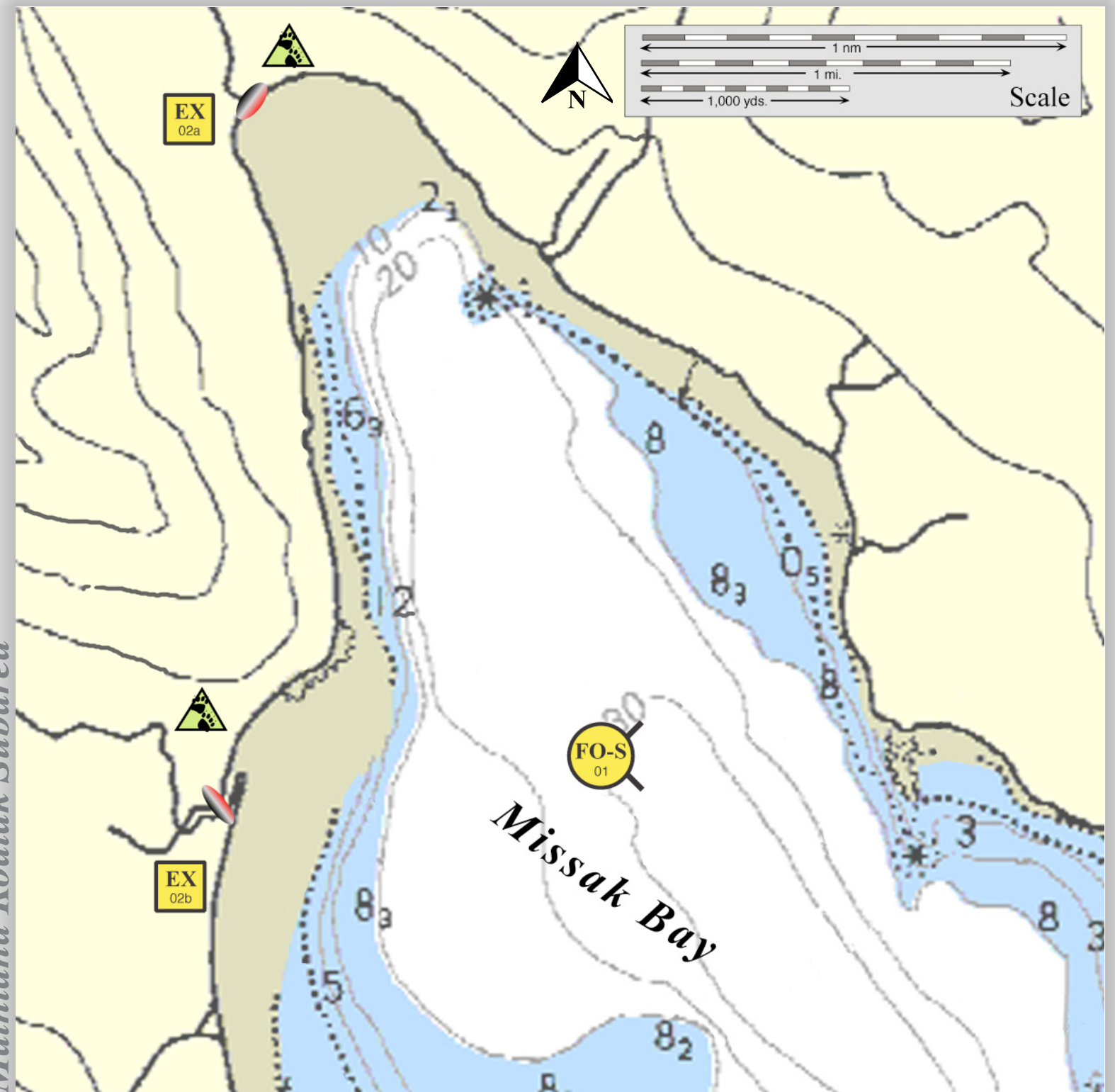


Missak Bay EX-02b
viewed from the east.

Geographic Response Strategies for Mainland Kodiak Subarea



Missak Bay, K-56

Center of map at 58° 07.2' N Lat., 154° 17.9' 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-56-01 	Missak Bay Nearshore waters in the general area of: Lat. 58° 07.4 N Lon. 154°17.7 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Missak Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Missak 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-56-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
KGRS-56-02 	Missak Bay a. Lat. 58° 09.47 N Lon. 154°20.20 W b. Lat. 58° 07.96 N Lon. 154°20.39 W	Exclusion Exclude oil from impacting the identified salmon streams in Missak Bay.	Deploy anchors and boom with skiffs (class 6) at high tide. For both arrays place 100 ft. tidal-seal boom across the cut in the beach at the high tide mark. Tend throughout the tide.	Deployment Equipment 200 ft. tidal-seal boom 2 ea. small anchor systems 8 ea. anchor stakes Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 5 ea. vessel crew/general techs Tending Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 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, seals Habitat- marsh, sheltered rocky shoreline, exposed tidal-flats.	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: 7/10/06 KGRS Tactics Committee. Tested: not yet