

Map & Photo Legend



Big River viewed from the southeast.



Free-oil Containment and Recovery, Shallow Water



Exclusion Booming



Protected-water Boom



Helicopter Landing Site



Bears in Area, Guards Recommended

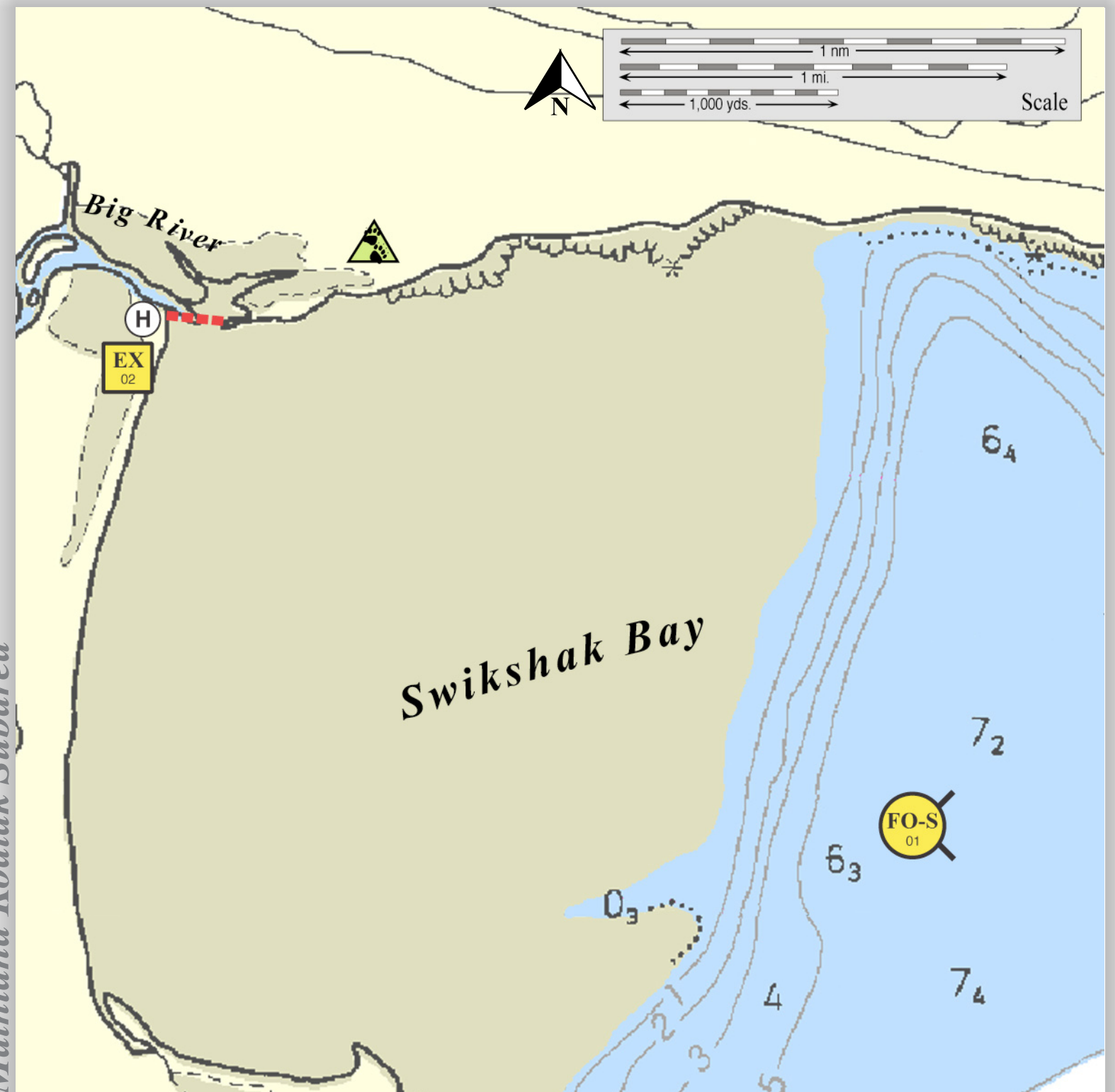


Big River, EX-02, viewed from the southeast.

Geographic Response Strategies for Mainland Kodiak Subarea



Big River/Swikshak Bay, K-49

Center of map at 58° 35.9' N Lat., 153° 47.3' 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
KGRS-49-01 	Swikshak Bay Nearshore waters in the general area of: Lat. 58° 35.3 N Lon. 153°50.8 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Swikshak Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Swikshak 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 16608-1	Same as KGRS-49-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs, rocks and extensive tidal flats.
KGRS-49-02 	Big River Lat. 58° 36.43 N Lon. 153°53.94 W	Exclusion Exclude oil from impacting Big River.	Due to extensive tidal flats, helicopter deployment is necessary for this GRS. Deploy anchor and boom using an inflatable raft at high tide. Place and anchor 300 ft. protected-water boom across the river mouth at the high tide mark. Tend throughout the tide.	Deployment Equipment 300 ft. protected-water boom 1 ea. small anchor systems 4 ea. anchor stakes Vessels 1 ea. helicopter 1 ea. small inflatable raft Personnel/Shift 2 ea. skilled techs Tending Vessels 1 ea. helicopter 1 ea. small inflatable raft Personnel/Shift 2 ea. skilled techs	Vessel platform	Via marine waters and/or helicopter Chart 16608-1	Fish- intertidal spawning- salmon (June-Sept.) Birds-waterfowl concentration, eagle nesting, seabird nesting, waterfowl concentrations Marine mammals- otters, seal Habitat- marsh, sheltered rocky shoreline.	Vessel master should have local knowledge. Seasonal Hallo Bay Wilderness Lodge located at the Kaguyak village site may provide support and 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 during these periods. Title 41 - Fish Habitat Permit required from ADNR. Site surveyed: 7/13/06 KGRS Tactics Committee. Tested: not yet