

# Map & Photo Legend

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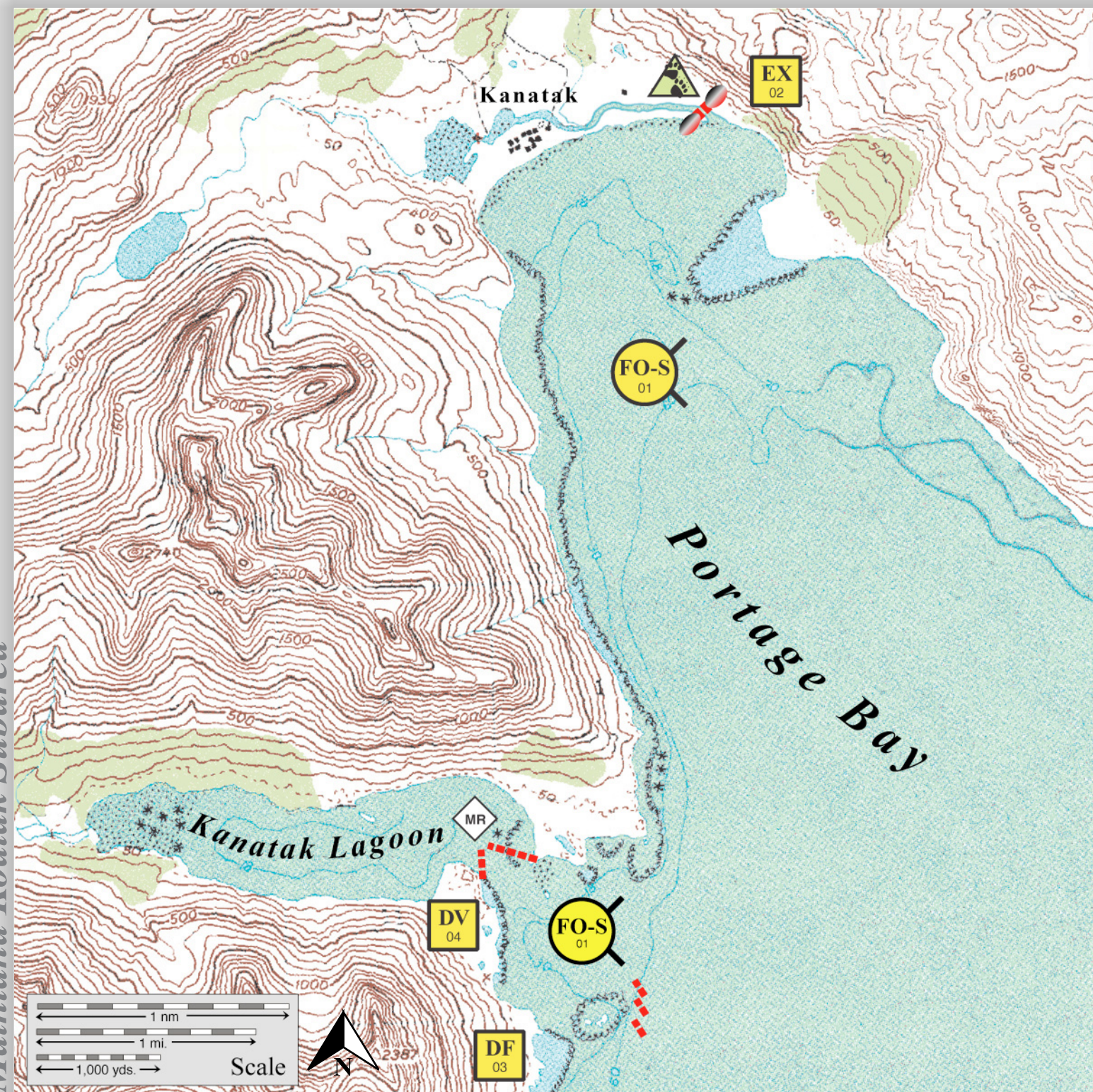
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-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Diversion Booming
-  Deflection Booming
-  Marine Recovery
-  Protected-water Boom
-  Tidal-seal Boom
-  Bears in Area, Guards Recommended

## Geographic Response Strategies for Mainland Kodiak Subarea

### Portage Bay, K-63





Center of map at 58° 01.5' N Lat., 154° 40.9' 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-63-01 	<b>Portage Bay</b> Nearshore waters in the general area of:  Lat. 57° 30.8 N Lon. 155°58.7 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Portage Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Portage 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 16575-1	Same as KGRS-63-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
KGRS-63-02 	<b>Portage Bay</b> Lat. 57° 34.20 N Lon. 156°01.11 W  Alternative Deployment:  Lat. 57° 34.09 N Lon. 156°02.02 W	<b>Exclusion</b> Exclude oil from impacting the identified lagoon and stream in Portage Bay.	Deploy anchors and boom with skiffs (class 6) at high tide.  Place 30 ft. of tidal-seal boom on each end and complete with protected-water boom across the opening to the lagoon.  Use the alternative deployment site during extreme high tide cycles and when storm surges may be expected due possible breach in the beach berm.  Tend throughout the tide.	<b>Deployment Equipment</b> 300 ft. protected-water boom 60 ft. tidal-seal boom 4 ea. anchor systems 4 ea. anchor stakes <b>Vessels</b> 1 ea. class 3 2 ea. class 6 <b>Personnel/Shift</b> 7 ea. vessel crew/general techs 2 ea. skilled techs <b>Tending Vessels</b> 1 ea. class 3/4 2 ea. class 6 <b>Personnel/Shift</b> 5 ea. vessel crew/general techs 2 ea. skilled techs	Vessel platform	Via marine waters  Chart 16575-1	Fish- intertidal spawning-salmon (May-Sept.), herring (April-May)  Birds-waterfowl concentrations, eagle nesting, seabird nesting  Marine mammals- otters, seal, sea lions  Habitat- marsh, sheltered rocky shoreline.  Human use-commercial fishing	Vessel master should have local knowledge.  Title 41 - Fish Habitat Permit required from ADNR.  THREATENED OR ENDANGERED SPECIES/HABITAT POSSIBLE/PRESENT  A large population of bears forage on the tidal flats in the spring and are present during salmon runs. A bear guard is required.  Site surveyed: 7/12/06 KGRS Tactics Committee.  Tested: not yet
KGRS-63-03 	<b>Kanatak Lagoon Entrance</b> Lat. 57° 30.89 N Lon. 156°01.45 W	<b>Deflection</b> Deflect oil away from seabird nesting area outside Kanatak Lagoon to free-oil recovery and to marine recovery.	Deploy boom and anchor system with skiffs (class 6).  Establish anchors and position cascaded array to deflect oil away from the nesting seabirds.  Tend throughout the tide.	<b>Deployment Equipment</b> 900 ft. protected-water boom 9 ea. small anchor systems <b>Vessels/Personnel/Shift</b> Same as KGRS-63-02 <b>Tending Vessels/Personnel/Shift</b> Same as KGRS-63-02	Vessel platform	Via marine waters  Chart 16575-1	Same as KGRS-63-02	Vessel master should have local knowledge.  Tested: not yet
KGRS-63-04 	<b>Kanatak Lagoon</b> Lat. 57° 31.20 N Lon. 156°02.67 W	<b>Divert and Collect</b> Divert oil to marine recovery location in the middle of the channel leading into Kanatak Lagoon.	Deploy anchors and boom with skiffs (class 6).  Place protected-water boom in chevron pattern at the proper angle to divert incoming oil to the marine recovery site.  Set up recovery site and tend throughout the tide.	<b>Deployment Equipment</b> 2500 ft. protected-water boom 10 ea. small anchor systems 4 ea. anchor stakes 1 ea. marine recovery system <b>Vessels/Personnel/Shift</b> Same as KGRS-63-02 <b>Tending Vessels/Personnel/Shift</b> Same as KGRS-63-02	Vessel platform	Via marine waters  Chart 16575-1	Same as KGRS-63-02	Vessel master should have local knowledge.  Tested: not yet

