

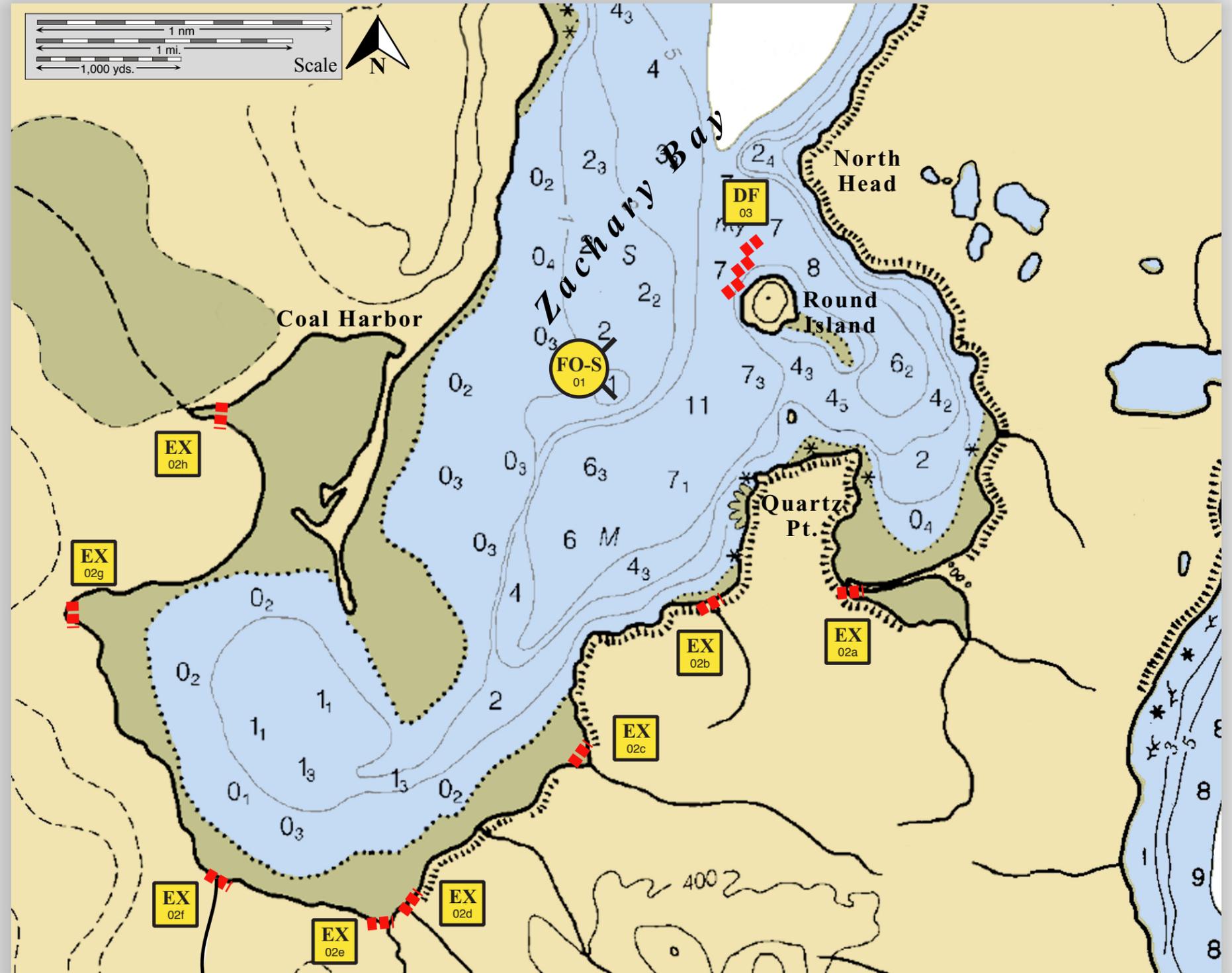
-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Deflection Booming
-  Protected-water Boom

There are no photos available at this time for this GRS site.

Zachary Bay, AEA-09

Center of map at 55° 20.64' N Lat., 160° 38.13' W Lon.

Geographic Response Strategies for Aleutians 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
AEA-09-01 	Zachary Bay Nearshore waters in the general area of: Lat. 55°20.64'N Lon. 160°38.13'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Zachary Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Zachary 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 16553-1	Same as AEA-09-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
AEA-09-02 	Zachary Bay Stream Location a. Lat. 55°19.37'N Lon. 160°36.66'W b. Lat. 55°19.30'N Lon. 160°37.66'W c. Lat. 55°18.69'N Lon. 160°38.45'W d. Lat. 55°18.46'N Lon. 160°39.23'W e. Lat. 55°18.07'N Lon. 160°39.85'W f. Lat. 55°18.28'N Lon. 160°41.10'W g. Lat. 55°19.28'N Lon. 160°42.08'W h. Lat. 55°20.07'N Lon. 160°41.18'W This area has extensive tidal flats that are exposed at low tide. Vessel stranding is possible. Consider helicopter deployment.	Exclusion Exclude oil from impacting the identified streams and intertidal areas in Zachary Bay.	Deploy anchors and boom with skiffs at high tide. All streams mouths are approximately 25-35 ft. wide. Use 50 ft. sections for each stream. Place and anchor protected-water boom across the streams and inter-tidal area as indicated. Tend throughout the tide.	Deployment Equipment 400 ft. protected-water boom 8 ea. small anchor systems 32 ea. anchor stakes Vessels 2 ea. class 6 Personnel/Shift 4 ea. vessel crew/general techs Tending Vessels 1 ea. class 6 Personnel/Shift 2 ea. vessel crew	Vessel platform.	Via marine waters Chart 16553-1	Fish- intertidal spawning-salmon (May-Sept.) Birds- waterfowl concentration-threatened waterfowl present, seabird nesting, shorebird concentrations Human use- commercial fishing, subsistence Habitat- marsh, gravel beach, eel grass	Site surveyed 5/10/08. Title 16 permitting required from ADF&G. FOSC Historic Properties Specialist should INSPECT this site prior to deployment. THREATENED OR ENDANGERED SPECIES/HABITAT POSSIBLE/PRESENT. Discuss with DOI prior to on-site operations. Tested: not yet
AEA-09-03 	Zachary Bay Lat. 55°20.68'N Lon. 160°37.28'W	Deflection Deflect oil away from Round Island in Zachary Bay and back into the channel for free-oil recovery.	Deploy boom and anchor system with skiffs (class 6). Position the cascaded booms to deflect oil. Tend throughout the tide.	Deployment Equipment 900 ft. protected-water boom 9 ea. small anchor systems Vessels/Personnel/Shift Same as AEA-09-02 Tending Vessels/Personnel/Shift Same as AEA-09-02	Vessel platform	Via marine waters Chart 16533-1	Same as AEA-09-02	Vessel master should have local knowledge. Tested: not yet