

# Map & Photo Legend



Quicksand Cove Lagoon viewed from the east, SZ-11.



Free-oil Containment and Recovery, Shallow Water



Exclusion Booming



Protected-water Boom



Tidal-seal Boom

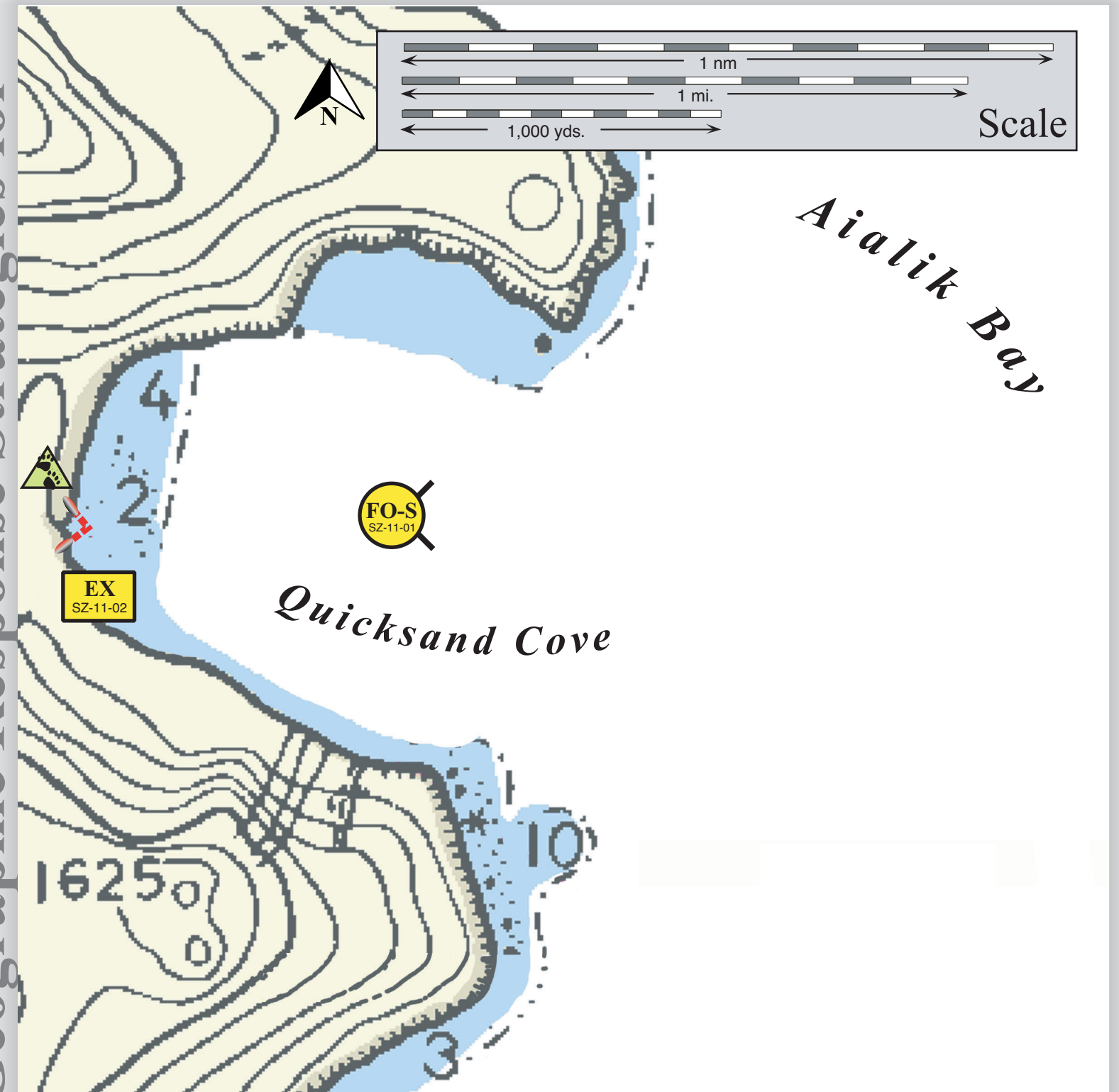


Bear in Area, Guards Needed

## Quicksand Cove Lagoon, SZ-11

Center of map at 59° 47.0' N Lat., 149° 45.8' W Lon.

Geographic Response Strategies for



This map is not intended to be used for navigation.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SZ-11-01	<b>Quicksand Cove</b> Nearshore waters in the general area of:  Lat. 59° 47.1 N Lon. 149° 46.6 W	<b>Free-oil Recovery-Shallow Water</b>  Maximize free-oil recovery in the offshore & nearshore environment of Quicksand Cove depending on spill source and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Quicksand Cove.  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.	Seward	Via marine waters  Chart 16682-1	Same as SZ-11-02	Vessel master should have local knowledge.  Aialik Bay Ranger station and public use cabins are in the area.  Surveyed: 9/08/02 GRS WG
SZ-11-02	<b>Quicksand Cove</b> unnamed stream:  Lat. 59° 47.03 N Lon. 149° 47.04 W	<b>Exclusion</b>  Exclude oil from entering stream, lagoon and marsh at the head of Quicksand Cove.	Transport equipment by vessel (class 2/3/4) from Seward.  Deploy anchors and boom with fishing vessels and skiffs (class 3/4/6).  Place tidal-seal boom and protected-water boom on the beach with an apex at the creek mouth.  Tend throughout the tide.	<b>Deployment Equipment</b> 600 ft. protected-water boom 2 section ≥50 ft. tidal-seal boom 6 ea. anchor systems (~20 lbs.) 1 ea. apex anchor (~200 lbs.) 4 ea. anchor stakes <b>Vessels</b> 1 ea. class 3/4 1 ea. class 6 <b>Personnel/Shift</b> 5 ea. vessel crew <b>Tending Vessels</b> 1 ea. class 3/4 1 ea. class 6 <b>Personnel/Shift</b> 3 ea. vessel crew	Marine	Via marine waters, helicopter  Chart 16682-1  Title 16 permitting required from ADF&G.  NPS Special Use Permit is required for GRS operations in Kenai Fjords National Park. This permit has been pre-filed by the NPS.	Fish- intertidal salmon spawning, herring  Marine mammals-sea otters  Terrestrial mammals-river otters, bears  Birds- waterfowl feeding and nesting (June-Sept.), shorebirds feeding and nesting, oyster catchers, eagle nesting (May-Sept.) high concentrations eagle feeding (Aug.-Nov.)  Habitat-marsh  Human use- high recreational use (June-Sept.)	NPS owns lands around this site.  REPORT any cultural resources found during operations to FOSC Historic Properties Specialist.  The channel to the lagoon changes yearly. The berm may not be breached depending on seasonal conditions.  Response hazards include submerged rocks and surf.  Beach is a high priority for cleanup if impacted.  Beach can have high surf.  Tested: not yet