



Bear Glacier Lagoon viewed from the east.

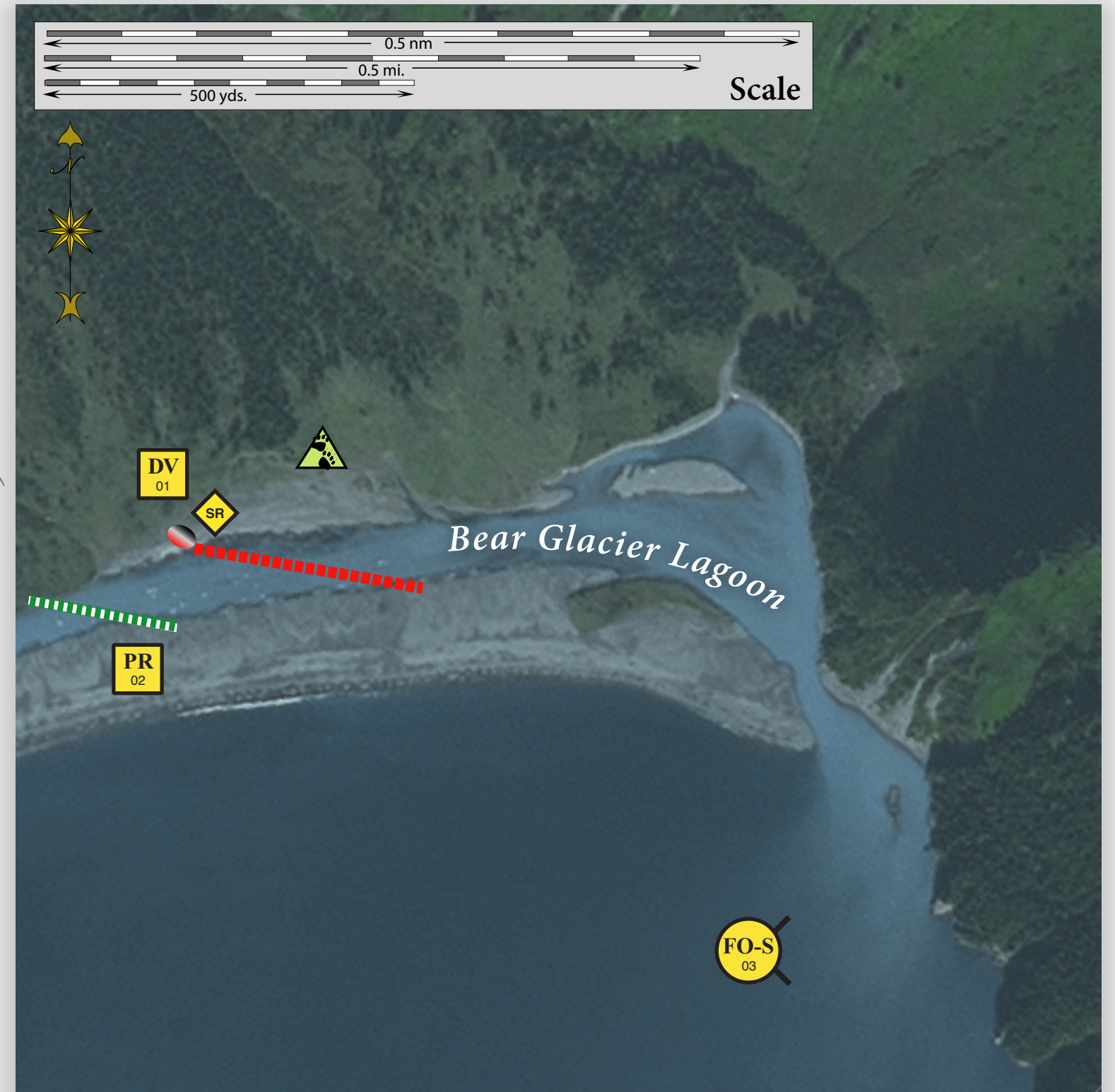


The entrance to Bear Glacier Lagoon viewed from the south.

# Geographic Response Strategies for COOK INLET Subarea, Seward Zone

## Bear Glacier Lagoon, SZ-36

Center of map at 59° 55.16' N Lat., 149° 29.82' W Lon.



This is not intended for navigational use.

Map  
Legend

- DV Diversion Booming
- FO-S Free-oil Recovery
- SR Shoreside Recovery
- Protected-water Boom
- Snare or Sorbent Boom
- Tidal-seal Boom
- Bears in Area, Guards Recommended



Seward Zone Subarea Geographic Response Strategies								DRAFT January 2013
ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SZ-36-01 DV	<b>Bear Glacier Lagoon</b> Lat. 59° 56.03 N Lon. 149°30.01 W	<b>Divert and Collect</b> Divert oil to shore side collection sites at the specified locations at the entrance to the Bear Glacier Lagoon.	Deploy anchors and boom with skiffs (class 6) at high tide.  Place tidal-seal boom at the shore side collection area.  Complete the array with protected-water boom at the proper angle to divert incoming oil to the collection site.  Set up shoreside collection unit and tend throughout the tide.	<b>Deployment Equipment</b> 1000 ft. fast-water boom 60 ft. tidal seal boom 5 ea. anchor systems 4 ea. anchor stakes <b>Vessels</b> 2 ea. class 6 1 ea. class 3 <b>Personnel/Shift</b> 5 ea. vessel crew 2 ea. skilled techs <b>Tending Vessels</b> 1 ea. class 6 1 ea. class 3 <b>Personnel/Shift</b> 5 ea. vessel crew 2 ea. skilled techs	Vessel Platform	Via marine waters Chart 16682-1	Fish- intertidal spawning-salmon (May-Sept.)  Birds-waterfowl, seabird and shorebird nesting  Habitat- Gravel beach, marsh, exposed tidal flats  Human use- subsistence, commercial fishing, high recreational use	Vessel master should have local knowledge.  Consult the ADEC STAR Manual for tactics to protect the shoreline at the collection site.  Title 16 permitting required from ADFG.  Title 41 permitting required from ADNR.  Bears are present during fish runs. Bear guard recommended.
SZ-36-02 PR	<b>Bear Glacier Lagoon</b> Lat. 59° 55.96 N Lon. 149°31.01 W	<b>Passive Recovery</b> Place passive recovery boom across the entrance to Bear Glacier Lagoon. Move the boom to maximize to protection of the salmon stream in Bear Glacier.	Place and anchor snare line or sorbent boom behind the diversion tactic to capture any oil that may enter the lagoon.  Move the array to the mouth of the salmon stream if currents at the entrance are too strong.  Replace as necessary to maximize the recovery.	<b>Deployment Equipment</b> 500 ft. snare line or sorbent boom 2 ea. small anchor systems 4 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as SZ-36-01 <b>Tending Vessels/Personnel/Shift</b> Same as SZ-36-01	Seward Harbor	Via marine waters Chart 16682-1	Same as SZ-36-01	Vessel master should have local knowledge.
SZ-36-03 FO-S	<b>Bear Glacier Lagoon</b> Nearshore waters in the general area of:  Lat. 59° 55.58 N Lon. 149°29.30 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Bear Glacier Lagoon depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Bear Glacier Lagoon.  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 Harbor	Via marine waters Chart 16682-1	Same as SZ-36-01	Vessel master should have local knowledge.  Use extreme caution, shallow waters with shifting channels and bars.