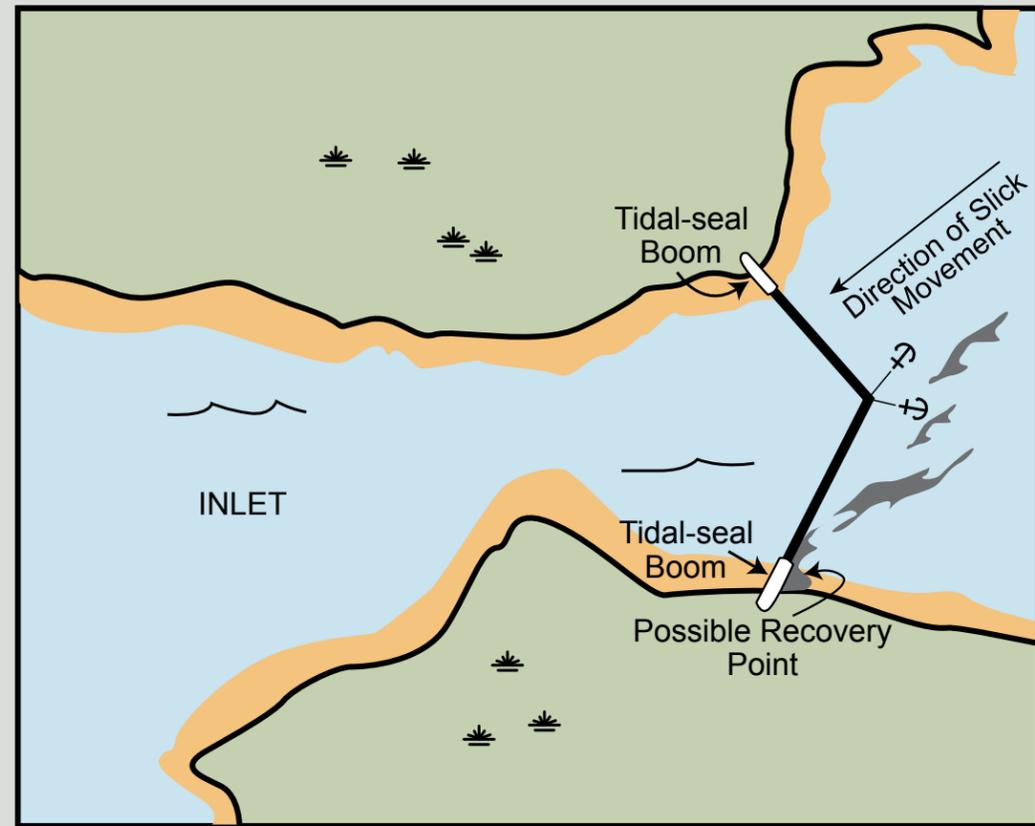


An example of the *Exclusion Booming Tactic*. Actual deployment should be adjusted for local conditions.



Map Legend

- Free-oil Recovery
- Exclusion Booming
- Protected-water Boom

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

Geographic Response Strategies for Northwest Arctic Subarea, St. Lawrence IS Zone

Petngeggyak Lagoon & River, NWA-SL01

Center of map at 63° 07.47' N Lat., 169° 25.20' W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SL-01-01 	Petngeghyak Lagoon and River Nearshore waters in the general area of: Lat 63°08.22 'N Lon. 169°22.06'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Petngeghyak Lagoon depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Manik 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.	Savoonga	Via marine waters Chart 16006	Same as SL-01-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous shifting sand bars and rocks.
SL-01-02 	Lagoon a. Lat. 63°08.92 N Lon. 169°22.80 W b. Lat. 63°08.92 N Lon. 169°22.80 W River c. Lat. 63° 07.86 'N Lon. 169° 23.92'W d. Lat. 63°08.92 N Lon. 169°22.80 W	Exclusion Exclude oil from impacting Petngeghyak Lagoon & River. Aerial surveillance of the barrier beach recommended identifying possible breaches.	Deploy anchors and boom with skiffs (class 6). The entrance of the lagoon and river are not navigable. For (a) exclude the Petngeghyak Lagoon with 650 ft. of protected-water boom placed in a chevron pattern in front of the entrance. For (b) place an additional 500 ft. further back out of the surf across the entrance. For (c)exclude the entrance to the Petngeghyak River with 500 ft. of protected-water boom placed in a chevron fashion extending into the ocean. For (d) place an addition 500 ft. protected-water boom inside the barrier beach across the channel. Tend throughout the tide.	Deployment Equipment 2150 ft. protected-water boom 11 ea. small anchor systems 16 ea. anchor stakes Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 5 ea. vessel crew Tending Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 3 ea. vessel crew	Vessel Platform	Via marine waters Chart 16006	Fish-white fish, rainbow smelt, saffron cod Birds-shorebird concentration, seabird nesting, waterfowl concentrations Marine mammals- polar bears, whales Habitat- Low lying tundra, marsh, gravel beaches, sheltered tidal flats Human use: subsistence	Vessel master should have local knowledge. FOSC Historic Properties Specialist should MONITOR on-site operations. Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment. Survey: not yet. Tested: not yet

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the NWA Sub-Area Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_nwa.htm.