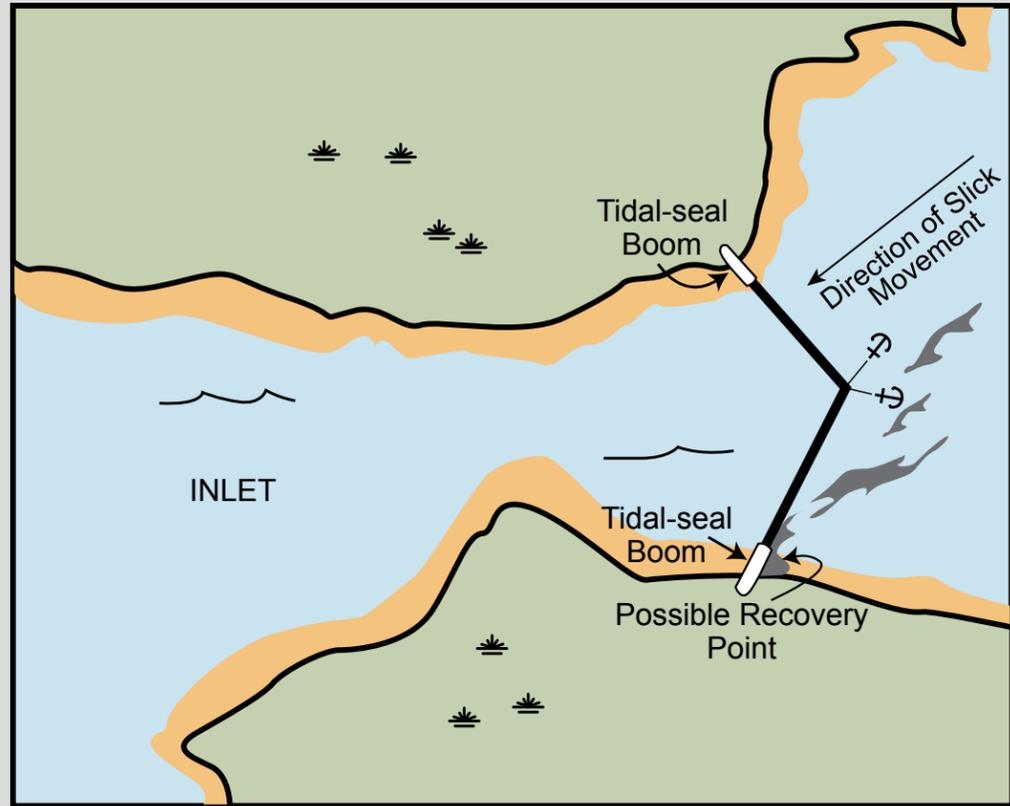


An example of the *Exclusion Booming Tactic*. Actual deployment should be adjusted for local conditions.



Map Legend

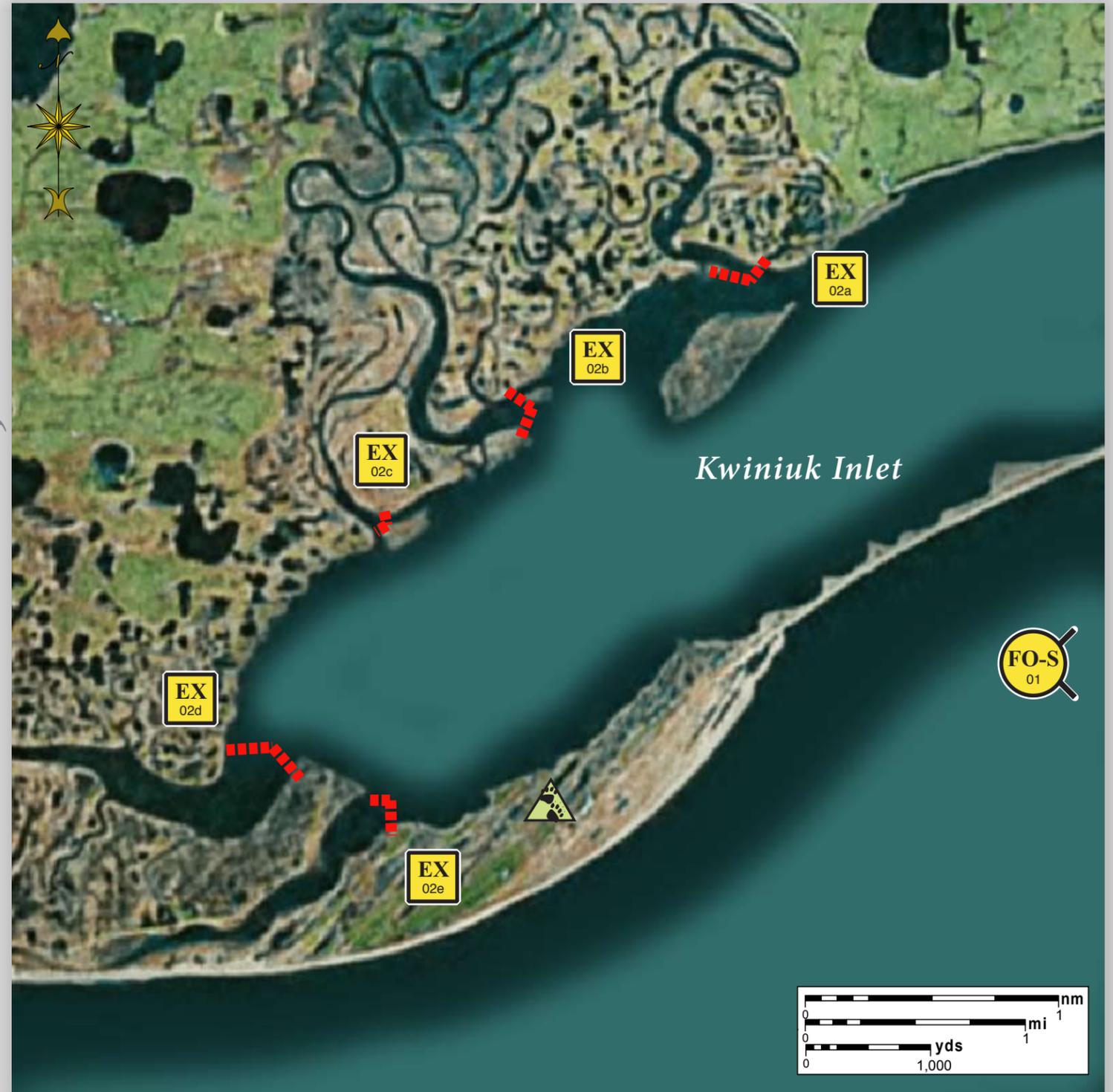
- Free-oil Recovery
- Exclusion Booming
- Protected-water Boom
- Bears in Area, Guards Recommended

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, Southern Zone

Kwiniuk Inlet, NWA-S20

Center of map at 64° 44'35" N Lat., 161° 53'1" 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
S-20-01 	Kwiniuk Inlet Nearshore waters in the general area of: Lat. 64° 42.29 N Lon. 161°42.55 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Kwiniuk Inlet depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Kwiniuk Inlet. 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.	Elim	Via marine waters Chart 16200	Same as S-20-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
S-20-02 	Kwiniuk Inlet Tubutulik River a. Lat. 64° 44.96 N Lon. 161°51.74 W b. Lat. 64° 44.19 N Lon. 161°53.95 W c. Lat. 64° 43.85 N Lon. 161°54.66 W d. Lat. 64° 42.77 N Lon. 161°56.66 W e. Lat. 64° 42.51 N Lon. 161°54.66 W	Exclusion Exclude oil from impacting Tubutulik River and the other streams in Kwiniuk Inlet.	Deploy anchors and boom with skiffs (class 6). Place and anchor the specified amount protected-water boom in a chevron pattern extending into the ocean at each location. If the is strategy is unable to hold at the location, deploy the array inside the entrance. Tend throughout the tide. <u>Boom Lengths:</u> a. 700 ft. b. 750 ft. c. 500 ft. d. 800 ft. e. 750 ft.	Deployment Equipment 3500 ft. protected-water boom 17 ea. anchor systems 20 ea. anchor stakes Vessels 1 ea class 3 2 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	Elim	Via marine waters Chart 16200	Fish-herring, chinook, chum, coho, pink salmon, dolly varden, white fish Birds-waterfowl concentration, seabird concentrations, shorebird concentration Habitat- marsh, gravel beaches Human uses- subsistence	Vessel master should have local knowledge. Title 41 permitting required from ADNR. A population of bears may be present in the area. A bear guard is required during shore operations. REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist. Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment. Site Survey: not surveyed 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.