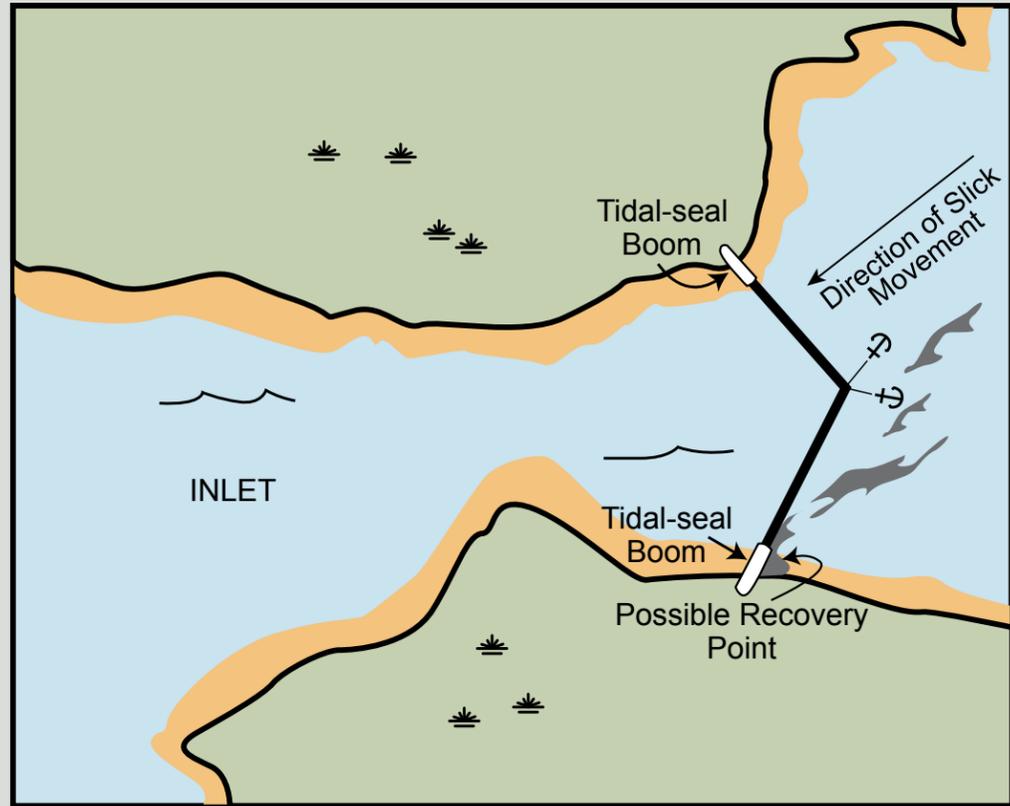


An example of the *Exclusion Booming Tactic*. Actual deployment should be adjusted for local conditions.



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

Kwik River, NWA-S21

Center of map at 64° 47'41" N Lat., 161° 42'29" 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-21-01 	Kwik River Nearshore waters in the general area of: Lat. 64° 45.85 N Lon. 161°40.51 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Kwik River depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Kwik River. 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-21-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
S-21-02 	Kwik River Lat. 64° 47.20 N Lon. 161°40.27 W	Exclusion Exclude oil from impacting Kwik River and the lagoon.	Deploy anchors and boom with skiffs (class 6). Place and anchor 1000 ft. of protected-water boom in a chevron pattern extending into the ocean. If this strategy is unable to hold, deploy the array inside the entrance. Tend throughout the tide.	Deployment Equipment 1000 ft. protected-water boom 5 ea. anchor systems 4 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 16200	Fish- intertidal spawning- herring, chinook, chum, coho, pink salmon, dolly varden, white fish Birds-waterfowl concentration, seabird concentrations, shorebird concentration Marine mammals- seals Habitat- sheltered tidal flats, 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. 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. 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.