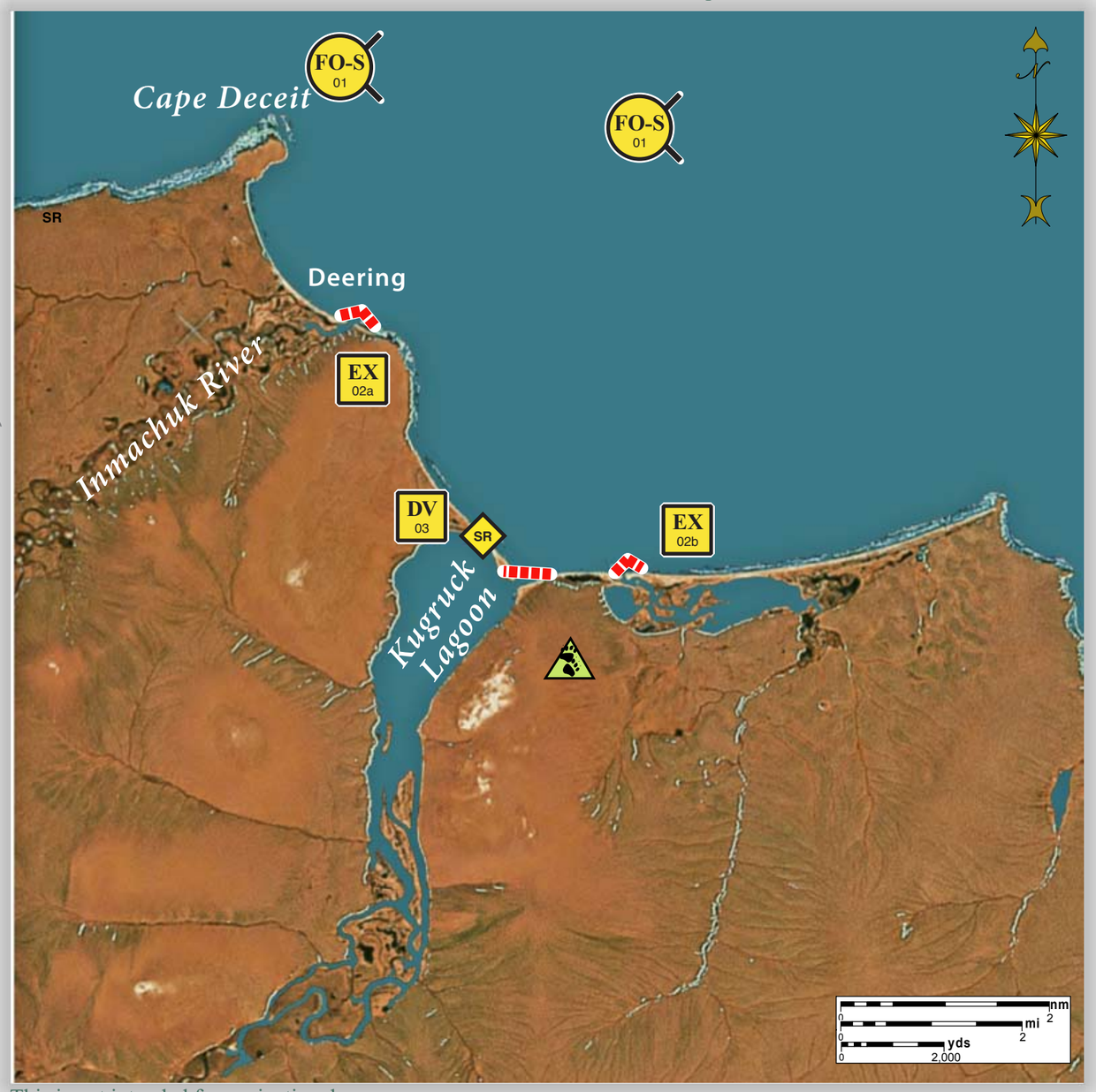
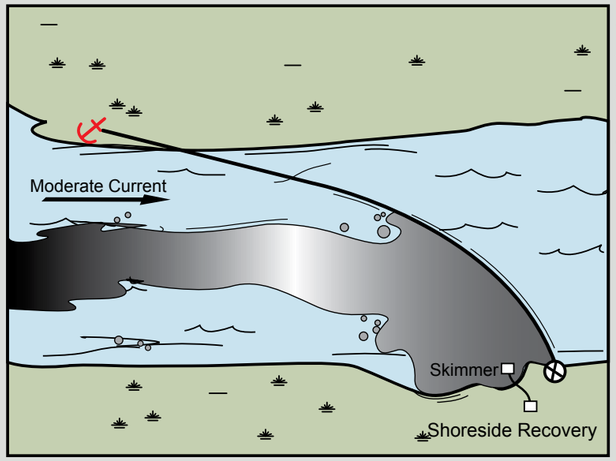
Geographic Response Strategies for Northwest Arctic Subarea, Northern Zone

Inmachuk River/Cape Deceit, NWA-N21

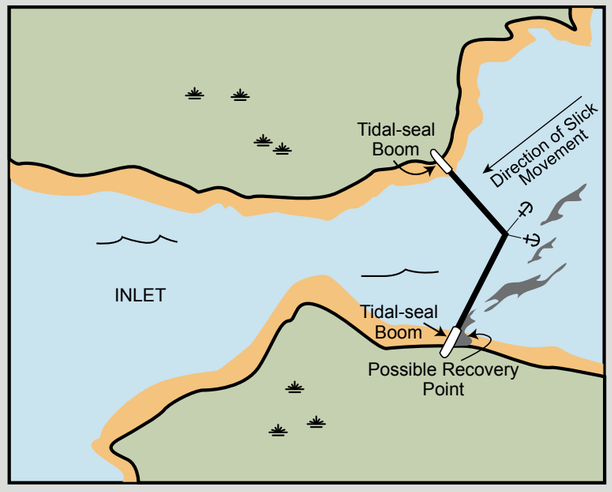
Center of map at 66° 4'40" N Lat., 162° 43'37" W Lon.



This is not intended for navigational use.



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



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

Map Legend

- FO-S — Free-oil Recovery
- DV — Diversion Boomin
- EX — Exclusion Booming
- Protected-water Boom
- SR — Shoreside Recovery
- Bears in Area, Guards Recommended

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

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-21-01 FO-S	**Inmachuk River & Cape Deceit** Nearshore waters in the general area of: Lat. 66° 05.8 N Lon. 162°37.0 W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Inmachuk River & Kugruk Lagoon depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Cape Deceit, Inmachuk River & Kugruk Lagoon. Focus resources on oil expected to impact Cape Deceit. 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.	Deering	Via marine waters Chart 16005	Same as N-21-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
N-21-02 EX	**Inmachuk River & Nearby Lagoon System** a. Lat. 66° 04.48 N Lon. 162°42.70 W b. Lat. 66° 02.40 N Lon. 162°35.44 W	**Exclusion** Exclude oil from impacting the channels leading into the Inmachuk River & the nearby lagoon system.	Deploy anchors and boom with skiffs (class 6). For each array place the specified amount of protected-water boom in a slight chevron pattern across the entrance to each stream or river. If sea state and surf condition preclude this deployment, move the boom inside the entrance. Tend throughout the tide. Boom Length: a. 700 ft. b. 300 ft.	**Deployment** **Equipment** 1000 ft. protected-water boom 5 ea. anchor systems 8 ea. anchor stakes **Vessels** 2 ea. class 6 **Personnel/Shift** 4 ea. vessel crew 2 ea. response techs **Tending** **Vessels** 1 ea. class 6 **Personnel/Shift** 2 ea. vessel crew 1 ea. response tech	Deering	Via marine waters Chart 16005	Fish- herring spawning, chum, pink, salmon, dolly varden char, rainbow smelt, saffron cod Birds-waterfowl concentration, seabird nesting (Cape Deceit) Habitat- marsh, low lying tundra, exposed rocky shore, gravel beaches	Vessel master should have local knowledge. A population of bears may be present in the area. A bear guard is required during shore operations. Title 41 permitting required from ADNR. Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment. Tested: not yet
N-21-03 DV	**Kugruk Lagoon** Lat. 66° 02.25 N Lon. 162°37.88 W	**Divert and Collect** Divert oil to shore-side collection points determined by spill source and trajectory.	Deploy anchors and boom with skiffs (class 6). Place protected-water boom at proper angle to divert incoming oil to the collection site on the shore. Set-up collection site using a shore-side collection unit or if oil volume is minimal, use sorbent boom or snare line to provide collection of oil. Tend throughout the tide.	**Deployment** **Equipment** 1200 ft. protected-water boom 6 ea. small anchor systems 4 ea. anchor stakes 1 ea. shore-side collection units **Vessels/Personnel/Shift** Same as N-21-02 **Tending** **Vessels/Personnel/Shift** Same as N-21-02	Deering	Via marine waters Chart 16005	Same as N-21-02	Vessel master should have local knowledge. FOSC Historic Properties Specialist should MONITOR on-site operations. Take appropriate measures as outlined in the STAR Manual to protect the beach at the collection site. 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.