



Beach location for possible deployment of DF02a.



Bunnell Cape viewed from the northwest.

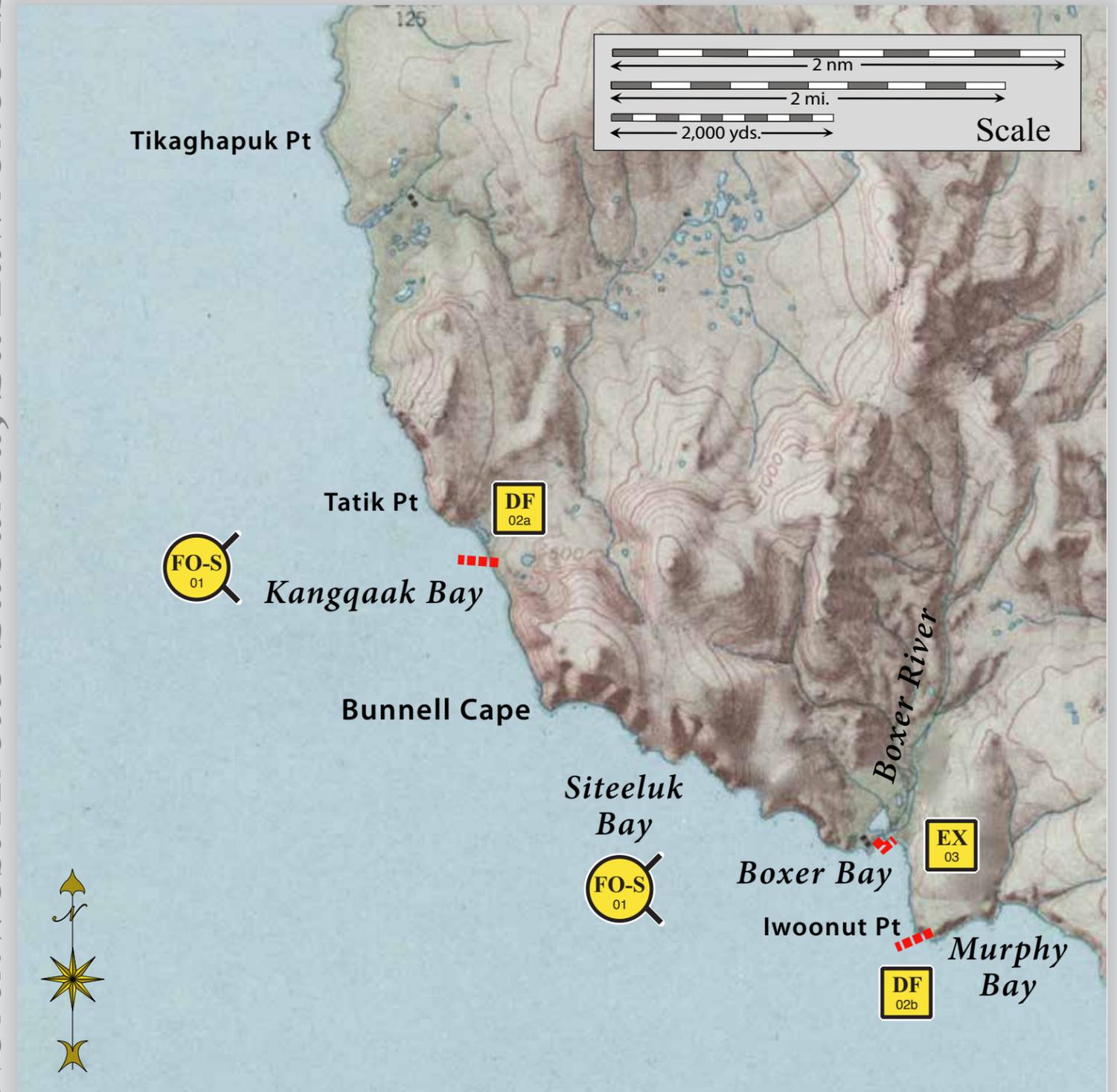
Map Legend

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

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

Kangqaak Bay, NWA-SL10

Center of map at 63° 20.60' N Lat., 171° 38.70' 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-10-01 	Kangqaak Bay Nearshore waters in the general area of: Lat. 63°19.09 N Lon. 171°33.29 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Kangqaak Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Kangqaak Bay. 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.	Gambell	Via marine waters Chart 16006	Same as SL-10-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
SL-10-02 	Kangqaak Bay a. Lat. 63° 24.18 N Lon. 171°46.51 W b. Lat. 63° 19.21 N Lon. 171° 32.49 W	Deflection Deflect oil away from the shoreline and rookeries and back into the channel for free-oil recovery.	Deploy boom and anchor system with skiffs (class 6). This deployment should be based on observed currents and wind direction. The location is exposed and subject to significant surf. Deploy with extreme caution and only if deemed effective in the prevailing conditions. At each location anchor to the shore and extend outward 600 ft. protected-water booms at a proper angle to deflect oil. Place anchors and establish deflection to maximize deflect to free oil recovery. Water depths are estimated to be deep and will require larger anchor systems. Tend throughout the tide.	Deployment Equipment 1200 ft. protected-water boom 6 ea large anchor systems 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 16606	Birds-seabird nesting, waterfowl concentrations Marine mammals-seals, whales Habitat- gravel beaches, marshes Human use: subsistence	Vessel master should have local knowledge. The location is exposed and subject to significant surf. Deploy with extreme caution. FOSC Historic properties specialist should INSPECT site prior to operations. Site surveyed: Not surveyed. Tested: not yet
SL-10-03 	Boxer River Lat. 63° 20.42 N Lon. 171° 34.49 W	Exclusion Exclude oil from impacting the Boxer River and lagoon. The entrance to the lagoon may change seasonally and large storms may open the lagoon in other areas on the barrier beach. Aerial survey recommended prior to deployment.	For deploy anchors and boom with skiffs (class 6). Place protected-water boom in a chevron pattern in front of the entrances to the Boxer River. If the sea state does not allow this deployment, move to inside the entrance. Tend throughout the tide.	Deployment Equipment 600 ft. protected-water boom 3 ea. anchor systems 4 ea. anchor stakes Vessels/Personnel/Shift Same as SL-10-02 Tending Vessels/Personnel/Shift Same as SL-10-02	Vessel platform	Via marine waters Chart 16006	Same as SL-10-02	Vessel master should have local knowledge. Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment. Consult the Site Selection Matrix for the Cultural Resources Designation. Site surveyed: Not surveyed Tested: not yet