






DF02a viewed from the north.



DF02b Viewed from the north.

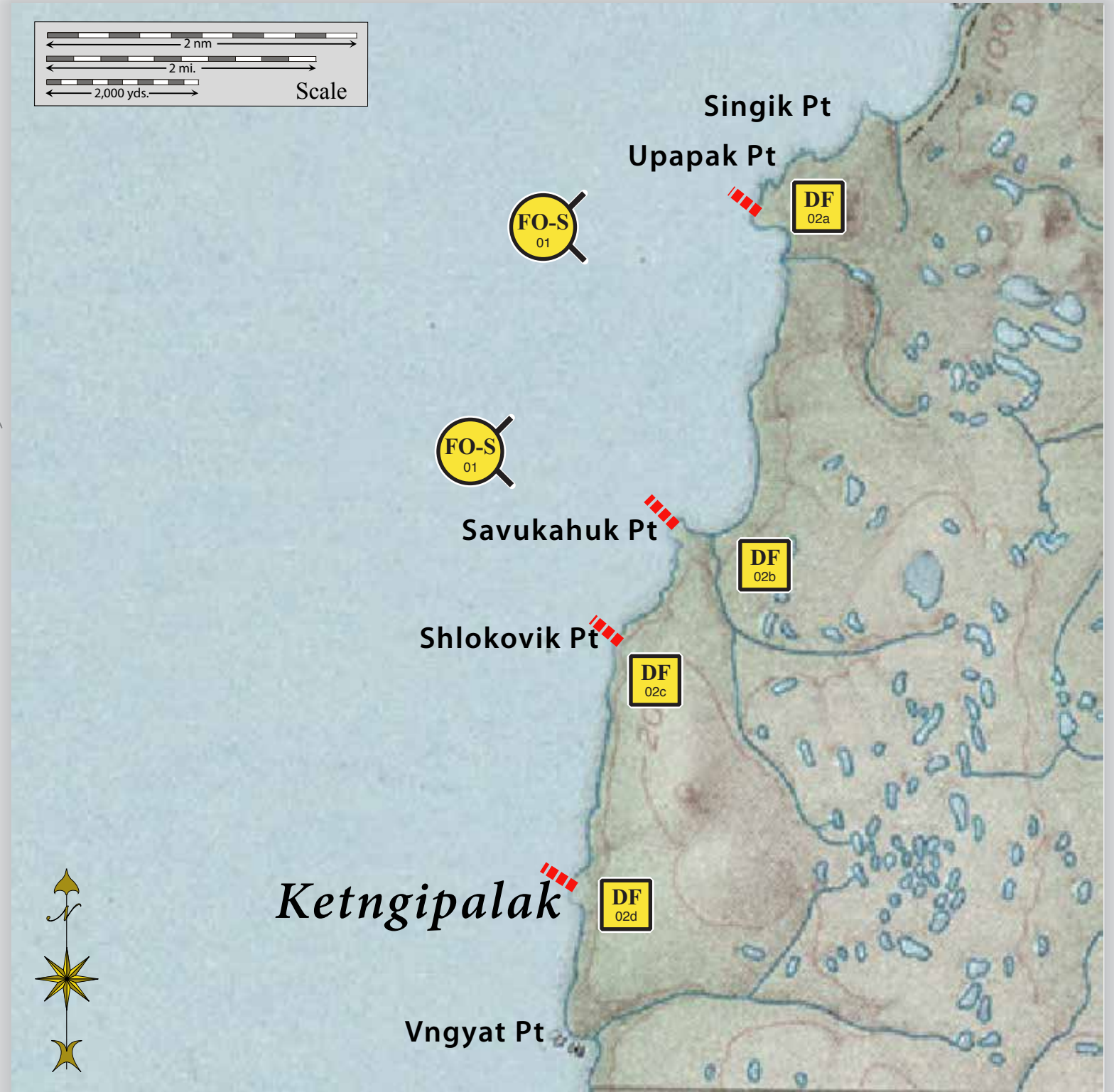
Map Legend

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



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

Ketngipalak, NWA-SL09

Center of map at 63° 34.87' N Lat., 171° 49.63' 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-09-01 	Ketngipalak Nearshore waters in the general area of: Lat. 63° 39.16 N Lon. 171°50.44 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Ketngipalak depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Ketngipalak. 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-09-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
SL-09-02 	Ketngipalak a. Lat. 63° 37.63 N Lon. 171°47.87 W b. Lat. 63° 35.67 N Lon. 171°48.95 W c. Lat. 63° 34.95 N Lon. 171°49.68 W d. Lat. 63° 33.22 N Lon. 171°50.42 W	Deflection Deflect oil away from the shoreline 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. Tend throughout the tide.	Deployment Equipment 2400 ft. protected-water boom 12 ea 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-shorebird concentration, seabird nesting, waterfowl concentrations Marine mammals-seals, whales Habitat- gravel beaches Human use: subsistence	Vessel master should have local knowledge. FOSC Historic properties specialist should INSPECT site prior to operations. 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