



Kukulek Bay viewed from the southwest.



DV-01 viewed from the north.

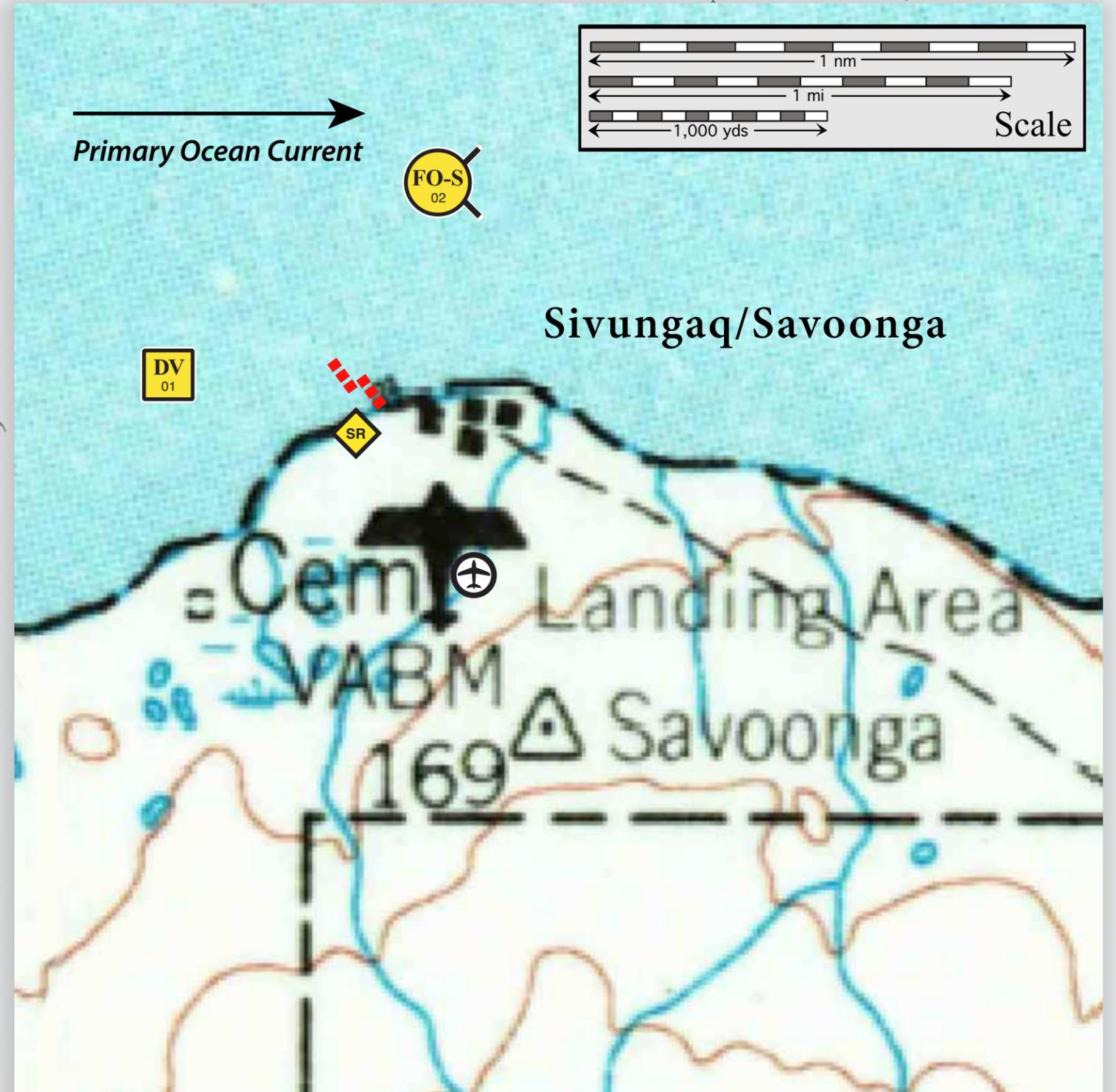
**Map Legend**

-  Free-oil Recovery
-  Diversion Booming
-  Shoreside Recovery
-  Protected-water Boom
-  Airport

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

# Sivungaq/Savoonga, NWA-SL16

Center of map at 63° 41.48' N Lat., 170° 24.70' 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-16-01<br> | <b>Sivungaq/Savoonga</b><br><br>Lat. 63° 41.79'N<br>Lon. 170°28.66'W   | <b>Divert &amp; Collect</b><br>Divert incoming oil towards the shore and collect using a skimming system or sorbent materials.                                       | Deploy boom and anchor system with skiffs (class 6).<br><br>Position in a cascaded fashion 3 x 300 ft. of protected-water boom at a proper angle to divert oil towards the small beach area in front of the reef extending from the beach.<br><br>Tend throughout the tide. | <b>Deployment Equipment</b><br>900 ft. protected-water boom<br>9 ea. anchor systems<br><b>Vessels</b><br>2 ea. class 6<br><b>Personnel/Shift</b><br>4 ea. vessel crew<br>2 ea. response techs<br><b>Tending</b><br><b>Vessels</b><br>1 ea. class 6<br><b>Personnel/Shift</b><br>2 ea. vessel crew<br>1 ea. response techs | Sivungaq/Savoonga                                     | Via marine waters<br><br>Chart 16006_1 | Birds- waterfowl and seabird concentration<br><br>Marine mammals- seals, walrus<br><br>Habitat- gravel beaches, rocky shoreline<br><br>Human Uses- subsistence-marine mammals | Vessel master should have local knowledge.<br><br>Consult the ADEC "Spill Tactics for Alaska Responders" manual for additional information on the deployment of these tactics.<br><br>Consult the Site Selection Matrix for the Cultural Resources Designation.<br><br>Surveyed: July 2013<br><br>Tested: not yet |
| SL-16-02<br> | <b>Sivungaq/Savoonga</b><br>Nearshore waters in the general area of:<br><br>Lat. 63° 42.52 N<br>Lon. 170°27.56 W | <b>Free-oil Recovery</b><br>Maximize free-oil recovery in the offshore & nearshore environment of Sivungaq/Savoonga area depending on spill location and trajectory. | Deploy free-oil recovery strike teams upwind and up current of Sivungaq/Savoonga area.<br><br>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.   | 0.0 nm to Sivungaq/<br>Savoonga<br><br>135 nm to Nome | Via marine waters<br><br>Chart 16006_1 | Same as SL-16-01  | Vessel master should have local knowledge.<br><br>Use extreme caution, shoal waters with numerous reefs and rocks.  |