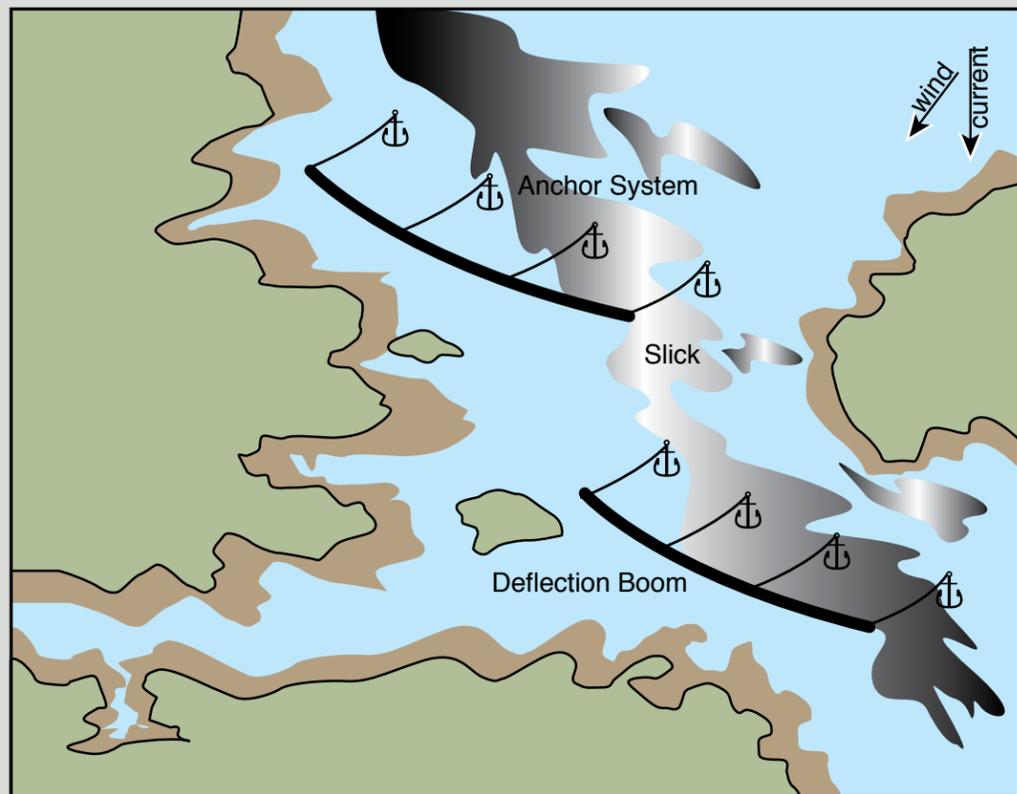


An example of the *Deflection Booming Tactic*. Actual deployment should be adjusted for local conditions.



**Map Legend**

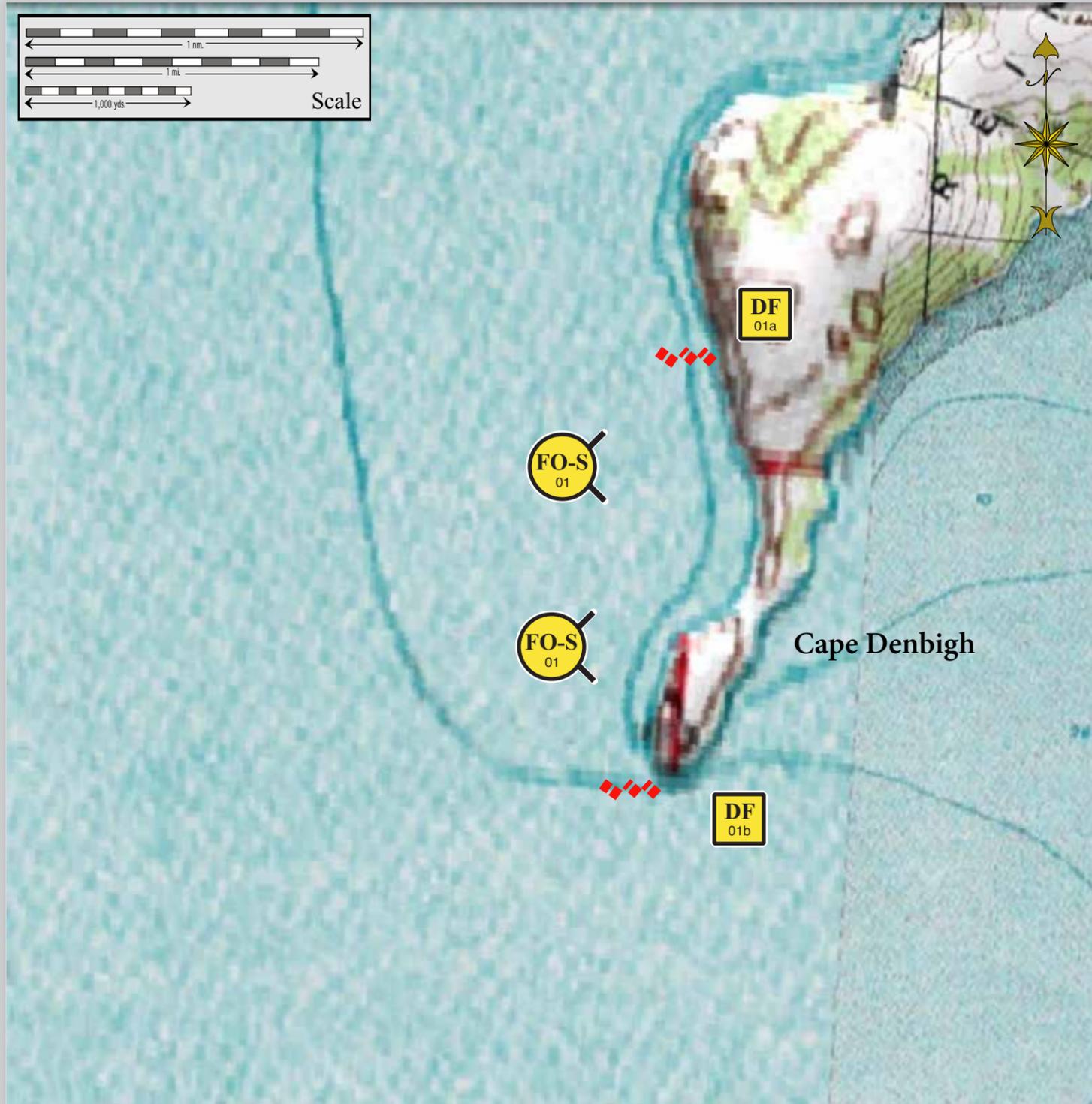
-  Free-oil Recovery
-  Deflection-Live Booming
-  Protected-water Boom

*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

## Cape Denbigh, NWA-S47

Center of map at 64° 22.85' N Lat., 161° 31.85' 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-47-01<br> | <b>Cape Denbigh</b><br>a. Lat. 64° 23.55 N<br>Lon. 161°31.28 W<br>b. Lat. 64° 22.40 N<br>Lon. 161°31.45 W   | <b>Deflection</b><br>Deflect oil coming towards Cape Denbigh into open water for free-oil recovery.<br><br>If natural deflection is sufficient for Free-oil Recovery, or if resources are not present deployment is not necessary. | 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 deflect oil from Cape Denbigh.<br><br>Tend throughout the tide. | <b>Deployment Equipment</b><br>1800 ft. protected-water boom<br>18 ea. anchor systems<br><b>Vessels</b><br>1 ea. class 3<br>1 ea. class 6<br><b>Personnel/Shift</b><br>5 ea. vessel crew<br>2 ea. response techs<br><b>Tending Vessels</b><br>1 ea. class 6<br><b>Personnel/Shift</b><br>2 ea. vessel crew<br>1 ea. response techs | Vessel Platform    | Via marine waters<br><br>Chart 16200_1 | Fish: intertidal spawning-herring<br><br>Birds: waterfowl concentration, shorebird concentration, seabird nesting,<br><br>Habitat: exposed rocky shore | 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: not yet<br><br>Tested: not yet |
| S-47-02<br> | <b>Cape Denbigh</b><br>Nearshore waters in the general area of:<br><br>Lat. 64° 23.20 N<br>Lon. 161°33.14 W | <b>Free-oil Recovery</b><br>Maximize free-oil recovery in the offshore & nearshore environment of Cape Denbigh depending on spill location and trajectory.   | Deploy free-oil recovery strike teams upwind and up current of Cape Denbigh.<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.  | 10nm to Shaktoolik | Via marine waters<br><br>Chart 16200_1 | Same as S-47-01  | Vessel master should have local knowledge.<br><br>Use extreme caution, shoal waters with numerous reefs and rocks.  |

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](http://dec.alaska.gov/spar/perp/plans/scp_nwa.htm).