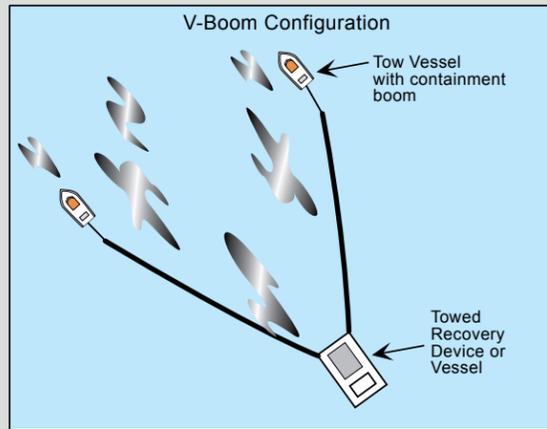
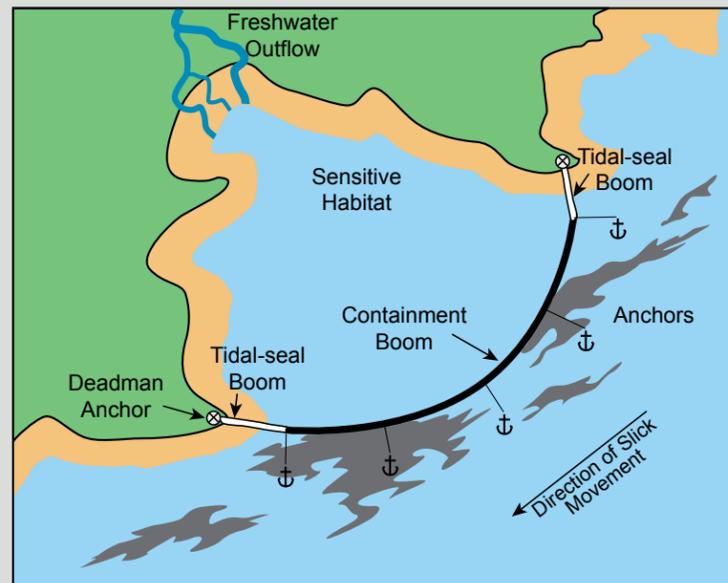


An example of the *Diversion Booming Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Free-oil Recovery Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Passive Recovery Tactic*. Actual deployment should be adjusted for local conditions.

Map Legend

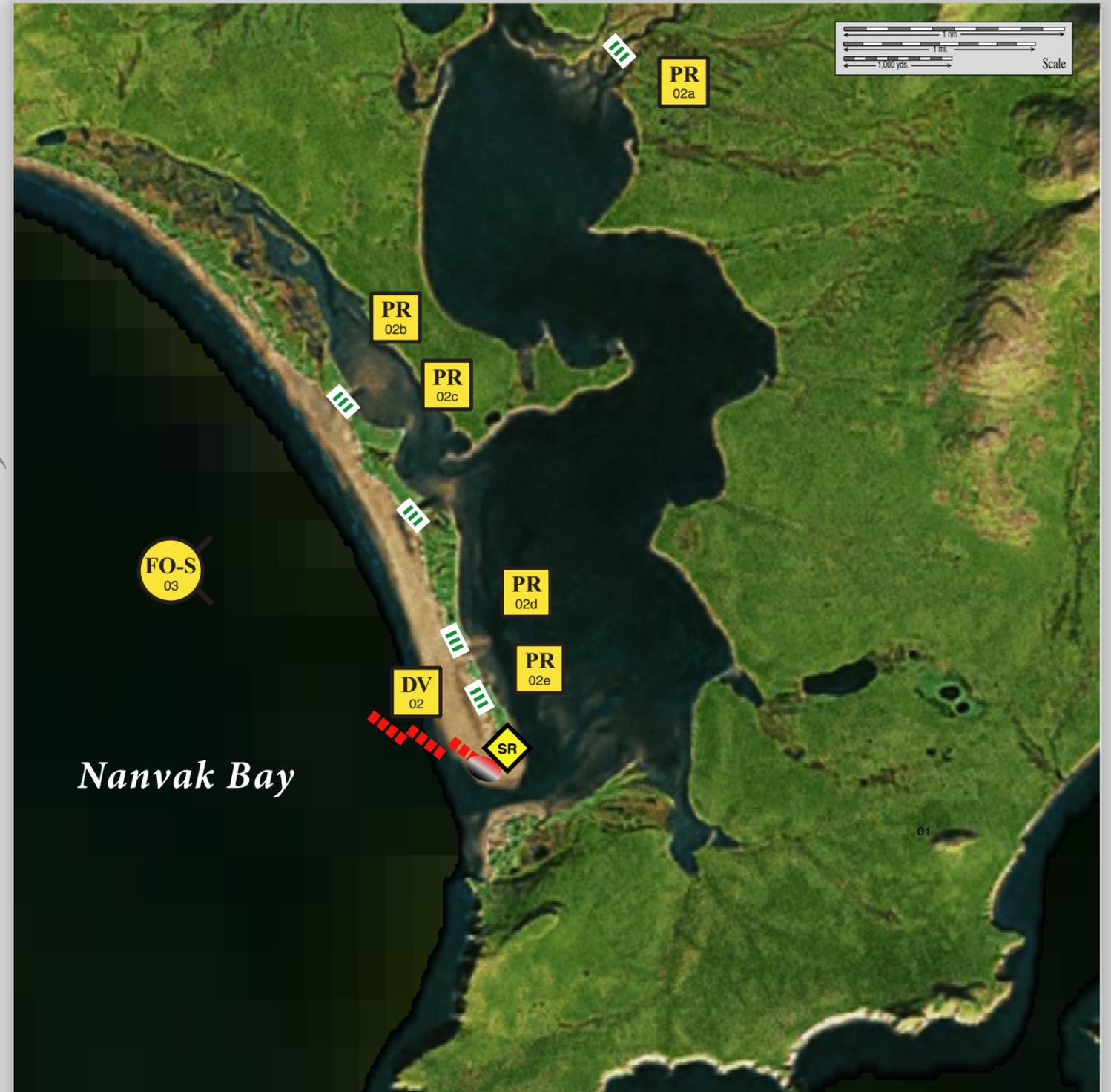
Free-oil Recovery	Shoreside Recovery
Diversion Booming	Protected-water Boom
Passive Recovery	Snare or Sorbent Boom
	Tidal-seal Boom

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

Geographic Response Strategies for Western Alaska Subarea, Southern Zone

Nanvak Bay, WAK-S16

Center of map at 58° 34.51' N Lat., 161° 46.36' W Lon.



Nanvak Bay

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-16-01 DV	Nanvak Bay Lat. 58° 34.81'N Lon. 161°45.05'W	Divert and Collect Divert oil to shore side collection location on the shore of the spit forming Nanvak Bay.	Deploy anchors and boom with skiffs (class 6). Identify the direction of the incoming oil and position the array in the path most likely to intercept oil. Cascade 3 sections of protected-water boom at the proper angle to divert incoming oil to the collection site. Complete the arrays with a 60-foot section of tidal-seal boom. Set up shore-side collection unit and tend throughout the tide.	Deployment Equipment 900 ft. protected-water boom 60 ft. tidal-seal boom 9 ea. anchor systems 2 ea. anchor stakes 1 ea. shore-side recovery system Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 5 ea. vessel crew/general techs 2 ea. response techs Tending Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 3 ea. vessel crew/general techs 1 ea. skilled tech	Togiak	Via marine waters Chart 16305	Fish- intertidal spawning-salmon(June-Sept.)herring, sheefish, arctic char, white fish Marine mammals-seals Birds-waterfowl, seabird and shorebird concentration Habitat- sheltered tidal flats, peat shoreline, marsh, Human use-subsistence, commercial fishing	Vessel master should have local knowledge. Title 41 permitting required from ADNDR. THREATENED OR ENDANGERED SPECIES/ HABITAT POSSIBLE. Discuss with DOI prior to on-site operations. Surveyed: not yet Tested: not yet
S-16-02 PR	Nanvak Bay a. Lat. 58° 38.21'N Lon. 161°44.25'W b. Lat. 58° 36.61'N Lon. 161°46.66'W c. Lat. 58° 36.10'N Lon. 161°46.08'W d. Lat. 58° 35.40'N Lon. 161°45.59'W e. Lat. 58° 35.25'N Lon. 161°45.44'W	Passive Recovery Survey the area prior to deployment. Place passive recovery across entrances to the identified slough next to the Nanvak Bay.	Place and anchor snare line or sorbent boom across the channels of streams at the back of the bay. Place the remaining arrays at the breaks in the spit that creates Nanvak Bay. Replace as necessary to maximize the recovery. Boom Lengths: a. 600 ft b. 400 ft c. 300 ft d. 500 ft e. 300 ft	Deployment Equipment 2100 ft. snare line or sorbent boom 8 ea. small anchor systems 20ea. anchor stakes (Adjust equipment to reflect survey findings) Vessels/Personnel/Shift Same as S-16-01 Tending Vessels/Personnel/Shift Same as S-16-01	Togiak	Via marine waters Chart 16305	Same as S-16-01	Vessel master should have local knowledge.
S-16-03 FO-S	Nanvak Bay Nearshore waters in the general area of: Lat. 58° 34.51'N Lon. 161°46.36'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Nanvak Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Nanvak 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.	Togiak	Via marine waters Chart 16305	Same as S-16-01	Vessel master should have local knowledge. Use extreme caution, shallow waters with shifting channels and bars.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Western Alaska Subarea Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_wak.htm.