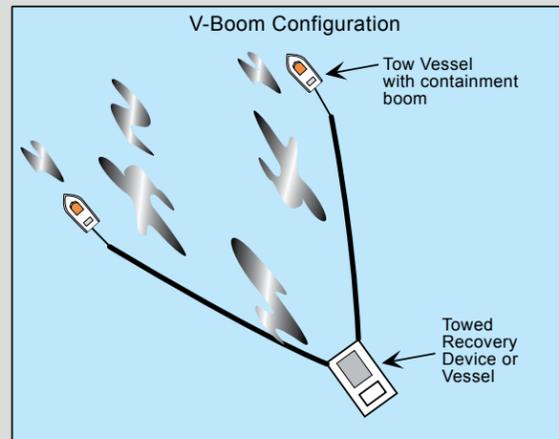
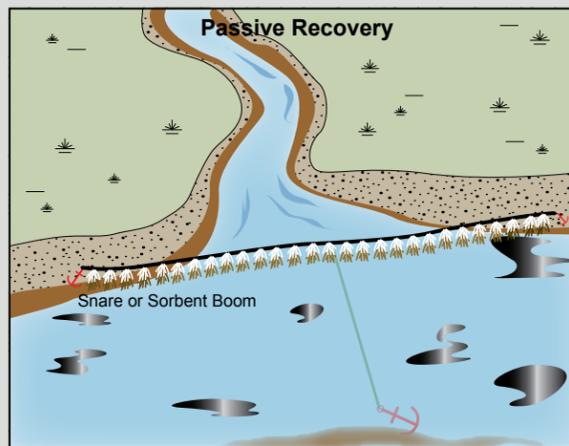


An example of the *Diversion Booming Tactic*. Actual deployment should be adjusted for local conditions.



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

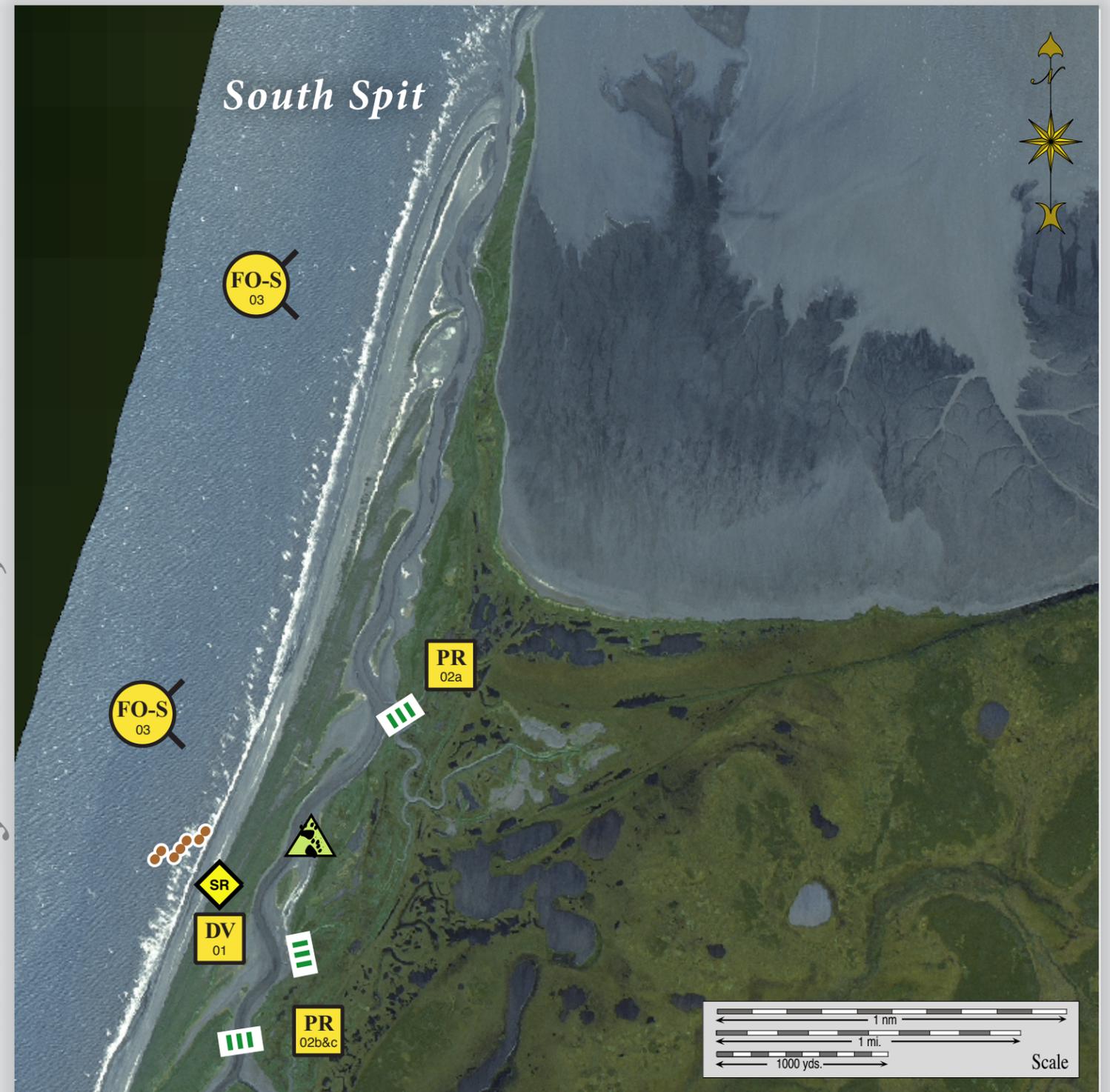
	Free-oil Recovery		Fast-water Boom
	Passive Recovery		Snare or Sorbent Boom
	Diversion Booming		Bears in Area, Guards Recommended
	Shoreside Recovery		

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

**Geographic Response Strategies for
Bristol Bay Subarea, Northern Zone**

South Spit, BB-N13

Center of map at 58° 08.17' N Lat., 157° 34.70' 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
N-13-01 	South Spit Lat.58° 09.74'N Lon.157°33.18'W	Divert and Collect Divert oil to shore side collection location on the shore of the South Spit.	Deploy anchors and boom with skiffs (class 6). On the spit at a location most likely to intercept the most incoming oil cascade off the beach 3 x 300 ft sections of protected-water boom at the proper angle to divert incoming oil to the collection sites. Complete the array with 60 ft. of tidal seal boom on the beach. Set up shore-side recovery and tend throughout the tide.	Deployment Equipment 900 ft. fast-water boom 60 ft. tidal seal boom 9 ea. anchor systems 2 ea. anchor stakes 1 ea. shore-side recovery systems Vessels 1 ea. class 3 2 ea. class 6 Personnel/Shift 4 ea. vessel crew/general techs 2 ea. response techs Tending Vessels 2 ea. class 6 Personnel/Shift 4 ea. vessel crew/general techs 1 ea. skilled tech	Egegik	Via marine waters Chart 16343	Birds-waterfowl, seabird and shorebird concentration Marine Mammals-otters, seals Habitat- exposed tidal flats, marsh Human use-subsistence, commercial fishing	Vessel master should have local knowledge. Surveyed: not yet Tested: not yet THREATENED OR ENDANGERED SPECIES/HABITAT POSSIBLE. Discuss with DOI prior to on-site operations. Take precautions to protect the shoreline as outlined in the Alaska STAR Manual. A large population of bears are in this area. Bear guard required.
N-13-02 	South Spit a. Lat.58° 10.52'N Lon.157°32.03'W b. Lat.58° 10.07'N Lon.157°32.79'W c. Lat.58° 09.69'N Lon.157°32.82'W	Passive Recovery Survey the area prior to deployment. Place passive recovery across entrances to the identified sloughs and streams in South Spit.	Place and anchor snare line or sorbent boom across the streams in South Spit. Replace as necessary to maximize the recovery. Boom Lengths: a. 600 ft b. 300 ft c. 300 ft	Deployment Equipment 1200 ft. snare line or sorbent boom 7 ea. anchor systems 6 ea. anchor stakes systems Vessels/Personnel/Shift Same as N-13-01 Tending Vessels/Personnel/Shift Same as N-13-01	Egegik	Via marine waters Chart 16343	Same as N-13-01	Vessel master should have local knowledge. Title 41 permitting required from ADNR.
N-13-03 	South Spit Nearshore waters in the general area of: Lat. 58° 08.17'N Lon. 157°34.70'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of South Spit depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the South Spit. 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.	Egegik	Via marine waters Chart 16343	Same as N-13-01	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 Bristol Bay Subarea Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_bb.htm.