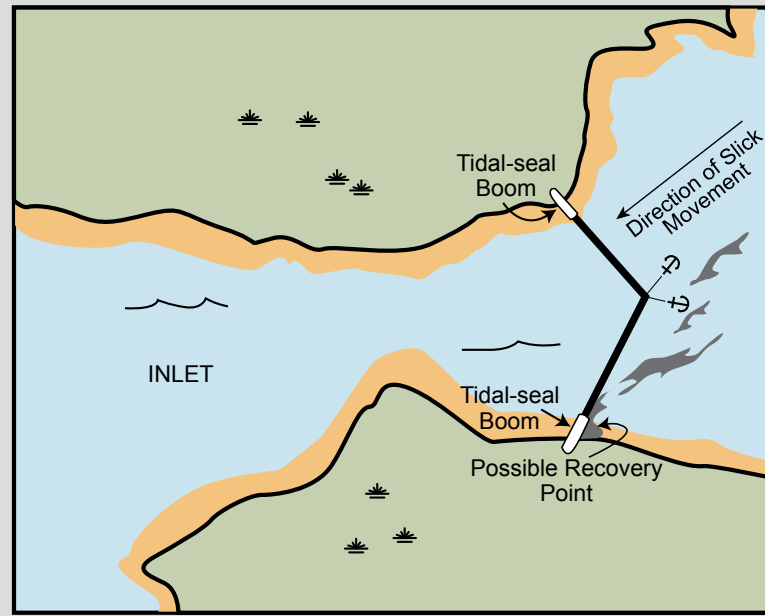
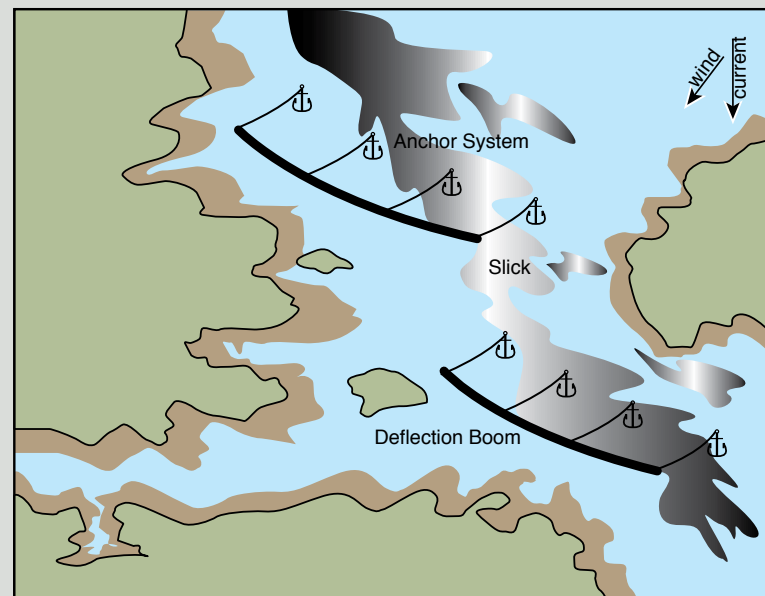


# St. Michael Bay, NWA-S28

Center of map at 63° 29'10" N Lat., 161° 57'15" W Lon.



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



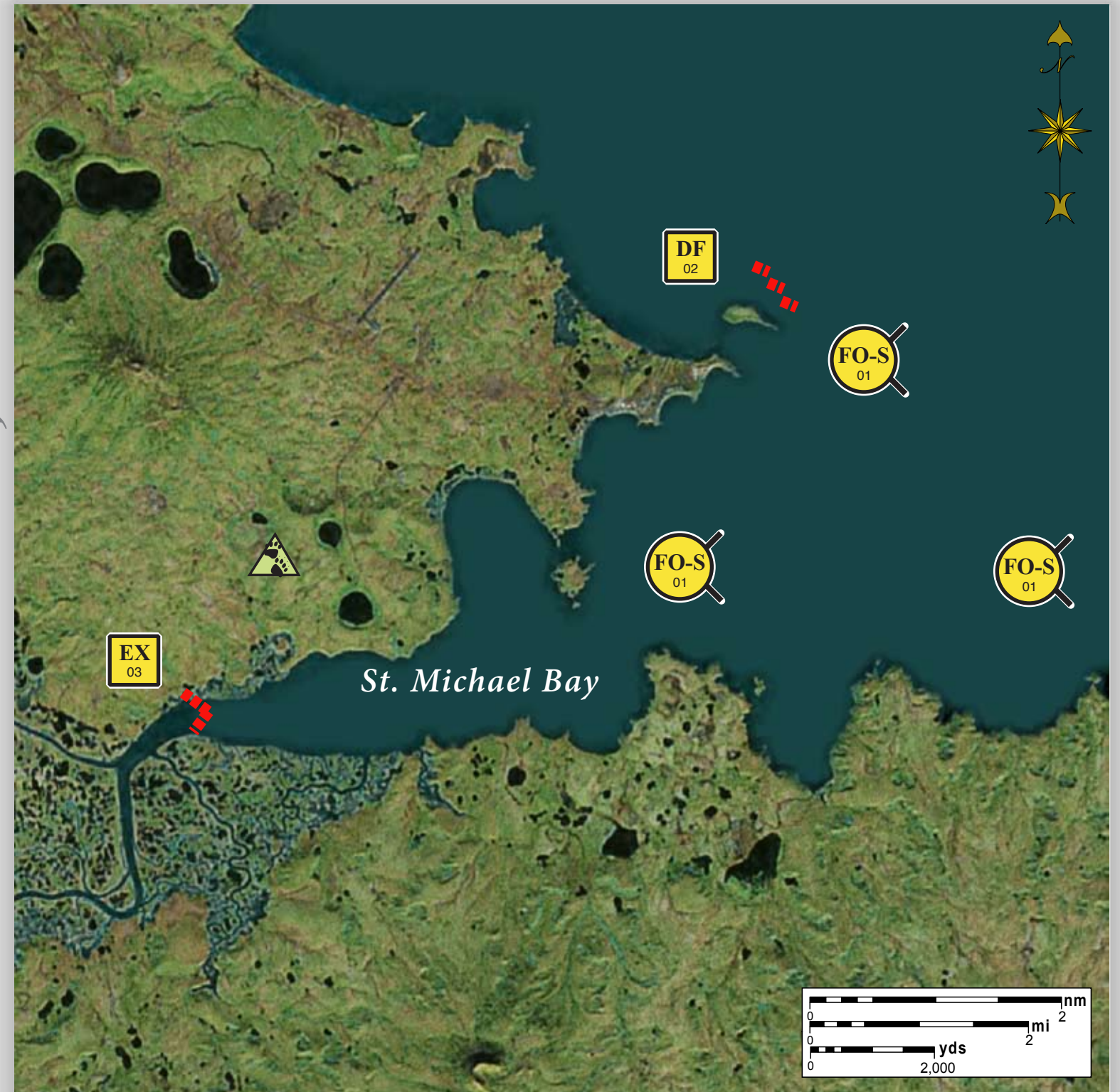
An example of the *Deflection Booming Tactic*. Actual deployment should be adjusted for local conditions.

**Map Legend**




	Free-oil Recovery		Protected-water Boom
	Exclusion Booming		Bears in Area, Guards Recommended
	Deflection Booming		

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



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-28-01 	<b>St. Michael Bay</b> Nearshore waters in the general area of: Lat. 63° 29.00 N Lon. 161°58.55 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of St. Michael Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of St. Michael 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.	St Michaels	Via marine waters  Chart 16240	Same as S-28-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
S-28-02 	<b>St. Michael Bay</b> Lat. 63° 29.52 N Lon. 161°59.88 W	<b>Deflection</b> If possible, deflect oil coming towards St. Michael Bay into the channel for free-oil recovery.  If natural deflection is sufficient for free-oil Recovery, deployment is not necessary.	Deploy boom and anchor system with skiffs (class 6).  Depending on the trajectory of the oil, anchor in a cascaded pattern 3 x 300 ft. sections of protected-water boom at a proper angle to deflect oil from the rookery on the island.  Tend throughout the tide.	<b>Deployment Equipment</b> 900 ft. protected-water boom 18 ea. anchor systems <b>Vessels</b> 1 ea. class 3 2 ea. class 6 <b>Personnel/Shift</b> 7 ea. vessel crew <b>Tending Vessels</b> 1 ea. class 6 <b>Personnel/Shift</b> 2 ea. vessel crew	Vessel Platform	Via marine waters  Chart 16240	Fish-herring, chinook, chum, coho, pink salmon, dolly varden, white fish  Birds-waterfowl concentration, seabird concentrations, shorebird concentration, seabird nesting  Habitat-sheltered tidal flats, marsh, gravel beaches	Vessel master should have local knowledge.  REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist.  Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment.
S-28-03 	<b>St. Michael Canal</b> Lat. 63° 25.79 N Lon. 162° 9.55 W	<b>Exclusion</b> Exclude oil from impacting St. Michael canal.	Deploy anchors and boom with skiffs (class 6).  Place and anchor 1700 ft. of protected-water boom at each location in a chevron pattern extending into the ocean.  If this strategy is unable to hold, deploy the array inside the entrance.  Tend throughout the tide.	<b>Deployment Equipment</b> 1700 ft. protected-water boom 8 ea. anchor systems 8 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as S-28-02 <b>Tending Vessels/Personnel/Shift</b> Same as S-28-02	Vessel Platform	Via marine waters  Chart 16240	Same as S-28-02	Vessel master should have local knowledge.  Title 41 permitting required from ADNR.  A population of bears may be present in the area. A bear guard is required during shore operations.  Site Survey: not surveyed  Tested: not yet

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).