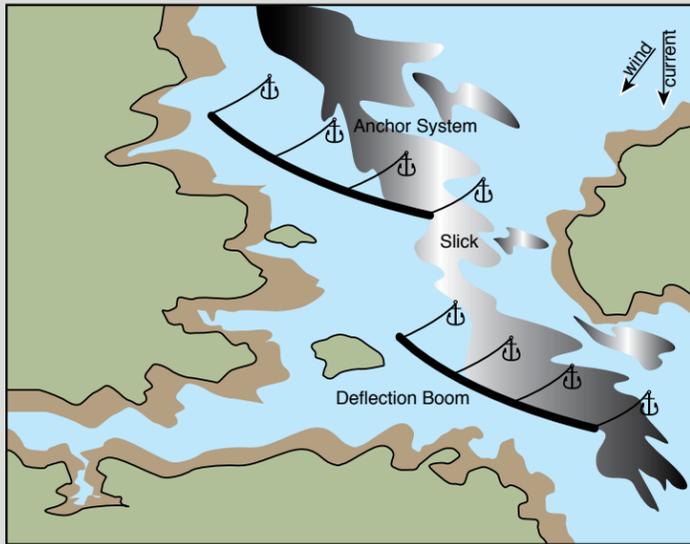


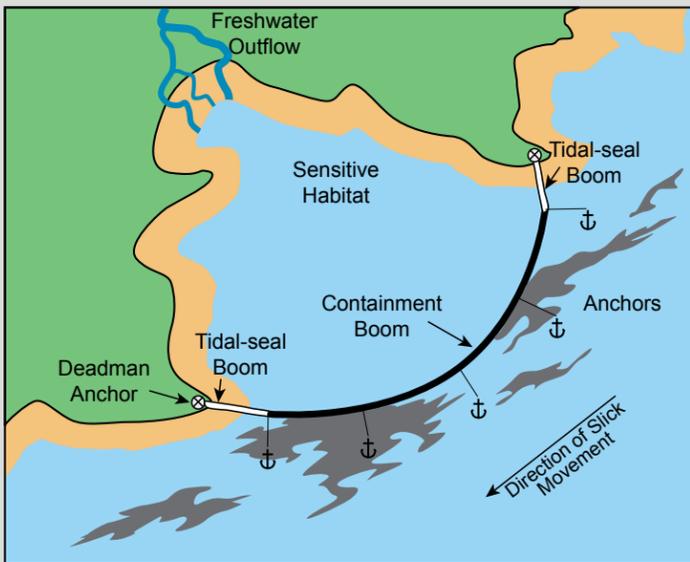
Stuart Island, NWA-S53

Center of map at 63° 34.38' N Lat., 162° 28.14' W Lon.

Geographic Response Strategies for Northwest Arctic Subarea, Southern Zone



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

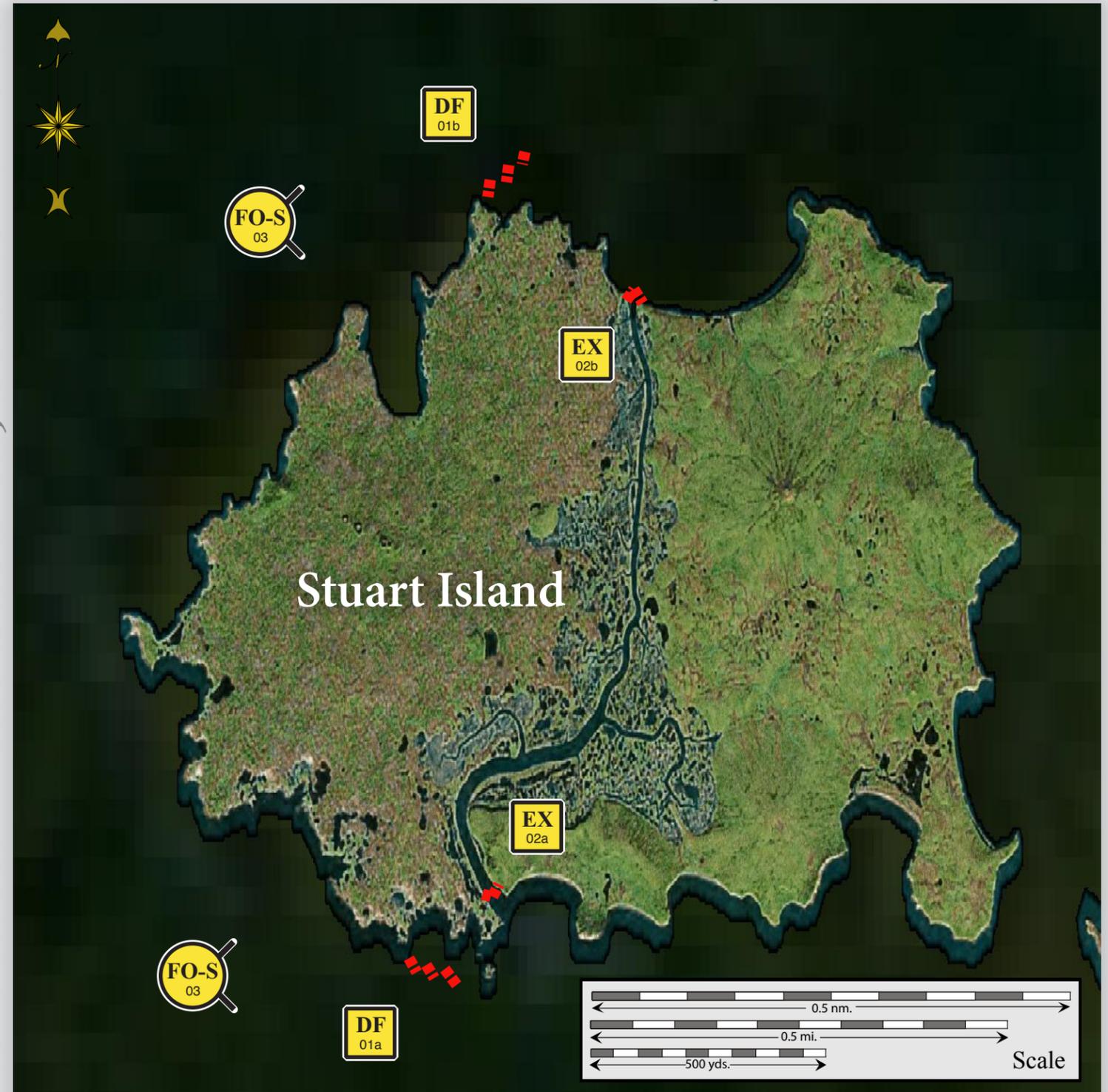


An example of the *Exclusion Booming Tactic*. Actual deployment should be adjusted for local conditions.

Map Legend

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

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



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-53-01 DF	Stuart Island a. Lat. 63° 32.14 N Lon. 162°36.13 W b. Lat. 63° 38.09 N Lon. 162°34.19 W	Deflection Deflect oil coming towards Stuart Island into the channel for free-oil recovery.	Deploy boom and anchor system with skiffs (class 6). Position in a cascaded fashion 3 x 600 ft. of protected-water boom at a proper angle to deflect oil from impacting Stuart Island. Tend throughout the tide.	Deployment Equipment 1800 ft. protected-water boom 9 ea. anchor systems Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 5 ea. vessel crew 2 ea. response techs Tending Vessels 1 ea. class 6 Personnel/Shift 2 ea. vessel crew 1 ea. response techs	Vessel Platform	Via marine waters Chart 16240	Fish: intertidal herring spawning Birds: waterfowl concentration, seabird nesting, Critical Habitat Habitat: exposed rocky shore, marsh, sheltered tidal flats, tundra cliffs Human use: commercial fishing, subsistence	Vessel master should have local knowledge. Consult the ADEC “Spill Tactics for Alaska Responders” manual for additional information on the deployment of these tactics. Consult the Site Selection Matrix for the Cultural Resources Designation. Surveyed: not yet Tested: not yet
S-53-02 EX	Stuart Island a. Lat. 63° 32.42 N Lon. 162°33.31 W b. Lat. 63° 37.22 N Lon. 162°30.27 W	Exclusion Exclude oil from entering the channels of the streams on Stuart Island. If the oil is not threatening impact in this area, do not deploy.	Deploy anchors and boom with skiffs (class 6). For (a) place 800 ft. of protected-water boom in a chevron pattern in front of the entrance to the channel. Repeat for (b) with 700 ft. of boom. If the sea state does not allow this deployment, move to inside the entrance until the boom is able to hold. Tend throughout the tide. <u>Boom Lengths:</u> a. 800 ft. b. 700 ft.	Deployment Equipment 1500 ft. snare line or sorbent boom 8 ea. anchor systems 8 ea. anchor stakes Vessels/Personnel/Shift Same as S-53-01 Tending Vessels/Personnel/Shift Same as S-53-01	Vessel platform	Via marine waters Chart 16240	Same as S-53-01	Vessel master should have local knowledge.
S-53-03 FO-S	Stuart Island Nearshore waters in the general area of: Lat. 63° 31.58 N Lon. 162°40.15 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment around Stuart Island depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Stuart Island. 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.	7 nm to Stebbins	Via marine waters Chart 16240	Same as S-53-01	Vessel master should have local knowledge. 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.