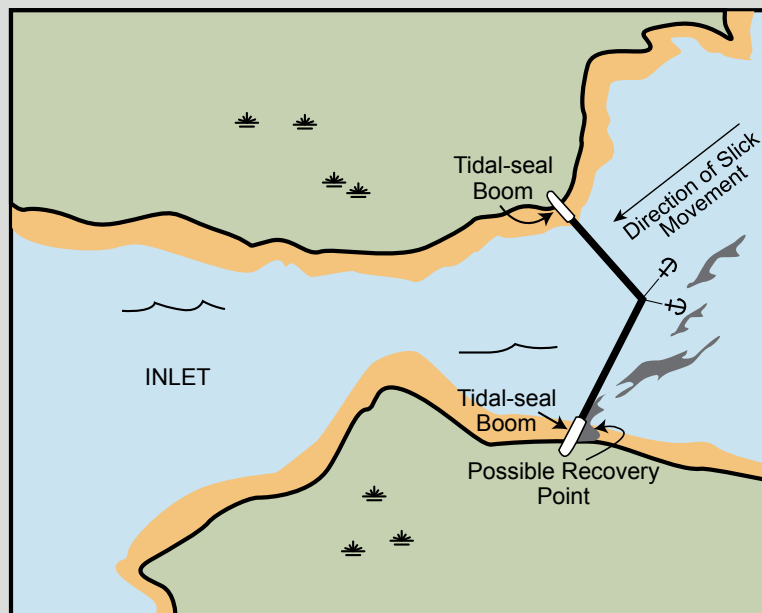
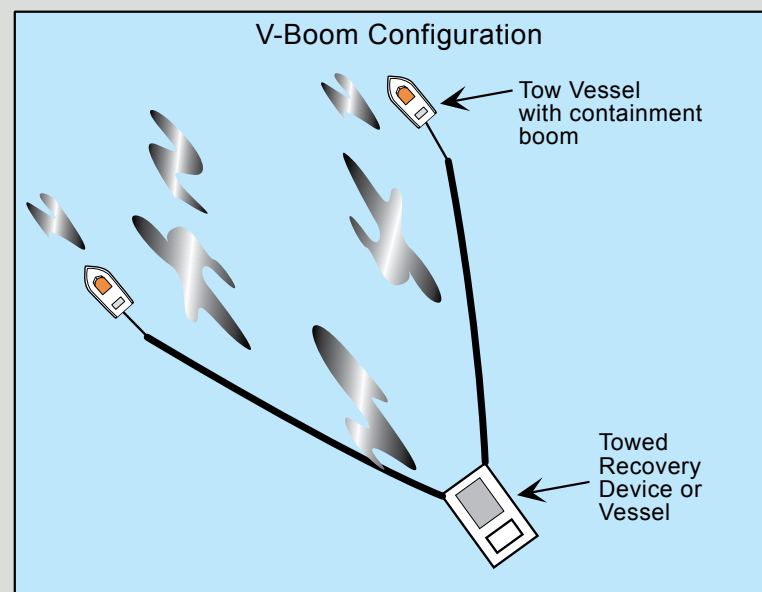
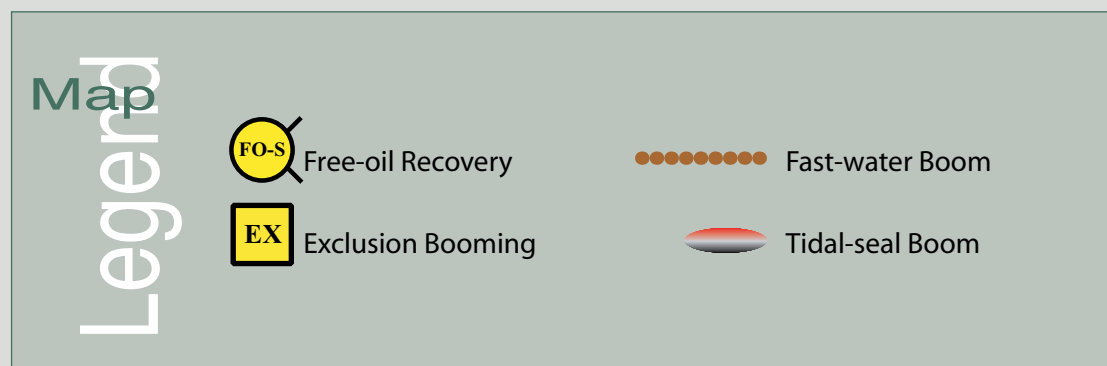




An example of the *Exclusion Booming Tactic*. Actual deployment should be adjusted for local conditions.



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

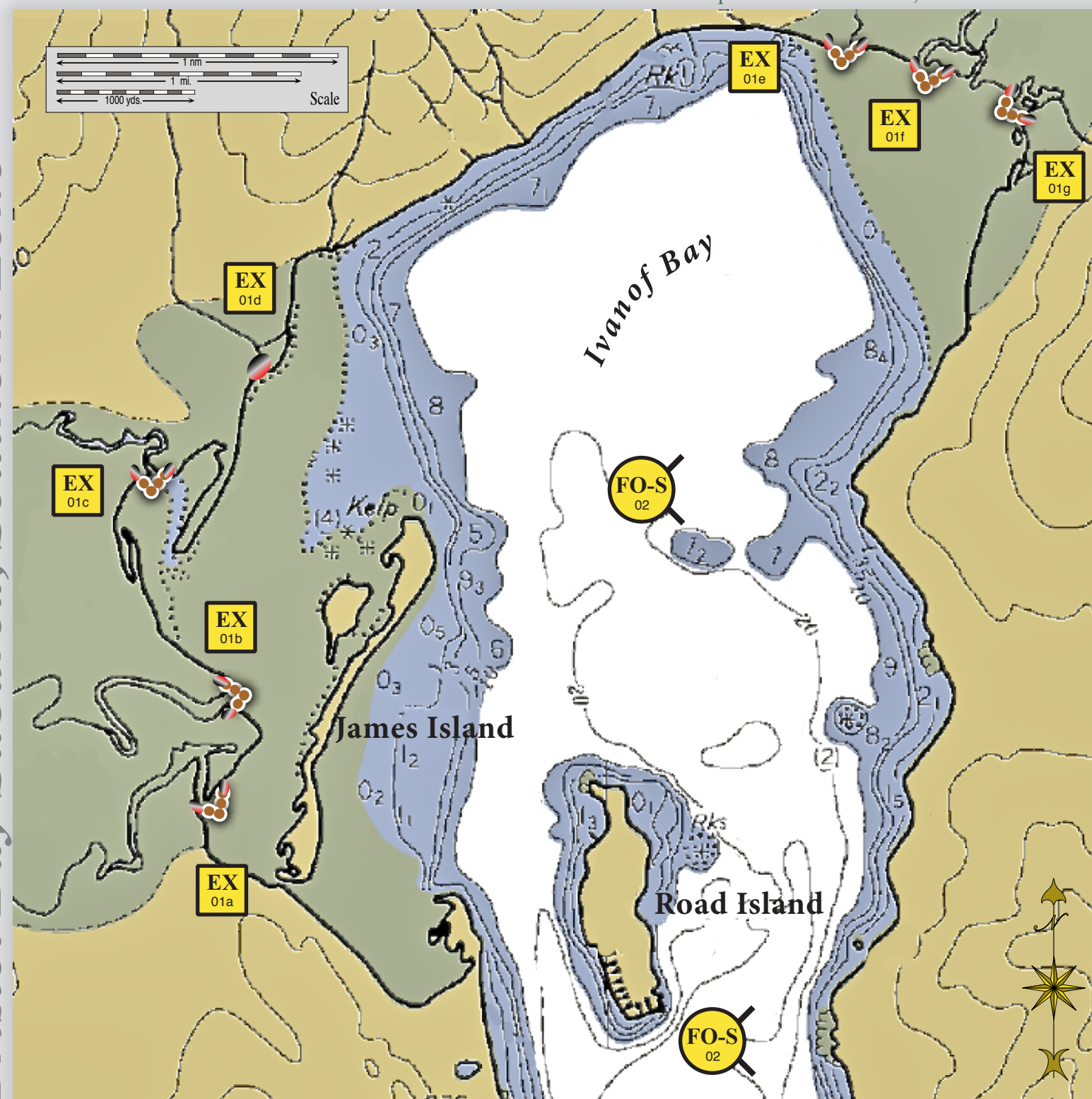


Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

Geographic Response Strategies for Bristol Bay Subarea, Southern Zone

Ivanof Bay, BB-S01

Center of map at 55° 51.73' N Lat., 159° 30.38' 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-01-01 EX	Ivanof Bay a. Lat. 55° 51.32’N Lon. 159°52.58’W b. Lat. 55° 51.64’N Lon. 159°32.44’W c. Lat. 55° 52.46’N Lon. 159°32.94’W d. Lat. 55° 52.69’N Lon. 159°32.32’W e. Lat. 55° 53.95’N Lon. 159°28.22’W f. Lat. 55° 53.86’N Lon. 159°27.63’W g. Lat. 55° 53.77’N Lon. 159°27.31’W	Exclusion Exclude oil from impacting the streams in Ivanof Bay. (Sorbent boom may provide adequate protection on the smaller creeks)	Deploy anchors and boom with skiffs (class 6) at high tide. Place fast-water boom in a chevron pattern in front of the entrance to the river. Complete the array by placing 60 ft. of tidal seal boom on each leg. Tend throughout the tide. Boom Length: a. 300 ft b. 300 ft c. 300 ft d. 100 ft tidal seal e. 150 ft f. 250 ft g. 350 ft	Deployment Equipment 1650 ft. fast-water boom 820 ft. tidal seal boom 12 ea. anchor systems 24 ea. anchor stakes 1 ea. shore-side recovery systems Vessels 3 ea. class 6 Personnel/Shift 9 ea. vessel crew/general techs Tending Vessels 2 ea. class 6 Personnel/Shift 4 ea. vessel crew/general techs	Ivanof Bay	Via marine waters Chart 16556	Fish- intertidal spawning- salmon (June-Sept.) Birds-waterfowl, seabird and shorebird nesting Marine mammals – sea otters Habitat- exposed rocky shore, marsh, exposed tidal flats Human use-subsistence, commercial fishing	Vessel master should have local knowledge. Title 41 permitting required from ADNRP. THREATENED OR ENDANGERED SPECIES/HABITAT POSSIBLE. Discuss with DOI prior to on-site operations. The community of Ivanof Bay may provide support. A large population of bears are in this area. Bear guard required. Surveyed: not yet Tested: not yet
S-01-02 FO-S	Ivanof Bay Nearshore waters in the general area of: Lat. 55° 51.73’N Lon. 159°30.38’W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Ivanof Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Ivanof 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.	Ivanof Bay	Via marine waters Chart 16556	Same as S-02-01	Vessel master should have local knowledge. Use extreme caution, shallow waters with shifting channels and bars.