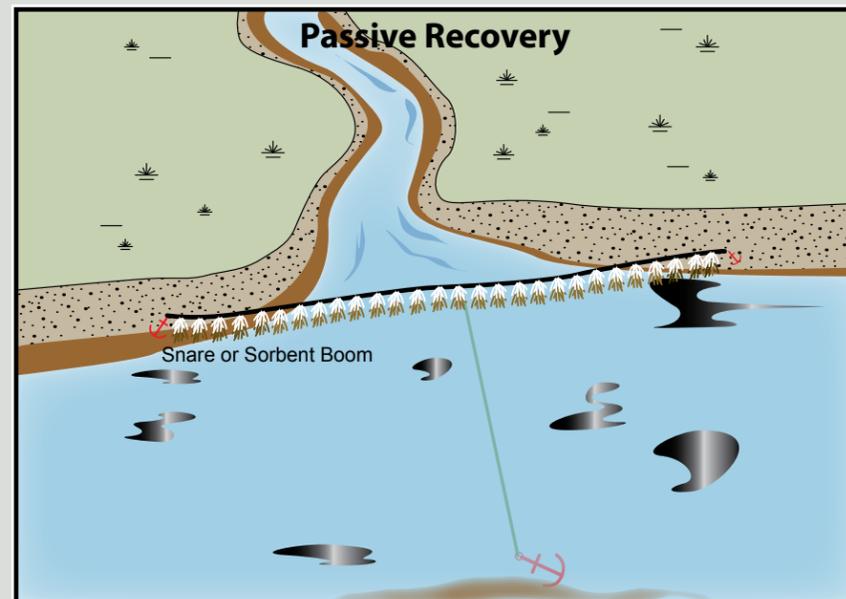
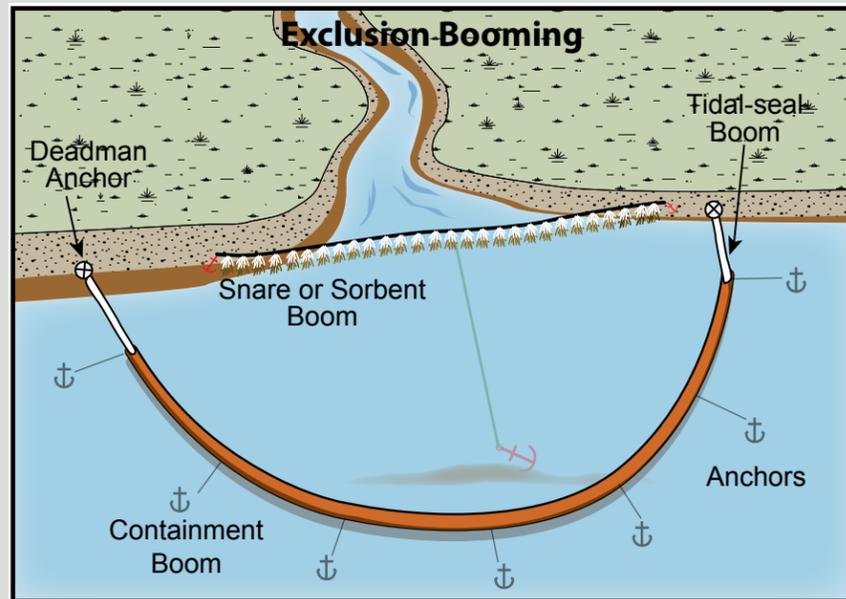


Abraham Bay, AWB-04

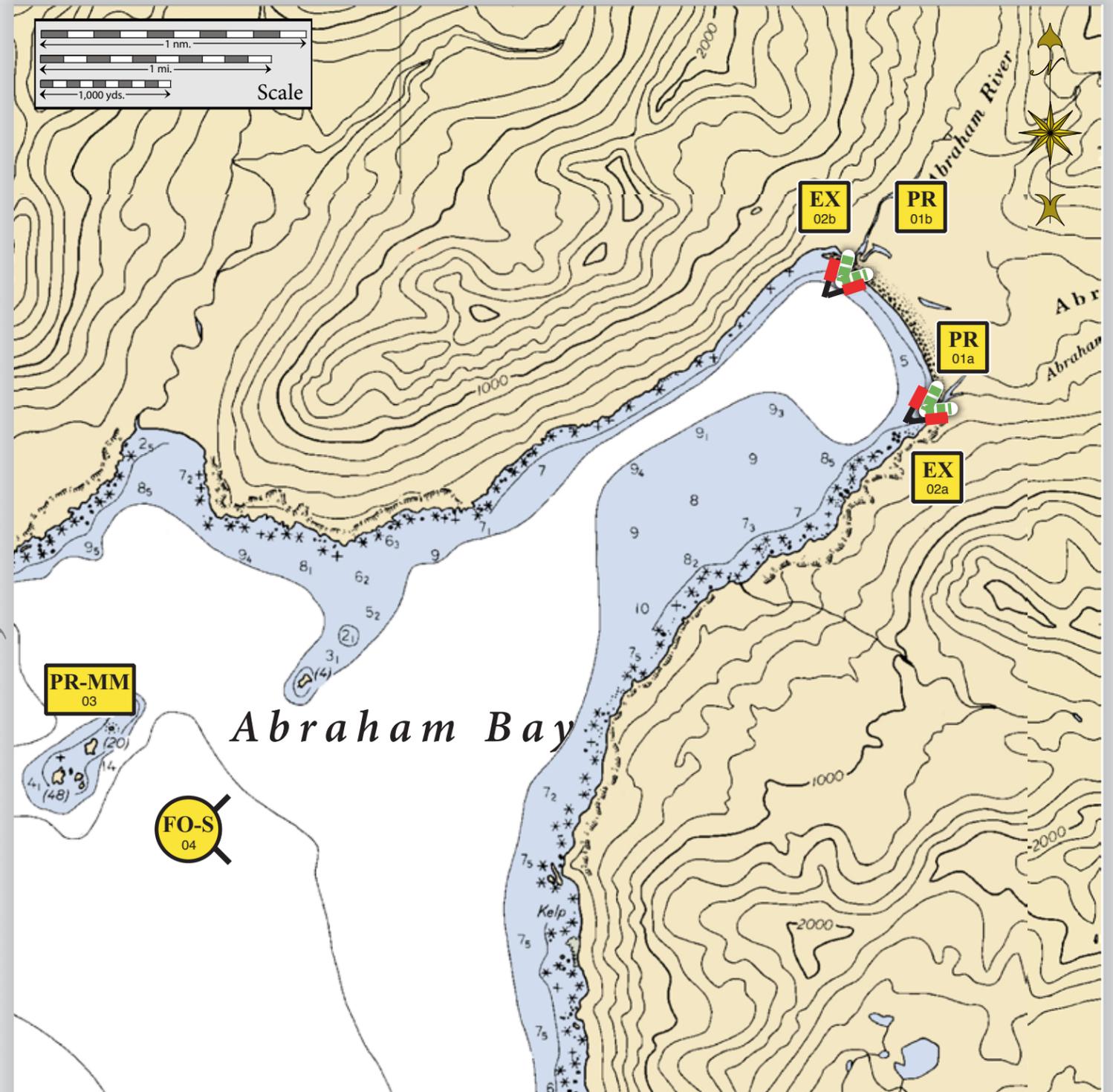
Center of map at 52° 50.48' N Lat., 172° 42.42' W Lon.

Geographic Response Strategies for Aleutian Subarea, West B Zone



Map
Legend

- Free-oil Recovery
- Exclusion Booming
- Passive Recovery
- Fast-water/Harbor Boom
- Snare or Sorbent Boom



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
AWB-04-01 PR	Abraham Bay a. Lat. 52° 52.967'N Lon. 172° 47.885'E b. Lat. 52° 53.475'N Lon. 172° 47.293'E	Passive Recovery Use passive recovery for rapid deployment prior to oil impacts and the arrival of hard boom. Place passive recovery boom across the entrance to the salmon streams in Abraham Bay. Move the boom to maximize the protection of the salmon streams.	If oil impacts are expected prior to the deployment of other tactics, place and anchor snare line or sorbent boom across the identified creek mouths. Passive recovery boom may be deployed behind the fast-water boom. Move to arrays further back into the streams if the sea state precludes deployment. Replace as necessary to maximize the recovery.	Deployment Equipment 300 ft. snare line or sorbent boom 2 ea. small anchor systems 8 ea. anchor stakes Vessels/Personnel/Shift Same as AWB-04-02 Tending Vessels/Personnel/Shift Same as AWB-04-02	Vessel Platform	Via marine waters Chart 16430	Same as AWB-04-02	Vessel master should have local knowledge. Title 16 permitting required from ADFG. Title 41 permitting required from ADNR
AWB-04-02 EX	Abraham Bay a. Lat. 52° 52.967'N Lon. 172° 47.885'E b. Lat. 52° 53.475'N Lon. 172° 47.293'E	Exclusion Exclude oil from impacting the salmon streams in Abraham Bay.	Deploy anchors and boom with skiffs (class 6). Exclude the entrance to the streams with fast-water/harbor boom. Place the boom in a chevron pattern extending into the ocean. If the sea state precludes this is strategy, deploy further back in the stream. Tend throughout the tide. <u>Boom Lengths:</u> Abraham River a. 150 ft. Little Abraham River b. 150 ft.	Deployment Equipment 300 ft. fast-water/harbor boom 2 ea. small anchor systems 8 ea. anchor stakes Vessels 1 ea. class 3 2 ea. class 6 Personnel/Shift 4 ea. vessel crew Tending Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 4 ea. vessel crew	Vessel Platform	Via marine waters Chart 16430	Marine mammals: sea otter, seal Fish: pink salmon, dolly varden Birds: seabird nesting Habitat: exposed rocky shore, gravel beach	Vessel master should have local knowledge. Fast-water boom is specified for logistical consideration. Larger boom maybe used if available. Site Survey- Not surveyed Tested- Not yet
AWB-04-03 PR-MM	Abraham Bay Actual location of this protection strategy will depend on field assessment at the time of deployment. In the general area of: Lat. 52° 51.87'N Lon. 172° 43.32'E	Passive Recovery-MM Minimize impact to marine mammal haulouts. Deploy after consulting with NMFS.	Broadcast sorbent material on haulout immediately prior to or after oil spill impact. Monitor after each high tide and replace as necessary. Minimize disturbance of marine mammals.	Deployment Equipment Broadcast sorbent materials 1 ea. broadcasting system Vessels/Personnel/Shift Same as AWB-04-02 Tending Vessels/Personnel/Shift Same as AWB-04-02	Vessel platform	Via marine waters Chart 16430	Same as AWB-04-02	Consult with the National Marine Fisheries Service prior to implementing this tactic.
AWB-04-04 FO-S	Abraham Bay Nearshore waters in the general area of: Lat. 52° 51.777'N Lon. 172° 44.512'E	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Abraham Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Abraham 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.	Adak- 426 nm	Via marine waters Chart 16430	Same as AWB-04-02	Vessel master should have local knowledge.