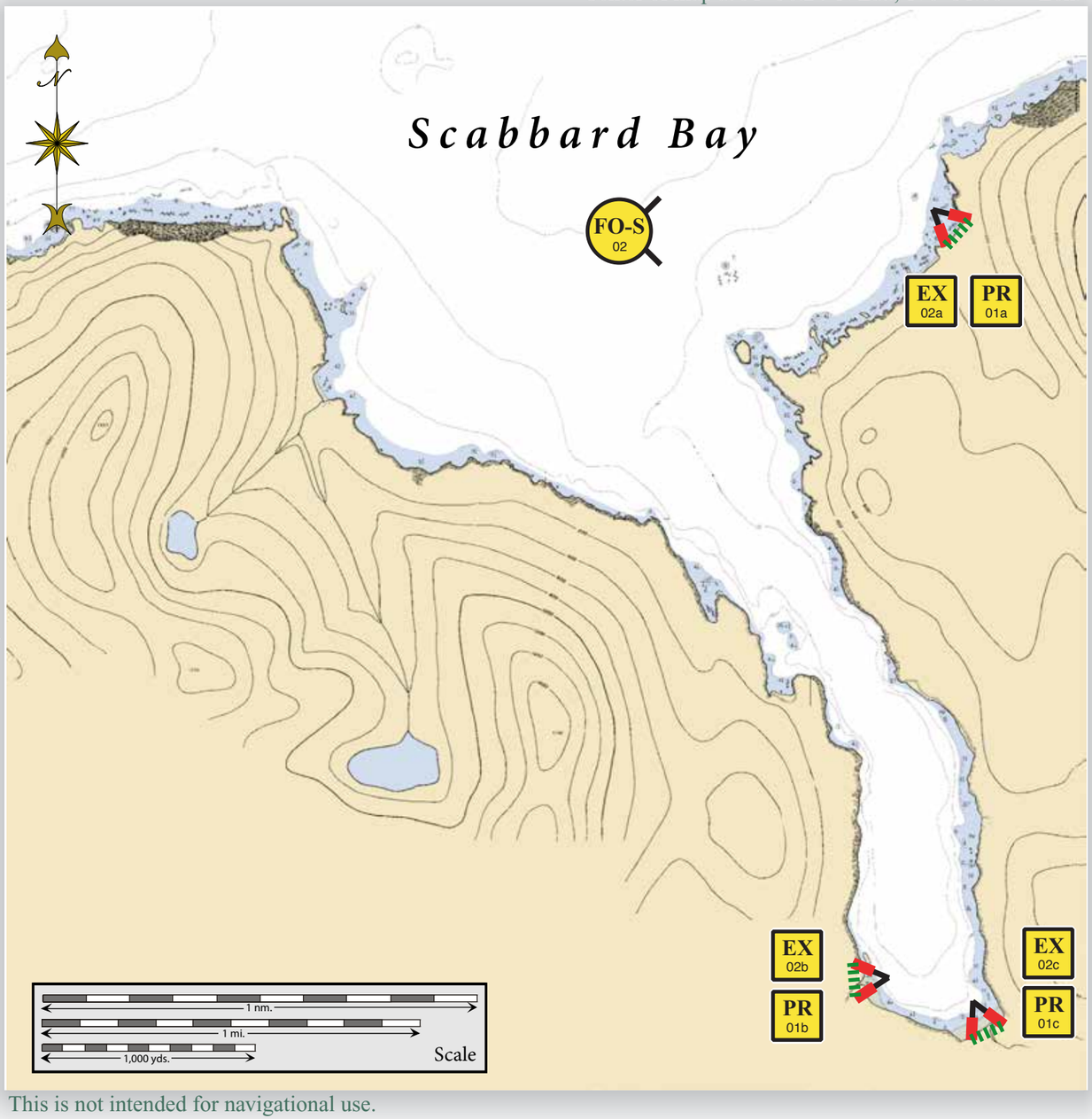
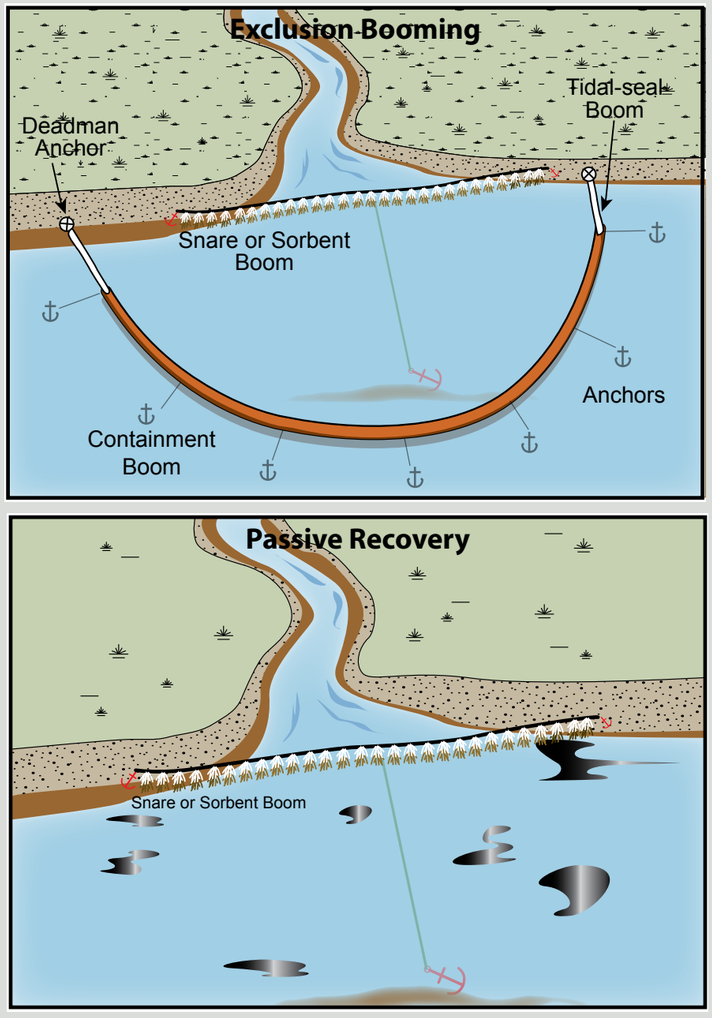
Geographic Response Strategies for Aleutian Subarea, West Area Zone

Scabbard Bay, AWA-14

Center of map at 51° 50.24' N Lat., 176° 31.68' W Lon.



This is not intended for navigational use.



Map Legend

- FO-S — Free-oil Recovery
- EX — Exclusion Booming
- PR — Passive Recovery
- Fast-water/Harbor Boom
- Snare or Sorbent Boom

March 1, 2015

DRAFT This tactic map is a working draft being used to develop a Geographic Response Strategy at this location. The tactics represented here have not been approved by the Subarea Committee and should not be considered final. If you have questions or comments please contact us by email at contact@nukaresearch.com.

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ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
AWA-14-01 PR	**Scabbard Bay** Same locations as AWA-14-02	**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 Scabbard Bay. Move the boom to maximize the protection of the salmon streams.	Place and anchor snare line or sorbent boom across the identified creek mouths. Move to arrays further back into the streams if the sea state precludes deployment. Replace as necessary to maximize the recovery. ***Boom Lengths:*** Same as AWA-14-02	**Deployment** **Equipment** 350 ft. snare line or sorbent boom 3 ea. small anchor systems 12 ea. anchor stakes **Vessels/Personnel/Shift** Same as AWA-14-02 **Tending** **Vessels/Personnel/Shift** Same as AWA-14-02	Vessel Platform	Via marine waters Chart 16475	Same as AWA-14-02	Vessel master should have local knowledge. Title 16 permitting required from ADFG. Title 41 permitting required from ADNR
AWA-14-02 EX	**Scabbard Bay** a. Lat. 51° 50.598'N Lon. 176° 30.486'W b. Lat. 51° 48.905'N Lon. 176° 30.795'W c. Lat. 51° 48.803'N Lon. 176° 30.318'W	**Exclusion** Exclude oil from impacting Scabbard Bay.	Deploy anchors and boom with skiffs (class 6). Exclude the entrance to the streams with fast-water/calm-water boom. Place the boom in front of passive recovery boom in a chevron pattern extending into the ocean. If the sea state precludes this location, deploy further back in the stream. Tend throughout the tide. ***Boom Lengths:*** a. 100 ft. b. 100 ft. c. 150 ft.	**Deployment** **Equipment** 350 ft. fast-water/calm-water boom 3 ea. small anchor systems 12 ea. anchor stakes **Vessels** 1 ea. class 3 2 ea. class 6 **Personnel/Shift** 4 ea. vessel crew **Tending** **Vessels** 2 ea. class 6 **Personnel/Shift** 4 ea. vessel crew	Vessel Platform	Via marine waters Chart 16475	Marine mammals- sea otter Fish – chum salmon, coho salmon, pink salmon, sockeye salmon Birds-waterfowl concentrations Habitat- exposed rocky shoreline, gravel beaches	Vessel master should have local knowledge. Site Survey- 7/22/15 Tested- Not yet
AWA-14-03 FO-S	**Scabbard Bay** Nearshore waters in the general area of: Lat. 51° 50.542'N Lon. 176° 31.865'W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Scabbard Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Scabbard 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- 5.5 nm	Via marine waters Chart 16475	Same as AWA-14-02	Vessel master should have local knowledge.

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_al.htm.