Map & Photo Legend

Anderson Bay viewed from the north.

FO-P	Free-oil Containment and Recovery, Protected Water
EX	Exclusion Booming
PR	Passive Recovery
	Protected-water Boom
	Snare Line

Cannery and Portage Bays viewed from the west.

Portage Bay, EX-02c viewed from the west.

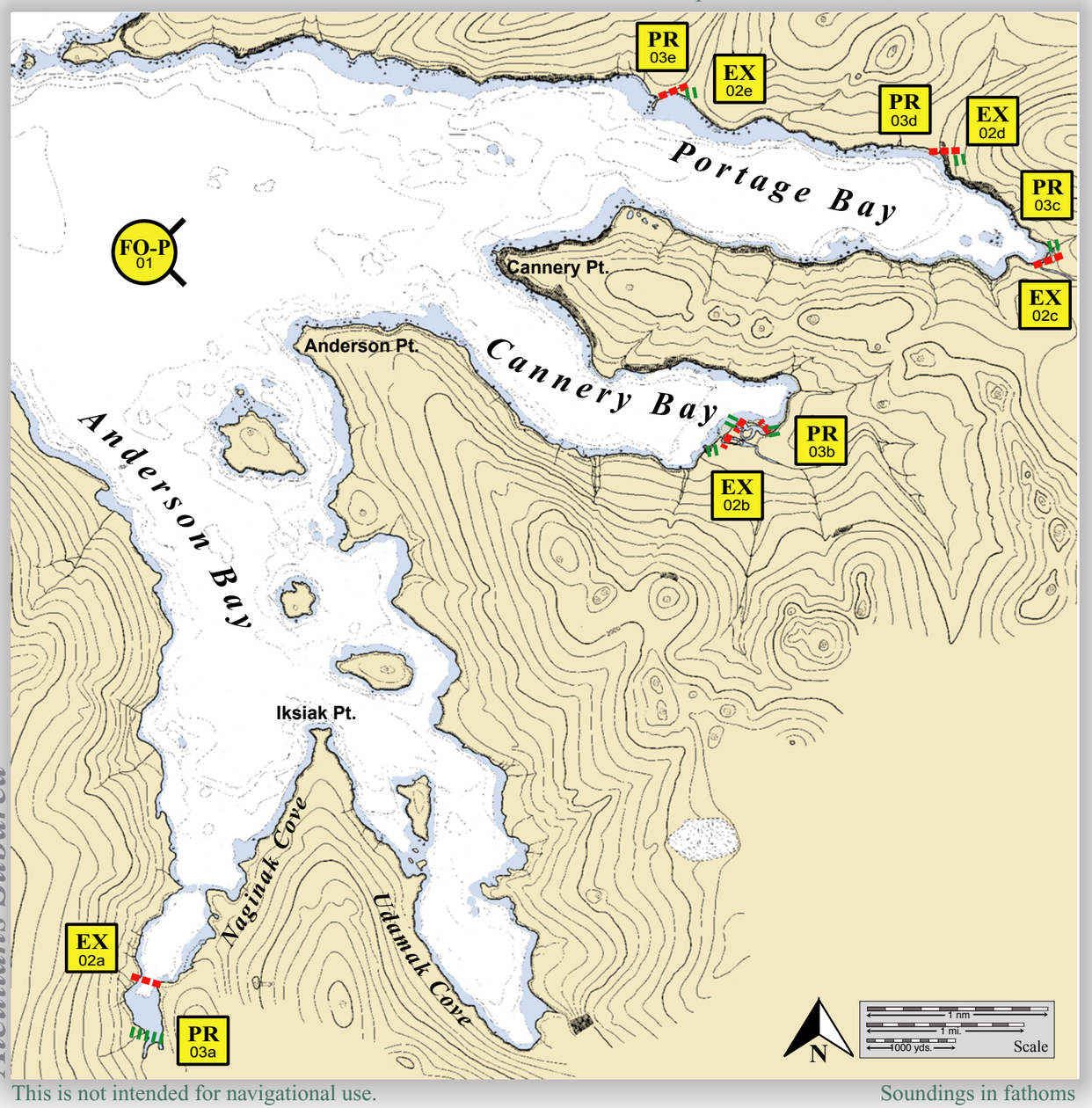
EX-02d viewed from the south.

Cannery Bay stream, EX-02b viewed from the north.

Geographic Response Strategies for Aleutians Subarea

Head of Makushin Bay- Selendany Ayu Deployment, AEB-10

Center of map at 53° 44.10' N Lat., 166° 51.45' W Lon.



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
AEB-10-01 FO-P	**Head of Makushin Bay** Nearshore waters in the general area of: Lat. 53º 43.0 N Lon. 166º49.2 W	**Free-oil Recovery Protected Water** Maximize free-oil recovery in the offshore & nearshore environment of Head of Makushin Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Head of Makushin 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.	Vessel platform.	Via marine waters Chart 16517-1	Same as AEB-10-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
AEB-10-02 EX	**Head of Makushin Bay** Locations: Naginak Cove a. Lat. 53º 37.95 N Lon. 166º51.70 W Cannery Bay b. Lat. 53º 41.76 N Lon. 166º44.87 W Portage Bay c. Lat. 53º 42.87 N Lon. 166º41.46 W d. Lat. 53º 43.57 N Lon. 166º42.64 W e. Lat. 53º 44.01 N Lon. 166º45.67 W	**Exclusion** Exclude oil from impacting the identified streams and intertidal areas in the Coves and Bays at the Head of Makushin Bay.	Deploy anchors and boom with skiffs (class 6) at high tide. For boom (a), place a 1400 ft. section of protected- boom across the stream at a 45º angle in the back of Naginak Cove. For (b) place a 3 100 ft. sections of boom across the braided stream openings. For (c),(d)&(e) place the specified amount of boom at a 45º angle behind the storm berms. Tend throughout the tide. Boom Lengths: a. 1400 ft. b. 3 x 100 ft. c. 300 ft. d. 300 ft. e. 100 ft.	**Deployment** **Equipment** 2400 ft. protected-water boom 10 ea. small anchor systems 28 ea. anchor stakes **Vessels** 1 ea. class 2/3 2 ea. class 6 **Personnel/Shift** 7 ea. vessel crew **Tending** **Vessels** 1 ea. class 2/3 1 ea. class 6 **Personnel/Shift** 3 ea. vessel crew	Vessel platform.	Via marine waters Chart 16517-1	Fish- intertidal spawning- salmon (May-Sept.) Birds- waterfowl concentration-endangered waterfowl present, seabird nesting, shorebird concentrations Marine mammals- seals, otters Human use- commercial fishing Habitat- marsh, sheltered rocky shoreline, exposed rocky shoreline, gravel beach, eel grass	This site was deployed during the Selendang Ayu Oil Spill in 2004-2005 Title 16 permitting required from ADF&G. FOSC Historic Properties Specialist should MONITOR operations. Tested: not yet
AEB-10-03 PR	**Head of Makushin Bay/ Humpback Bay** Stream Locations Naginak Cove a. Lat. 53º 37.95 N Lon. 166º51.70 W Cannery Bay b. Lat. 53º 41.76 N Lon. 166º44.87 W Portage Bay c. Lat. 53º 42.87 N Lon. 166º41.46 W d. Lat. 53º 43.57 N Lon. 166º42.64 W e. Lat. 53º 44.01 N Lon. 166º45.67 W	**Passive Recovery** Place passive recovery boom at each end of the exclusion booms that extend across the stream.	For (a) place 200 ft. a snare line or sorbent boom across the stream. For (b)-(e), once the exclusion booms are deployed, place and anchor 25 ft. snare line or sorbent boom in the upper boom/shore interface. Replace as necessary to maximize the recovery.	**Deployment** **Equipment** 700 ft. snare line or sorbent boom 6 ea. anchor stakes **Vessels/Personnel/Shift** Same as AEB-10-02 **Tending** **Vessels/Personnel/Shift** Same as AEB-10-02	Vessel platform.	Via marine waters Chart 16517-1	Same as AEB-10-02	Vessel master should have local knowledge. Use snare line for persistent oils and sorbent boom for non-persistent oils.