


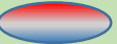



& Map
Photo

Legend



SE05-03-02b: Looking East into Pirate Cove

-  Free Oil Containment and Recovery, Shallow Water
-  Exclusion Boom
-  Protected Water Boom
-  Tidal Seal Boom
-  Marine Recovery

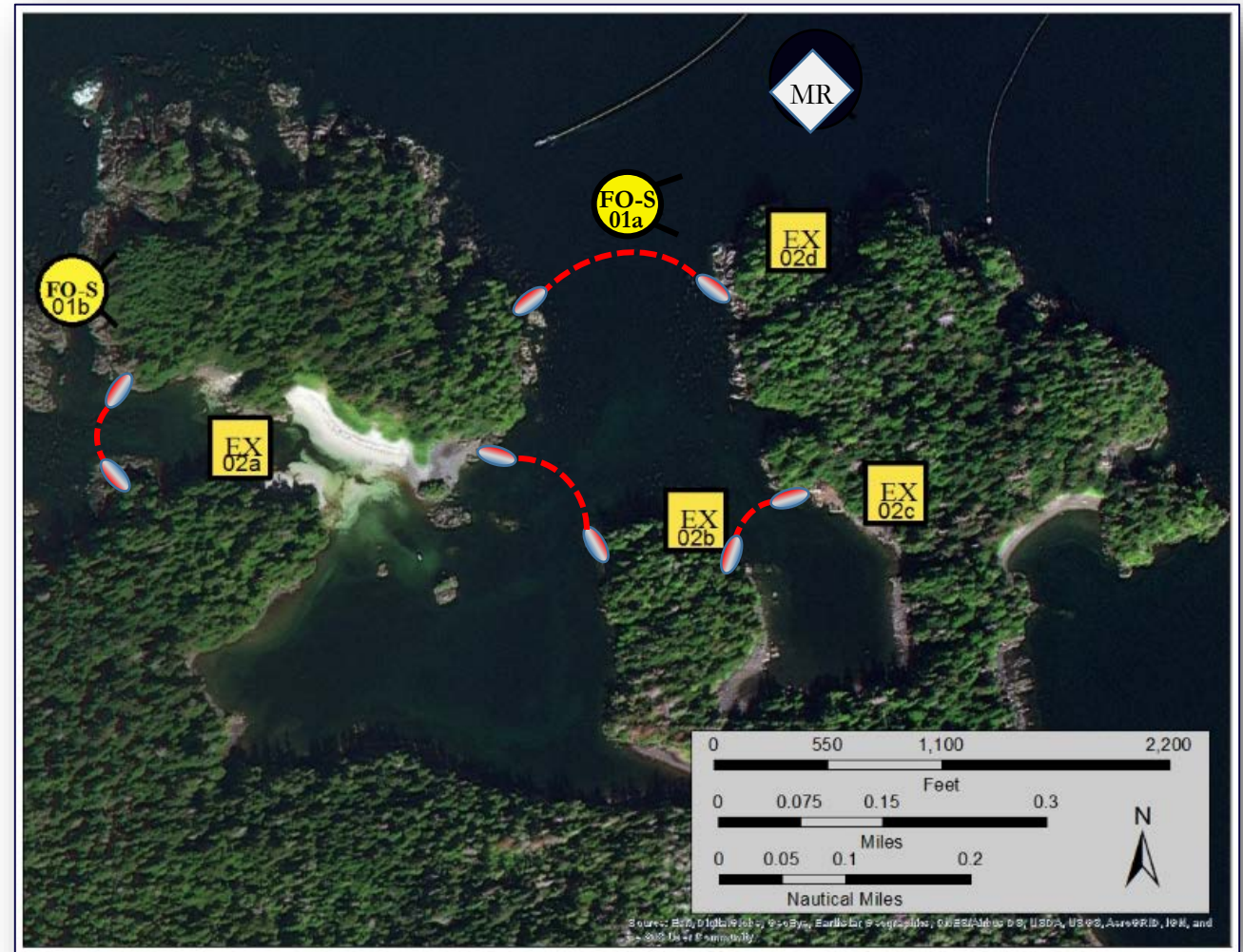


SE05-03-01b: Looking South into Pirate Cove





Geographic Response Strategies for Southeast Alaska

Pirate Cove, SE 05-03



Source: Bathymetry, 9-96; Earthline Geographics; OCS/Alaska DSH, USCG, USFWS, AWC/ERID, JRM, and 2002 Oil Company

Produced by: Tim L. Robertson; June 26, 2003
Updated by: ADEC, 16 Oct 2018

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SE05-03-01 	Pirate Cove Nearshore waters in the general area of: a. Lat. 56° 59.43' N Lon. 135° 22.19' W b. Lat. 56° 59.2' N Lon. 135° 22.8' W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment at the mouth of Pirate Cove and west of Pirate Cove.	Deploy nearshore free-oil recovery strike teams upwind and up current of Pirate Cove. Use aerial surveillance to locate incoming slicks. If needed, skimmer can be operated inside of EX2d.	Deploy multiple free-oil recovery strike teams, as required, to maximize interception of oil before it impacts sensitive areas.	Sitka Harbor / vessel platform.	Via marine waters Chart 17326	Fish-herring spawning. Habitat-kelp and eelgrass beds, sheltered tidal flats, sheltered rocky shore, high intertidal diversity. Human use-high recreational use.	Vessel master should have local knowledge. REPORT any cultural resources found during operations to FOSC Historic Properties Specialist.
SE-05-03-02 	Pirate Cove - Mouth a. Lat. 56° 59.2' N Lon. 135° 22.7' W b. Lat. 56° 59.19' N Lon. 135° 22.3' W c. Lat. 56° 59.21' N Lon. 135° 22.22' W d. Lat. 56° 59.39' N Lon. 135° 22.279' W	Exclusion Exclude oil from entering head of Pirate Cove. Prevent oil from entering the mouth of Pirate Cove.	Use class 3/4 vessels with deck space to transport equipment, class 6 setnet or seine skiffs to deploy boom and set anchors. Place 2150 ft of protected water boom to exclude oil from entering head of Pirate Cove. Boom lengths: a. 150 ft. (tidal seal) b. 500 ft. c. 500 ft. d. 1,000 ft. Place marine recovery unit on skimmer at apex of EX02b and EX02c. When EX02d is deployed, skimmer may be inside or outside of boom, or not deployed at all. EX02d: West shore anchor point should be to the tree at the head of the prominent natural slot in the rock. Approximate location of the tree is 56° 59.2716'N, 135° 22.405'W. East shore anchor point is 56° 59.2849'N 135° 22.1934'W. * Continued in "Special Considerations" column.	Deployment: Equipment 2,150 ft. protected-water boom 1 ea. T-connector for boom 2 ea. 50 ft. tidal seal boom 2 ea. anchor systems (~40 lbs.) for water depth to 130 ft. 8 ea. anchor systems (min. 22 lbs) for water depths to 100 ft. 2 ea. Maasdam rope puller with 2 ea. 100 ft., 1/2" dia rope 8 ea. Anchor stakes 2 ea. Tree Saver strap Vessels 2 ea. Class 3/4 2 ea. Class 6 Personnel/Shift 10 ea. Vessel crew Tending: Vessels 2 ea. Class 3/4 2 ea. Class 6 Personnel/Shift 5 ea. vessel crew	Sitka Harbor / Vessel platform	Via marine waters Chart 17326	Same as SE05-03-01	Vessel master should have local knowledge. REPORT any cultural resources found during operations to FOSC Historic Properties Specialist. Surveyed: 3/5/03 (SEAPRO, ADEC, TLR) Tested: 3/5/03 (SEAPRO) Tested: 9/13/17 ADEC, USCG, ADF&G: Added EX 2d to boom mouth of outer cove. * EX02d. The configuration could be set with the apex of the boom pointing north or south, based on the current on scene conditions. This way it could be "swung with the tide" to create a collection point on incoming and outgoing tides.