

Map & Photo
Legend



Terminus of Middle Bay, View West

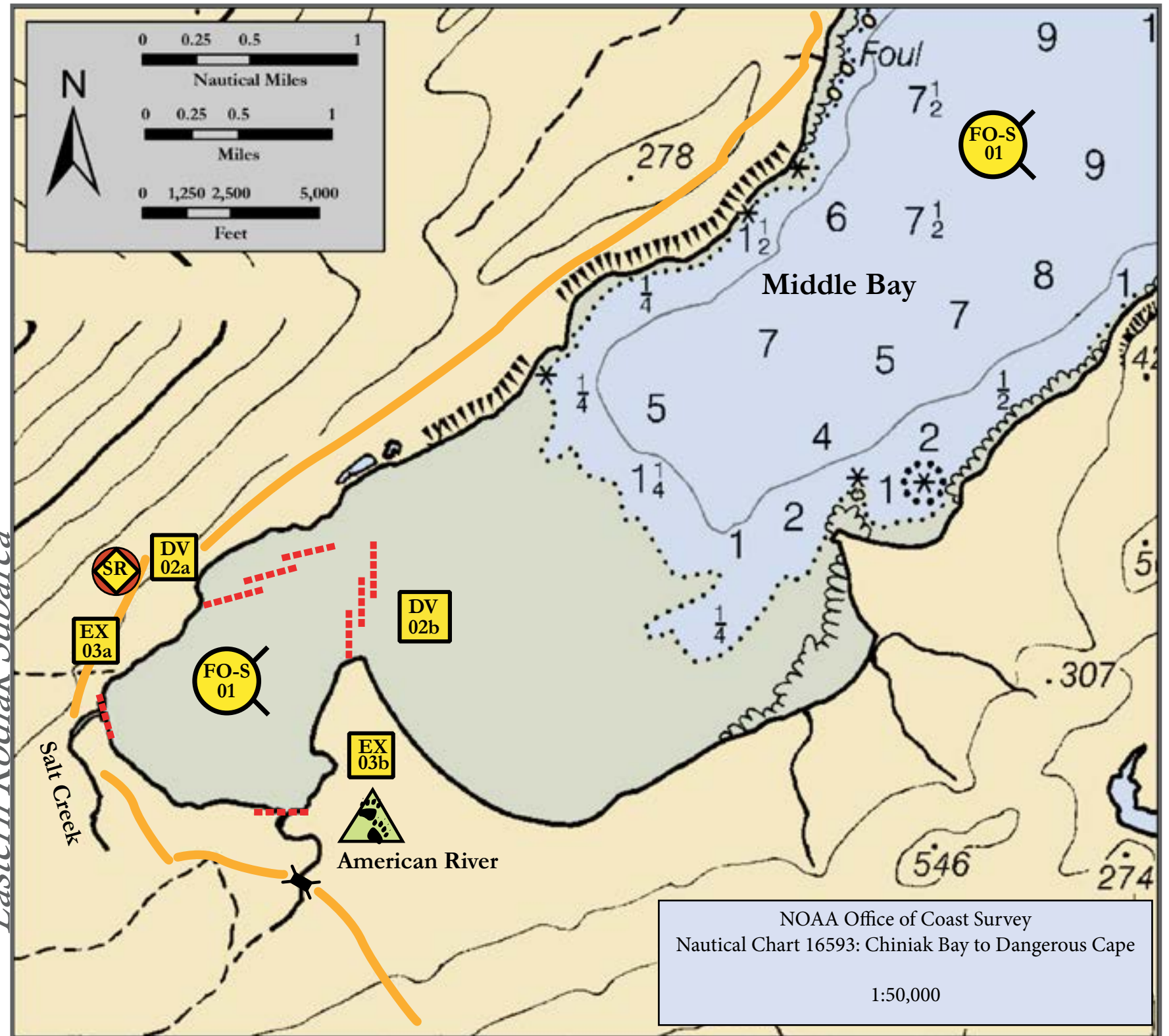
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|--|--|--|-----------------------------------|
| | Free-oil Containment and Recovery, Shallow Water | | Protected-water Boom |
| | Exclusion Booming | | Shoreside Recovery |
| | Diversion Booming | | Bears in Area, Guards Recommended |
| | | | Road |



American River, View West

Middle Bay, KE-72

Geographic Response Strategies for Eastern Kodiak Subarea






NOAA Office of Coast Survey
Nautical Chart 16593: Chiniak Bay to Dangerous Cape
1:50,000

Map is not intended for navigational use.

Latitude 57° 39' 28.3" N
Longitude 152° 29' 4.8" W

Depths in Meters

| ID | Location and Description | Response Strategy | Implementation | Response Resources | Staging Area | Site Access | Resources Protected (months) | Special Considerations |
|--|--|--|--|--|--|---|---|---|
| K-72-01  | Middle Bay Nearshore waters in the general area of: Lat. 57° 39.78 'N Lon. 152° 28.74' W | Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Middle Bay depending on spill location and trajectory. | Deploy free-oil recovery strike teams upwind and up current of Middle 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 the sensitive areas in Middle Bay. | Vessel Platform | Via marine waters Chart 16593-1 | Same as K-72-02 | Vessel master should have local knowledge. Use extreme caution, shoal waters and extensive commercial vessel traffic. |
| K-72-02  | Middle Bay a. Lat. 57° 39.70' N Lon. 152° 29.96' W b. Lat. 57° 39.1' N Lon. 152° 30.41' W | Divert and Collect Divert oil to shore-side collection points determined by spill source and trajectory | Access the site via the Chiniak Highway. Deploy anchors and boom with skiffs (class 6). Place 3 x 300 ft. sections of protected water boom in cascaded arrays at proper angle to divert incoming oil to the shoreside collection site. Set up collection sites and tend throughout the tide. | Deployment Equipment 900 ft. protected-water boom 9 ea. small anchor systems 2 ea. anchor stakes 1 ea. shoreside collection system Vessels 1 ea. ATV w/ trailer 1 ea. raft Personnel/Shift 4 ea. vessel crew/general tech Tending Vessels 1 ea. class 6 Personnel/Shift 3 ea. vessel crew/general tech | Vessel Platform Staging area is accessible by road. | Via Chiniak Highway. Chart 16593-1 | Fish- intertidal spawning-salmon (May-Sept.), herring (April-May) Birds-waterfowl concentration, seabird nesting Marine mammals- seals, otters Habitat- marsh, sheltered rocky shoreline, gravel beaches | Contact Lesnoi Inc. (907) 222-6900 for access to surrounding property. Vessel master should have local knowledge. Take appropriate measures as outlined in the STARR Manual to protect the beach at the shoreside collection site. A large population of bears are in the area. A bear guard is required. Site surveyed: 4/28/16. Tested: not yet. |
| K-72-03  | Middle Bay Stream Salt Creek a. Lat. 57° 39.10' N Lon. 152° 31.17' W American River b. Lat. 57° 38.95 'N Lon. 152° 30.70' W | Exclusion Exclude oil from entering the streams and intertidal area at the streams in Middle Bay | Transport the boom to the sites via the Chiniak Highway. The arrays can be deployed using a small raft to set anchor for each array. At high-tide, place the protected-water boom across the stream mouth at sufficient angle to provide exclusion of incoming oil. 03a, Salt Creek should be placed along the road not the delta. Should exclude at riprap along road near bridge, ~135 feet across. Tend throughout the tide. Boom Lengths: a. 150 ft. b. 250 ft. | Deployment Equipment 400 ft. protected-water boom 2 ea. small anchor systems 8 ea. anchor stakes Vessels/Personnel/Shift Same as K-72-02 Tending Vessels/Personnel/Shift Same as K-72-02 | Salt Creek K-72-03a. Road Accessible Lat. 57° 39' 38.6" N Lon. 152° 23' 10.92" W American River K-72-03b. Vessel Platform | Via Chiniak Highway. Chart 16593-1 | Same as K-72-02 | Vessel master should have local knowledge. Tides and storm surges reach Salt Creek's road bridge. Deploy exclusion boom near riprap Salt Creek= 2' deep, 135' across at the road. |