

# Map & Photo Legend



The back of Middle Bay viewed from the east.

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

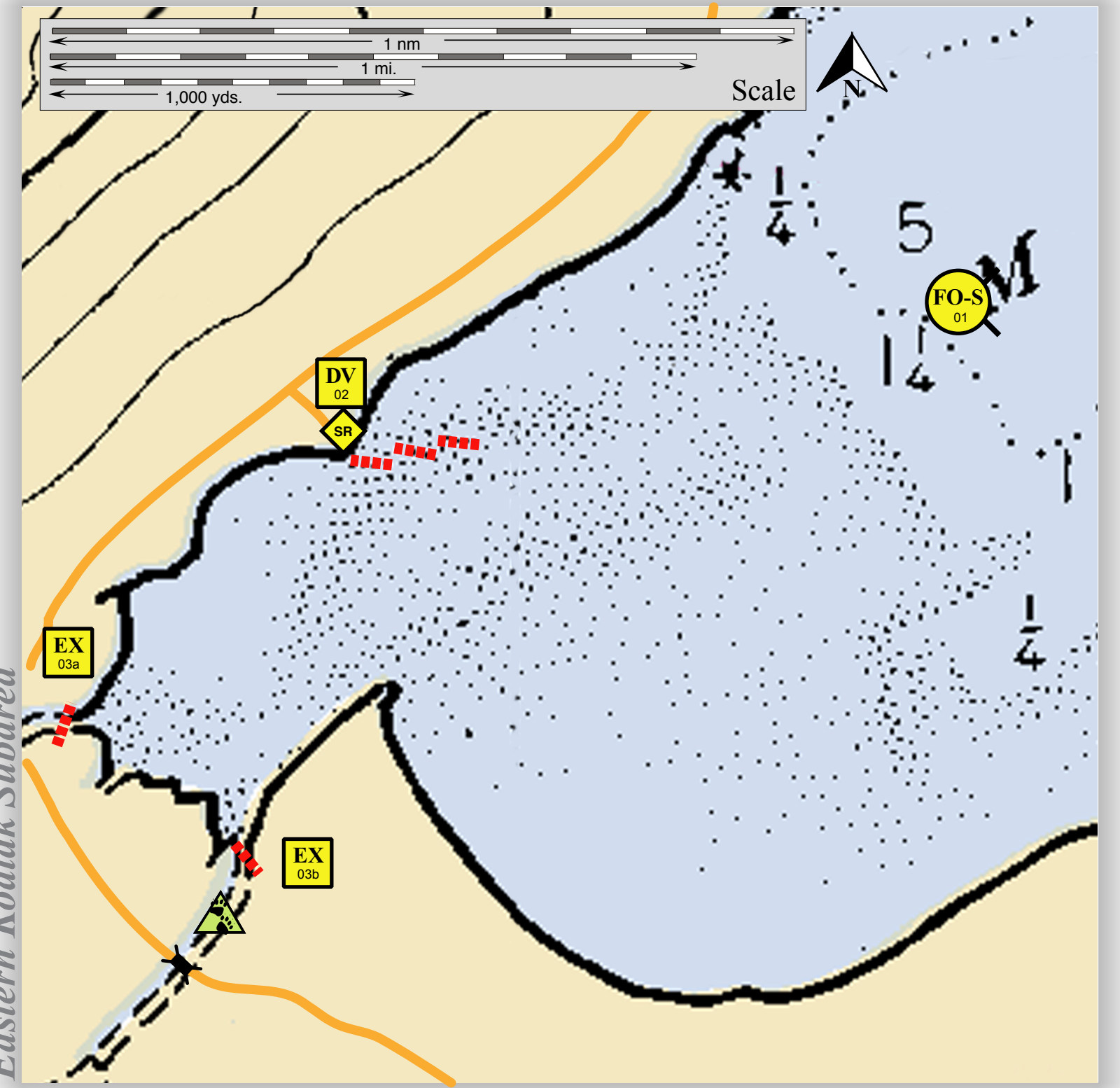


American River in Middle Bay viewed from the east.

## Geographic Response Strategies for Eastern Kodiak Subarea




# Middle Bay, K-72

Center of map at 57° 46.2' N Lat., 152° 26.7' 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
K-72-01 	<b>Middle Bay</b> Nearshore waters in the general area of:  Lat. 57°39.78'N Lon. 152°28.74'W	<b>Free-oil Recovery</b> 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 	<b>Middle Bay</b> Lat. 57°39.70'N Lon. 152°29.96'W	<b>Divert and Collect</b> 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.	<b>Deployment</b> <b>Equipment</b> 900 ft. protected-water boom 9 ea. small anchor systems 2 ea. anchor stakes 1 ea. shoreside collection system <b>Vessels</b> 1 ea. ATV w/ trailer 1 ea. raft <b>Personnel/Shift</b> 4 ea. vessel crew/general tech <b>Tending</b> <b>Vessels</b> 1 ea. class 6 <b>Personnel/Shift</b> 3 ea. vessel crew/general tech	Vessel Platform	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	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: 5/19/08.  Tested: not yet.
K-72-03 	<b>Middle Bay Stream</b> a. Lat. 57°39.10'N Lon. 152°31.17'W  b. Lat. 57°38.95'N Lon. 152°30.70'W	<b>Exclusion</b> 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.  Tend throughout the tide.  <u>Boom Lengths:</u> a. 150 ft. b. 250 ft.	<b>Deployment</b> <b>Equipment</b> 400 ft. protected-water boom 2 ea. small anchor systems 8 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as K-72-02 <b>Tending</b> <b>Vessels/Personnel/Shift</b> Same as K-72-02	Vessel Platform	Via Chiniak Highway.  Chart 16593-1	Same as K-72-02	Vessel master should have local knowledge.  Tested: not yet.