

Map & Photo Legend



SE05-11 Middle Island looking towards the east.

-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Diversion Booming
-  Protected-water Boom
-  Shoreside Recovery, Marine Access

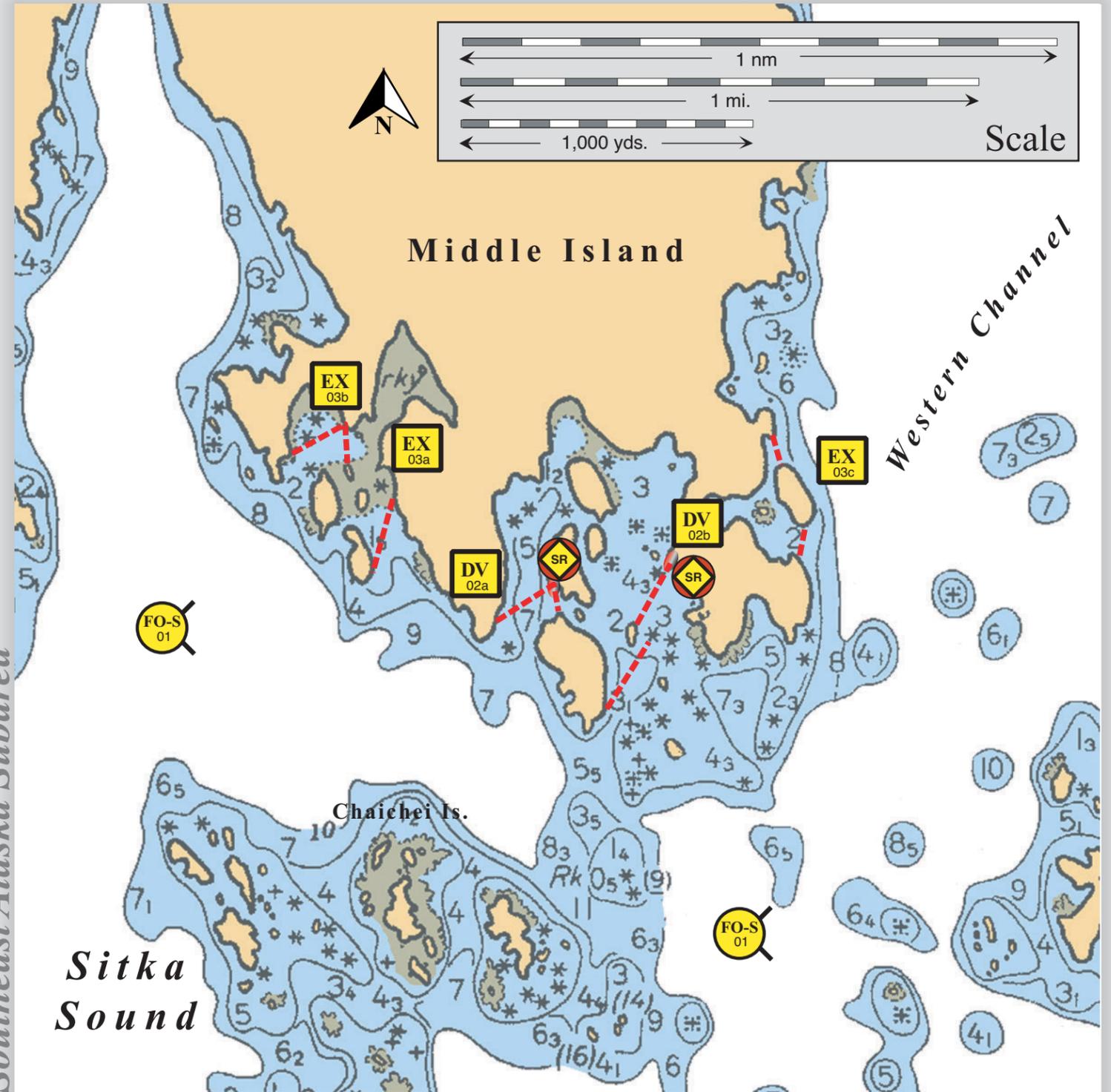


SE05-11 Middle Island looking towards the north.

Middle Island, SE05-11

Center of map at 57° 06.0' N Lat., 135° 27.0' W Lon.

Geographic Response Strategies for Southeast Alaska Subarea



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
SE05-11-01	Middle Island (Southwest cove) Lat. 57° 05 N Lon. 135° 27 W	Free-oil Recovery Maximize recovery of oil in offshore and nearshore environment.	Deploy nearshore free-oil recovery strike teams. Use aerial surveillance to locate areas of heavy slick concentrations.	Multiple nearshore free-oil recovery strike teams to intercept oil before it impacts sensitive areas.	Sitka Harbor, Sitka Ferry Terminal	Via marine waters	See SE05-11-02	REPORT any cultural resources found during operations to FOSC Historic Properties Specialist. See Figure G-3-10 for equipment locations.
SE05-11-02	Middle Island (South end) a. Lat. 57° 05.3 N Lon. 135° 27.0 W b. Lat. 57° 05.3 N Lon. 135° 26.6 W	Diversion/Recovery Divert oil to shoreside recovery.	Use class 2 and class 3/4 vessels with deck space to transport equipment. Place protected-water boom, with tidal-seal on each end using class 6 skiffs. Deploy shoreside recovery units with shallow-water skiffs. <u>Boom arrays</u> a. 600 ft and 200 ft. sections deployed in chevron with shoreside recovery at apex. b. Two 300 ft. sections deployed in cascade or stepped array to shoreside recovery.	Deployment Equipment 1400 ft. protected-water boom. 5 ea ~40 lbs. anchor systems for securing boom at approximately 300 ft. intervals. 6 ea. 50 ft. of tidal-seal boom units 6 anchor stakes 2 ea. shoreline recovery units Vessels 2 ea. class 2 2 ea. class 3/4 2 ea. class 6 Personnel Shift 18 ea vessel crew Tending Vessels 1 ea. class 3/4 2 ea. class 6 Personnel/Shift 5 ea. vessel crew	See SE05-11-01	See SE05-11-01	Marine mammals-harbor seals, whales Fish-herring spawning Habitat-kelp and eelgrass beds, sheltered tidal flats, sheltered rocky shore, intertidal diversity Marine invertebrates Human use-subsistence use, high recreational use, private residences	Tested: not yet Surveyed: 8/27/02 TLR
SE05-11-03	Middle Island (South end) a. (apex or mid-point) Lat. 57° 05.57 N Lon. 135° 27.64 W b. Lat. 57° 05.5 N Lon. 135° 27.6 W c. Lat. 57° 05.5 N Lon. 135° 26.3 W	Exclusion Exclude oil from small coves on southeast and southwest sides of Middle Island.	Use class 2 and class 3/4 vessels with deck space to transport equipment. Place protected-water boom, with tidal-seal on each end using class 6 skiffs. <u>Boom Arrays</u> a. Three 500 ft. boom strings as shown b. Two 300 ft. boom strings as shown c. Two 300 ft. boom strings as shown	Deployment Equipment 2700 ft. protected-water boom. 6 ea ~40 lbs. anchor systems for securing boom at mid-points, if needed. 10 ea. 50 ft. of tidal-seal boom units 12 anchor stakes Vessels/Personnel/Tending See SE05-11-02	See SE05-11-01	See SE05-11-01	See SE05-11-02	Tested: not yet Surveyed: 8/27/02 TLR