Map %Photo



Shangin Bay entrance viewed from the west.



Free-oil Containment and Recovery, Shallow Water



Diversion Booming



Protected-water Boom



Tidal-seal Boom



Shoreside Recovery

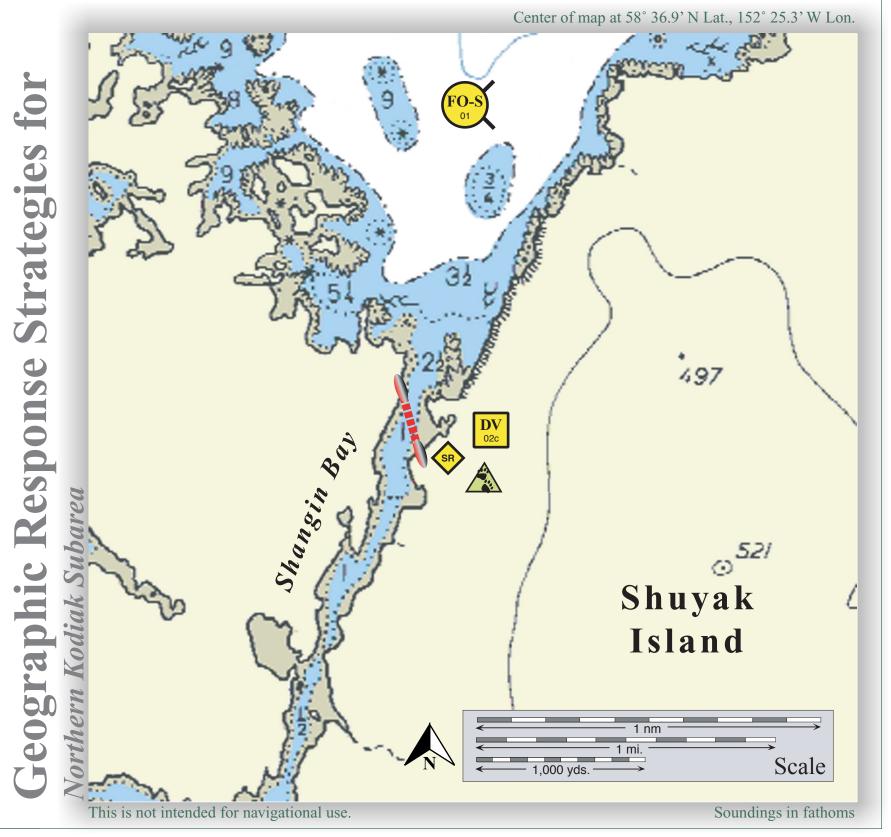


Bears in Area, Guards Recommended



Shangin Bay DV-02 deployment site viewed from the west.

Shangin Bay, K-44



Kodiak Subarea Geographic Response Strategies

June 2008

| ID | Location and Description | Response Strategy | Implementation | Response Resources | Staging Area | Site Access | Resources Protected (months) | Special Considerations |
|---------|--|--|---|--|-----------------|---------------------------------|--|---|
| K-44-01 | Shangin Bay Nearshore waters in the general area of: Lat. 58° 37.6 N Lon. 152°24.5 W | Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Shangin Bay depending on spill location and trajectory. | Deploy free-oil recovery strike teams upwind and up current of Shangin 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. | Kodiak/Homer | Via marine waters Chart 16604-1 | Same as K-44-02 | Vessel masters should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks. |
| K-44-02 | Shangin Bay Lat. 58° 36.24 N Lon. 152°25.39 W | Divert and Collect Divert oil to shore-side collection points determined by spill source and trajectory. | Deploy anchors and boom with skiffs (class 6). Place 400 ft. tidal-seal boom on the eastern shore and 200 ft. on the western shore. Complete with 1400 ft. protected-water boom across the entrance to the bay. Set-up collection site using shoreside collection unit or if oil volume is minimal, use sorbent boom or snare line to provide collection of oil. If sea state at the designated site precludes deployment, move the array further into Shangin Bay. Tend throughout the tide. | Deployment Equipment 1400 ft. protected-water boom 600ft. tidal-seal boom 10 ea. small anchor systems 4 ea. anchor stakes 1 ea. shoreside collection unit Vessels 1 ea. class 3/4 1 ea. class 6 Personnel/Shift 5 ea. vessel crew 2 ea. response techs Tending Vessels 1 ea. class 3/4 1 ea. class 6 Personnel/Shift 3 ea. vessel crew 2 ea. response techs | Vessel platform | Via marine waters Chart 16604-1 | Fish- intertidal spawning- salmon (May-Sept.), herring (April-May) Birds-waterfowl concentration, seabird nesting, eagle nesting Marine mammals- seals, otters Human use- commercial fishing Habitat- Sheltered tidal flats, sheltered rocky shoreline | Vessel masters should have local knowledge. A limited bear population exists in the area; a bear guard may be necessary. REPORT any cultural resources found during operations to FOSC Historic Properties Specialist. Site surveyed: 7/23/05 KGRS Tactics Committee. Tested: not yet |