&Photo



Pilot Harbor SZ-26, viewed from the west.



Free-oil Containment and Recovery, Shallow Water



Exclusion Booming



Protected-water Boom



Tidal-seal Boom

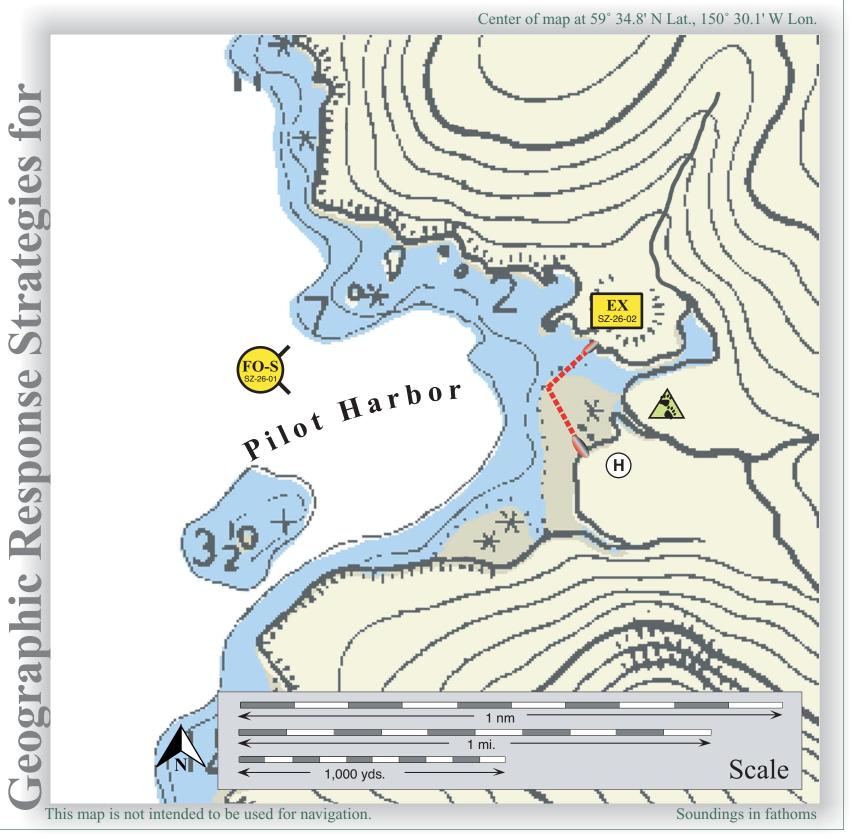


Bears in Area, Guards Needed



Helicopter Landing Zone

Pilot Harbor, SZ-26



Seward Zone Geographic Response Strategies

January 2004

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SZ-26-01	Pilot Harbor Nearshore waters in the general area of: Lat. 59° 34.8 N Lon. 150° 30.1 W	Free-oil Recovery- Shallow Water Maximize free-oil recovery in the offshore & nearshore environment of Pilot Harbor depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Pilot Harbor. 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.	Seward	Via marine waters Chart 16682-1	Same as SZ-26-02	Vessel master should have local knowledge. Site surveyed: 9/09/02 GRS WG
SZ-26-02	Pilot Harbor Lat. 59° 34.79 N Lon. 150° 29.71 W	Exclude oil from entering the lagoon and river at the head of Pilot Harbor.	Transport equipment by vessel (class 2/3/4) from Seward. Deploy anchors and boom with fishing vessels and skiffs (class 3/4/6). Place shore-seal boom and protectedwater boom across the intertidal area at the head of Pilot Harbor. Tend throughout the tide.	Deployment Equipment 1800 ft. protected-water boom 2 sections ≥100 ft. shore-seal boom 8 ea. anchor systems (~40 lbs.) 4 ea. anchor stakes Vessels 1 class 2 (transport) 1 class 3/4 1 class 6 Personnel/Shift 9 ea. vessel crew Tending Vessels 1 ea. class 3/4 1 ea. class 6 Personnel/Shift 3 ea. vessel crew	Vessel platform	Via marine waters, helicopter Chart 16682-1 NPS Special Use Permit is required for GRS operations in Kenai Fjords National Park. This permit has been prefiled by the NPS.	Fish- intertidal spawning-salmon, herring (April-May) Marine mammals-sea otters, seals Terrestrial mammals-bears Birds- eagle feeding, waterfowl concentrations Habitat-marsh, eel grass, sheltered rocky shoreline Human use- boat anchorage	Vessel master should have local knowledge. Due to prevailing winds and currents, this site is at low risk of being oiled. Consider bear guards. Biting insects can present response hazard. NPS owns surrounding lands. REPORT any cultural resources found during operations to FOSC Historic Properties Specialist. Site surveyed: 9/09/02 GRS WG Tested: not yet