

Map & Photo Legend



Harris Bay Lagoon SZ-15, viewed from the west.



Free-oil Containment and Recovery, Shallow Water



Exclusion Booming



Deflection Booming, Fixed



Protected-water Boom



Snare Line



Helicopter Landing Zone

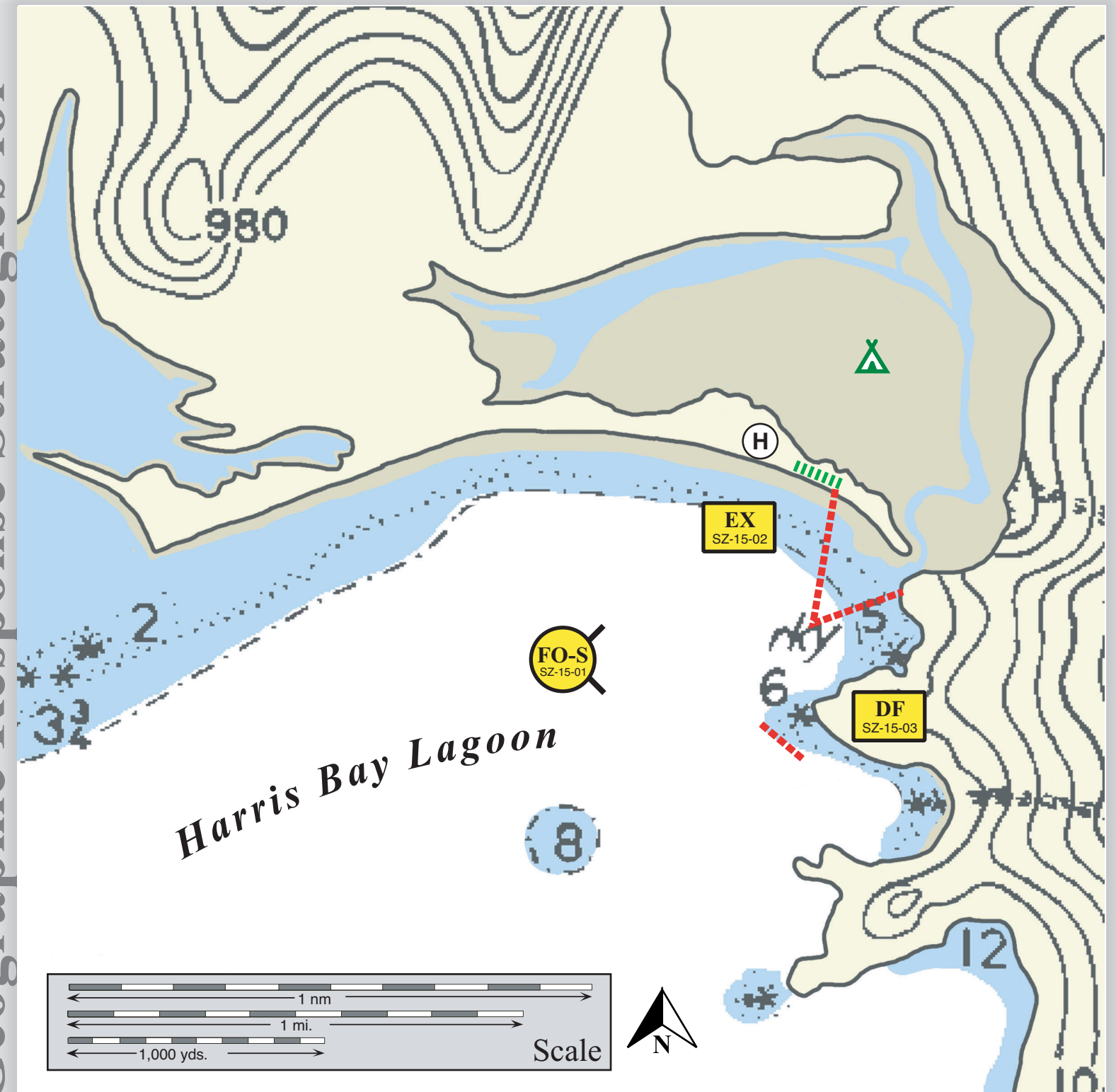


Bears in Area, Guards Needed

Harris Bay Lagoon, SZ-15

Center of map at 59° 44.3' N Lat., 149° 51.3' W Lon.

Geographic Response Strategies for



This map is not intended to be used for navigation.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SZ-15-01	Harris Bay Lagoon Nearshore waters in the general area of: Lat. 59° 44.1 N Lon. 149° 50.3 W	Free-oil Recovery- Shallow Water Maximize free-oil recovery in the offshore & nearshore environment of Harris Bay Lagoon depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Northwest Fjord East. Use aerial surveillance to locate incoming slicks.	Multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Seward	Seward via marine waters Chart 16682-1	Same as SZ-15-02	Vessel master should have local knowledge. Site surveyed: 9/07/02 GRS WG
SZ-15-02	Harris Bay Lagoon Lat. 59° 44.30 N Lon. 149° 50.76 W Surf is common outside the lagoon. Currents are strong (3.5-4 Kts.) in the lagoon entrance during max. flood.	Exclusion Exclude oil from entering the lagoon.	Use fishing vessels and skiffs (class 3/4/6) to deploy anchors and boom. Anchor east leg of the boom to the rocks with anchor bolt. Establish apex and set boom at an acute angle to divert the oil to the sand beach. Anchor east of boom just outside the surf. Establish passive recovery site to collect oil diverted to the beach. Expect beach clean up. Tend throughout the tide.	Deployment Equipment 2000 ft. protected-water boom 10 ea. anchor systems (~40 lbs.) 2 ea. apex anchors (~500 lbs.) 2 ea. anchor stakes adequate sorbent boom or snare line for passive recovery Vessels 1 ea. class 2 1 ea. class 3/4 1 ea. class 6 Personnel/Shift 9 ea. vessel crew Tending Vessels 1 ea. class 3/4 1 ea. class 6 Personnel/Shift 4 ea. vessel crew	Vessel platform	Via marine waters, helicopter Chart 16682-1 Title 16 permitting from ADF&G required for this site. NPS Special Use Permit is required for GRS operations in Kenai Fjords National Park. This permit has been pre-filed by the NPS.	Fish-intertidal spawning, salmon Marine mammals-seals, sea otters Terrestrial mammals-bears, river otters Birds- eagles waterfowl nesting-murrelets, shorebirds feeding and nesting, oyster catchers Habitat-sheltered rocky shoreline Human use- high recreational use (May–Sept.)	Vessel master should have local knowledge. The outflow and shape of this lagoon are different than depicted on pre-2002 NOAA charts. NPS owns lands around this site. FOSC Historic Properties Specialist should INSPECT site prior to operations. Site surveyed: 9/07/02 GRS WG Tested: not yet
SZ-15-03	Harris Bay Lagoon Lat. 59° 43.91 N Lon. 149° 50.94 W If conditions permit consider use of deflection from the point outside the lagoon.	Deflection-Fixed Deflect oil from Harris Bay Lagoon and back into the channel for collection.	Transport equipment to site by marine vessel (class 2/3/4). Place boom and anchor system with fishing vessel or skiff (class 3/4/6). Position boom at adequate angle to deflect oil from Harris Bay Lagoon to near shore free oil recovery.	Deployment Equipment 600 ft. protected-water boom 4 ea. anchor systems (~40 lbs.) Vessels/Personnel/Shift Same as SZ-15-02 Tending Vessels/Personnel/Shift Same as SZ-15-02	Vessel platform	Via marine waters Chart 16682-1	Same as SZ-15-02	Vessel master should have local knowledge. Site surveyed: 9/07/02 GRS WG Tested: not yet