

Map & Photo Legend



Beautiful Isle SZ-25, viewed from the south.



Free-oil Containment and Recovery, Shallow Water



Deflection Booming, Fixed

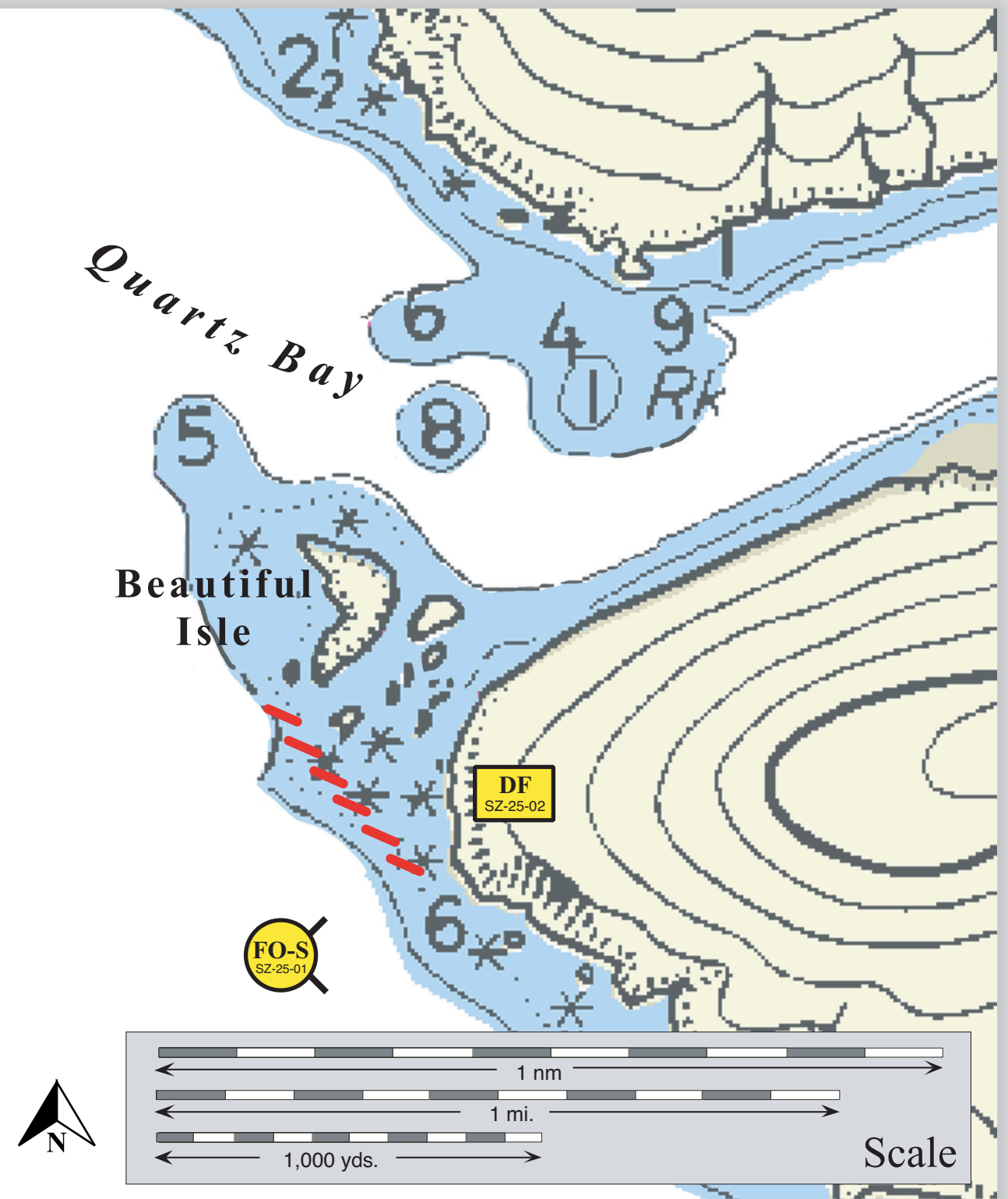


Open-water Boom

Geographic Response Strategies for

Beautiful Isle, SZ-25

Center of map at 59° 30.6' N Lat., 150° 33.9' W Lon.



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-25-01	Beautiful Isle Nearshore waters in the general area of: Lat. 59° 30.6 N Lon. 150° 33.9 W	Free-oil Recovery- Shallow Water Maximize free-oil recovery in the offshore & nearshore environment of Beautiful Isle depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Beautiful Isle. 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.	Marine	Via marine waters Chart 16682-1	Same as SZ-25-02	Vessel master should have local knowledge. NPS cabin is located on the North Arm. REPORT any cultural resources found during operations to FOSC Historic Properties Specialist. Site surveyed: 9/06/02 GRS WG
SZ-25-02	Beautiful Isle Lat. 59° 30.37 N Lon. 150° 33.60 W	Deflection-Fixed Deflect oil back into the channel for collection from Beautiful Isle and the intertidal area behind the isle.	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 six 200 ft. booms in a cascaded array at an adequate angle to deflect oil from Beautiful Isle and to conduct nearshore free-oil recovery.	Deployment Equipment 1200 ft. open-water boom 12 ea. anchor systems (~200 lbs.) Vessels 1 ea. class 2 (transport) 2 ea. class 3/4 1 ea. class 6 Personnel/Shift 8 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 Chart 16682-1 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-herring spawning (April-May) Marine mammals-sea otters, seals Birds- waterfowl concentration and nesting, harlequin, seabird feeding, shorebird feeding, oyster catchers Habitat-rocky shoreline Intertidal resources-mussels, invertebrates, kelp, fucus	Vessel master should have local knowledge. The island is owned by the NPS. The surrounding lands are property of the Port Graham Village Corporation. Contact the Corporation as soon as possible for permitting to conduct shore-side activities. Conducting any on-shore activity in the surrounding area beyond the scope of this document requires the express consent of the Port Graham Village Corporation. This tactic is weather dependent. Consider use of live deflection or tear dropping boom if wind and sea state indicate. Shallow exposed rocks and SE sea swell present significant response hazards. Site surveyed: 9/06/02 GRS WG Tested: not yet