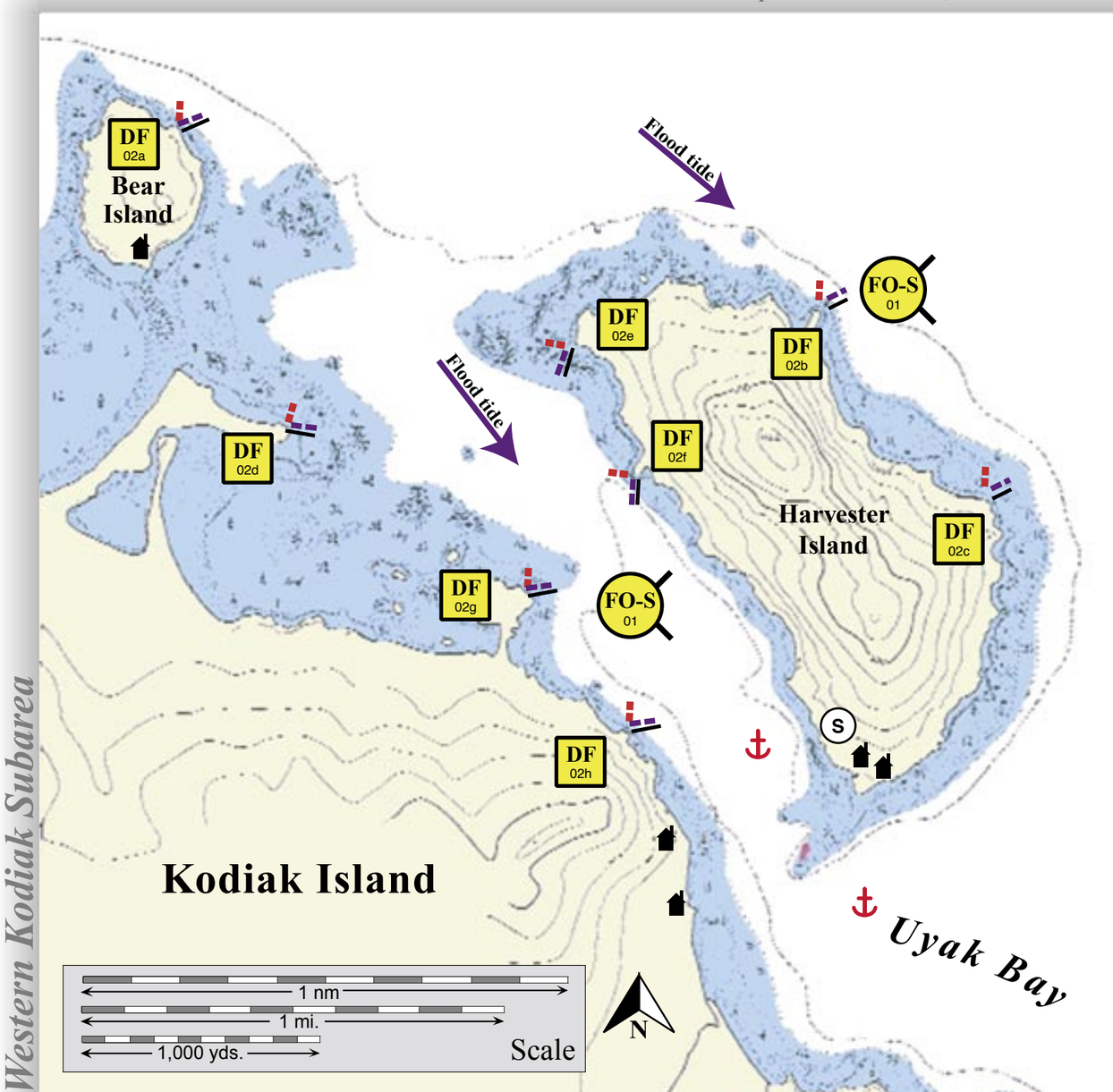
Geographic Response Strategies for *Harvester Island, K-23*

Western Kodiak Subarea

Center of map at 57° 39.1' N Lat., 154° 00.6' W Lon.



This is not intended for navigational use.

Soundings in fathoms

Legend & Map Photo

Harvester Island and Bear Island viewed from the southeast.

Harvester Island and Bear Island viewed from the southwest.

- FO-S — Free-oil Containment and Recovery, Shallow Water
- DF — Deflection Booming
- Protected-water Boom
- Protected-water Boom, Flood Tide
- S — Staging Area
- Anchorage
- Private Cabins

Uyak Anchorage viewed from the northwest.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
K-23-01 FO-S	**Harvester Island** Nearshore waters in the general area of: Lat. 57º 39.2 N Lon. 154º00.1 W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Harvester Island depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Harvester Island. 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.	Larsen Bay/Harvester Island	Via marine waters Chart 16599-1	Same as K-23-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
K-23-02 DF	**Harvester Island** a. Lat. 57º 39.68 N Lon. 154º01.98 W b. Lat. 57º 39.47 N Lon. 153º59.46 W c. Lat. 57º 39.06 N Lon. 153º58.75 W d. Lat. 57º 39.14 N Lon. 154º01.63 W e. Lat. 57º 39.29 N Lon. 154º00.56 W f. Lat. 57º 39.04 N Lon. 154º00.31 W g. Lat. 57º 38.89 N Lon. 154º00.52 W h. Lat. 57º 38.54 N Lon. 154º00.13 W	**Deflection** Deflect oil coming from the northwest or northeast away from Harvester Island and back into the channel for free-oil recovery.	Deploy boom and anchor system with skiffs (class 6). All boom arrays are 300 ft. of protected-water boom. Position booms at a proper angle to deflect oil from Harvester Island. Switch boom deflection angle with the tide. Tend throughout the tide.	**Deployment** **Equipment** 2400 ft. protected-water boom 16 ea. small anchor systems 16 ea. anchor stakes **Vessels** 1 ea. class 3/4 4 ea. class 6 **Personnel/Shift** 11 ea. vessel crew **Tending** **Vessels** 1 ea. class 3/4 4 ea. class 6 **Personnel/Shift** 8 ea. vessel crew	Vessel platform or nearby homes, beaches and moorings.	Via marine waters Chart 16599-1 Local set net fisherman can provide local knowledge and maybe contacted through the Larsen Bay fish processing plant.	Fish-intertidal spawning- herring (April-May) Birds-waterfowl concentration, seabird nesting Marine mammals-seals, otters Habitat- shelter rocky shoreline Human Use-intertidal subsistence, commercial fishing	Vessel master should have local knowledge. Stronger currents run outside the Uyak anchorage than through the channel. Nearby residences are typically occupied year round and may provide support during operations. FOSC Historic properties specialist should INSPECT site prior to operations. This site contains properties owned by Kodiak National Wildlife Refuge, private individuals, Kodiak Borough, and Koniag Corp. Site surveyed: 7/20/05 KGRS Tactics Committee. Tested: not yet