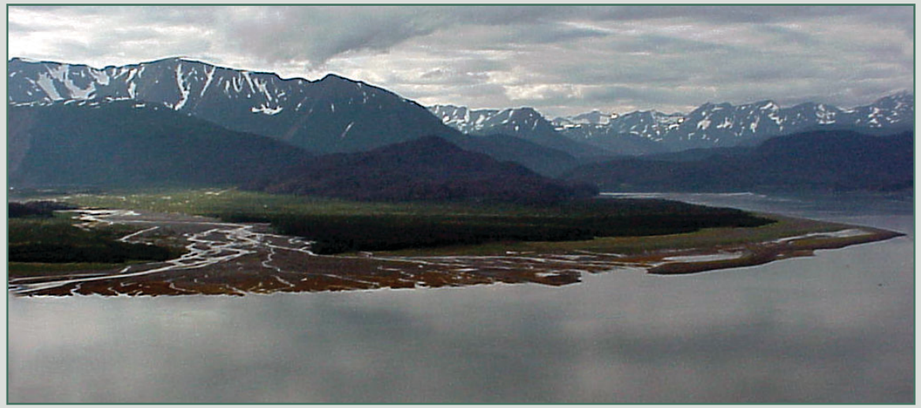
Humpy Creek, KB-02



Grueningk Creek and Glacier Spit, KB-02-02 as viewed from the South.

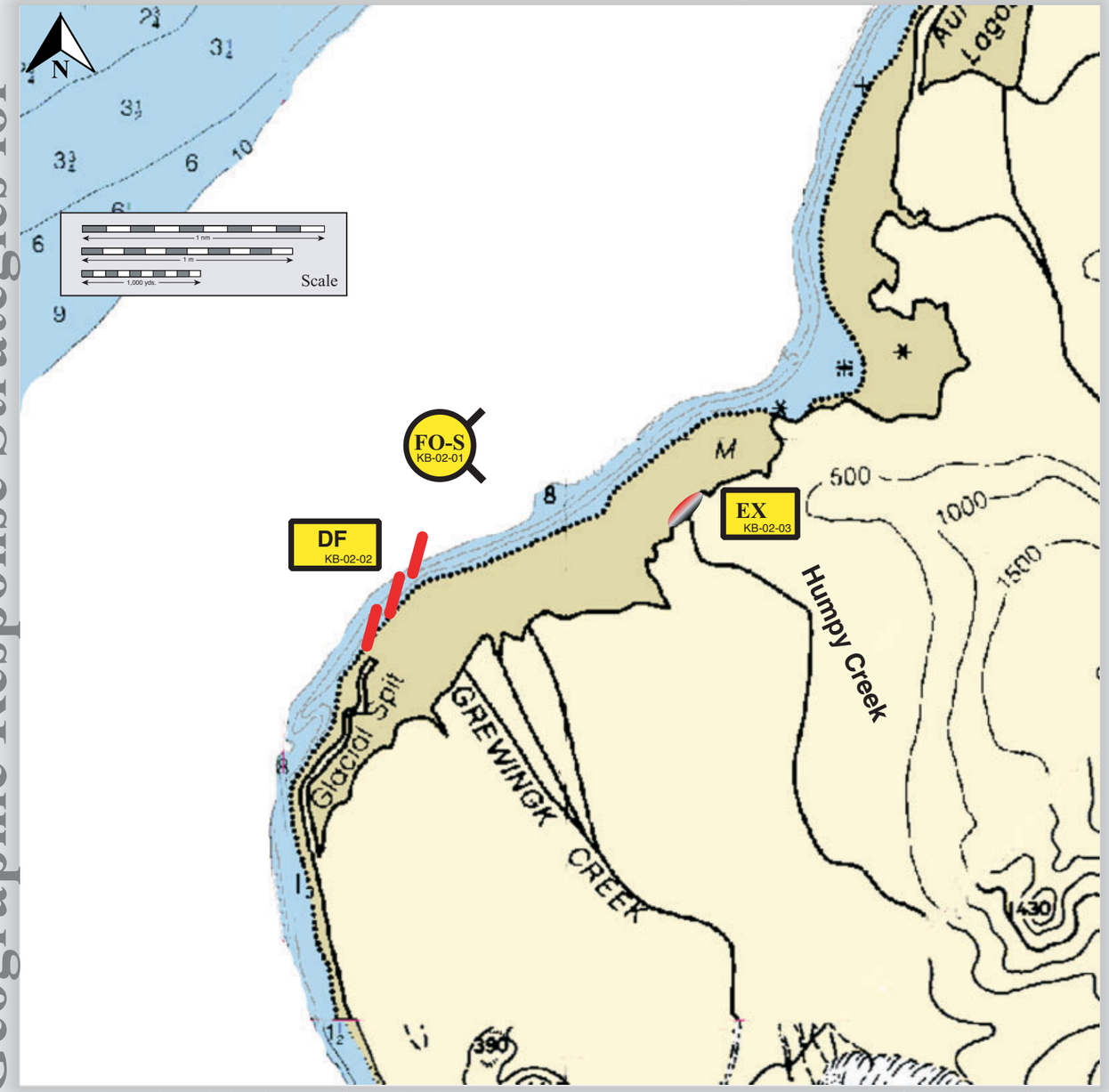
Map & Photo

Legend

- FO-S — Free-oil Containment and Recovery, Shallow Water
- EX — Exclusion Booming
- DF — Deflection Booming, Fixed
- Shore-seal Boom
- Open-water Boom

Geographic Response Strategies for

Center of map at 59° 39.7' N Lat., 151° 09.6' W Lon.



This map is not intended to be used for navigation.

Soundings in fathoms

December 2001

Tim L. Robertson

	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
KB-02-01	**Humpy Creek** Lat. 59º 39.7 N Lon. 151º 09.6 W	**Nearshore Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment outside the tidal flats.	Deploy nearshore free-oil recovery strike teams upwind and up current of the river mouth. Use aerial surveillance to locate incoming slicks. Concentrate on oil deflected by KB-02-02.	Multiple nearshore free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Homer Harbor or vessel platform	Via marine waters. See NOAA chart 16645-1.	Same as KB-02-02	Vessel captains should have local knowledge.
KB-02-02	**Glacier Spit** Humpy Creek is located on the south side of Kachemak Bay, between Grewingk Creek and Mallard Bay. May be confused with Grewingk Creek which is larger but does not have a salmon run. Lat. 59º 39.6 N Lon. 151º 08.9 W	**Deflection** Deflect oil from Northeast end of Glacier Spit into current away from shore.	Use class 2 and class 4 vessels with deck space to transport equipment to site, class 3/4 with crane to set lg. anchors, and class 6 setnet or seine skiffs to deploy boom and anchors. Place three 1000 ft. deflection booms in a cascade pattern from high tide line. Tending vessels may be stationed in Halibut Cove.	**Deployment** **Equipment** 3000 ft. open-water boom 6 ea. lg. anchor systems (≥300 lbs.) 12 ea. anchor systems(≥60 lbs.) **Vessels** 1 ea. Class 2 1 ea. Class 3/4 4 ea. Class 6 **Personnel/Shift** 13 ea. vessel crew **Tending** **Vessels** 1 ea. Class 4 1 ea. Class 6 **Personnel/Shift** 3 ea. vessel crew	Homer Harbor or vessel platform	Marine Helicopter access on beach.	Marsh Intertidal salmon/ herring spawning (May-October) Waterfowl and shore bird concentration area (year-round) Sea bird feeding area (year- round) Sea Otters (year-round)	Vessel captains should have local knowledge. FOSC Historic Properties Specialist should INSPECT site prior to operations. Tested: No
KB-02-03	**Humpy Creek** Lat. 59º 39.7 N Lon. 151º 09.0 W	**Exclusion** Exclude oil from entering the mouth of Humpy Creek.	Place 100 ft. of protected-water boom, with shore seal on each end, across creek at or above storm berm.	**Deployment** **Equipment** 100 ft. protected-water boom 100 ft. shore-seal boom 5 ea. anchor stakes **Vessels, Personnel, Tending** Same as KB-02-02	Homer Harbor or vessel platform	Marine Helicopter access on beach. Title 16 permit may be required to work inside river. Contact Environmental Unit of Unified Command for permit.	Same as KB-02-02	Vessel captains should have local knowledge. FOSC Historic Properties Specialist should INSPECT site prior to operations. Tested: No