







Tutka Bay Lagoon, KB-09 as viewed from the East.

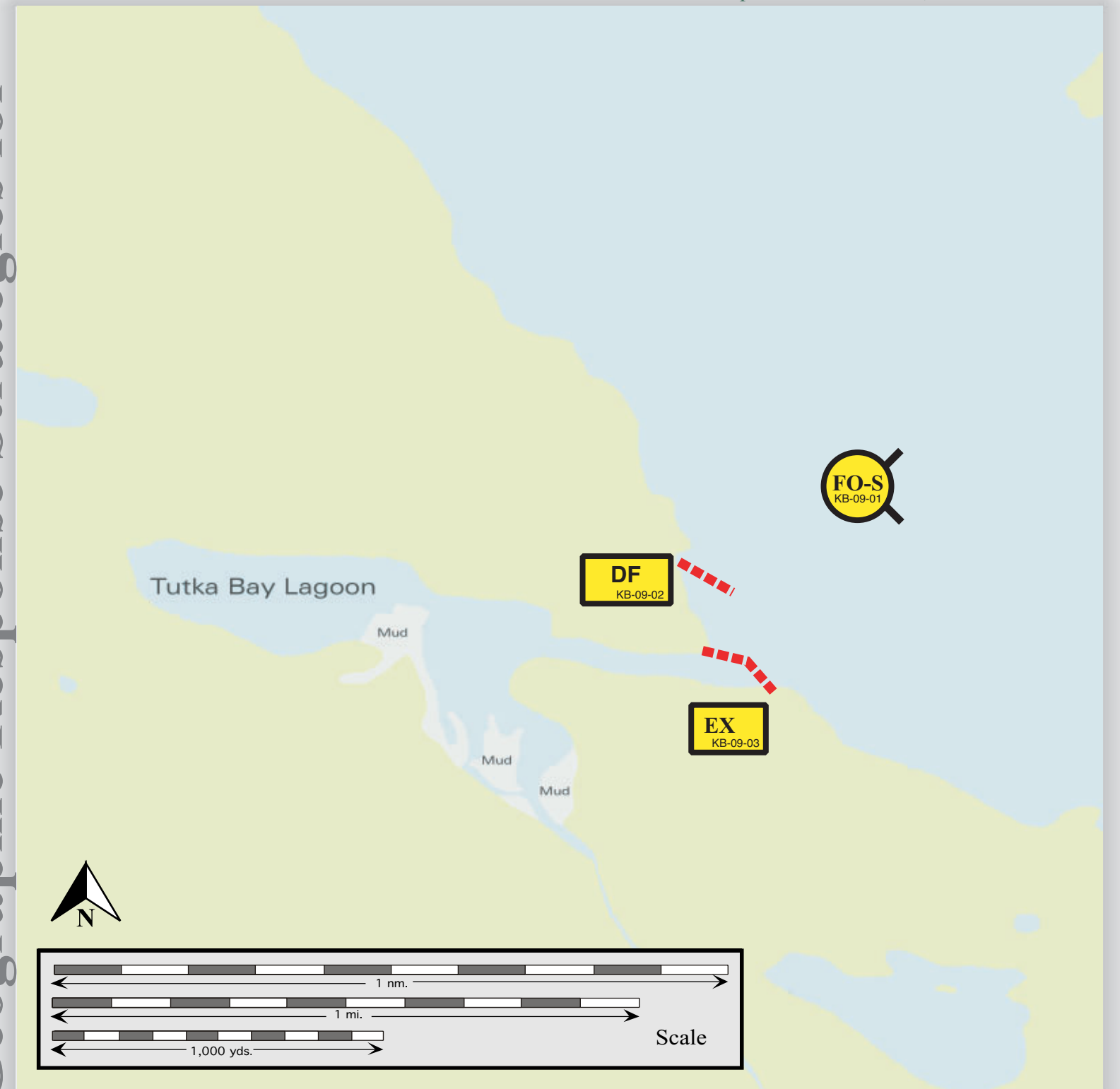
**Map
& Photo**
Legend

-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Deflection Booming, Fixed
-  Protected-water Boom

Geographic Response Strategies for

Tutka Bay Lagoon, KB-09

Center of map at 59° 26.6' N Lat., 151° 24.7' W Lon.



This map is not intended to be used for navigation.

Soundings in fathoms

	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
KB-09-01	<p>Tutka Bay Lagoon Nearshore waters in the general area of: Lat. 59° 26.6 N Lon. 151° 24.7 W</p>	<p>Nearshore Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment outside the lagoon. Concentrate on oil deflected by KB-02-02.</p>	Deploy nearshore free-oil recovery strike teams upwind and up current of the lagoon. Use aerial surveillance to locate incoming slicks.	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-09-02	<p>Vessel captains should have local knowledge.</p> <p>Report any cultural resources found during operations to the FOSC Historic Properties Specialist.</p>
KB-09-02	<p>Entrance to Tutka Bay Lagoon Tutka Bay Lagoon is about 4 miles inside the mouth of Tutka Bay on the southwest side. The Lagoon, well protected, has depths to 27 ft. and contains a salmon hatchery. The entrance, a small narrow channel, is a stream except at high water. The sill which holds the lagoon is at the head of this channel and is about 10 ft. above low water. Boats up to about 40 ft. can enter the lagoon at high water. The entrance to the channel is protected by a rock awash and a 1 fathom submerged delta plain that extends about 0.25 mile offshore. Lat. 59° 26.5 N Lon. 151° 24.3 W</p>	<p>Deflection Deflect oil into current away from entrance to Tutka Bay Lagoon.</p>	Use class 4 vessels with deck space to transport equipment, and class 6 setnet or seine skiffs to deploy boom and anchors. Place 1000 ft. of protected-water boom northwest of the entrance to Tutka Bay Lagoon.	<p>Deployment Equipment 1000 ft. protected-water boom 12 ea. anchor systems (≤40 lbs.)</p> <p>Vessels 2 ea. class 4 2 ea. class 6</p> <p>Personnel / Shift 8 ea. vessel crew</p> <p>Tending Vessels 1 ea. class 4 1 ea. class 6</p> <p>Personnel/shift 3 ea. vessel crew</p>	Homer Harbor or vessel platform.	Via marine waters. See NOAA chart 16645-1.	<p>Intertidal salmon spawning (June-August)</p> <p>Seabird feeding (year-round)</p> <p>Waterfowl concentration area (winter)</p> <p>Seabird nesting (spring, summer)</p> <p>High density kelp beds</p> <p>Sea Otters (year-round)</p> <p>Herring spawning (Spring)</p> <p>Harbor seals (year-round)</p> <p>Marsh</p> <p>Sheltered rocky shoreline</p> <p>High use recreation</p> <p>Hatchery</p> <p>High use commercial fishing (June-August)</p>	<p>Vessel captains should have local knowledge.</p> <p>Report any cultural resources found during operations to the FOSC Historic Properties Specialist.</p> <p>Tested: No</p>
KB-09-03	<p>Entrance to Tutka Bay Lagoon Lat. 59° 26.4 N Lon. 151° 24.2 W</p>	<p>Exclusion Exclude oil from entering the channel to Tutka Bay Lagoon.</p>	Place 1000 ft. protected-water boom across the entrance to Tutka Bay Lagoon, with a large anchor at the apex.	<p>Deployment Equipment 1000 ft. protected-water boom 12 ea. anchor systems (≤40 lbs.) 1 ea. anchor system (≥60 lbs.) 4 ea. anchor stakes</p> <p>Vessels, Personnel, Tending Same as KB-09-02</p>	Homer Harbor or vessel platform.	Via marine waters. See NOAA chart 16645-1.	Same as KB-09-02	<p>Vessel captains should have local knowledge.</p> <p>Report any cultural resources found during operations to the FOSC Historic Properties Specialist.</p> <p>Tested: No</p>