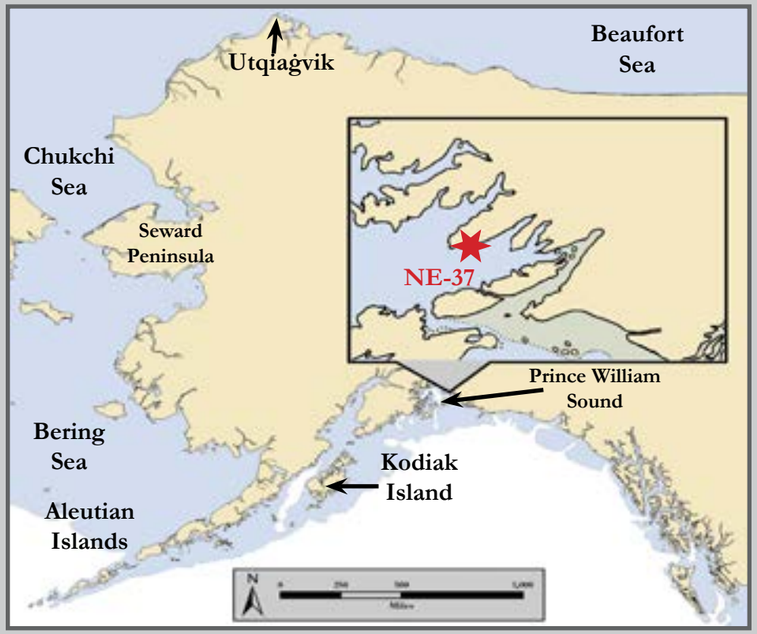
Gravina Point Lagoon, NE-37

Geographic Response Strategies for

Prince William Sound Subarea, Northeast Zone



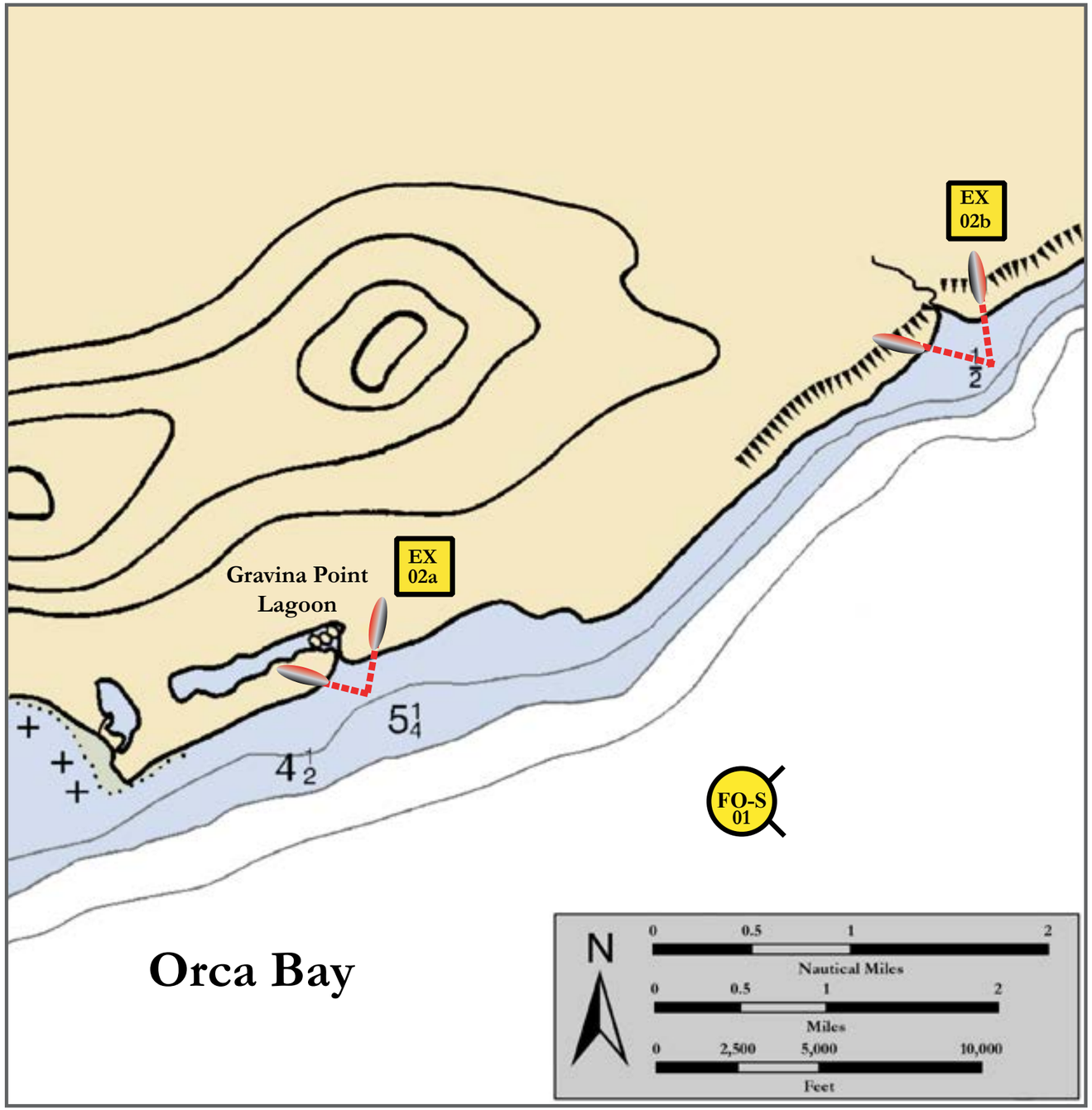
Location of NE-37

Gravina Point Lagoon, View northeast

Map & *Photo*

Legend

FO-S — Free-oil Skimming and Recovery, Shallow Water	Shore-Seal Boom
EX — Exclusion Booming	Protected-water Boom



Map is not intended for navigational use.

Lat. 60° 37' 48.4" N
Lon. 146° 10' 17.0" W

Depths in Fathoms

Updated by ADEC 30 Mar 17

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
NE-37-01 	**Gravina Lagoon** Nearshore waters in the general area of: Lat. 60º 37.5' N Lon. 146º 10.3' W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Gravina Lagoon depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Gravina Lagoon. 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.	Tatitlek/Valdez Harbor	Via marine waters Chart 16708-1	Same as NE-37-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
NE-37-02 	**Gravina Point Streams** a. Lat. 60º 37.83' N Lon. 146º 10.36' W Or b. Lat. 60º 38.68 N Lon. 146º 07.24 W	**Exclusion** Exclude oil from impacting Gravina Lagoon and the nearby stream.	Deploy anchors and boom with skiffs (class 6). These tactics should be considered if sea conditions are calm. Array (a) should be positioned with 300 ft. of protected-water boom placed in a chevron pattern and 200 feet of intertidal boom (100 ft. on either shore). Array (b) should be positioned with 300 feet of protected-water boom placed in a chevron pattern with all 100 feet of the intertidal boom on the northeast shore of the creek. Tend throughout the tide.	**Deployment Equipment** 600 ft. protected-water boom 200 ft. tidal-seal boom 4 ea. Small Anchor systems **Vessels** 1 ea. Class 3/4 1 ea. Class 6 **Personnel/Shift** 6 ea. Vessel crew **Tending Vessels** 2 ea. Class 3/4 1 ea. Class 6 **Personnel/Shift** 4 ea. Vessel crew *Landing craft combined with shallow draft jitneys is critical for shallow water operations.	Vessel platform	Via marine waters Chart 16708-1	**Fish**- intertidal spawning-salmon (May-Sept.), herring (April-May) **Habitat**-sheltered tidal flats, sheltered rocky shoreline, gravel beaches, marsh **Birds**- waterfowl concentration	Vessel master should have local knowledge. Site surveyed: 09/02/10 Title 41 permitting required from ADNR. Tested: 02 (a) and (b) tested 07 October 2014 SERVS GRS deployment.

*If the sites are deployed in sequence rather than simultaneously, three vessels and approximately 12 crew would be required. If the sites were deployed simultaneously, a minimum of six vessels and 24 crew would be necessary.