Lewis River, NCI-06

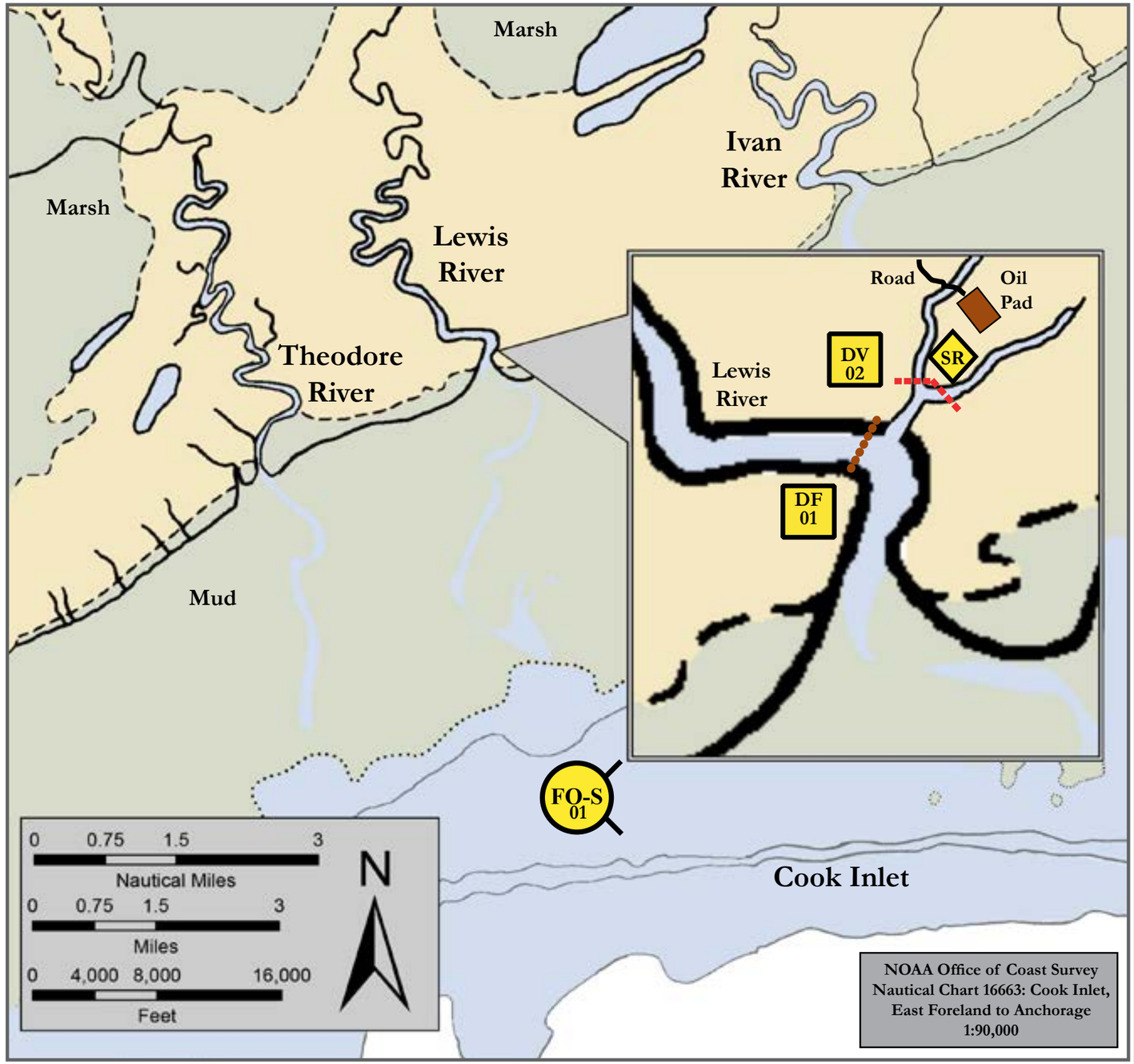
Geographic Response Strategies for
Northern Cook Inlet Subarea

Location of NCI-06

Map & *Photo* Legend

- Fast-water Boom
- Protected-water Boom
- FO-S — Free-oil Skimming and Recovery, Shallow Water
- SR — Shoreside Recovery
- DV — Diversion Booming
- DF — Deflection Booming

Lewis River, View Northwest



Map is not intended for navigational use.

Lat. 61° 14' 5.4" N
Lon. 150° 47' 52.3" W

Depths in Fathoms

Updated by ADEC 29 June 17

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
NCI-06-01 	**Lewis River** Nearshore waters in the general area of: Lat. 61° 14.3' N Lon. 150° 44.2' W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Lewis River depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Lewis River. 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.	Beluga River Airport	Via marine waters Chart 16660-1	Same as NCI-06-02	Vessel master should have local knowledge. Mark channel with GPS during rising tide. Local set net fishermen may provide a source for vessels and personnel. Contact ADF&G for permit holders.
NCI-06-02 **DF**	**Lewis River** Lat. 61° 14.27' N Lon. 150° 47.94' W	**Deflection** Deflect oil coming in the Lewis River into a side channel on the north shore for collection.	Transport equipment to site by ATV from the Ivan Drilling Pad. Deploy boom and anchor system with inflatable boat or river boat. Position boom at adequate angle to deflect oil in the main channel to a cut on the north shore and set up for divert and recovery. Tend throughout the tide.	**Deployment Equipment** 300 ft. fast-water boom 100 ft. protected-water boom 2 ea. anchor systems (~40 lbs.) 4 ea. anchor stakes 1 ea. ATV and trailer 1 shoreside collection unit with inflatable tank and transfer pump to pump to drilling pad **Vessels** 1 ea. inflatable boat **Personnel/Shift** 4 ea. response techs **Tending Vessels** 1 ea. inflatable boat **Personnel/Shift** 2 ea. response techs	Ivan Drilling Pad	Via road system Contact facility operators for current maps to the site.	**Fish-**intertidal spawning-salmon **Marine mammals-** beluga whales, seals **Birds**-shorebird, waterfowl concentrations **Habitat**-exposed tidal flats, marsh **Human use**- high recreational use (May-Sept.), sport fishing. waterfowl hunting, commercial fishing	Title 41 permitting required from ADNR. Title 16 Special Area Permit to access State Game Refuge. Calm-water boom may be used if fast-water boom is not available. REPORT any cultural resources found during operations to FOSC Historic Properties Specialist. Reporting should be performed as the circumstances of the emergency allow. Site surveyed: 09/03/03 NCI GRS Tactics Committee. Tested: not yet
NCI-06-03 **DV**	**Lewis River** Lat. 61° 14.27 N Lon. 150° 47.94 W	**Divert and Collect** Divert oil to shore-side collection points determined by spill source and trajectory.	Transport equipment by ATV from Ivan Drilling Pad. Deploy anchors and boom with inflatable boat or river boat. Using the two small streams leading into the cut on the north bank on the Lewis River, place protected-water boom across each to form a chevron. Establish the recovery site at the apex of the boom and tend throughout the tide.	**Deployment Equipment** 100 ft. protected-water boom 2 ea. anchor systems (~40 lbs.) 8 ea. anchor stakes 1 ea. shore-side collection unit **Vessels/Personnel/Shift** Same as NCI-06-02 **Tending Vessels/Personnel/Shift** Same as NCI-06-02	Ivan Drilling Pad	Via road system	Same as NCI-06-02	Take appropriate measures as outlined in Part 2 of this document to protect the beach at the collection site. REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist. Reporting should be performed as the circumstances of the emergency allow. Site surveyed: 09/03/03 NCI GRS Tactics Committee Tested: not yet