

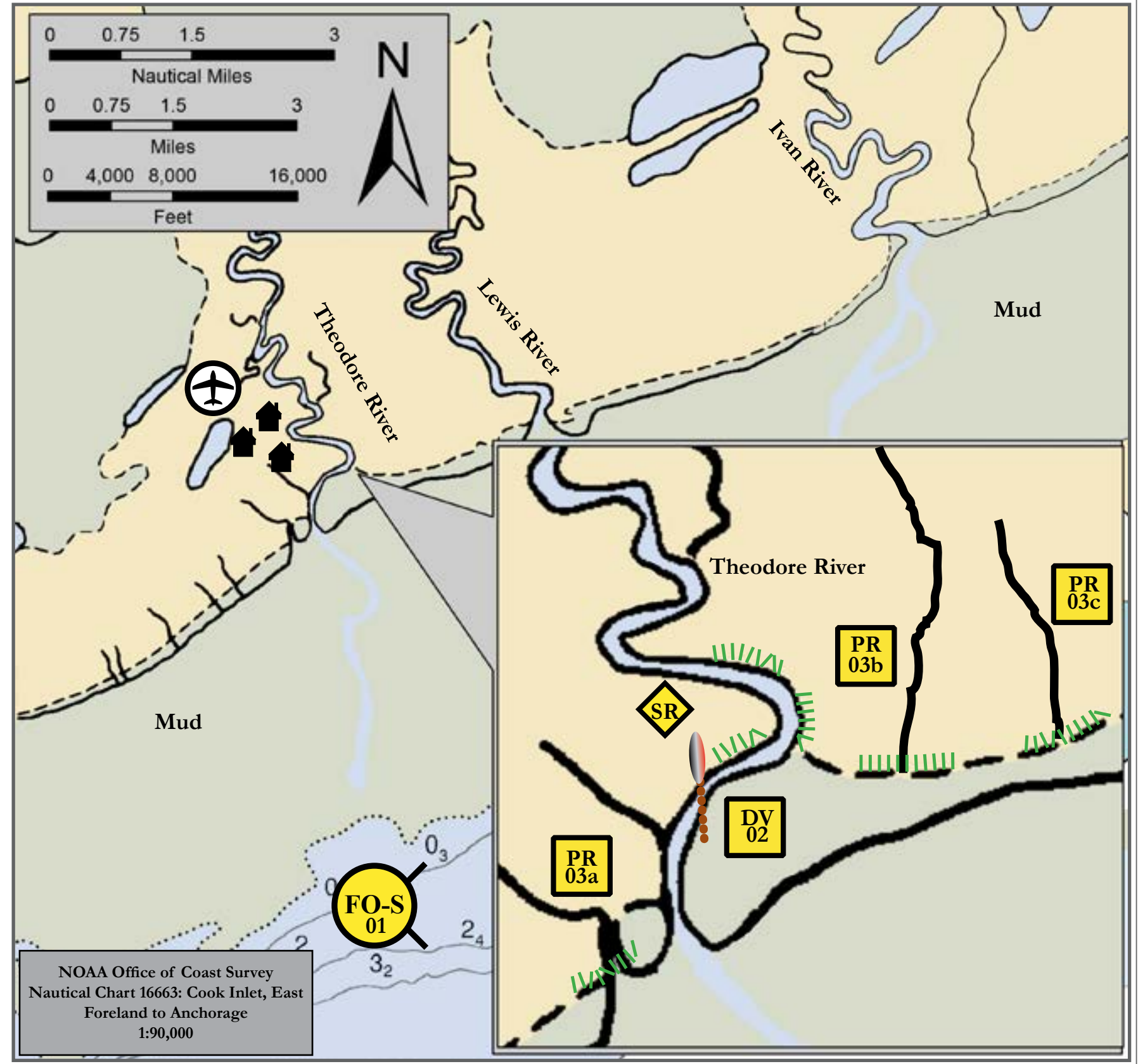


Theodore River, View Northwest

Map
& Photo
Legend

| | | | |
|--|--|--|--------------------|
| | Shoreside Recovery | | Gravel Airstrip |
| | Passive Recovery and Collection | | Cabins |
| | Diversion Booming | | Tidal-seal Boom |
| | Free-oil Containment and Recovery, Shallow Water | | Fast-water Boom |
| | | | Passive Collection |

Theodore River, NCI-05






Geographic Response Strategies for
Northern Cook Inlet Subarea

Map is not intended for navigational use.

Lat. 61° 13' 44.4" N
Lon. 150° 50' 3.1" W

Depths in Fathoms

| ID | Location and Description | Response Strategy | Implementation | Response Resources | Staging Area | Site Access | Resources Protected (months) | Special Considerations |
|--|--|---|--|--|--|--|--|---|
| NCI-05-01  | Theodore River Nearshore waters in the general area of: Lat. 61° 11.7' N Lon. 150° 49.6' W | Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment Theodore River depending on spill location and trajectory. | Deploy free-oil recovery strike teams upwind and up current of Theodore 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. | Anchorage | Via marine waters Chart 16660-1 | Same as NCI-05-02 | Vessel master should have local knowledge. Mark channel with GPS during rising tide. Site surveyed: 09/03/03 NCI GRS Tactics Committee |
| NCI-05-02  | Theodore River Lat. 61° 13.78' N Lon. 150° 50.01' W | Divert and Collect Divert oil to marine collection point determined by spill source and trajectory. | Transport equipment by airplane or helicopter. Deploy anchors and boom with inflatable raft. Place fast-water boom at the proper angle to divert oil to collection site. Set up collection unit and tend throughout the flood tide. | Deployment Equipment 300 ft. fast-water boom 1 section ≥66 ft. tidal-seal boom 3 ea. anchor systems (~20 lbs.) 4 ea. anchor stakes 1 ea. shore-side collection unit 3 ea. inflatable tanks 1 ea. helicopter tank Vessels 1 ea. helicopter 1 ea. raft (inflatable or john boat) 2 ea. ATV with trailer Personnel/Shift 4 ea. response techs Tending Vessels 1 ea. raft (inflatable or john boat) Personnel/Shift 2 ea. response techs | Theodore River airstrip for light aircraft only. | Via helicopter/airplane Chart 16660-1 | Fish-salmon Marine mammals- beluga whales, seals Birds- shorebird, waterfowl concentrations Habitat- exposed tidal flats Human use- high recreational use, sport fishing, waterfowl hunting (June-Nov.), commercial fishing | Take appropriate measures as outlined in Part 2 of this document to protect the beach at the collection site. Local set net fishermen may provide a source for vessels and personnel. REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist. Reporting should be performed as the circumstances of the emergency allow. Contact ADF&G for permit holders. Calm-water boom may be used if fast-water boom is not available. Title 41 permitting required from ADNR. Title 16 Special Areas Permit to access State Game Refuge. Site surveyed: 9/03/03 NCI GRS Tactics Committee Tested: not yet |
| NCI-05-03  | Theodore River Lat. 61° 13.66 N Lon. 150°49.89 W | Passive Recovery Place passive recovery on the tidal flats and in cuts along the shoreline. | Transport equipment by helicopter/airplane. Place and anchor snare or sorbent boom across the tidal flats. Replace as necessary to maximize the recovery. | Deployment Equipment 100 ft. snare line or sorbent boom 12 ea. anchor stakes Vessels/Personnel/Shift Same as NCI-05-02 Tending Vessels/Personnel/Shift Same as NCI-05-02 | Theodore River airstrip | Via helicopter/airplane Chart 16660-1 | Same as NCI-05-02 | Use snare line for persistent oils and sorbent boom for non-persistent oils. REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist. Reporting should be performed as the circumstances of the emergency allow. |