

Map & Photo Legend



NCI-02 Ship Creek looking southeast.



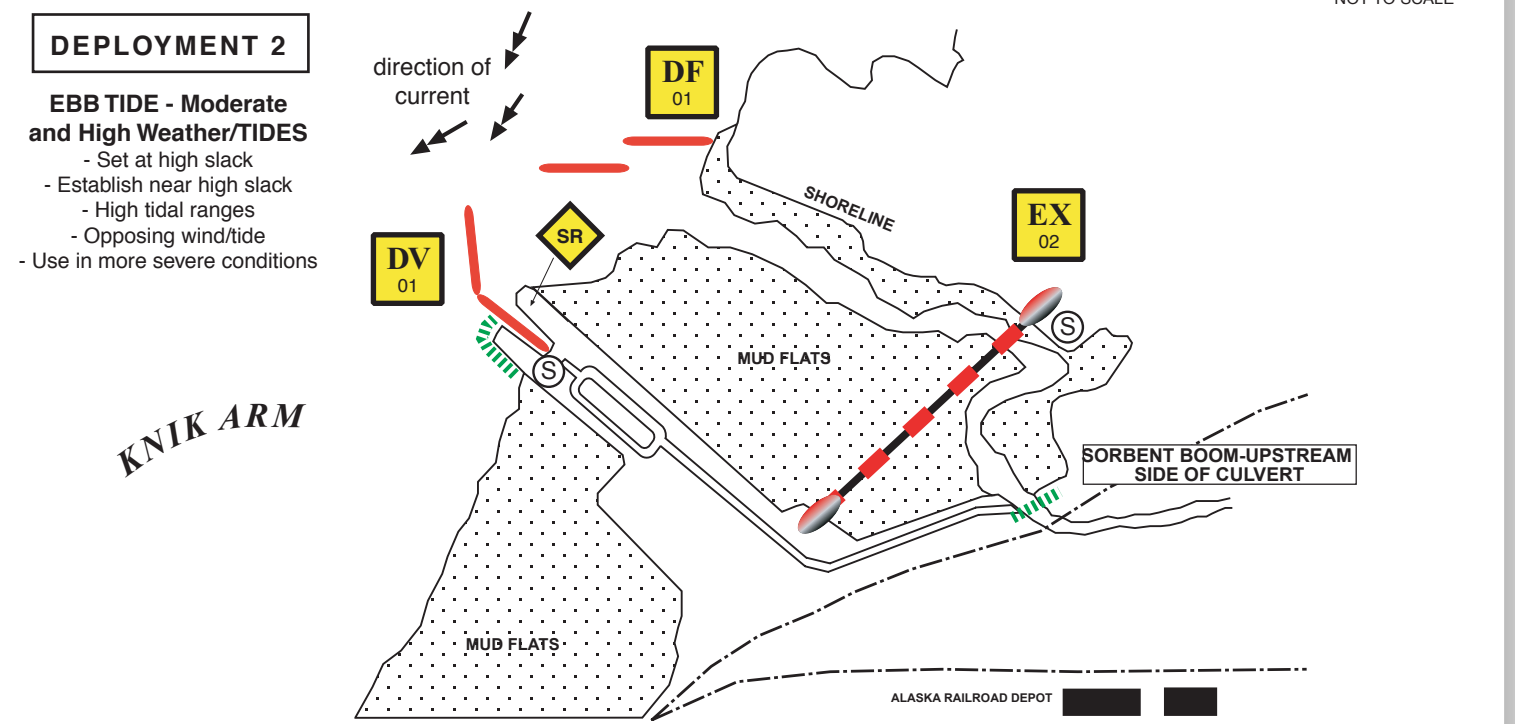
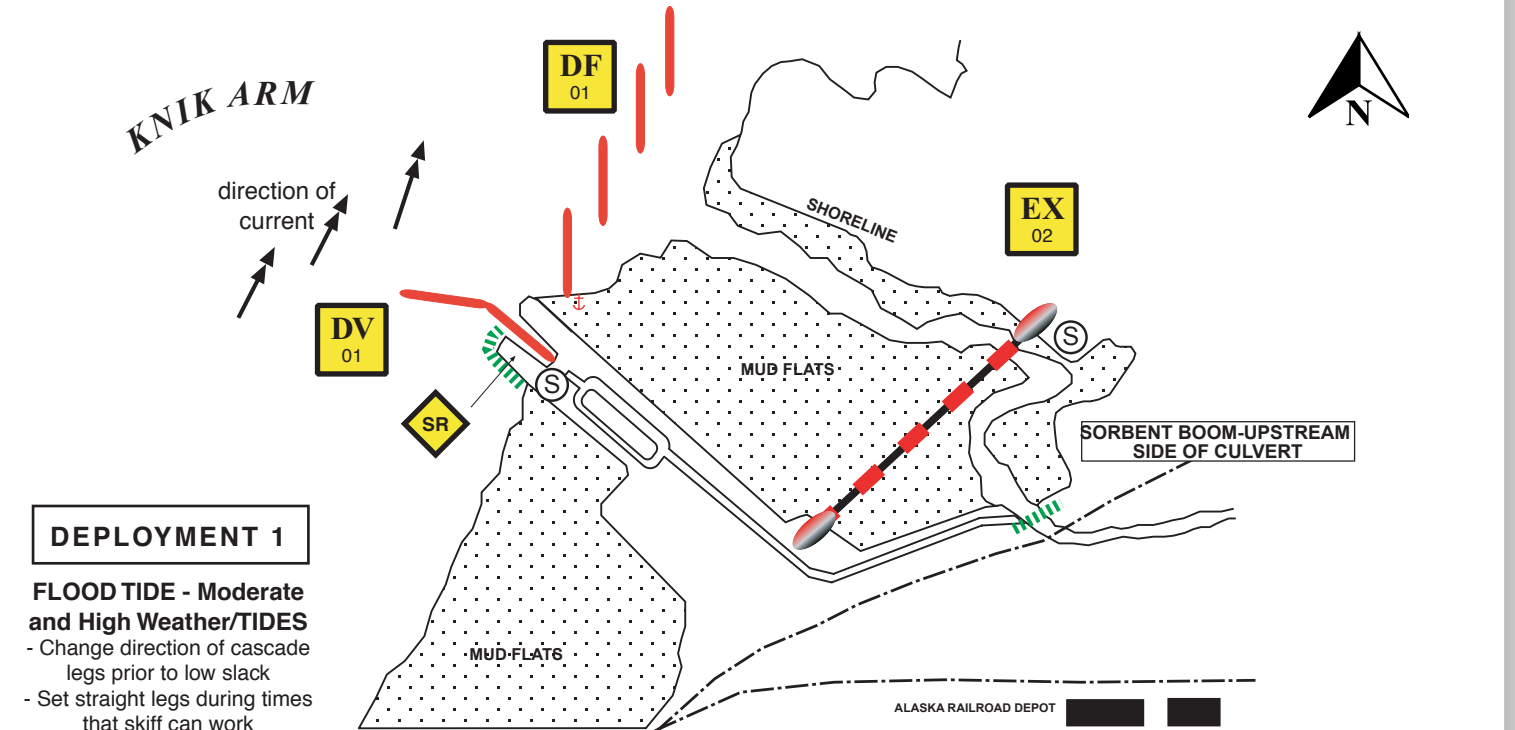
NCI-02 Ship Creek looking southeast.

- EX** Exclusion Booming
- DV** Diversion Booming
- DF** Deflection Booming
- Open-water Boom
- - - Calm-water Boom
- ||||| Snare Line
- Tidal-seal Boom
- SR** Shoreside Recovery
- S** Staging Area
- Anchor
- - - Railway Tracks

Geographic Response Strategies for Northern Cook Inlet Subarea

Ship Creek, NCI-02

Center of map at 61° 13.38' N Lat., 149° 54.03' W Lon.



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
NCI-02-01	<p>Ship Creek</p> <p>Nearshore waters in the general area of:</p> <p>Lat. 61° 13.38 N Lon. 149° 54.03 W</p> <p>Located between the Anchorage Small Boat Dock and the North Star Terminal.</p> <p>Features include exposed tidal mudflats with high tides of 32'. Tidal mudflats extend approximately 1/4 mile at low tide.</p> <p>Creek channel: average depth at mouth is 20'-25' at high tide and 1'- to 2' at low tide; well defined channel entrance; moderate currents.</p> <p>Small Boat Launch facility at the mouth of the creek.</p>	<p>Divert and Collect</p> <p>Divert oil to shore-side collection points determined by spill source and trajectory.</p> <p>Prevent oil from contaminating Ship Creek.</p> <p>Deflect oil from the mouth of the creek, using boom in a cascaded fashion.</p> <p>Prevent oil from reaching the railroad trestle using exclusion boom across the creek at the powerpoles.</p> <p>Nearshore Task Force to recover product on waters. Depths of about 76'.</p> <p>Stage overpack drums or a lined vehicle for temporary storage of used sorbent.</p> <p>Use drip cloth on stream bank where spent sorbents are pulled out to prevent further contamination.</p>	<p>Deploy 4 or 5 segments of 100' Inland River Boom in a cascaded fashion at the mouth of the creek to deflect the spill. This will require 8-12 25 lb. anchors.</p> <p>In high-energy conditions (high winds, currents) deploy boom and anchors 1 hour before and after slack water to provide best conditions to lock in anchors.</p> <p>Deploy 50' sorbent boom using 2 25-lb anchors, upstream of the culvert at the small-boat harbor access road.</p> <p>Deploy 100' of directional boom at boat ramp using 2 25-lb anchors.</p> <p>Change direction of cascade and directional booms as the tide changes.</p> <p>Stage skimmer to collect oil in boat ramp basin.</p>	<p>Equipment</p> <p>1000' - 1500' inland boom 12 25-lb anchors Land anchors (8 poles/1-2 anchors buried, tied around big boulder) Sorbent boom 50' Overpack drums Drip cloths Absorbent pads 10 bundles 1 skimmer system including temporary storage</p> <p>Support</p> <p>2 skiffs 1 Shelter Hip waders and PPE for personnel Marine Radio or cell phone</p> <p>Personnel/Shift</p> <p>8 to Deploy/Set up 6 to Tend/Maintain</p>	<p>Small Boat Launch at the mouth of the creek. Contact Port of Anchorage at (907) 343-6202.</p> <p>North Star Terminal. Contact North Star Maritime Agencies at 907-272-7537</p> <p>Port of Anchorage Dock</p>	<p>Call the Port of Anchorage @ 343-6202 Manager of Ops and Maintenance. After business hours call security at 343-6244.</p> <p>Contact Parks & Recreation for land use permits at phone number 907-343-4355. (24 hour phone number 907-522-1122, City Property and Facility Management)</p> <p>Title 41 permitting required from ADNR.</p>	<p>Tidal Marshes (all year)</p> <p>Salmon migration and spawning(May-Oct)</p> <p>Waterfowl and shore bird concentrations near the mouth of the creek (April-Oct)</p> <p>Beluga in nearshore waters (May-Oct)</p> <p>Popular fishing spot for anglers during the salmon runs in the Ship Creek all summer (May-Sept)</p> <p>Boat ramps used by private individuals when it is ice-free.</p>	<p>As the circumstances of the emergency allow, report any cultural resources found during operations to the FOSC Historic Properties Specialist.</p> <p>If site conditions require closing the area to public access, then a plan will need to be developed to reroute traffic from this section of the area.</p> <p>Take care not to work or walk on oiled shoreline to avoid driving oil into the soils.</p> <p>Tested:</p>
NCI-02-02	<p>Ship Creek</p> <p>Nearshore waters in the general area of:</p> <p>Lat. 61° 13.38 N Lon. 149° 54.03 W</p> <p>Located between the Anchorage Small Boat Dock and the North Star Terminal.</p>	<p>Exclusion</p> <p>Exclude oil from impacting Ship Creek.</p>	<p>Deploy 700' of calm-water boom across the creek at the powerpoles, using the power pole cribs to anchor the boom, instead of the 25-lb anchors.</p> <p>Deploy tidal-seal boom along the north west edge of small-boat launch using 2 25-lb anchors.</p> <p>Transport equipment by vehicles.</p> <p>Deploy anchors and boom with skiff at high tide.</p>	<p>Equipment</p> <p>700 ft. calm-water boom 2 25-lb anchors 2 sections ≥ 66 ft. tidal-seal boom Overpack drums Drip cloths Absorbent pads 10 bundles</p> <p>Support/Personnel/Shift</p> <p>Same as NCI-02-01</p>	<p>Same as NCI-02-01</p>	<p>Same as NCI-02-01</p>	<p>Same as NCI-02-01</p>	<p>Same as NCI-02-01</p>