

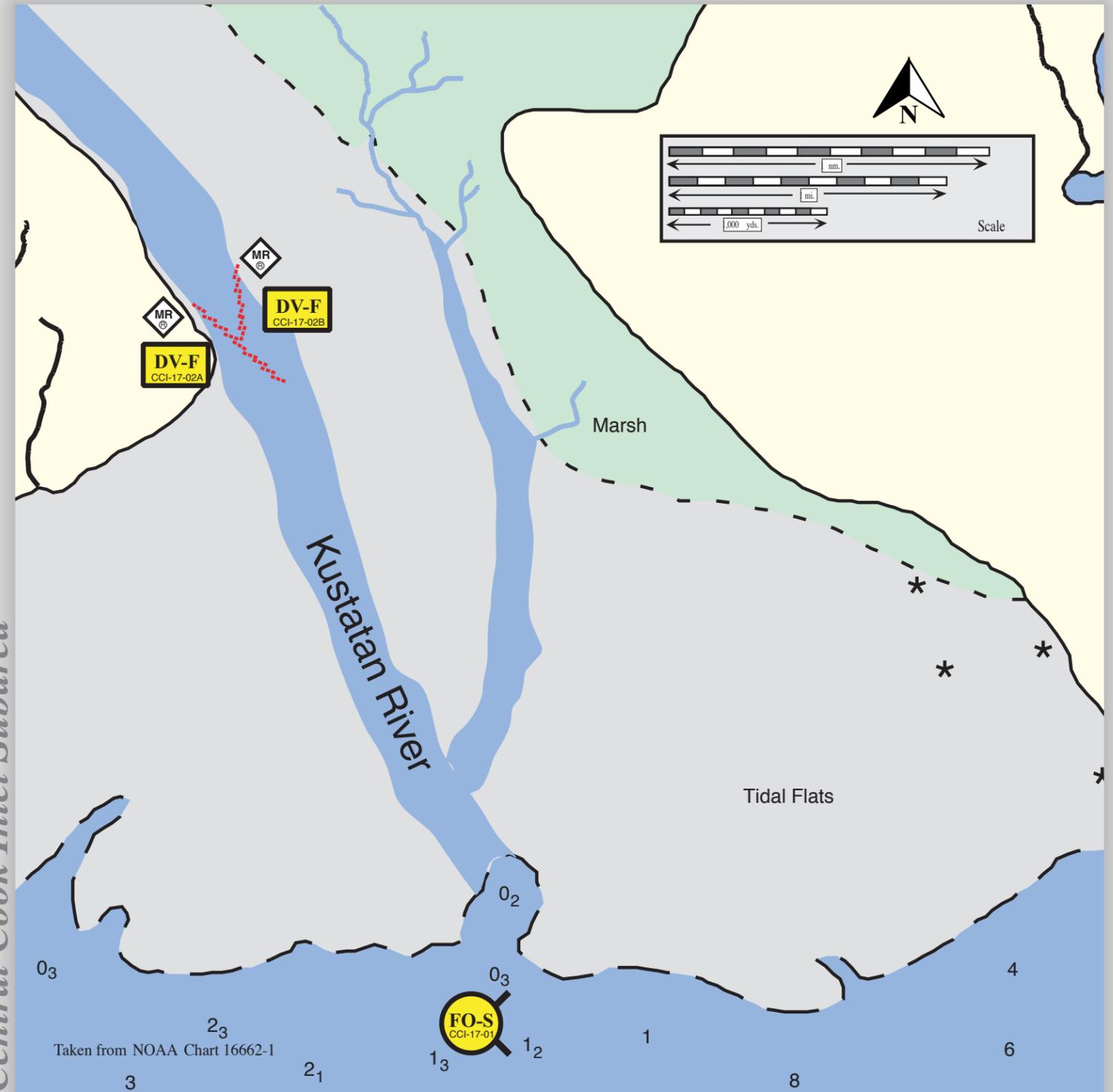
Kustatan River, CCI-17

Center of map at 60° 42.0' N Lat., 152° 45.5' W Lon.



Kustatan River, CCI-17-01 as viewed from the South.

Geographic Response Strategies for Central Cook Inlet Subarea



This map is not intended to be used for navigation.

Soundings in fathoms

Map
& Photo
Legend

-  Free-oil Containment and Recovery, Shallow Water – Located up current and upwind to maximize recovery.
-  Diversion Booming
-  Protected-water Boom
-  Marine Recovery

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
CCI-17-01	<p>Kustatan River</p> <p>Nearshore waters in the general area of: Lat. 60° 42.0 N Lon. 152° 45.5 W</p>	<p>* Maximize on-water recovery in the offshore & nearshore environment / outside the mudflats.</p>	<p>Deploy nearshore strike teams upwind and up current of the river entrance. Use aerial surveillance to locate incoming oil.</p>	<p>Multiple nearshore free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.</p>	<p>• Kenai Harbor or offshore support vessel.</p>	<p>Via marine waters See NOAA Chart 16662-1.</p>	<p>Same as CCI-17-02.</p>	<p>• Emphasis on offshore and nearshore efforts to keep product off of tidal areas since it would be virtually impossible to protect exposed tidal flats and habitat outside of the river entrance.</p> <p>• Shoal waters and rocks. Vessel masters should have local knowledge.</p>
CCI-17-02	<p>Kustatan River</p> <p>Located approximately 3.5 mi. southwest of West Forelands on the west side of Cook Inlet. Redoubt Bay State Critical Habitat Area. Features include exposed tidal flats and marshes around the mouth with mudflats that extend outward to the inlet up to 3 mi. at low water.</p> <p>02 A Lat. 60° 44.20 N Lon. 152° 51.04W</p> <p>02 B Lat. 60° 45.31 N Lon. 152° 52.14 W</p> <p>River Channel</p> <ul style="list-style-type: none"> • Average depth of 8-10 ft. at high water • Very defined channel entrance • Moderate currents • River is approximately 1 mi. wide at its entrance and 1500 ft. across upstream • Tidally influenced to about 2.5 mi. upriver <p>Docks</p> <ul style="list-style-type: none"> • None local. 	<p>* Divert spilled product to designated collection sites upstream on north and south shores.</p> <p>*Recover spilled product at designated collection sites</p> <p>* Trained crews should haze birds out of river mouth and adjacent marsh areas, once a hazing permit is issued.</p> <p>Seasonal Restriction River iced-in/not navigable from approximately November to April.</p>	<p>02A Place 1800 ft. of diversion boom in a cascade configuration to divert spilled product to south shore collection site.</p> <p>02B Place another 1200 ft. of diversion boom in a cascade configuration to divert spilled product to north shore collection site further upstream.</p> <p>Collect product with two marine collection units.</p>	<p>Equipment</p> <p>9 ea. 200 ft. river boom units (north shore) 6 ea. 200 ft. river boom units (South shore) 2 ea. protected water skimming systems 45 ea. 40 lb. anchor systems 2 ea. marine storage units 6000 ft. line 1 ea. wildlife hazing kit</p> <p>Support</p> <p>6 ea. vessel class #5/6 2 ea. shelter.</p> <p>Personnel/Shift</p> <p>18 ea. deploy & set-up 12 ea. tend & maintain</p>	<ul style="list-style-type: none"> • Localized elevated clearings near deployment sites. • Nearby Trading Bay or Drift River airstrips and helicopter lift to deployment sites. • Services - none. • Security - none. • Support - shelter. 	<p>Special Area permit need to work at this site. FOSC Historic Properties Title 16 permit may be required to work inside river. Contact Environmental Unit of the Unified Command for permits.</p> <p>REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist.</p> <p>Marine access with shallow draft vessels (May - September) Possible road access from Trading Bay crossing upstream approximately 5 mi. via ATV.</p> <p>Seasonal Restriction River iced-in/not navigable from approximately November - April</p>	<ul style="list-style-type: none"> • Tidal marshes (all year) • Salmon migration and spawning (May - October) • Intertidal salmon spawning (July - September) • Waterfowl and shore bird concentrations (all year) • Fishing (July - September) <p>Recreational use (June - September)</p> <ul style="list-style-type: none"> • Commercial fishing (June - September) 	<ul style="list-style-type: none"> • Brown bears present in summer months. • Very difficult and unsafe to protect exposed tidal flats outside river mouth. • Working on banks of the river may be restricted due to mudflat type terrain. Take care not to work or walk on oiled shoreline, to avoid driving oil into the soils. • Access above intertidal area will have to be resolved with landowners before setting anchors or staging areas. <p>Seasonal</p> <p>Summer response only.</p> <p>Limited winter access/river and shoreline ice-covered.</p>