

Map & Photo Legend



Iliuliuk Harbor and Captains Bay looking south.

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|----------------------------------|---------------------|
| Free-oil Recovery, Shallow Water | Calm-water Boom |
| Exclusion Booming | Staging Area |
| Sea-water Intake | Gate |
| Protected-water Boom | Large Anchor System |
| | Road |

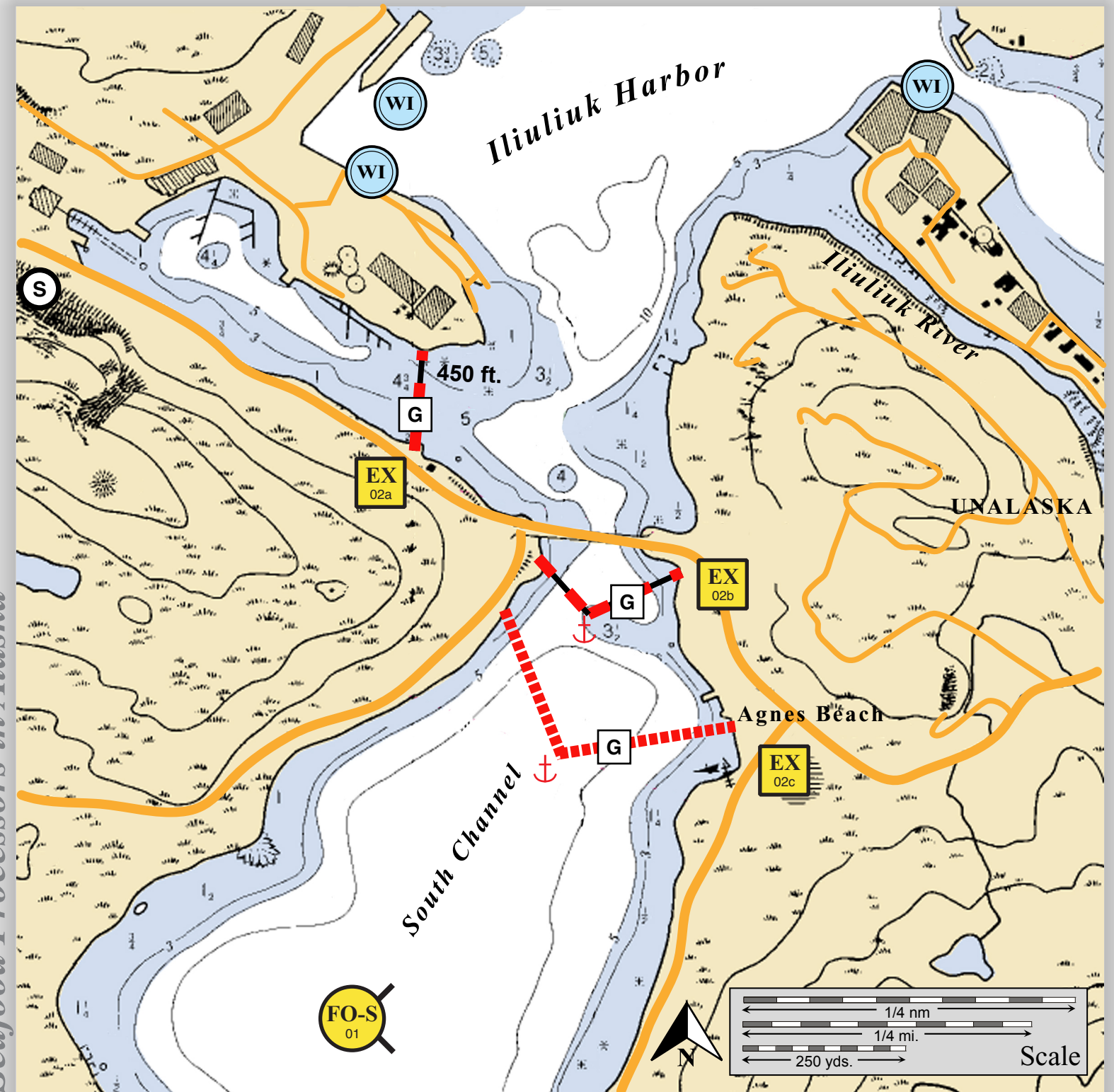


South Channel and Iliuliuk looking northwest.

Iliuliuk Harbor - Southern Entrance, AK PPP-03



Center of map at 53° 52.74' N Lat., 166° 32.80' W Lon.

Processor Protection Plans for Seafood Processors in Alaska



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
AK-PPP03-01 	Iliuliuk Harbor Nearshore waters in the general area of: Lat. 53°52.74'N Lon. 166°32.80'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Iliuliuk Harbor depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Iliuliuk Harbor. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts the fish processing facility in Iliuliuk Harbor.	Vessel Platform	Via marine waters Chart 16530-1	Fish- intertidal spawning-salmon (May-Sept.) Birds-waterfowl concentration, eagle nesting Marine mammals- seals, Human use- Unisea Seafoods Processing Facility, Alyeska Seafoods Processing Facility, Small Boat Harbor	Vessel master should have local knowledge. Use extreme caution, shoal waters and extensive commercial vessel traffic.
AK-PPP03-02 	Iliuliuk Harbor Shoreside Anchor Points Small Boat Harbor a. Lat. 53°52.59'N Lon. 166°33.00'W Lat. 53°52.52'N Lon. 166°33.01'W South Channel b. Lat. 53°52.44'N Lon. 166°32.85'W Lat. 53°52.44'N Lon. 166°32.69'W c. Lat. 53°52.36'N Lon. 166°32.96'W Lat. 53°52.31'N Lon. 166°32.62'W	Exclusion Exclude oil from entering the harbor and impacting the operations of the seafood processing facilities and vessels that operate in Iliuliuk Harbor.	Deploy anchors and boom with skiffs at high tide. For (a) place 450 ft. of calm-water boom across the entrance to the small boat harbor. For (b) deploy 750 ft. of calm-water boom in a chevron pattern across the channel. If sea-state conditions make (b) unworkable, deploy (c) using 1700 ft. of protected-water boom in a chevron pattern. For all exclusion arrays establish a gate in the boom to allow vessel access. Operating the gates will require a fishing vessel with sufficient power to manage the boom in a variety of conditions. For (b&c) use a large anchor system at the apex to ensure that the array remains set in tidal conditions and while operating the gating system. Tend throughout the tide.	Deployment Equipment 450 ft. calm-water boom for EX02a 750 ft. calm-water boom for EX02b 1700 ft. protected-water boom for EX02c 2 ea. large anchor systems 11 ea. small anchor systems 8 ea. anchor stakes 2 ea. gate system Vessels 1 ea. class 3 2 ea. class 6 Personnel/Shift 7 ea. vessel crew 2 ea. response techs Tending Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 3 ea. vessel crew 2 ea. response tech	Small Boat Harbor	Via marine waters Chart 16530-1	Same as AK-PPP03-01	Vessel master should have local knowledge. Geographic Response Strategy for the Iliuliuk River, AEB-17 should be deployed concurrently. Tested: not yet