



The Cook Inlet Tug & Barge Pier, 39-S , and the Small Boat launch Ramp viewed from the west.



The Port of Anchorage and surrounding facilities viewed from the northwest.



The Port of Anchorage, 02-D, viewed from the southwest.

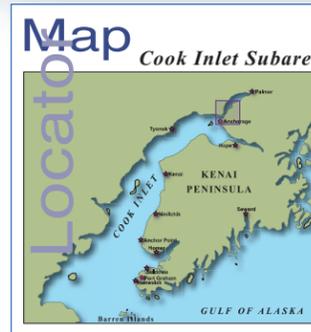
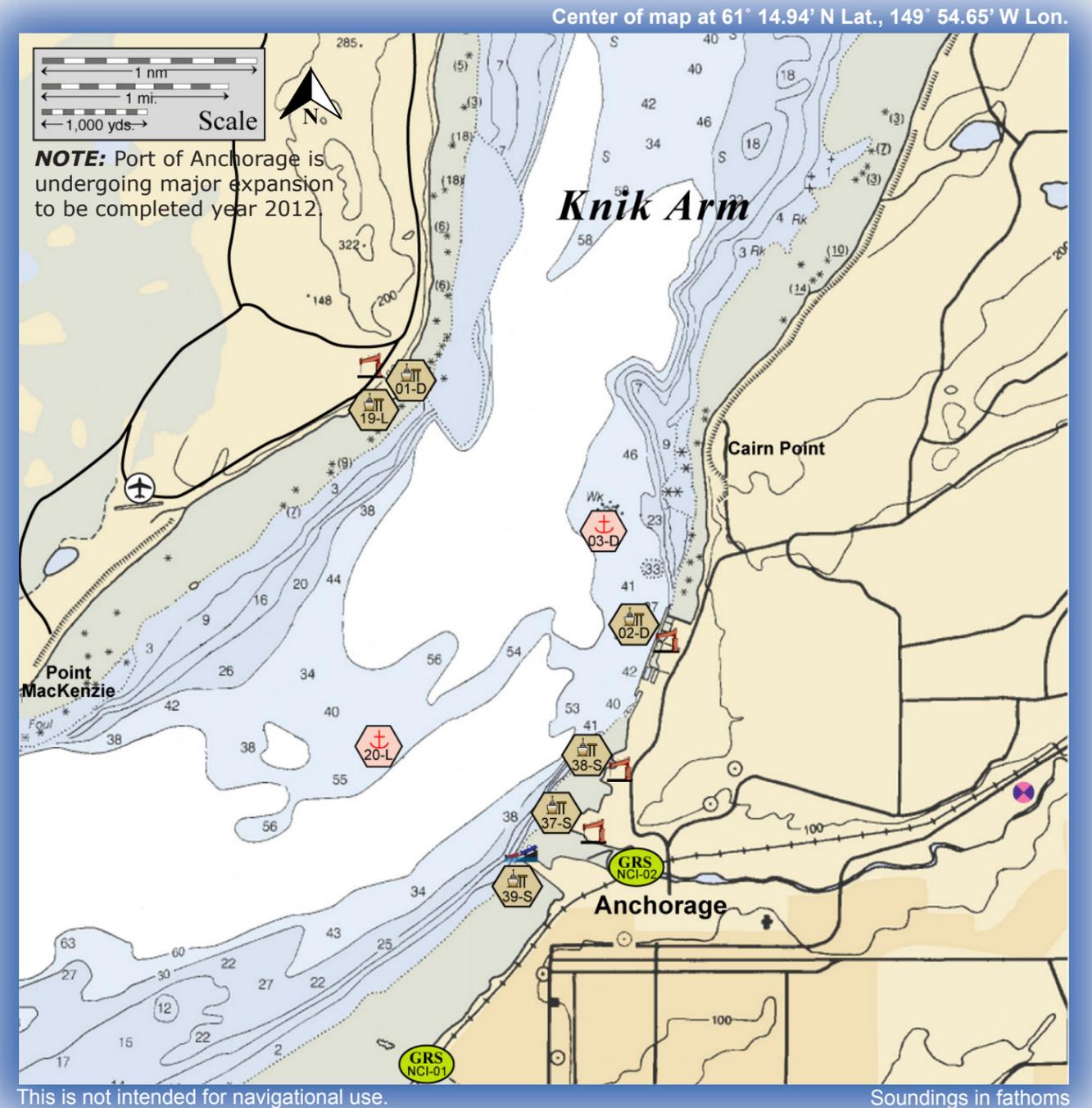


Port MacKenzie, 01-D & 19-L, viewed from the northeast.



The approach to the Port Of Anchorage and Port Mackenzie viewed from the south.

Potential Places of Refuge for Cook Inlet Subarea



	Anchorage		Fish Hatchery
	Mooring		Private Cabins
	Dock/pier		Public Use Cabins
	Crane		Boat Ramp
	Airport		Boat Harbor
	Existing GRS		

Cook Inlet
PPOR
Map 01

COOK INLET PPOR-01 Northern Area – Physical and Operational Characteristics

	Port MacKenzie - Deep Water Dock	Port of Anchorage Dock Complex	Knik Anchorage	Port MacKenzie - Freight Dock	Port of Anchorage-Anchorage	Anchorage Terminal Dock	Anderson Terminal Dock	Cook Inlet Tug & Barge-Pier
ID Number	01-D	02-D	03-D	19-L	20-L	37-S	38-S	39-S
Location	61°15.55N 149°55.95W	61°14.43N 149°53.31W	61°14.80N 149°53.67W	61°15.51N 149°56.13W	61°13.94N 149°55.85W	61°13.73N 149°54.49W	61°13.93N 149°54.49W	61°13.46N 149°54.55W
Maximum Vessel Size	Deep draft, greater than 20,000 Gross Tons			Light draft, up to 20,000 Gross Tons		Shallow draft, 300 Gross Tons and less		
Type of Berthing	Dock		Anchorage-high current, vessel likely to drag	Dock	Anchorage-high current, vessel likely to drag	Dock		
Contact	Port MacKenzie Director 907.746.7414	Port of Anchorage Operation Director-907.343.6200		Port MacKenzie Director 907.746.7414	Port of Anchorage Operation Director-907.343.6200	North Star Terminal & Stevedore Co. 907.272.7537	Alaska Basic Industries- 907.277.7023	Cook Inlet Tug&Barge- 907.277.7611
Navigational Approach	Approach from S,NE	Approach from SW	Approach from SW	Approach from the S	Approach from the SW,N	Approach from the SW		
Minimum Water Depth	31 Feet on approach	36 Feet at dock face	36 Feet in the swing area	20 Feet at the dock face	40 Feet in the swing area	4.5 Fathoms in the swing area	5.75 Fathoms in the swing area	Pier goes dry at low water
Maximum Water Depth	60 Feet at the dock face	36 Feet on approach	46 Feet in the swing area	20 Feet at the dock face	70 Feet in the swing area	4.5 Fathoms in the swing area	8 Fathoms in the swing area	Pier goes dry at low water
Maximum Vessel Draft	50 ft.	50 ft.	50 ft.	30 ft.	30 ft.	10 ft.	10 ft.	Tidal Dependent
Swing Room/Dock Face	1200 ft.	2800 ft.	1500 ft.	500 ft.	3600 ft.	250 ft.	375 ft.	100 ft.
Bottom Type	N/A		Mud	N/A	Sand/Silt	N/A		
Docks/Piers	Nearest Alt. Dock-PPOR-01-02-D Port of Anchorage	Nearest Alt. Dock-PPOR-01-01-D Port MacKenzie	Nearest Alt. Dock-PPOR-01-02-D Port of Anchorage	Nearest Alt. Dock-PPOR-01-20-L Port of Anchorage	Nearest Dock- PPOR-01-19-L Port MacKenzie	Nearest Alt. Dock-PPOR-01-38-S Anderson Terminal Dock	Nearest Alt. Dock-PPOR-01-37-S Anchorage Terminal Dock	Nearest Alt. Dock-PPOR-01-38-S Anderson Terminal Dock
Moorings	Nearest Mooring-Kachemak Bay#1 Mooring-PPOR-03-10-D					Nearest Mooring- Nikiski Bay PPOR-02-39-S		
Anchorage	Nearest Anchorage-Knik Anchorage PPOR-01-03-D		Nearest Alt. Anchorage- Redoubt Bay-Anchorage PPOR02-07-D	Nearest Anchorage-Light Point Anchorage PPOR-02-21-L				
Prevailing Winds	Winter-northerly, Summer-southerly, southeasterly							
Currents	Strong tidal currents occur in Northern Cook Inlet							
Tides	Mean High Water- 28.1 (Higher- 28.8) , Mean Low Water- 2.2 (Lower- -6.0)							
Sea Conditions	Exposed to southern swell	Exposed to swell from the SW & N		Exposed to southern swell	Exposed anchorage	Exposed to swell from the SW & N		
Shelter from Severe Storms	Sheltered from W storms	Sheltered from storms from the E		Sheltered from W storms	Minimal protection	Sheltered from storms from the E		
Fog	Fog can occur during all seasons							
Sea ice	Large pan ice conditions can occur from November-March							

NOTE: Port of Anchorage is undergoing major expansion to be completed year 2012.

COOK INLET PPOR-01 Northern Area – Site Considerations

	Port MacKenzie-Deep Water Dock	Port of Anchorage Dock Complex	Knik Anchorage	Port MacKenzie-Freight Dock	Port of Anchorage-Anchorage	Anchorage Terminal Dock	Anderson Terminal Dock	Cook Inlet Tug & Barge-Pier
ID Number	01-D	02-D	03-D	19-L	20-L	37-S	38-S	39-S
Human Health & Safety								
Communities – distances-nm	Anchorage-2	Anchorage- 0	Anchorage- 0.2	Anchorage-2	Anchorage- 0.5	Anchorage- 0		
Natural Resource Considerations								
Fish & Wildlife	Spawning salmon, seals, beluga whales, seabird & eagle nesting, waterfowl & shorebird concentration							
Threatened & Endangered Species	Cook Inlet Beluga Whales are a "Species of Concern"							
Sensitive Areas	No	Ship Creek, Fish Creek-nearby		No	Ship Creek, Fish Creek-nearby	Ship Creek, Fish Creek-nearby		
Other Stakeholder Considerations								
Fisheries	None							
Historic Properties	If suspected cultural artifacts are encountered, notify the State Historic Preservation Office and the land managers. Review adjacent GRS (if applicable) for information on historic properties.							
Mariculture	None	Enhanced salmon runs and Salmon Hatchery in Ship Creek		None	Enhanced salmon runs and Salmon Hatchery in Ship Creek			
Subsistence	None							
Tourism/Recreation	High recreational use area- sport fishing, wildlife viewing, tourism							
Waterfront Public Facilities/Parks	Gravel Ramp Adjacent	Anchorage Small Boat Harbor		Gravel Ramp Adjacent	Anchorage Small Boat Harbor			
Waterfront Private Facilities	Private Mobile Crane	Cranes and Port Facilities	Port of Anchorage nearby	Private Mobile Crane	Cranes and Port Facilities			
Response and Salvage Resource Considerations								
Ability to Boom Vessel	No-High Current Area							
Geographic Response Strategies	NCI-01,02					NCI-01,02		
Closest Alternative Places of Refuge (same sized vessel)	PPOR 01-03-D Knik Anchorage: 1.3 nm.	PPOR 01-03-D Knik Anchorage: 0.5 nm.	PPOR 01-02-D Port of Anchorage: 0.5 nm.	PPOR 01-20-L Port of Anchorage-Anchorage: 1.3 nm.	PPOR 01-19-L Port MacKenzie: 1.3 nm.	PPOR 01-38-S Anderson Terminal Dock: 0.25 nm.	PPOR 01-37-S Anchorage Terminal Dock: 0.25 nm.	PPOR 01-38-S Anderson Terminal Dock: 0.25 nm.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Cook Inlet Subarea Contingency Plan: <http://www.akrrt.org/cookinletplan/cookinletplantoc.shtml>