



The Homer Barge Basin, 43-S, viewed from the northeast.



The Homer Deep Water Dock, 13-D, viewed from the northeast.



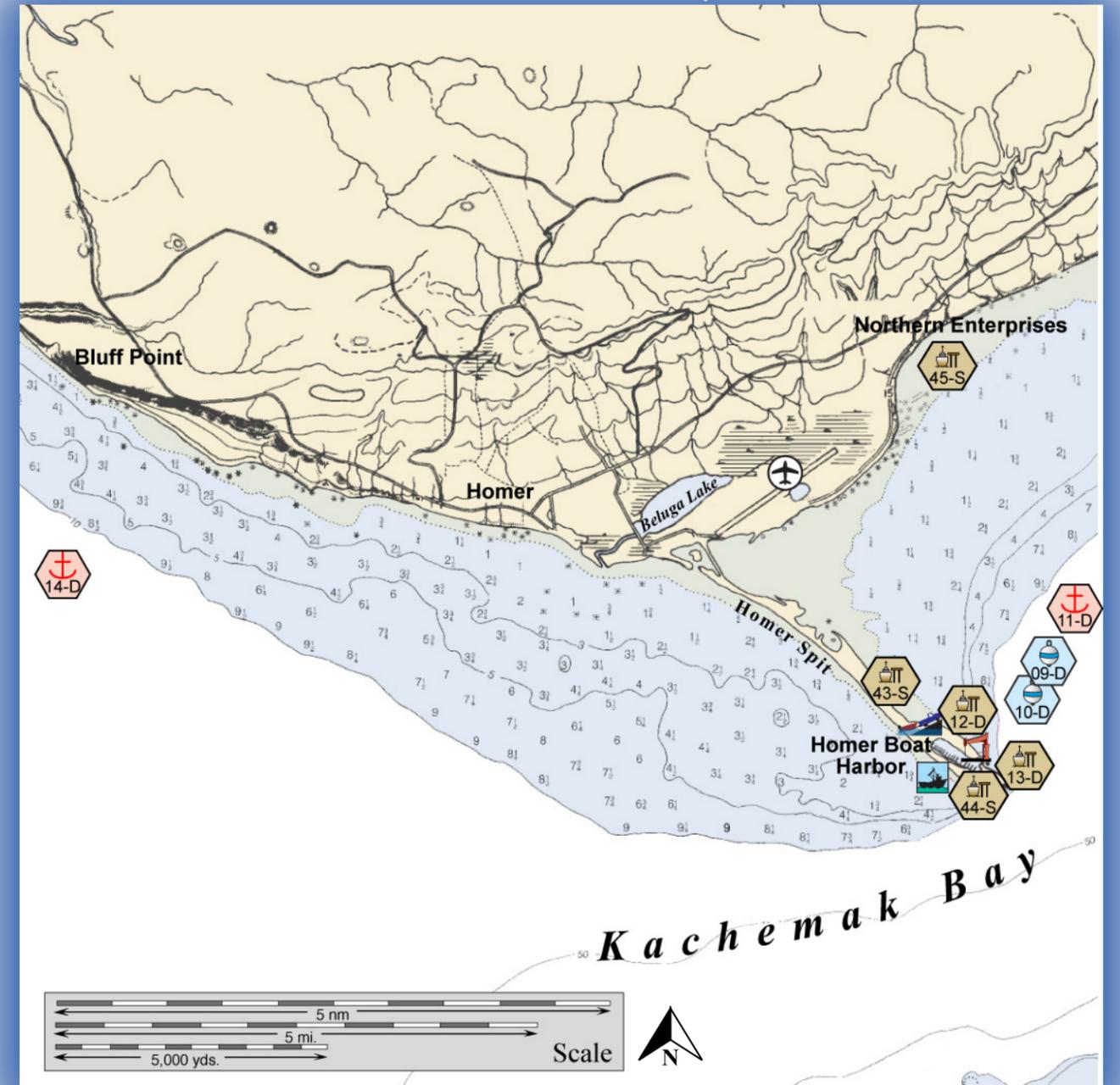
The Pioneer Dock, 12-D, viewed from the northeast.



The Homer Spit with the port facility and Small Boat Harbor viewed from the northeast.

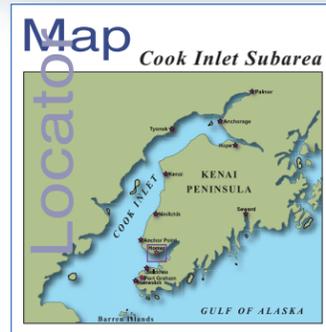
Potential Places of Refuge for Cook Inlet Subarea

Center of map at 59° 38.43' N Lat., 151° 32.87' W Lon.



This is not intended for navigational use.

Soundings in fathoms



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

Cook Inlet PPOR Map 03

COOK INLET PPOR-03 Homer Spit – Physical and Operational Characteristics

	Kachemak Bay Mooring #1	Kachemak Bay Mooring #2	Homer Spit	Pioneer Dock	Homer Deep Water Dock	Kachemak Bay-Bluff Point	Homer Barge Basin	Homer Fish Dock	Northern Enterprises		
ID Number	09-D	10-D	11-D	12-D	13-D	14-D	43-S	44-S	45-S		
Location	59°37.14N 151°24.16W	59°36.88N 151°24.37W	59°37.49N 151°23.59W	59°36.32N 151°24.98W	59°36.17N 151°24.72W	59°37.96N 151°41.78W	59°36.99N 151°26.89W	59°36.12N 151°25.01W	59°40.06N 151°25.99W		
Maximum Vessel Size	Deep draft, greater than 20,000 Gross Tons						Shallow draft, 300 Gross Tons and less				
Type of Berthing	Mooring		Anchorage		Dock		Anchorage				
Contact	Cook Inlet Marine 907.235.8086	Cook Inlet Tug & Barge 907.277.7611	NA		Harbor Master-907.235.3160		NA		NorthStar Terminal & Stevedore 907.235.6008	Harbor Master-907.235.3160	Manager-907.235.8234
Navigational Approach	Approach from SW			Approach from the S,E		Approach from S-NW		Approach from E		Enter harbor through channel	Tidally Limited
Minimum Water Depth	90 ft in swing area	90 ft in swing area	60 ft.in swing area	40 ft.at dock face	40 ft.at dock face	60 ft. in swing area	2.2 Fathoms at dock face	3.2 Fathoms at dock face	0 ft.		
Maximum Water Depth	120 ft in swing area	120 ft in swing area	60 ft.in swing area	40 ft.at dock face	40 ft.at dock face	110 ft. in swing area	2.2 Fathoms at dock face	3 Fathom on approach	15 ft. at dock face		
Maximum Vessel Draft	60 ft.			35 Ft.		45 ft.	10 ft.	15 ft.	12 ft.		
Swing Room/Dock Face	3600 ft.	3600 ft.	3600 ft.	469 ft. (750 w dolphins)	324 ft.(820 w dolphins)	4200 ft.	300 ft.	383 ft	100 ft.		
Bottom Type	NA		Mud		NA		Sand/Mud/Clay		NA		
Docks/Piers	Nearest Dock-PPOR-03-12-D Homer Deep Water Dock				Nearest Alt. Dock-PPOR-03-12-D Pioneer Dock	Nearest Alt. Dock-PPOR-03-12 Pioneer Dock	Nearest Alt. Dock-PPOR-03-43-S Homer Fish Dock	Nearest Alt. Dock-PPOR-03-42-S Homer Barge Basin			
Moorings	Nearest Alt. Mooring-PPOR-03-10-D Kachemak Bay Mooring #2	Nearest Alt. Mooring-PPOR-03-09-D Kachemak Bay Mooring #1				Nearest Alt. Mooring-PPOR-03-09-D Kachemak Bay Mooring #1					
Anchorage	Nearest Alt. Anchorages PPOR-03-11-Homer Spit Anchorage		Nearest Alt. Anchorages PPOR-04-12-Bluff Point Anchorage	Nearest Alt. Anchorages PPOR-03-11-Homer Spit Anchorage		Nearest Alt. Anchorage-PPOR-03-11-Homer Spit Anchorage		Nearest Alt. Anchorage-PPOR-04-22-L Kasitna Bay			
Prevailing Winds	Winter winds are generally northeasterly, Summer winds are generally southwesterly										
Currents	Tidal currents in this area run 1.5-3.0 kt.			Tidal current can set vessels E on ebb and flood	Ebb currents set vessels off dock, Flood sets on dock	Current runs north and out of Kachemak Bay (1-1.5 kt)		Tidal currents in this area run 1.5-4.0 kt.			
Tides	Mean High Water- 17.3 (Higher- 18.1) , Mean Low Water- 1.6 (Lower- -7.0)					Mean High Water- 17.5 (Higher- 18.3) , Mean Low Water- 1.7 (Lower- -7.0)		Mean High Water- 17.3 (Higher- 18.1) , Mean Low Water- 1.6 (Lower- -7.0)			
Sea Conditions	Exposed to E swell					Exposed S-NW		Protected from swell			
Shelter from Severe Storms	Sheltered from S-W storms					Sheltered N-E storms		Sheltered from storms			
Fog	Fog can occur during all seasons.										
Sea ice	Grey ice may form in protected waters/harbors during colder periods in winter										

Site ID Number and Vessel Size Classification	COOK INLET PPOR-03 Homer Spit – Site Considerations									
D = Deep Draft Vessel, greater than 20,000 GT										
L = Light Draft Vessel, up to 20,000 GT										
S = Shallow Draft Vessel, 300 GT and less										
	Kachemak Bay Mooring #1	Kachemak Bay Mooring #2	Homer Spit Anchorage	Pioneer Dock	Homer Deep Water Dock	Kachemak Bay-Bluff Point	Homer Barge Basin	Homer Fish Dock	Northern Enterprises	
ID Number	09-D	10-D	11-D	12-D	13-D	14-D	43-S	44-S	45-S	
Human Health & Safety										
Communities – distances-nm	Homer-0.2			Homer-0.0		Homer-6, Anchor Point-8, Seldovia-12		Homer-0.0		
Natural Resource Considerations										
Fish & Wildlife	Sea otters, seals, waterfowl & shorebird concentrations, eagle nesting									
Threatened & Endangered Species	Steller's Eider may be present, Steller's sea lions forage in the area, Cook Inlet Beluga Whales are a "Species of Concern" (yr 2007)									
Sensitive Areas	Kachemak Bay is designated a Most Environmentally Sensitive Area (MESA-53) and as Kachemak Bay Estuarine Research Reserve									
Other Stakeholder Considerations										
Fisheries	Salmon, groundfish									
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	Enhanced salmon runs on Homer Spit Lagoon					None		Enhanced salmon runs on Homer Spit Lagoon		
Subsistence	Salmon					Salmon, groundfish		Salmon		
Tourism/Recreation	High recreational use area- sport fishing, kayaking, anchorage, excursion boats, wildlife viewing									
Waterfront Public Facilities/Parks	Homer Harbor- Kachemak Bay Estuarine Research Reserve, Kachemak Bay State Critical Habitat Area									
Waterfront Private Facilities	Northern Enterprise Boat Yard-70 ton travel lift, Homer Barge Basin, private cranes					None		Northern Enterprise Boat Yard-70 ton travel lift, Homer Barge Basin, private cranes		
Response and Salvage Resource Considerations										
Ability to Boom Vessel	Weather dependent							Yes		Weather dependent
Geographic Response Strategies	None									
Closest Alternative Places of Refuge (same sized vessel)	PPOR 03-10-D Kachemak Bay Mooring #2: 0.3 nm.	PPOR 03-09-D Kachemak Bay Mooring #1: 0.3 nm.	PPOR 03-09-D Kachemak Bay Mooring #1: 0.3 nm.	PPOR 03-13-D Homer Deep Water Dock: 0.2 nm.	PPOR 03-12-D Pioneer Dock: 0.2 nm.	PPOR 03-11-D Homer Spit Anchorage: 11 nm.	PPOR 03-44-S Homer Fish Dock: 8 nm.	PPOR 03-43-S Homer Barge Basin: 1.5 nm.	PPOR 03-43-S Homer Barge Basin: 3 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>