

# CORPS OF ENGINEERS ALASKA DISTRICT

## 2013 Dredging Projects

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Operations Manager

JBER, Alaska

September 5, 2012



US Army Corps of Engineers  
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Building and Preserving Alaska's Future



# **AWARDED CONTRACTS**

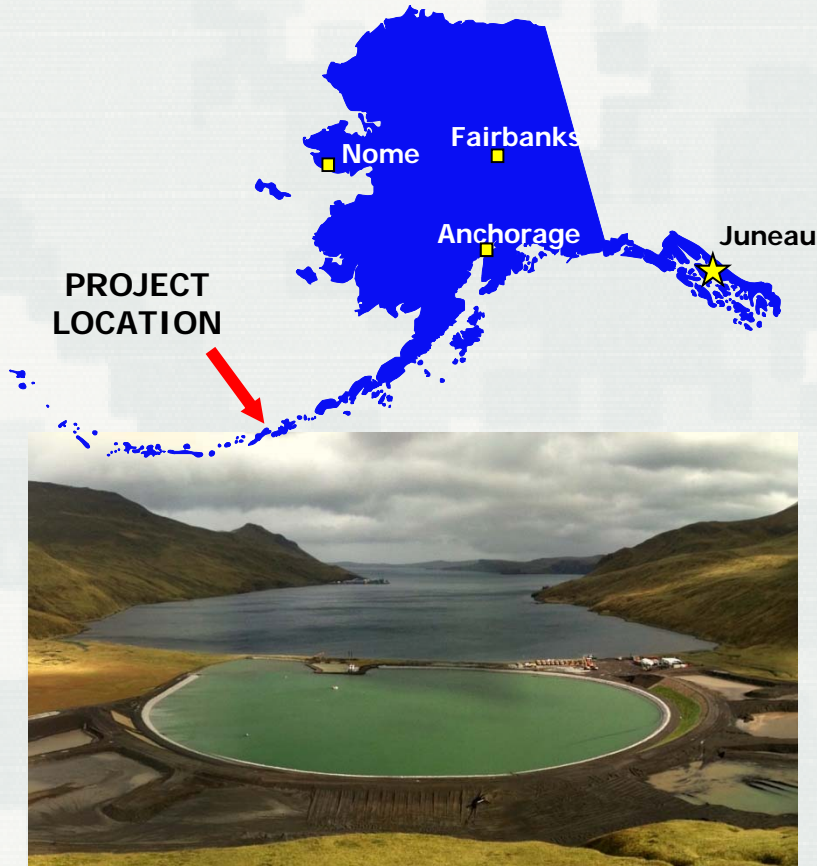


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# AKUTAN HARBOR



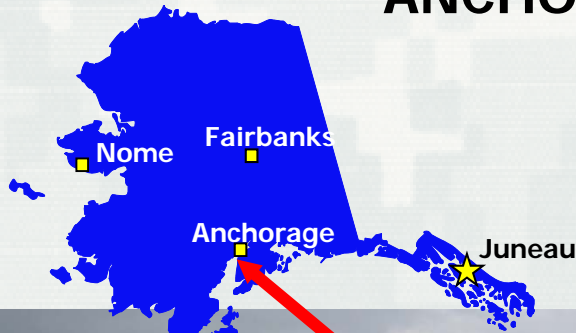
- **Location:** Akutan is located in the Aleutian Island chain 766 air miles southwest of Anchorage and 35 miles east of Unalaska.

- **Project Description:** The proposed harbor will provide a 15 acre protected mooring basin and serve as the operations base for 58 commercial fishing vessels. Akutan is one of the most important fishing ports in the US in terms of volume and value of seafood production.

- **New Construction 2010 thru 2012**
- **Dredge Type:** Pipeline & Conventional Excavation Equipment
- **Quantity:** Dredge 960,000 CY Unconsolidated Sands and Construct 1,200 LF of Breakwater
- **Authorized Project Depth:** -14 & -18 ft MLLW
- **Dredge Period:** No In-Water Work (Bay) 1 April to 14 Nov.
- **Disposal:** Upland Stockpile
- **Contractor:** Knik Construction Co.
- **Contract Type:** RFP
- **Scheduled Completion Date:** October 2012

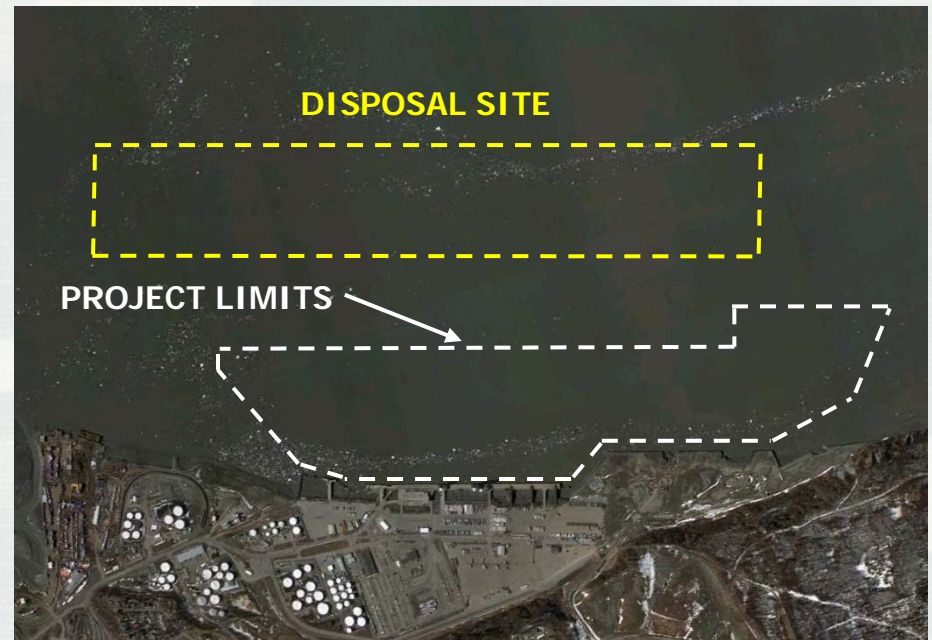


# ANCHORAGE HARBOR



• **Location:** Anchorage is located at the northern end of Cook Inlet in south-central Alaska.

• **Project Description:** Authorized by the Rivers and Harbors Act, 3 July 1958, and amended by P.L. 108-447 in 2005 to replace the existing dock with a new 10,860 foot long inter-modal marine facility. This port is the largest cargo port in Alaska serving as the main supply and distribution center for the south-central and interior areas as well as the two large military bases within the Municipality of Anchorage. Water Borne Commerce was 2,702,836 tons for year 2010.



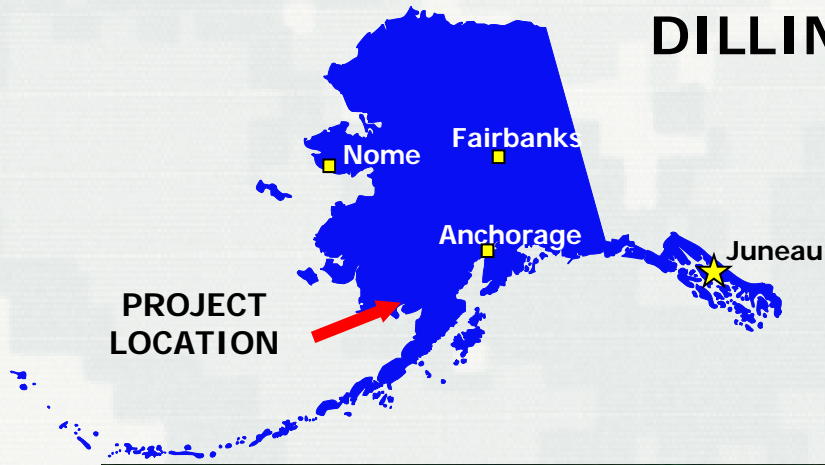
- **Maintenance Dredging 2012 thru 2014**
- **Dredge Type: Hopper**
- **Quantity: 950,000 CY/year**
- **Authorized Project Depth : -35 ft MLLW**
- **Dredge Period: 1 May to 31 October**
- **Disposal: In-Water**
- **Contractor: Manson Construction Co.**
- **Contract Type: RFP Base + 2 Option Years**



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# DILLINGHAM HARBOR



- **Location:** Northern end of Nushagak Bay in western Alaska.
- **Project Description:** The Rivers and Harbors Act of 1958 provides for a 650 to 800 foot wide by 700 foot long basin utilizing a 1,100 foot long entrance channel to Nushagak Bay. The harbor provides half-tide access and all-tide moorage for over 320 commercial fishing vessels. The harbor is also used as an alternate landing area for lightering vessels.



- **Maintenance Dredging 2009 thru 2013**
- **Dredge Type:** Pipeline
- **Quantity:** 90,000 CY/year
- **Authorized Project Depth:** +2 ft MLLW
- **Dredge Period:** 15 May to 15 July
- **Disposal:** In-Water
- **Contractor:** Portable Hydraulic Dredging
- **Contract Type:** IFB Base + 4 Option Years

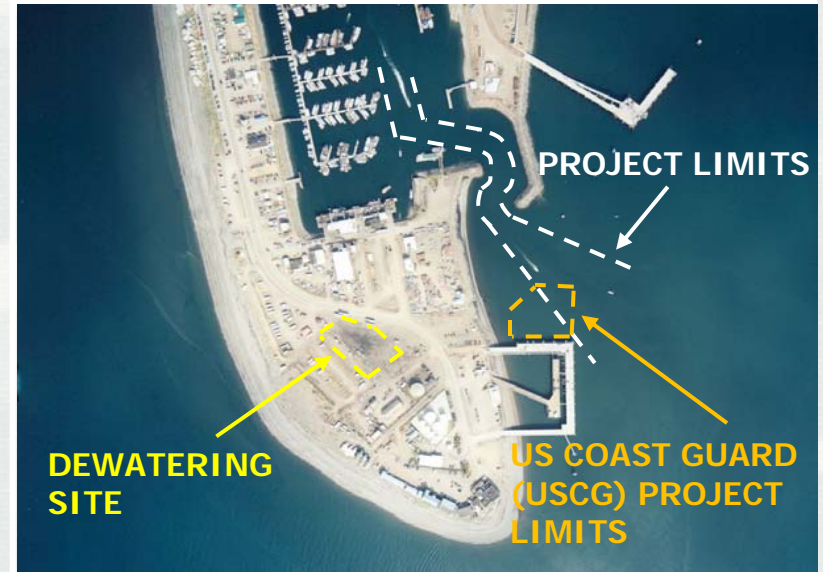


# HOMER SMALL BOAT HARBOR



• **Location:** Southern end of the Kenai Peninsula in south-central Alaska.

• **Project Description:** Authorized by the River and Harbors Acts of 1958 and 1964. The 50-acre project provides sheltered moorage for over 1,525 commercial fishing and recreational vessels. The harbor is an integral part of Homer's economy and supports barges, USCG vessels, and the commercial fishing fleet.



- **Maintenance Dredging 2012 thru 2016**
- **Dredge Type: Pipeline**
- **Quantity: 8,500 CY/year**
- **Authorized Project Depth: -20 ft MLLW**
- **Dredge Period: USCG Dock in April; Harbor & USCG Dock in September to mid-October**
- **Disposal: Upland Beneficial Use**
- **Contractor: Alaska Marine Excavation**
- **Contract Type: RFP Low Price Technically Acceptable (LPTA) Base + 4 Option Years**



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# NINILCHIK HARBOR

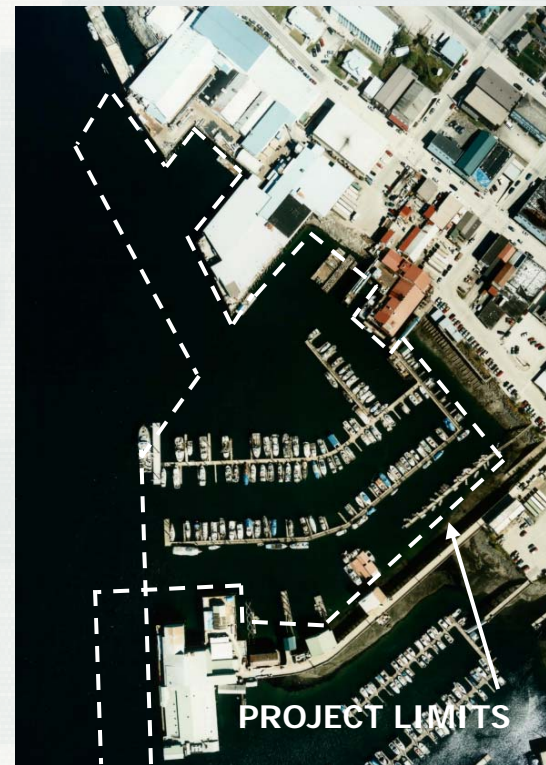


- **Location:** Western side of the Kenai Peninsula on the shores of lower Cook Inlet.
- **Project Description:** Authorized by the Rivers and Harbors Act of 1958. The small basin provides protected moorage with half-tide access for 32 vessels. The basin and channel also provide access for fishing boats to unload their catch and take on supplies. It is also an important harbor of refuge in the lower Cook Inlet region.

- **Maintenance Dredging 2012 thru 2016**
- **Dredge Type:** Pipeline
- **Quantity:** 11,000 CY/year
- **Authorized Project Depth:** +2 & +9 ft MLLW
- **Dredge Period:** 25 April to 15 May
- **Disposal:** Upland Beneficial Use
- **Contractor:** Alaska Marine Excavation
- **Contract Type:** RFP Low Price Technically Acceptable (LPTA) Base + 4 Option Years



# PETERSBURG HARBOR



- **Location:** Petersburg harbor is located on the northwest end of Mitkof Island, where the Wrangell Narrows meet Frederick Sound. The city lies midway between Juneau and Ketchikan, approximately 120 miles from either community.

- **Project Description:** The Rivers and Harbors Acts of 1935, 1945, and 1954 provides for suitable approaches to the wharves, a small boat basin, and channel near the Forest Service float. This project supports one of the top-ranking ports in the US for the quality and value of fish landed. Petersburg is also the supply and service center for several smaller communities.

- **Maintenance Dredging 2013**
- **Dredge Type: Mechanical**
- **Quantity: 26,400 CY**
- **Authorized Project Depth: -11, -15, & -24 ft MLLW**
- **Dredge Period: 1 September to 1 December**
- **Disposal: Upland Beneficial Use**
- **Contract Type: IFB**
- **Advertise Date: 22 June, 2012**
- **Award Date: 20 August, 2012**





# SEWARD HARBOR



- **Location:** Seward harbor is located on the east coast of the Kenai Peninsula in Resurrection Bay approximately 125 highway miles south of Anchorage.

- **Project Description:** The Rivers and Harbors Act of 1964 and Water Resources Development Act of 1999 provides for a mooring basin, entrance channel, and two breakwaters of 1,060ft and 1,750ft in length. The small boat basin is used as a base of operations for approximately 650 fishing, tourism, and recreation vessels. The port also serves cruise ships, cargo barges, and ocean freighters from Seattle and overseas.

- **Maintenance Dredging 2012 thru 2013**
- **Dredge Type: Mechanical**
- **Quantity: 12,500 CY**
- **Authorized Project Depth: -12.5, -13, & -15 ft MLLW**
- **Dredge Period: 15 September to 31 March**
- **Disposal: Upland and In-Water**
- **Contractor: West Construction**
- **Contract Type: Civil Works Indefinite Delivery Type Task Order**



# UPCOMING CONTRACTS

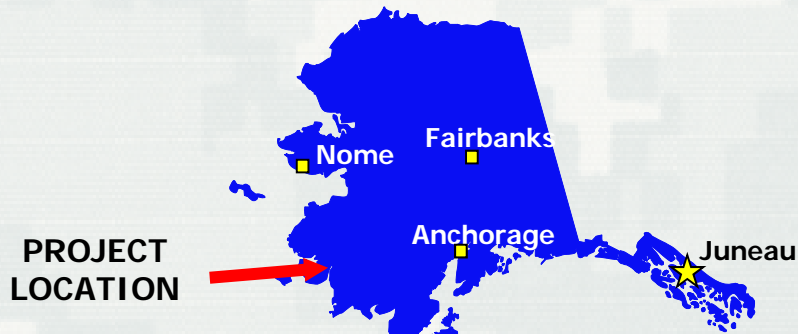


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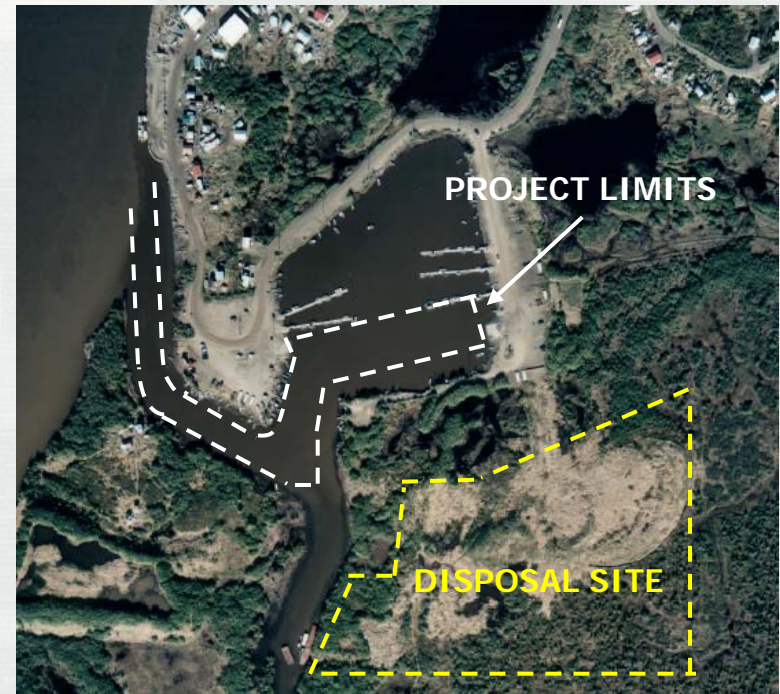
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# BETHEL HARBOR



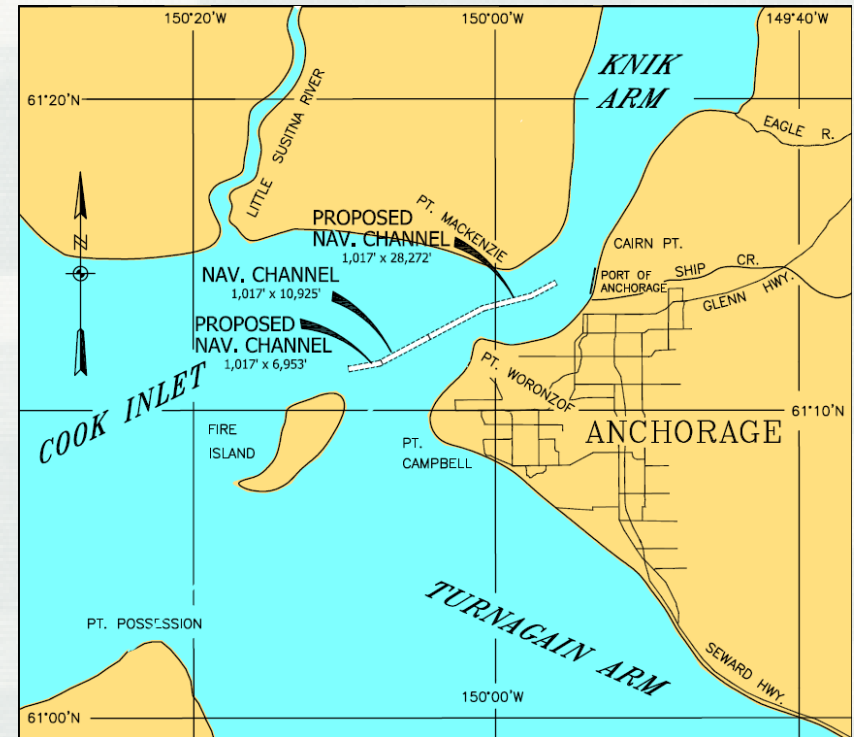
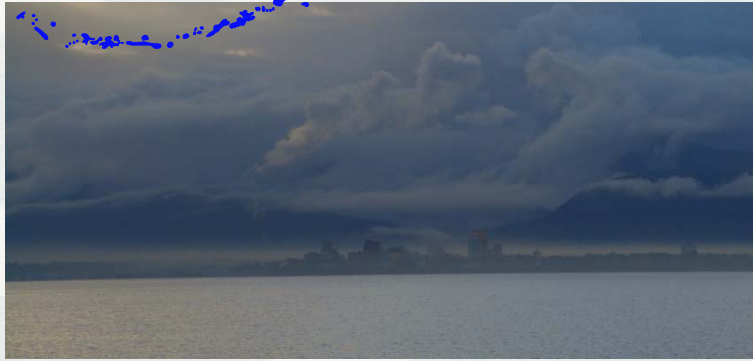
- **Location:** Bethel harbor is located on the southwest coast of Alaska at the mouth of the Kuskokwim River. The city is approximately 400 miles west of Anchorage.
- **Project Description:** The Rivers and Harbors Acts of 1960 and 1982 provides for an entrance channel, maneuvering and turning channel, and 12 acre basin for approximately 1,200 small boats. This project is the main protected harbor of the Kuskokwim River. Bethel is the transportation and commerce center for the Kuskokwim Delta.



- **Maintenance Dredging 2013**
- **Dredge Type: Conventional Excavation Equipment**
- **Quantity: 17,800 CY**
- **Authorized Project Depth: -4 ft MLLW**
- **Dredge Period: Winter to 1 May, 2013**
- **Disposal: Upland Stockpile**
- **Contract Type: IFB**
- **Advertise Date: 09 August, 2012**
- **Bid Open Date: 10 September, 2012**



# COOK INLET NAVIGATION CHANNEL



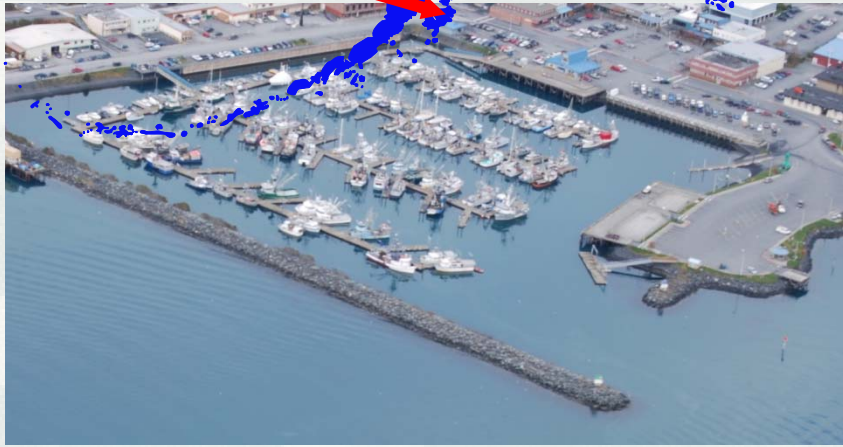
- **Location:** Cook Inlet Navigation Channel is located in Knik Arm approximately 7 miles southwest of the Port of Anchorage.
- **Project Description:** The Water Resources Development Act of 1996 and Energy and Water Development Appropriations Act of 1999 provide a navigation channel approximately 10,925ft long X 1,017ft wide. This project provides additional time for the passage of deep draft vessels transiting to and from the Port of Anchorage. Construction was completed in 2000.

- **Maintenance Dredging 2013 thru 2016**
- **Dredge Type:** Hopper or possible Clam Shell
- **Quantity:** 4 Million CY
- **Authorized Project Depth:** -38 ft MLLW
- **Dredge Period:** 1 May to 31 October
- **Disposal:** In-Water
- **Contract Type:** RFP and/or Government Hopper Dredge
- **Issue:** Sediments not well characterized yet. Dredge type needed is uncertain.





# KODIAK HARBORS – ST. PAUL



- **Location:** St. Paul and St. Herman's harbors are located near the northwestern tip of Kodiak Island in the Gulf of Alaska. The city is approximately 252 air miles south of Anchorage.
- **Project Description:** The Water Resources Development Act of 2007 provides for the removal of rubble, sediment, and rock impeding the entrance to St. Herman and St. Paul Harbors. Kodiak Harbors are among the largest commercial fishing ports in the United States.



- **Maintenance Dredging 2013**
- **Dredge Type: Mechanical**
- **Quantity: 3,050 CY**
- **Authorized Project Depth: -16 ft MLLW**
- **Dredge Period: 1 March to 23 April**
- **Disposal: In-Water in St. Herman's Harbor**
- **Contract Type: Civil Works Indefinite Delivery Type Task Order**
- **Advertise Date: 3 August, 2012**
- **Proposal Due Date: 30 August, 2012**
- **Issue: Rock Removal**



# KODIAK HARBORS – ST. HERMAN'S



- **Location:** St. Paul and St. Herman's harbors are located near the northwestern tip of Kodiak Island in the Gulf of Alaska. The city is approximately 252 air miles south of Anchorage.
- **Project Description:** The Water Resources Development Act of 2007 provides for the removal of rubble, sediment, and rock impeding the entrance to St. Herman and St. Paul Harbors. Kodiak Harbors are among the largest commercial fishing ports in the United States.

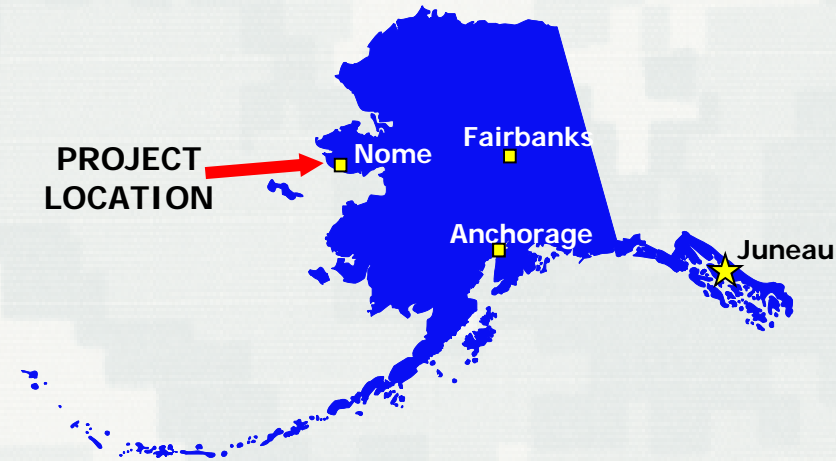
- **Maintenance Dredging 2012 thru 2013**
- **Dredge Type:** Mechanical
- **Quantity:** 7,215 CY
- **Authorized Project Depth:** -12 & -20 ft MLLW
- **Dredge Period:** 1 October to 23 April; no in-water blasting 1 April to 30 September
- **Disposal:** In-Water
- **Contract Type:** Civil Works Indefinite Delivery Type Task Order
- **Advertise Date:** 3 August, 2012
- **Proposal Due Date:** 30 August, 2012
- **Issue:** Expect rock blasting.



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# NOME HARBOR



• **Location:** Nome harbor is located on the southern coast of the Seward Peninsula in western Alaska. The city is approximately 540 miles northwest of Anchorage.

• **Project Description:** Authorized by the Rivers and Harbors Acts of 1917, 1935, 1948 and most recently by the WRDA 1999. The project consists of a 3,450 foot long entrance channel protected by a 2,986 foot long rubble-mound breakwater and sediment collection basin. The city is the transportation and commerce center for the Norton Sound area of Alaska.



- **Maintenance Dredging 2013 thru 2017**
- **Dredge Type: Pipeline**
- **Quantity: 34,000 CY/year**
- **Authorized Project Depth: -10,-12, & -22 ft MLLW**
- **Dredge Period: Ice Out to 31 July**
- **Disposal: Beach Nourishment**
- **Contract Type: IFB**
- **Advertise Date: November, 2012**
- **Bid Due Date: December, 2012**



# Questions?



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