

Small Boat Harbor Update

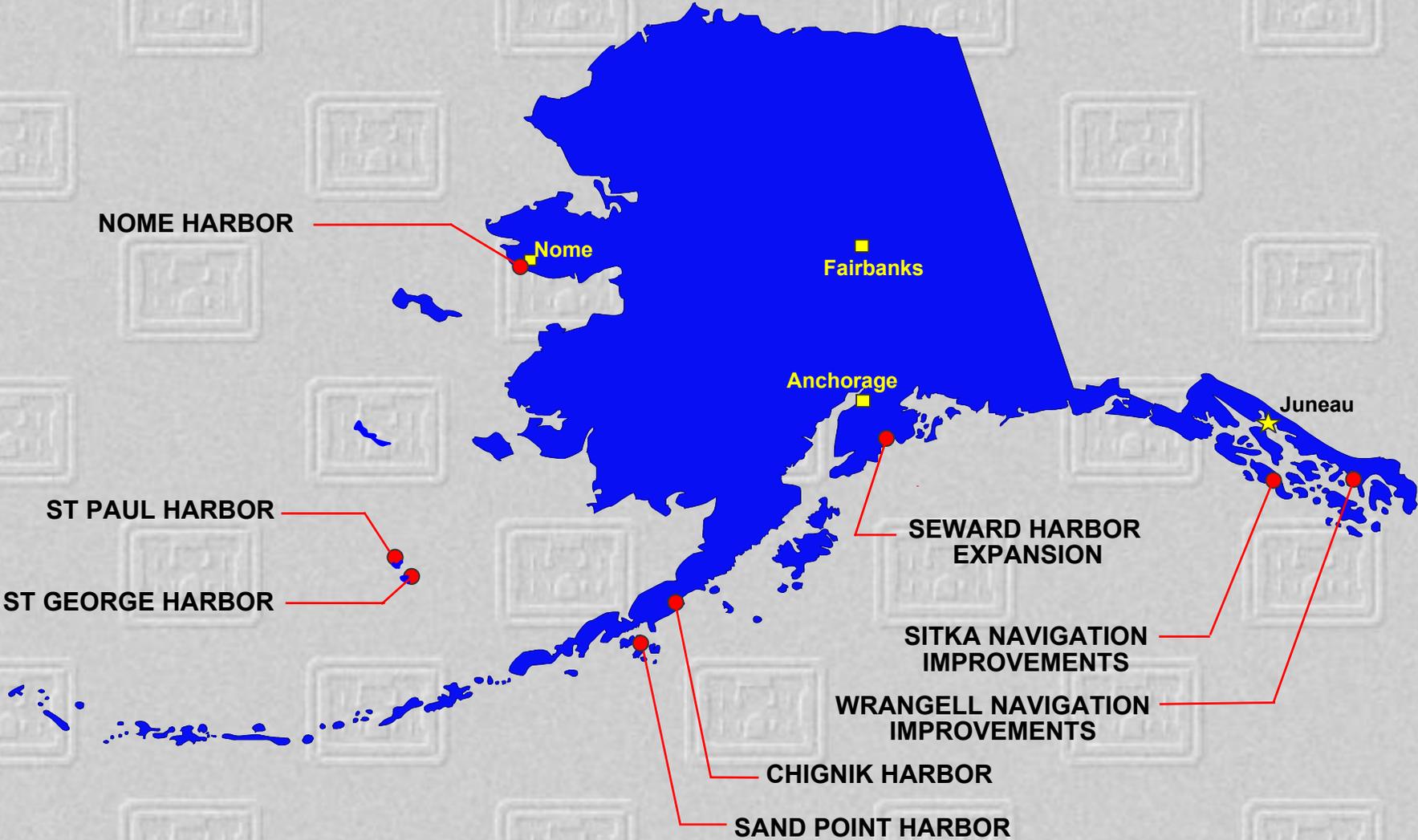
UAA Science-to-Engineering Workshop

January 8, 2004

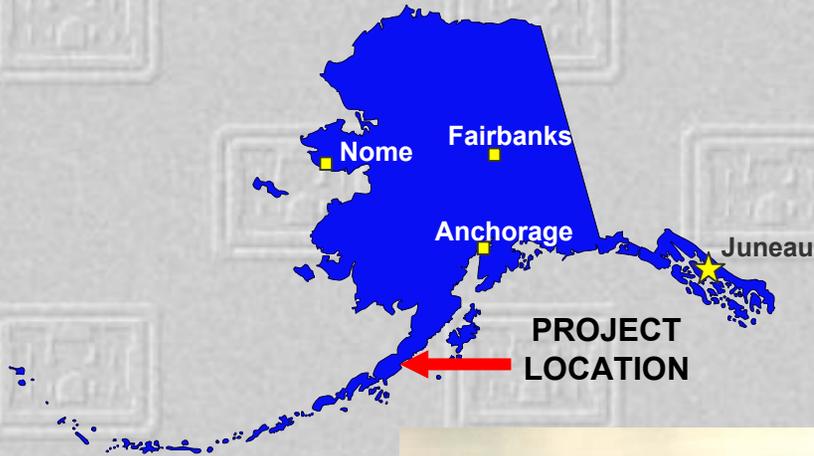


CONSTRUCTION GENERAL

CONSTRUCTION GENERAL PROJECTS



CHIGNIK HARBOR (CG)

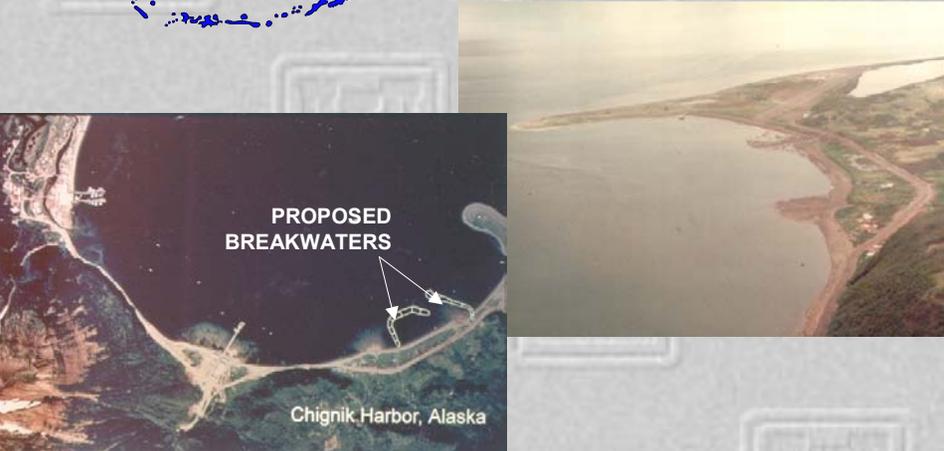


FY2004 Federal Budget:

\$ 0

Funds Available:

\$1,201,000



• Status:

- Plans and specifications completed December 2000.
- The PCA was executed August 2000.
- Construction contract awarded 20 August 2001.
- Estimated project cost, \$6.3 million.
- Construction completion scheduled by September 2004

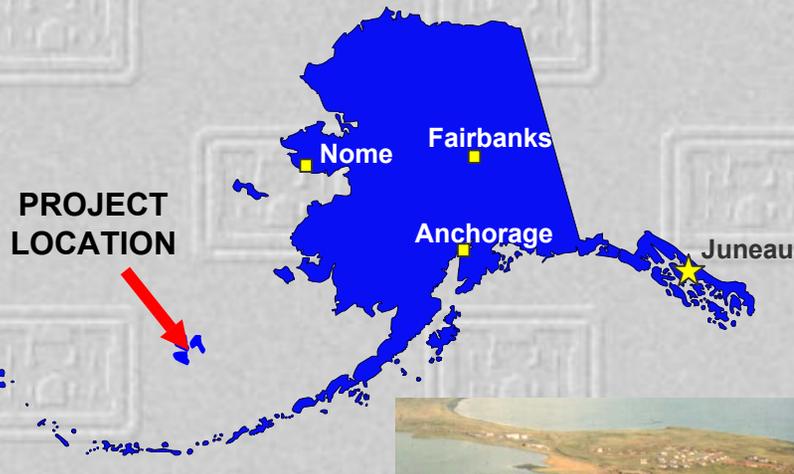
• Issues:

- Contractor encountered changed conditions (rock) during dredging, which extended construction schedule.
- \$1.2 million funds remaining to complete construction

• **Location:** The City of Chignik is located on Anchorage Bay on south shore of the Alaska Peninsula. It lies 450 miles southwest of Anchorage and 260 miles southwest of Kodiak.

• **Project Description:** The plan consists of a 9-acre enclosed basin with a center entrance channel between two rubble mound breakwaters. The north breakwater is 1,170 ft long and the south breakwater is 1,120 ft long.

SAINT PAUL HARBOR (CG)



PROJECT
LOCATION

FY2004 Federal Budget:

\$ 3,826,000

Funds Available:

\$ 4,135,000



• Status:

- Phase I completed August 2001.
- Phase II contract awarded 27 June 2003. Contract duration 3 years.
- The small boat harbor (Phase III) general reevaluation report is complete. Sponsor has not submitted letter of intent due to local funding issues.

• Issues:

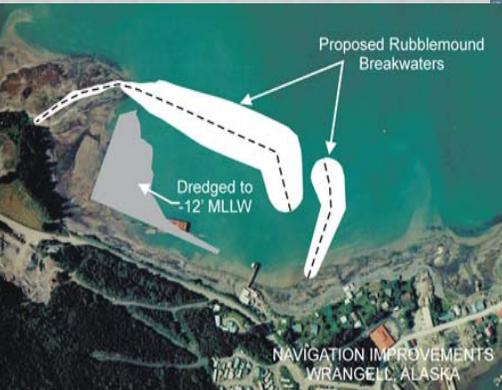
- Public Law 108-7 (Consolidated Appropriations resolution for FY 2003) raised the 902 limit and revised cost sharing requirements.

• **Location:** St. Paul is located on a narrow peninsula on the southern tip of St. Paul Island, the largest of five islands in the Pribilofs. It lies 47 miles north of St. George Island, 240 miles north of the Aleutian Islands, 300 miles west of the Alaska mainland, and 750 air miles west of Anchorage.

• **Project Description:** The project consists of a dredged entrance channel at -32 feet MLLW, a spending beach on the lee side of the existing detached breakwater, three offshore reefs parallel to the existing main breakwater, an environmental restoration feature to increase the flow of water into the Salt Lagoon and a small boat harbor with an entrance channel and maneuvering area dredged to a 20-foot depth and small breakwater.

WRANGELL NAVIGATION IMPROVEMENTS (CG)

FY2004 Federal Budget:
\$ 4,000,000
Funds Available:
\$ 3,406,000



•Status:

- Authorized in WRDA 1999.
- Plans and specifications completed in April 2003.
- PCA signed on 7 March 2003.
- Contract awarded to Kiewitt-Pacific Co. on 11 July 2003.

• Issues:

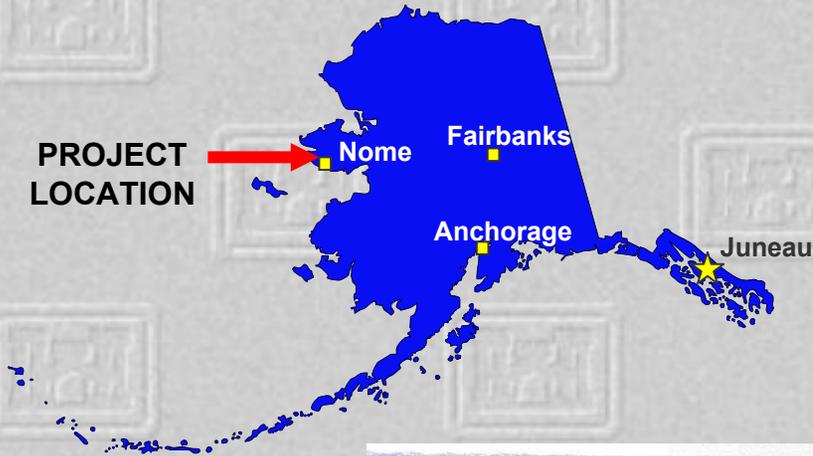
- OMB has not completed review of report.
- Responses to OMB comments were submitted to HQ in December 2002.

• **Location:** The city of Wrangell is on the north end of Wrangell Island, located along the inland passage in Southeast Alaska, approximately 740 miles northwest of Seattle, WA, and 150 miles south of Juneau.

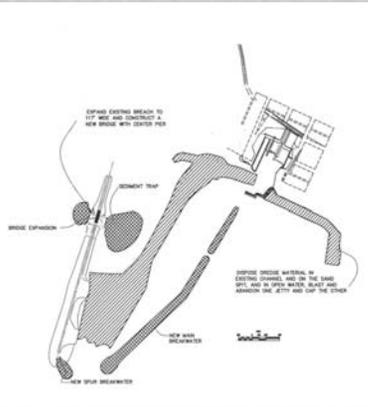
• **Project Description:** Project includes the construction of two rubble mound breakwaters to enclose a 13.3 acre dredged mooring basin, accommodating 271 vessels ranging in size from 27 feet to 59 feet. The basin would be dredged to -12 MLLW in areas that are not already naturally that deep.

NOME HARBOR (CG)

PROJECT
LOCATION



FY2004 Federal Budget:
\$ 6,000,000
Available Funds:
\$ 5,253,000



- **Status:**
 - Plans and specifications are being completed.
 - Real estate acquisition ongoing.
 - Congressional Add FY2001.
 - PCA signed 28 May 2002.
 - Construction contract awarded 30 September 2003 to Kiewitt-Mason (JV) for \$35.9 million.
- **Issues:**
 - 902 limit increased to \$39 million.

• **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 and is the transportation and commerce center for northwest Alaska.

• **Project Description:** The project consists of a new 1,070 meter-long entrance channel protected by a 910-meter long rubblemound breakwater and sediment collection basins. The existing causeway bridge will be expanded by about 30 meters, also.

SEWARD HARBOR EXPANSION (CG)



FY2004 Federal Budget:
\$ 1,000,000
Available Funds:
\$ 1,603,000

•**Status:**

- Authorized in WRDA 1999.
- Plans and Specifications completed in June 2003.
- PCA approved by USACE and signed 13 June 2003.
- Estimated project cost, \$12.2 million.
- \$1,000,000 (in law).
- Project advertised on 19 September 2003.

•**Issues:**

- OMB reviewing our responses to their economic questions.
- P.L. 107-66, Energy and Water Appropriations Act, 2002: “Provided further, That using \$1,000,000 of the funds provided herein, the Secretary of the Army, acting through the Chief of Engineers, is directed to initiate construction on the Seward Harbor, Alaska, project in accordance with the Report of the Chief of Engineers dated June 8, 1999 and the economic justification contained therein.”
- Similar language in 2003 appropriation bill (Senate Version).
- Bids were opened on 16 December 2003.
- Low bid was Wilder Construction at \$8.9 million.



- **Location:** Seward, located on the Kenai Peninsula is 125 miles south of Anchorage by road. The town is located at the northern end of Resurrection Bay off the Gulf of Alaska.
- **Project Description:** The project is designed to expand the existing harbor reconstructed by the Corps in 1965. The authorized plan includes a new 1,700-foot rubble mound breakwater and entrance channel approximately 400 feet east of the existing harbor. 1,100 feet of the existing east breakwater will be removed. The plan adds 11.7 acres of moorage basin at two design depths and accommodates about 336 additional vessels.

SAINT GEORGE HARBOR (CG)

PROJECT
LOCATION



FY2004 Federal Budget:

\$ 0

Funds Available:

\$ 1,773,000



• **Status:**

- Plans and specifications are completed, but will be reviewed when the sponsor has developed a successful finance plan.

- \$1.8 million in-law carried over.

- Limited reevaluation study initiated in February 2003.

• **Issues:**

- A FY 1993 in-law Congressional add, funds cannot be surplused or added to the project.

- Results of Limited Reevaluation Study may be used in GI study.

- **Location:** St. George is located on the northeast shore of St. George Island, the southern-most of five islands in the Pribilofs. The island lies in the middle of the Bering Sea, approximately 750 miles west of Anchorage.

- **Project Description:** In 1986, the Corps dredged the harbor under the Section 107 program and left rock pinnacles. Project exceeded the Federal cost limit. The City of St. George then undertook to deepen the entrance channel at St. George Harbor under a cost reimbursement agreement in 1993. That contract also left pinnacles. This project will remove the pinnacles.

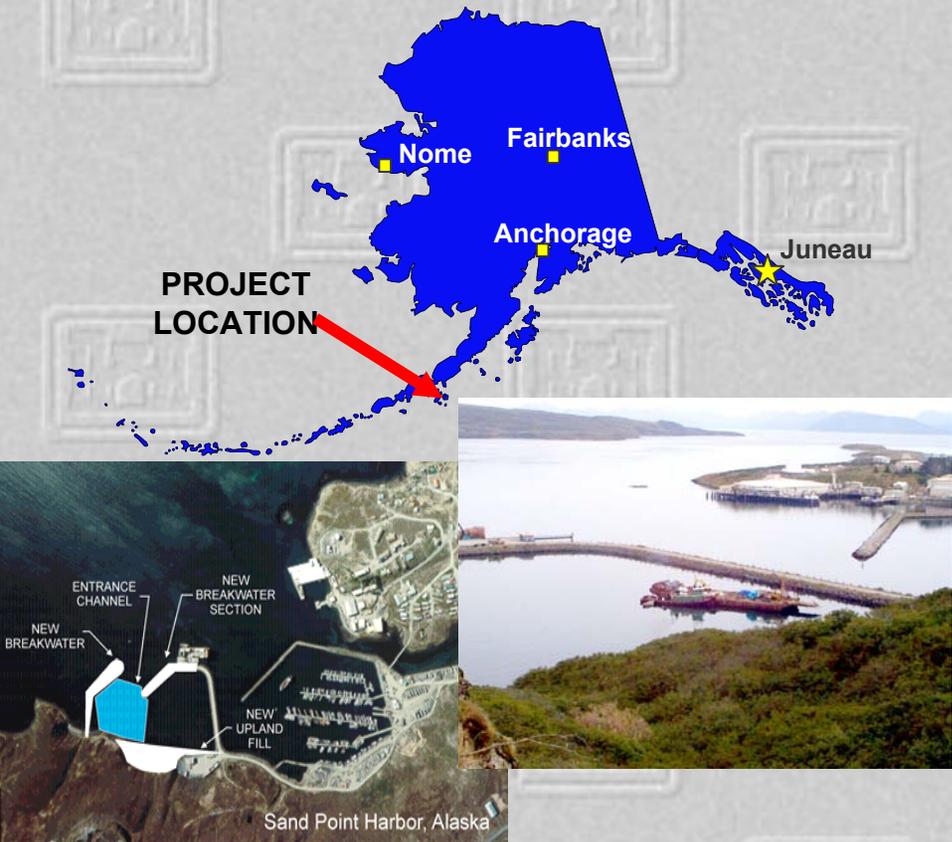
SAND POINT HARBOR (CG)

FY2004 Federal Budget:

\$ 1,000,000

Funds Available:

\$ 1,503,000



- **Status:**

- Plans and Specifications being prepared.
- Authorized in WRDA 1999.
- Congressional construction add for FY 2003.

- **Issues:**

- Evaluation of the harbor effects on the threatened Steller's Eider will resume after construction of the harbor.

- **Location:** The city of Sand Point is located on the northwest portion of Popof Island, in the Shumagin Island group that lies south of the Alaska Peninsula. Sand Point is located 570 air miles from Anchorage.

- **Project Description:** The project consists of a mooring basin adjacent and south of the existing harbor. It incorporates the southern breakwater and causeway to the city dock by extending the existing breakwater to form the mooring basin. An additional breakwater will be constructed south of the newly formed basin to provide protection from incoming waves from the south to west-southwest.

SITKA NAVIGATION IMPROVEMENTS (CG)



FY2004 Federal Budget:
\$ 1,000,000
Funds Available:
\$ 800,000



Status:

- Section 905b report was completed in April 2002.
- PMP is being prepared for study.
- Study will continue under CG as a design deficiency.
- Construction funding by Congress in FY 2004.

Issues:

- Section 905(b) report indicates design of existing breakwaters was deficient. (Gap for circulation allows too much wave energy to pass.)
- Sponsor may seek Congressional direction to extend breakwaters.

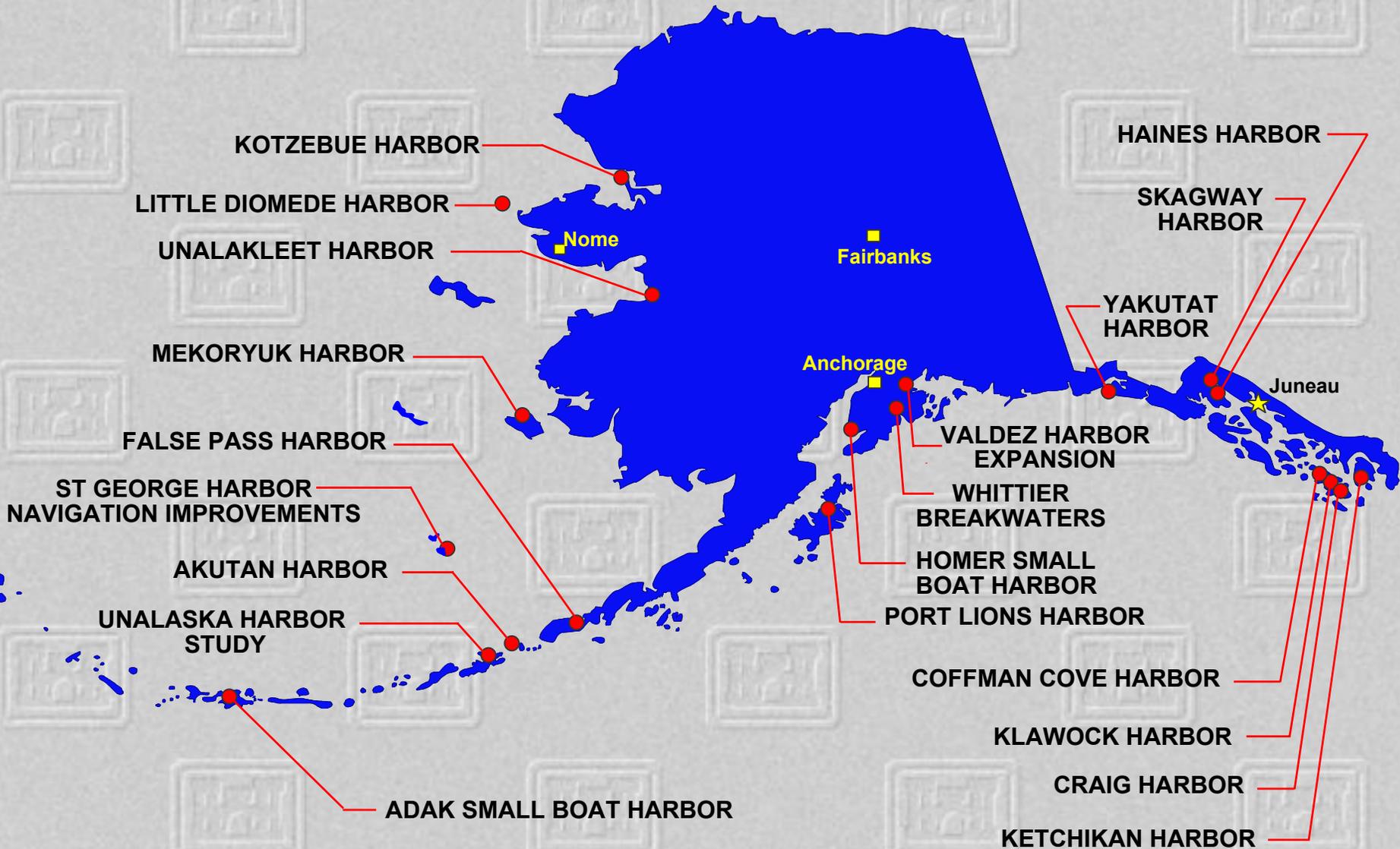
• **Location:** Sitka is located on the west coast of Baranof Island fronting the Pacific Ocean, on Sitka Sound. It is 95 air miles southwest of Juneau, and 185 miles northwest of Ketchikan.

• **Project Description:** Study the alternatives to improve wave protection for Thomsen Harbor so that the current level of maintenance could be reduced. Extension of the western breakwater to reduce the opening of the gaps is one possible alternative plan.



GENERAL INVESTIGATIONS

GENERAL INVESTIGATION PROJECTS



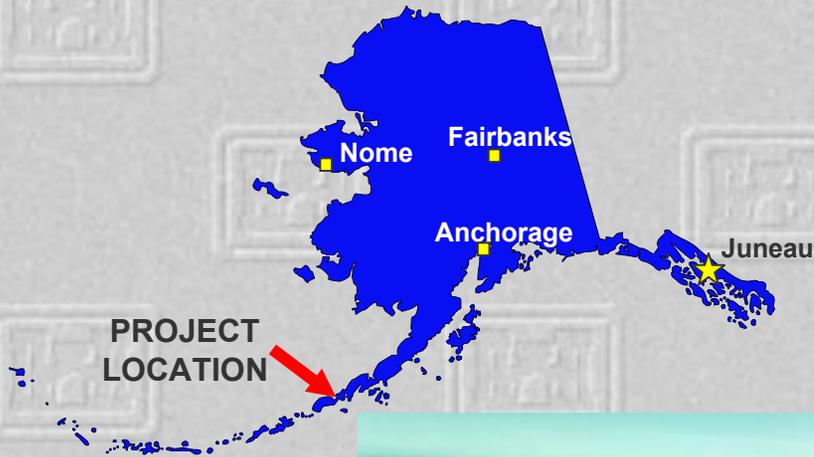
FALSE PASS HARBOR (GI)

FY2004 Federal Budget

\$ 0

Available Funds:

\$ 311,000



• Status:

- The feasibility report was completed in October 2000.
- Chief's Report signed 29 December 2000.
- The Design Agreement signed in March 2001.
- Authorized in WRDA 2000.
- Preparing Plans and Specs.
- Estimated project cost \$12.8 million.
- Preparing Limited Reevaluation Report to change channel design depth from 20 ft to 19 ft. Report scheduled to be completed in February 2003.

• Issues:

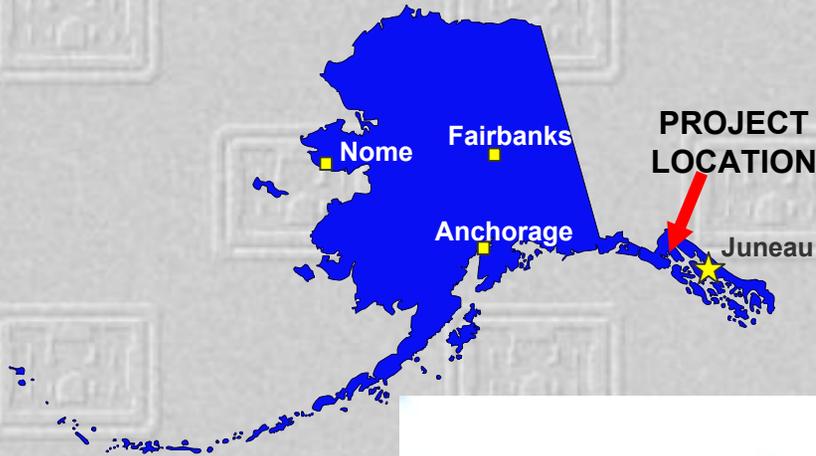
- PCA package under review by ASA(CW).
- Awaiting initial construction funds.

• **Location:** False Pass is a small community on the east side of Unimak Island at the eastern end of the Aleutian Island chain about 700 air miles southwest of Anchorage.

• **Project Description:** The plan includes the construction of two rubblemound breakwaters, 388 meters and 180 meters in length, to create a 2.4 hectare mooring basin dredged to -5.2 meters and -3.7 meters MLLW. The entrance channel will be dredged to -5.8 meters MLLW.

HAINES HARBOR (GI)

FY2004 Federal Budget:
\$ 300,000 Feasibility
Available Funds:
\$ 322,000



•Status:

- Feasibility study originated as a Section 107. GI funds initially allocated in FY 2001 to continue feasibility.
- The feasibility report is being reviewed.
- PED negotiations continuing.
- Responses to HQUSACE feasibility report comments were submitted in Dec 02 and are currently being reviewed by HQUSACE.

• Issues:

- WRDA 2004---Potential candidate -- Authorization contingent on Chief's Report being signed by December 2004.

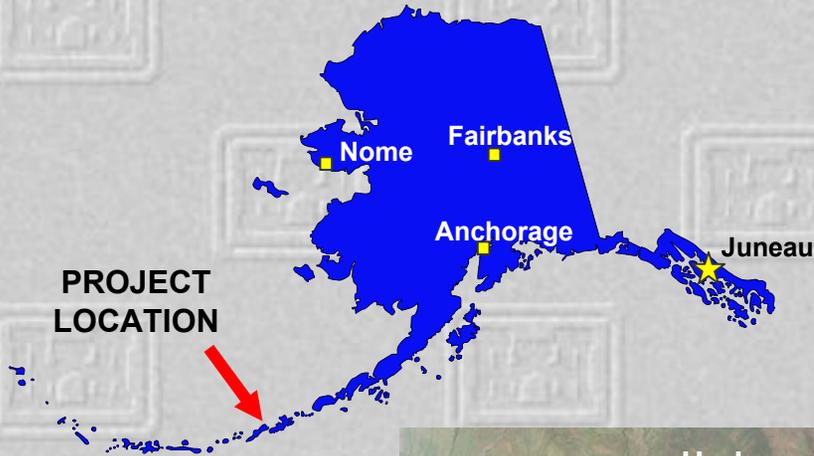
• **Location:** Haines is located on the shores of the Lynn Canal, between the Chilkoot and Chilkat Rivers, 90 air miles northwest of Juneau. It lies just south of the Canadian border at British Columbia. By road, it is 775 miles from Anchorage.

• **Project Description:** The study will consider the benefits and costs for enlarging the mooring area to accommodate the current and projected future fleet, or to construct another harbor along the waterfront to meet the moorage demand.

AKUTAN HARBOR (GI)

FY2004 Federal Budget:
\$ 300,000 Feasibility
Available Funds:
\$289,000

**PROJECT
LOCATION**



Akutan Harbor
Photo by: Robert McGimsey, USGS 1996



•Status:

- The feasibility study and EIS comments are being addressed.
- Estimated project cost, \$20 million.
- Report scheduled for public review in February 2004.

• Issues:

- Steller's Eider study included in EIS. Monitoring will continue until two years after construction.
- EPA and Alaska DEC have environmental concerns. (TMDL for BOD and settleable solids/wetland impacts)
- WRDA 2004---Potential candidate--Authorization contingent upon Chief's Report being completed by December 2004.

• Location: The city of Akutan is located on the north shore of Akutan Harbor, a large well-protected opening to Akutan Bay and the Bering Sea on the eastern side of Akutan Island. Akutan Island is 790 miles southwest of Anchorage.

• Project Description: The proposed harbor will provide protected moorage and serve as a base of operations for a fleet of commercial fishing vessels.

UNALASKA HARBOR STUDY (GI)

FY2004 Federal Budget
\$ 500,000 Feasibility
Available Funds:
\$ 754,000

• **Status:**

- FCSA was executed in June 1999 and was modified in November 2003 to conduct an EIS.
- City-wide advisory vote on 1 October 2002 was 2.5 to 1 in favor of project being built at LSA site.
- On 19 November 2002, City Council issued resolution to continue with the study.

• **Issues:**

- The threatened Steller's Eider winter habitat is being evaluated. The project is located near historic remnants of a World War II battle.
- Feasibility Report not submitted in 2002 due to finding of significant impacts and a requirement to prepare an EIS.
- WRDA 2004---Potential candidate--Authorization contingent upon Chief's Report being completed by December 2004.

PROJECT LOCATION



• **Location:** Unalaska overlooks Iliuliuk Bay and Dutch Harbor on Unalaska Island in the Aleutian Chain. It lies 800 air miles from Anchorage.

• **Project Description:** The harbor will provide additional protected moorage for commercial fishing vessels. It will reduce congestion and rafting at existing docks.

PORT LIONS HARBOR (GI)

FY2004 Federal Budget:
\$ 100,000 Feasibility
Available Funds:
\$ 241,000



- **Status:**
 - Feasibility Cost Sharing Agreement signed in January 2001.
 - Engineering and environmental studies are underway.
 - Analysis of three detailed alternatives underway.
 - The feasibility study is scheduled for completion July 2004.
- **Issues:**
 - Economics marginal for project sponsor desires.

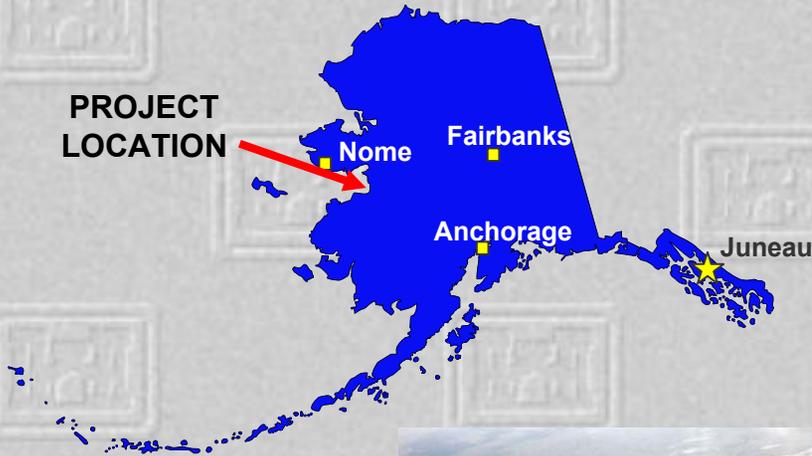
• **Location:** Port Lions is located in Settler Cove, on the north coast of Kodiak Island, 247 air miles southwest of Anchorage.

• **Project Description:** The feasibility study will investigate the problems, needs, and opportunities for navigation at the Port Lions Harbor at the community of Port Lions on Kodiak Island. The harbor was initially designed to accommodate 125 vessels; however, only 35 vessels are currently using the harbor year around because the vessels incur damages during storms.

UNALAKLEET HARBOR (GI)

FY2004 Federal Budget:
\$ 200,000 Feasibility
Available Funds:
\$ 534,000

**PROJECT
LOCATION**



•Status:

- The 905(b) report was completed in August 2000 under the Coastal Navigation Improvement study.

- The Feasibility Study Cost Sharing Agreement has been signed by sponsors.

• Issues:

- High sedimentation rate makes a navigation channel difficult.

- Community desire for a dredged entrance channel with breakwater protection at the Unalakleet River can not be economically supported.

- Community desires a project to also provide erosion protection at the mouth of the Unalakleet River.

- Environmentally sensitive area with many species of birds, fish and mammals; an Environmental Impact Statement may be required.

- **Location:** Unalakleet is located on Norton Sound at the mouth of the Unalakleet River, 148 miles southeast of Nome and 395 miles northwest of Anchorage.

- **Project Description:** The study will consider the benefits and costs of constructing a navigation system that would significantly reduce delays and vessel damages.

SAINT GEORGE NAVIGATION IMPROVEMENTS (GI)

FY2004 Federal Budget:
\$ 50,000 Feasibility
Funds Available:
\$ 35,000

**PROJECT
LOCATION**



•Status:

- 905(b) report completed in October 2002.

- Some economic analysis is being performed as part of the Saint George harbor (CG) Limited Reevaluation.

• Issues:

- Wave surge limits usefulness of existing harbor.
- Rock pinnacles in entrance channel limit vessel draft. (See CG project)
- Study on hold as sponsor explores funding options.

• **Location:** St. George is located on the northeast shore of St. George Island, the southern-most of five islands in the Pribilofs. The island lies in the middle of the Bering Sea, approximately 800 miles southwest of Anchorage.

• **Project Description:** Large waves are entering the entrance and inner harbor area, making ingress/egress into the harbor almost impossible during moderate wave conditions. The study will consider different harbor configurations and locations.

KETCHIKAN HARBOR (GI)

FY2004 Federal Budget:
\$ 200,000 Feasibility
Available Funds:
\$133,000



• Status:

- The 905(b) report was completed on 26 April 2001.
- The feasibility study is being negotiated.

• Issues:

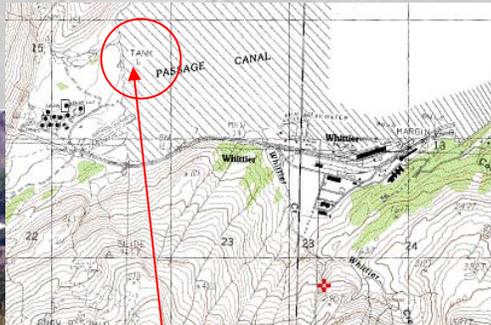
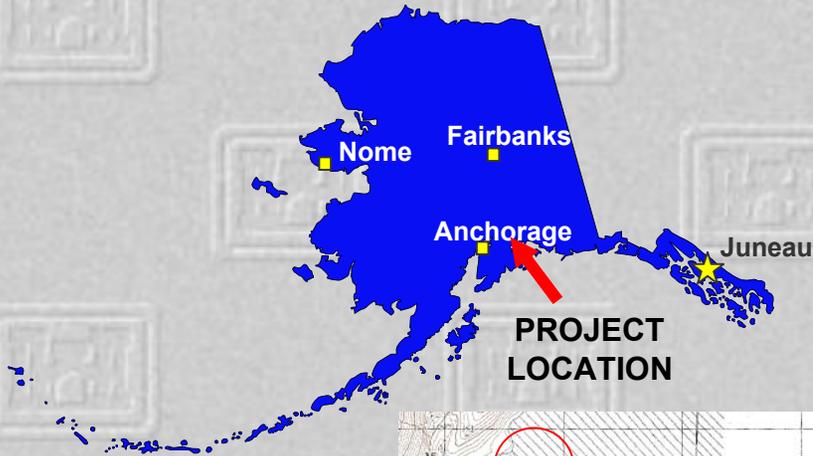
- Lack of access to several sites may preclude development.
- Most sites don't have suitable uplands, and will be costly to build.
- Complex study which involves vessels ranging from skiffs to cruise ships in size.
- Borough is not prepared to go forward until Ward Cove status is resolved.

• **Location:** Ketchikan is located on the southwestern coast of Revillagigedo Island, opposite Gravina Island, near the southern boundary of Alaska. It lies 235 miles south of Juneau.

• **Project Description:** This study will identify the problems and opportunities for commercial navigation in Ketchikan and determine whether feasibility studies of navigation improvements in Ketchikan are warranted.

WHITTIER BREAKWATER (GI)

FY2004 Federal Budget:
\$ 50,000 Feasibility
Available Funds:
\$ 41,000



PROPOSED BOAT
LAUNCH LOCATION

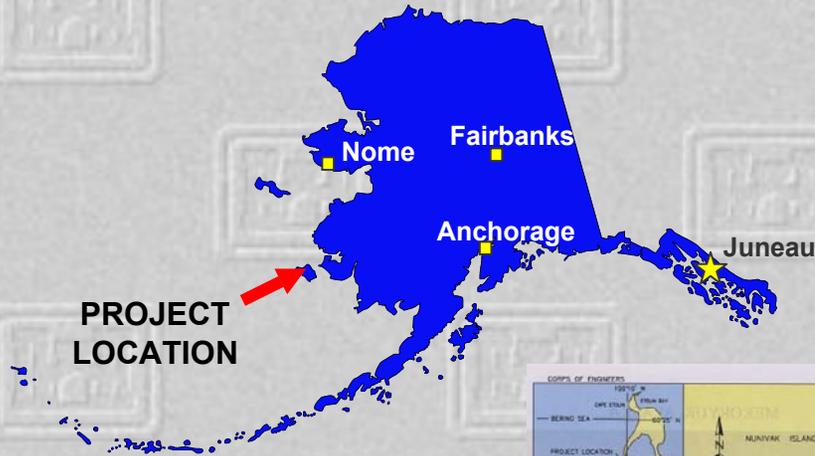


- **Status:**
 - 905(b) Report completed on 31 January 2002.
 - PMP being prepared.
- **Issues:**
 - Alaska Department of Fish and Game is planning to construct upland improvements (including boat launch ramp).
 - Local funding capability questionable. City also deciding on funding a prison.

- **Location:** Whittier is on the northeast shore of the Kenai Peninsula, at the head of Passage Canal. It is on the west side of Prince William Sound, 60 miles east of Anchorage.
- **Project Description:** A new road tunnel to Whittier opened in June 2000 and offers Anchorage residents good access to this top quality marine environment. Additional boat launch and facilities are planned to accommodate additional visitors. A breakwater is required to protect the boat launch ramp.

MEKORYUK HARBOR (GI)

FY2004 Federal Budget
\$ 100,000 Feasibility
Available Funds:
\$ 78,000



• Status

- The reconnaissance report was completed in July 2002.
- Awaiting letter of intent from sponsor.

• Issues:

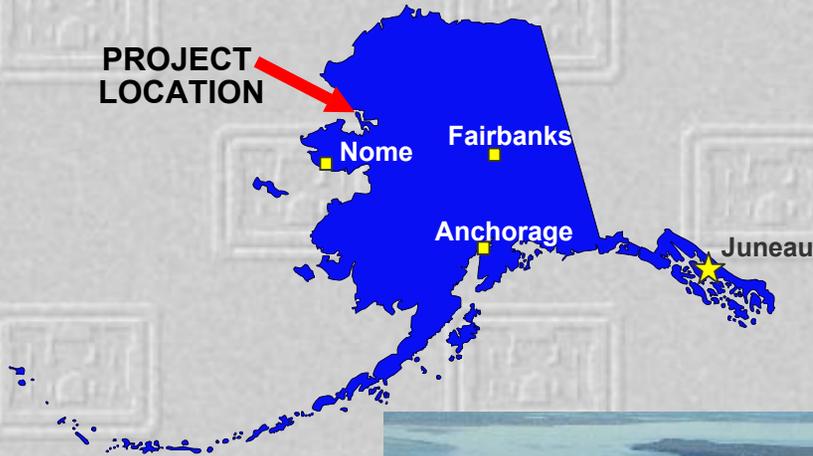
- Harbor site is too shallow for larger vessels, 24 feet or larger.
- Community desired a regional port, but economic study did not show justification.

• **Location:** Mekoryuk is at the mouth of Shoal Bay on the north shore of Nunivak Island in the Bering Sea. The Island lies 30 miles off the coast. It lies 149 air miles west of Bethel and 553 miles west of Anchorage.

• **Project Description:** The proposed study will consider the benefits and costs for the development of an expanded harbor at Mekoryuk.

KOTZEBUE HARBOR (GI)

PROJECT
LOCATION



FY2004 Federal Budget:
\$ 250,000 Feasibility
Available Funds:
\$ 187,000



- **Location:** Kotzebue is on the Baldwin Peninsula in Kotzebue Sound. It is located near the discharges of the Kobuk and Noatak Rivers, 549 air miles northwest of Anchorage and 26 miles above the Arctic Circle.

- **Project Description:** Kotzebue relies on marine transportation for most heavy commodities. The community also uses marine transportation for commercial fishing, subsistence, and tourism services. Existing support facilities are being impacted by uplands construction reducing usable support facilities and landing beach. The study will review improved small craft support and protection facilities, and potential improvements to lightering fuel and freight from ocean-going vessels.

- **Status:**

- The 905(b) report was completed on 3 December 2002.

- The feasibility cost sharing agreement is being negotiated.

- Study on hold while sponsor explores funding options.

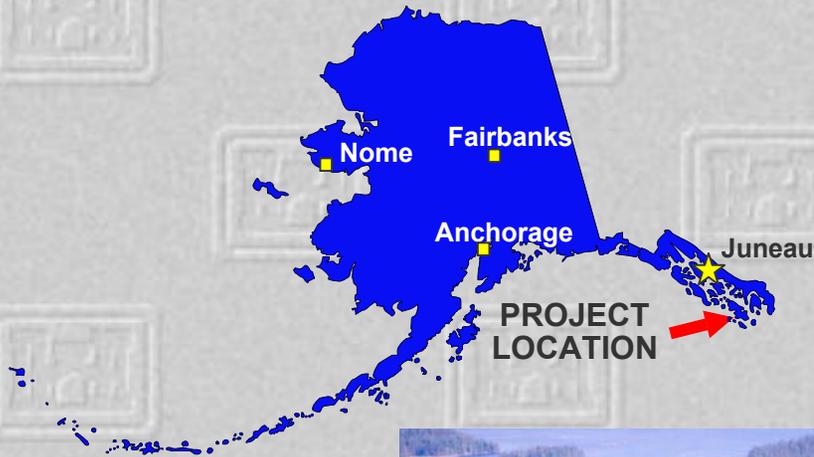
- **Issues:**

- Shallow existing depths increase costs for navigation plans.

- Kotzebue has a high amount of vessel traffic for subsistence fishing and gathering. Benefit/Cost ratio concerns expressed by Alaska Native groups will also be evident in this project.

CRAIG HARBOR IMPROVEMENT (GI)

FY2004 Federal Budget:
\$ 200,000 Feasibility
Available Funds:
\$ 130,000



•Status:

- The 905(b) report was approved b HQ on 10 January 2003.
- On hold pending LOI from sponsor.

• Issues:

- Potential harbor improvements need to avoid environmentally sensitive areas, such as eel grass beds.

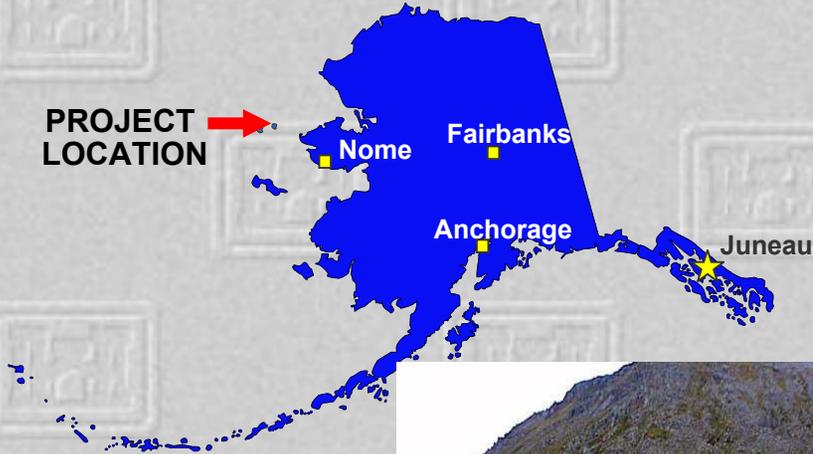
• **Location:** Craig is located on a small island off the west coast of Prince of Wales Island, and is connected by a short causeway. It is 31 road miles west of Hollis. It lies 56 air miles northwest of Ketchikan and 220 miles south of Juneau.

• **Project Description:** This study will consider the benefits and costs for an expanded and better protected small boat harbor for the current and future fleet.

LITTLE DIOMEDE HARBOR (GI)

FY2004 Federal Budget:
\$ 50,000 Feasibility
Available Funds:
\$ 262,000

**PROJECT
LOCATION** →



- **Status:**
 - FY 01 Congressional Add.
 - The 905(b) report was completed on 21 April 2003.
 - Reconnaissance study delayed by inability to perform site visit due to access problems.
 - Awaiting local input to draft report and LOI.
 - Feasibility cost sharing agreement will be negotiated.
- **Issues:**
 - Access by helicopter only.
 - Economic feasibility may be difficult due to small size of the community.

• **Location:** Diomedes is located on the west coast of Little Diomedes Island in the Bering Straits, 135 miles northwest of Nome with a population of 146. It is only 2.5 miles from Big Diomedes Island, Russia, and the international boundary lies between the two islands.

• **Project Description:** A protected harbor would reduce the cost of goods transport, improve and increase the tour-boat landings (income to village), and improve the safety of small craft operations.

VALDEZ HARBOR EXPANSION (GI)



FY2004 Federal Budget:
\$ 50,000 Feasibility
Available Funds:
\$ 100,000



• Status:

- FCSA was signed in June 1999.
- Sponsor requested a pause in the study.

• Issues:

- Two potential sites--east and west of SERVS dock.
- Environmental mitigation is an issue with the east site.
- Sponsor requested that study be on hold while they evaluate the potential for a wave barrier alternative.
- Sponsor now intends to proceed with Corps study.

• **Location:** Valdez is located on the north shore of Port Valdez, a deep water fjord in Prince William Sound. It lies 305 road miles east of Anchorage, and 364 road miles south of Fairbanks. It is the southern terminus of the Trans-Alaska oil pipeline.

• **Project Description:** The feasibility study will investigate the problems, needs, and opportunities for navigation improvement in the Valdez small boat harbor. The demand for moorage space in the harbor far exceeds the existing design capacity of approximately 510 boats and the construction of an additional harbor is desired by local interests.

ALASKA REGIONAL PORTS (GI)

FY2004 Federal Budget:
\$ 300,000 Feasibility
Available Funds:
\$ 250,000



- **Status:**

- Congressional add FY 2003.

- Reconnaissance study has started in 2003 with scoping of potential work items.

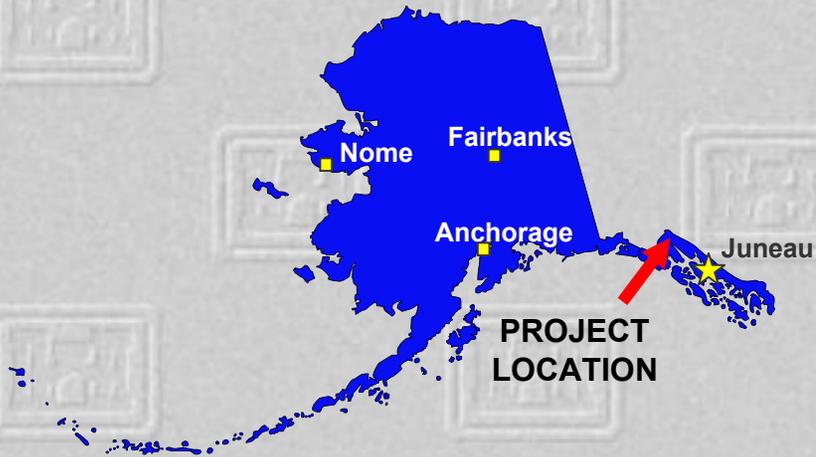
- **Issues:**

- This study has the potential to answer many of the questions raised by OMB regarding the feasibility of improvements to commercial fish harbors in Alaska.

- **Location:** Statewide evaluation of all ports and harbors in the Coastal Areas of Alaska.

- **Project Description:** This study will evaluate all ports and harbors in Alaska. It will identify regional ports that should be improved; analyze the fishing fleets of Alaska addressing the current and future needs to enable most efficient operations of fishing vessels; and complete individual Section 905b reconnaissance reports to determine if feasibility level studies are warranted at specific locations.

SKAGWAY HARBOR (GI)



FY2004 Federal Budget:

\$ 100,000

Available Funds:

\$ 0



• Status:

- Sponsor will work with the State of Alaska to make improvements.

• Issues:

- Study may be too costly for size of improvements needed. Total study cost through PED estimated at \$1.5 million; estimated construction cost is \$3-4 million.
- Economics may be marginal because many of the boats are used for recreation rather than commercial uses.
- Geotechnical considerations allow very little expansion to the south.

• **Location:** Skagway is located 90 miles northeast of Juneau at the northernmost end of Lynn Canal, at the head of Taiya Inlet. It lies 108 road miles south of Whitehorse, just west of the Canadian border at British Columbia.

• **Project Description:** The study will consider the benefits and costs for deepening the entrance channel and expanding the harbor to accommodate the current and projected fleet and tugs.

ADAK SMALL BOAT HARBOR (GI)

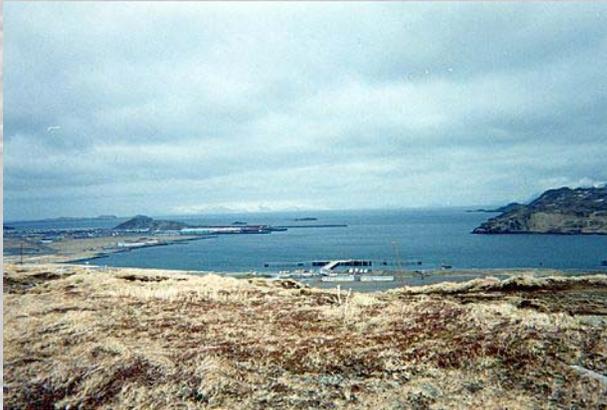
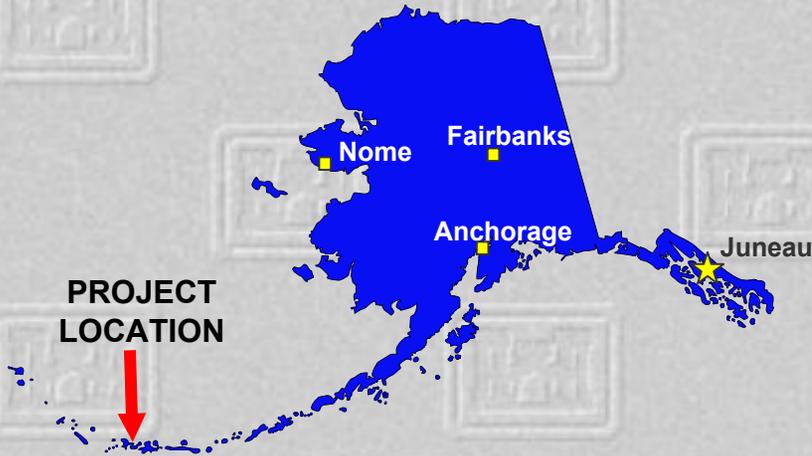
FY2004 Federal Budget:

\$ 100,000

Available Funds:

\$ 65,000

**PROJECT
LOCATION**



•Status:

- FY 2004 Congressional Study add.
- Most of the large former Naval Base has been transferred to the Aleut Corporation
- A portion of the island remains within the National Maritime Wildlife Refuge.
- About 30 families relocated to Adak in September 1998 and the school was reopened. A second class city was established in April 2001.

• Issues:

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• **Location:** Adak is located in Kuluk Bay on Adak Island lying 1,300 miles southwest of Anchorage and 350 miles west of Unalaska/ Dutch Harbor in the Aleutian Island chain.

• **Project Description:** The feasibility study will investigate the problems, needs, and opportunities for navigation improvements for Adak Harbor. The city would like to expand the Sweeper Cove Small Boat Harbor.

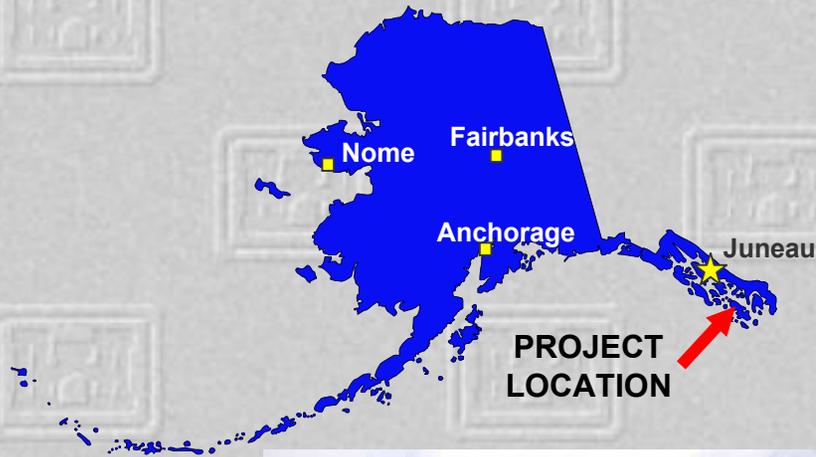
COFFMAN COVE HARBOR (GI)

FY2004 Federal Budget:

\$ 200,000

Available Funds:

\$ 152,000



• **Status:**

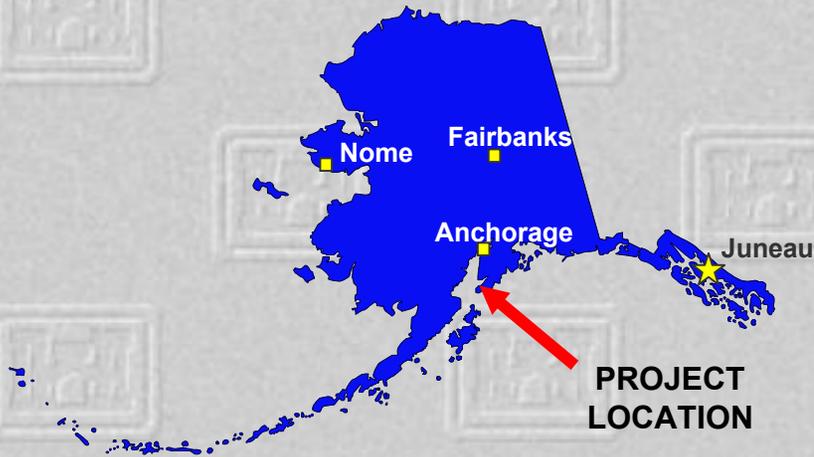
- **FY 2004 Congressional Study add.**

• **Issues:**

• **Location:** Coffman Cove is located on the northeast coast of Prince of Wales Island in the southeast Alaska, lying 73 miles northeast of Ketchikan.

• **Project Description:** The feasibility study will investigate the problems, needs, and opportunities for navigation improvements at Coffman Cove.

HOMER SMALL BOAT HARBOR (GI)



FY2004 Federal Budget:

\$ 100,000

Funds Available:

\$ 89,000

• **Status:**

- Existing project was 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 project extends the fishing season an extra four months each year and is an integral part of Homer's economy. Waterborne commerce is 567,000 tons for year 2000.

- Dredged annually since 1972.

- A new 2-year contract for maintenance dredging for the existing project will be awarded in the second quarter FY03.

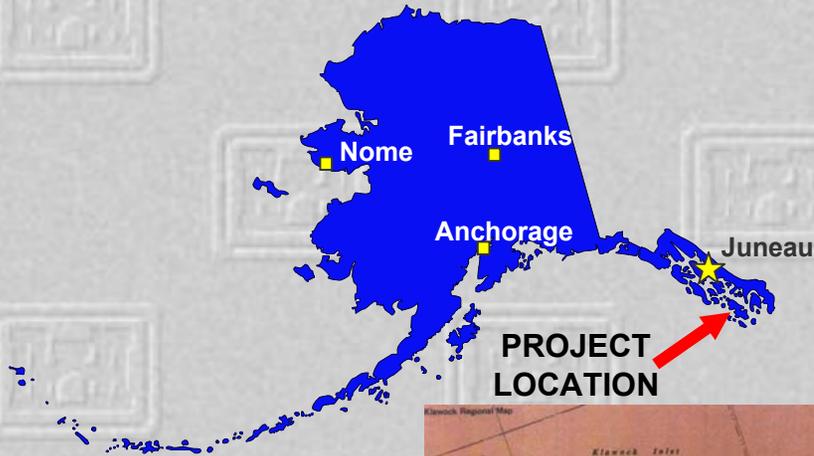
- An ongoing Dredge Material Management Plan was initiated in FY 02 to identify disposal options to accommodate 20(+) years of disposal starting in FY06.



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

Project Description: The feasibility study will investigate the problems, needs, and opportunities for navigational improvements at Homer.

KLAWOCK HARBOR



FY2004 Federal Budget:
\$ 100,000
Funds Available:
\$ 65,000



- **Status:**

- FY 2004 Congressional Study add.
- A deep draft dock is located on Klawock Island across Klawock Inlet from Klawock.

- **Issues:**

- **Location:** Klawock is located on the west coast of Prince of Wales Island, lying 7 miles north of Craig and 56 miles west of Ketchikan.

Project Description: The feasibility study will investigate the problems, needs, and opportunities for navigational improvements for Klawock Harbor. Klawock currently has a small boat harbor and a boat launch ramp.

YAKUTAT HARBOR (GI)



FY2004 Federal Budget:

\$ 100,000

Funds Available:

\$ 65,000

- **Status:**

- FY 2004 Congressional Study add.

- Monti Bay is the only sheltered deepwater port on the Gulf of Alaska.

- Barges deliver goods monthly during the winter and more frequently in summer.

- Service seas in the Gulf of Alaska restrict passenger vehicle ferry service to summer season only.



- **Issues:**

-

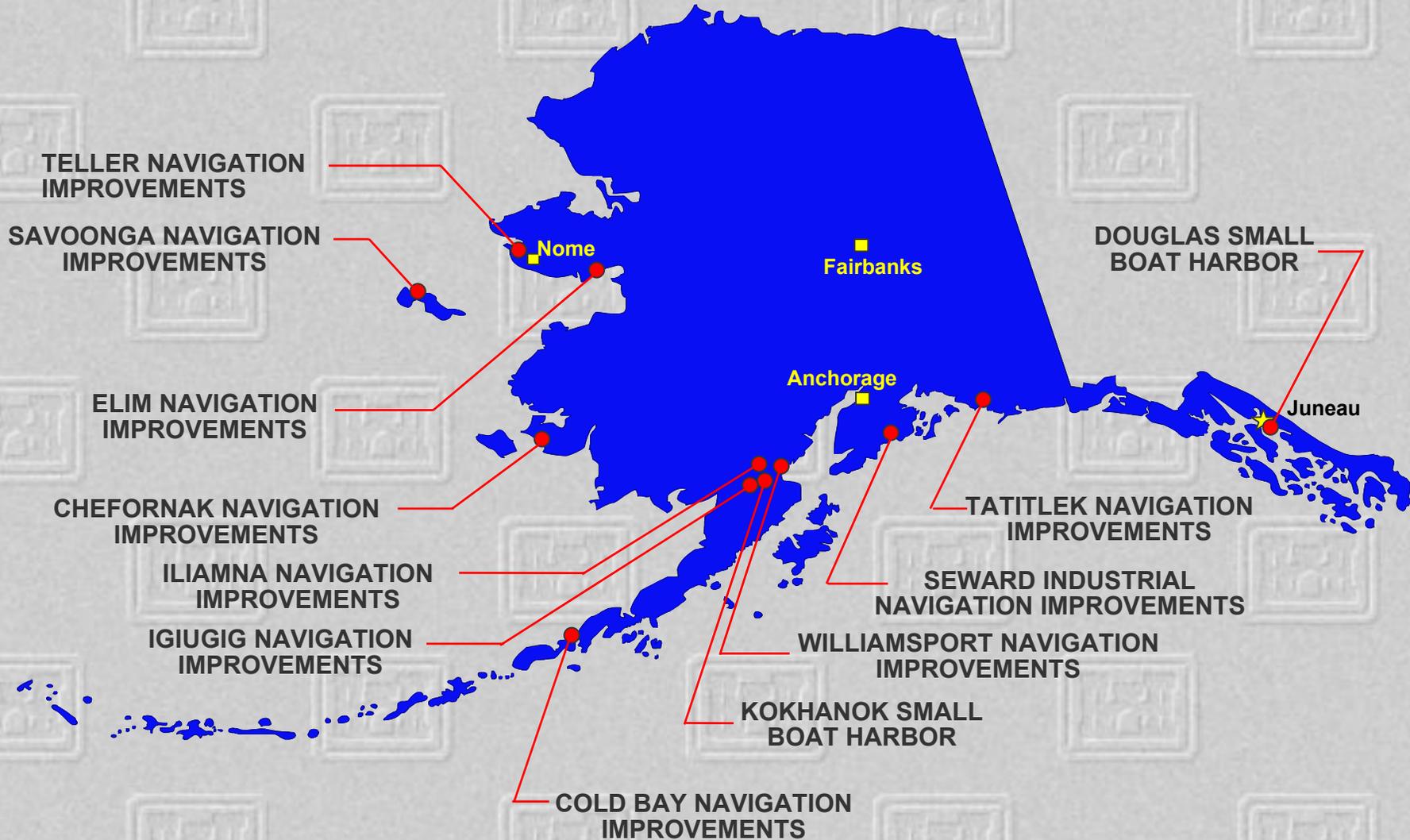
- **Location:** Yakutat is located among the lowlands along the Gulf of Alaska, 225 miles northwest of Juneau and 220 miles southeast of Cordova, at the mouth of Yakutat Bay

Project Description: The feasibility study will investigate the problems, needs, and opportunities for navigational improvements at Yakutat. The Borough operates the State-owned boat harbor and ocean cape dock.



CONTINUING AUTHORITIES PROGRAM

SECTION 107 SMALL NAVIGATION PROJECTS



Section 107 Small Boat Harbors

DOUGLAS

- Wave barriers & rubblemound structure to be added to existing harbor entrance
- Feasibility report completed 21 April 2003
- Plans & Specifications underway
- Contract award scheduled for summer 2004

TATITLEK

- Studies underway considering 30, 54, and 80 boat basins
- Additional environmental studies underway
- Public review of report/EIS scheduled for spring 2004

KOKHANOK

- Feasibility study on hold while sponsor explores funding options for their share

Reconnaissance Phase

- Studies underway for Chefnak, Cold Bay, Elim, Savoonga, and Teller
- Studies not yet started for Igiugig, Iliamna, Seward Industrial, and Williamsport



End of Presentation

Thank You

Forest Brooks (907) 753-2627

forest.c.brooks@poa02.usace.army.mil