

**City Manager**  
Glenn Steckman

**Port Director**  
Joy Baker

**Harbormaster**  
Lucas Stotts



**Nome Port Commission**  
Jim West, Jr., Chairman  
Charlie Lean, Vice Chairman  
Derek McLarty  
Shane Smithhisler  
Drew McCann  
Russell Rowe  
Gay Sheffield

102 Division St. • P.O. Box 281  
Nome, Alaska 99762  
**(907) 443-6619**  
Fax (907) 443-5473

**\*REVISED\***

**NOME PORT COMMISSION  
WORK SESSION & REGULAR MEETING AGENDA  
THURSDAY, JANUARY 20, 2022 @ 5:30/6:30 PM  
COUNCIL CHAMBERS IN CITY HALL**

WORK SESSION – 5:30PM:

	<u>Page</u>
TARIFF REVIEW & DISCUSS: Rock/gravel export – graduated rate scale	20-21
CPI adjustment – 2022 rate based on 5-year average ANC	23
Other language or rate changes.....	

REGULAR MEETING – 6:30PM:

- I. ROLL CALL**
- II. APPROVAL OF AGENDA**
- III. APPROVAL OF MINUTES**
  - 21-12-16 Regular Meeting
- IV. CITIZEN'S COMMENTS**
- V. COMMUNICATIONS**
  - 21-12-22 SOA Governor Dunleavy ADDP WRDA Funding Request to Congress
  - 21-12-30 NOAA Hydrographic Services Review Panel ( HSRP) Advisory Committee
  - 22-01-05 Arctic Sea Ice News and Analysis - Ice Data Center
  - 22-01-13 National Weather Service Watch Warning Advisory - NOAA
- VI. COMMISSIONER UPDATES**
- VII. HARBORMASTER REPORT**
  - 2022 Maintenance, Repairs & Planning
    - 2022 Cruise Vessel Update
      - TWIC / Vessel Security / Staffing
    - CRW HML Test Unit
- VIII. PORT DIRECTOR REPORT/PROJECTS UPDATE**
  - 22-01-17 Port Director/Projects Status Report
    - ADDP LSF Design Consultant Fee Funds
    - ADDP Expansion – Public Meeting
    - Support for Shared Admin Staff Position
- IX. OLD BUSINESS**
  - Recommending Port Tariff Revisions
- X. NEW BUSINESS**
  - Inner Harbor CAP 107 Project Study – Corps De-Authorizing Federal Features
- XI. CITIZEN'S COMMENTS**
- XII. COMMISSIONER COMMENTS**
- XIII. NEXT REGULAR MEETING**
  - February 17, 2022 – 5:30pm
- XIV. ADJOURNMENT**

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**NOME PORT COMMISSION  
MINUTES  
REGULAR MEETING  
DECEMBER 16th, 2021 @ 7:00 PM  
COUNCIL CHAMBERS CITY HALL**

The Regular Meeting of the Nome Port Commission was called to order at 7:08 pm by Chairman West at the City Hall Council Chambers.

**ROLL CALL**

Members Present: Smithhisler (zoom); Lean; West; Rowe; Sheffield (zoom), McCann

Absent: McLarty

Also Present: Joy Baker, Port Director (zoom), Glenn Steckman, City Manager

In the audience: Peter, KNOM; Ken Morton, NJUS

Drew McCann read his Oath of Office and was sworn into the Port Commission group as the newest member.

**APPROVAL OF AGENDA**

Chairman West asked for a motion to approve the agenda:

Motion to approve made by Lean, seconded by Rowe.

At the Roll Call:  
Ayes: Lean; West; Rowe; Sheffield  
Nays:  
Abstain:

The motion **CARRIED**.

**APPROVAL OF MINUTES**

September 15, 2021 Motion made by Rowe, seconded by Lean to approve minutes;

October 18, 2021

Regular Meetings At the Roll Call  
Ayes: West; Rowe; Sheffield; Lean; McCann  
Nays:  
Abstain:

The motion **CARRIED**.

## **CITIZENS' COMMENTS**

- Ken Morton, NJUS stated Utility Board met and is planning to reevaluate their foundation plan for the new tank farm site, and going with a pile driven design. A cost estimate is being compiled. It would most likely be an array of piles, with the tank and associated structure on top.

## **COMMUNICATIONS**

- 21-11-30 USACE Quarterly Cost Share Letter to City of Nome
- 21-12-05 Shipping's Arctic Future - Maritime Exec
- 21-12-06 Ice Radar MOU with UAF-GI 10-2021
- 21-12-06 Unalaska Wants an Arctic Port - High North News

### Discussion:

- Group discussion on Polar Security Cutters and Nome being a place for these vessels to work out of vs Unalaska due to less travel time and costs to respond to incidents in the Bering Sea / Arctic.

## **COMMISSIONER'S UPDATES**

- C. Sheffield commented that on Dec 9<sup>th</sup> participated in USACE section 106 mitigation meeting to identify potential areas of cultural impact adjacent to the Snake River and Sand Spit Village location discovered during the 2004-2006 USACE Navigation Improvements Project. She commented that there was not a lot of time for discussion time so is hoping for a follow up meeting.

## **HARBORMASTER'S REPORT**

HM Stotts was absent so PD Baker provided an overview of Port operations including;

- HM Stotts has been helping PWR these last couple weeks hauling snow.
- Caitlin LeClair is working through the AR list and contacting users to get payments in.
- HM Stotts is working on spring ordering for the facility and prepping vessel schedules.
- Port Office had frozen pipes with Building Maintenance and HM Stotts working to resolve.

### Discussion:

- None.

## **PORT DIRECTOR'S REPORT**

PD Baker provided an overview of facility projects and their status including;

- Arctic Deep Draft Port Design still moving forward; the Corps and City team anticipate the 35% design to be complete by end of February. Both the City and Corps teams hope design integration continues to go well to reach that milestone, and allow them to move onto the 65% design level.
- The Corps does not see any conflicts with the Port Commission's suggested dock changes.
- The CAP 107 project is struggling to hit some milestones, and on a parallel path, coordination is occurring to compile the Programmatic Agreement on potential impact to cultural items and mitigation strategies if this does occur.
- The Civil works and Operations Sections are currently unaligned on action to de-authorize the east and south docks, along with portions of the existing federal dredge footprint, within the ongoing study to deepen the inner harbor basin. The Corps would still maintain the navigation channel and existing inner harbor, but the action would shift ownership and maintenance responsibility to the City. The City team continues discussing with the Corps.....
- Winter closeout report for the Launch Ramp Replacement Project, with a punch list for spring.

### Discussion:

- Lean commented that he was under the impression that the CAP project was going to occur prior to the Out harbor project; the South Wall areas would need to be used as a staging area for the large expansion project and now there may be two projects going at the same time.

- Lean asked about the panels on the concrete ramp and how much they needed to be shaved down or lowered? PD Baker stated that we are evaluating options.

#### **OLD BUSINESS**

- None

#### Discussion:

- None

#### **NEW BUSINESS**

Recommending Port Tariff Revisions

- The item was tabled for further information.

#### Motion:

None

#### **CITIZENS' COMMENTS**

None

#### **COMMISSIONER'S COMMENTS**

- Lean commented that we are currently having a winter that is equally as cold as 2012 when the RENDA fuel tanker could not get to the dock due to a pressure ridge that formed at the end of the harbor. Feels this year will have more ice and the spring break up in the Outer Harbor will be delayed an additional week or two due to that pressure ridge.
- Sheffield welcomed Drew McCann and also said the recent storm was gusting to 99mph, that night and into the morning we had 6 foreign industrial vessels north of Gambell; convoying with an icebreaker from the north. Also asked for a presentation from Graphite One in the future possibly.
- Smithhisler none.
- Rowe welcomed Drew McCann to the Commission and said it was a good meeting.
- West none.

#### **ADJOURNMENT**

Motion was made by for adjournment 8:13pm.

**APPROVED** and **SIGNED** this 20<sup>th</sup> day of January 2022.

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**Jim West, Chairman**

**ATTEST:**

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**Joy Baker, Port Director**

STATE CAPITOL  
P.O. Box 110001  
Juneau, AK 99811-0001  
907-465-3500



550 West Seventh Avenue, Suite 1700  
Anchorage, AK 99501  
907-269-7450

## Governor Mike Dunleavy STATE OF ALASKA

December 22, 2021

The Honorable Thomas R. Carper  
Chair, U.S. Senate Committee on  
Environment and Public Works  
410 Dirksen Senate Office Building  
Washington, D.C. 20510

The Honorable Peter A. DeFazio  
Chair, U.S. House Committee on  
Transportation and Infrastructure  
2134 Rayburn House Office Building  
Washington, D.C. 20515

The Honorable Shelley Moore Capito  
Ranking Member, U.S. Senate  
Committee on Environment and  
Public Works  
456 Dirksen Senate Office Building  
Washington, D.C. 20510

The Honorable Sam Graves  
Ranking Member, U.S. House Committee  
on Transportation and Infrastructure  
1135 Longworth House Office Building  
Washington, D.C. 20515

Dear Chair Carper, Ranking Member Capito, Chair DeFazio and Ranking Member Graves:

Please support full funding in the 2022 Water Resources Reform and Development Act (WRDA) for the design and construction for the Arctic Deep Draft Port in Nome, Alaska. The Arctic Deep Draft Port is vital infrastructure for the region, the State of Alaska, and for the nation. The project will expand capacity at the existing port to accommodate vessels with a draft up to forty feet and lengths up to six hundred feet to support regional and international maritime operations.

The Department of Navy's January 2021 "Strategic Blueprint for the Arctic" highlighted the following infrastructure needs, "...port facilities, airfields, and shore infrastructure – across the Arctic is critical for naval forces to project power." The U.S. Coast Guard's April 2019 Arctic Strategic Outlook notes, "To respond to increased demand across the entire suite of Service missions, from rescues to regulatory functions, the Coast Guard must build capacity and capabilities to access the most remote parts of the Arctic domain." The U.S. Army Corps of Engineers' (ACOE) 2013 Arctic Deep Draft Port System Study concluded the following, "There is a need to invest further in port development for the Alaskan Arctic to be able to respond to the changes in conditions..."

In Section 154 of the WRDA of 2020 stated the need most clearly:

*It is in the national interest to enhance existing, and develop, maritime transportation infrastructure in the Arctic, including an Arctic deep draft strategic seaport in Alaska,*

December 22, 2021

Page Page 2 of 2

*that would allow the Coast Guard and the Navy each to perform their respective statutory duties and functions on a permanent basis with minimal mission interruption.*

The Port of Nome is strategically located to advance U.S. national security interests in the Arctic. As seasonal sea-ice recedes, Russia and China are aggressively advancing their economic and military agendas in the Arctic and the U.S. currently has no shore-based maritime infrastructure to support national security vessel operations within the region. The Arctic Deep Draft Port is being designed to accommodate U.S. Navy and U.S. Coast Guard vessels, including an Arleigh Burke-class destroyer, a Ticonderoga-class cruiser, a National Security Cutter and Heavy Polar-class icebreaker.

A deep draft port in Nome would be the second in the U.S. Arctic, with Unalaska currently the only such facility. Unalaska is over 700 sailing miles south of Nome, which is the same distance from the Port of New York to Port of Savannah in Georgia. In addition to the strategic national interests outlined above, an improved Port of Nome will also greatly benefit the thirty-five villages that use Nome as a supply hub for fuel and consumer goods. None of these communities are connected by road to each other, or to the rest of the state.

The U.S. Army Corps of Engineers completed its feasibility study for the project and submitted a Chief's Report to Congress in June of 2020. Congress included the Arctic Deep Draft Port in WRDA 2020 and authorized the project at \$505,233,000. The City of Nome is currently working with the Army Corps to complete the Preliminary Engineering and Design phase for the project. While the City and State of Alaska have contributed the non-federal cost share for this phase, the balance of project costs for design and construction for the Arctic Deep Draft Port present substantial economic challenges for the City and the State. I am therefore requesting that Congress address this project consistent with how other large-scale projects have been funded that provide strong contributions to regional and national interests.

I appreciate your consideration of my request, and look forward to working with you as you proceed with consideration of the 2022 WRDA.

Sincerely,



Mike Dunleavy  
Governor

cc: The Honorable Lisa Murkowski, United States Senate  
The Honorable Dan Sullivan, United States Senate  
The Honorable Don Young, United States House of Representatives  
Kip Knudson, Director of State/Federal Relations, Office of the Governor

**From:** ["Alaska NavManager - NOAA Service Account" via AAHPA-members](#)  
**To:** [Hadley Owen - NOAA Federal](#)  
**Subject:** [aahpa] Next NOAA HSRP public Federal Advisory Committee Meeting (March 2022) & Request for Nominations for New Panel Members  
**Date:** Thursday, January 13, 2022 12:11:06 PM

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Caution! This message was sent from outside your organization.

Good afternoon, all,

A couple of notes for your awareness, regarding NOAA's Hydrographic Services Review Panel.

### **NOAA Hydrographic Services Review Panel (HSRP) Federal Advisory Committee**

The next NOAA Hydrographic Services Review Panel (HSRP) Federal Advisory Committee public meeting will be held March 9 and 10, 2022, and will again be virtual.

The Hydrographic Services Review Panel (HSRP) advises NOAA on operations and research issues related to navigation, hydrographic surveying, nautical charts, tides and currents, geodetic and geospatial data and measurements, Arctic priorities and coastal data and resilience.

The HSRP Federal Advisory Committee public meetings focus on topics related to the navigation services portfolio of the National Ocean Service. The meetings often include the following: updates from the three HSRP working groups (Planning and Engagement, Technology, and Arctic Priorities); development and finalization of issue papers and recommendations to NOAA; comments and suggestions regarding white papers on regional, state and national priorities; and review and discussion of proposed priorities for the HSRP.

Please register to attend the upcoming virtual NOAA HSRP Spring meeting, Mar 9-10, 2022, at

<https://attendee.gotowebinar.com/register/4379173811123072784>

### **Seeking Nominations for New HSRP Members**

NOAA is also currently seeking nominations for new HSRP members. Applicants should have expertise in marine navigation, port administration, maritime shipping or other intermodal transportation industries, cartography and geographic information systems, geodesy, geospatial data, physical oceanography, coastal resource management (including coastal resilience and emergency response), or other science-related fields.

Full information on the nomination process can be found

here: <https://www.nauticalcharts.noaa.gov/hsrp/call-application.html> The list of current HSRP members includes representatives from the maritime transportation, marine pilotage, port administration, geodetic and surveying, and recreational boating industries, among others. It is available at <https://www.nauticalcharts.noaa.gov/hsrp/panel.html>.

Please feel free to reach out with any questions.

Respectfully,

LCDR Hadley Owen, NOAA  
Navigation Manager, Alaska

[NOAA Office of Coast Survey](#)  
222 West 7th Ave

Box 43 / Room 552  
Anchorage, AK 99513

Office: 907.271.3327  
Cell: 907.231.7112  
[Alaska.NavManager@noaa.gov](mailto:Alaska.NavManager@noaa.gov)

[Click here for a StoryMap of 2021 NOAA Hydrographic Surveys in Alaska!](#)

*Regardless of when it was received, please disregard this email until during your work hours.*

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This list (AAHPA-members) is for furthering the goals of the AAHPA. Subscriptions are open to active members of the AAHPA and agency partners. This is a private, restricted, unmoderated email list to provide a forum for questions, discussions and announcements of interest to our membership. List members may ask a question of the group, post an announcement or offer news of interest to the association.

To send a message to the group, email [aahpa-members@alaskaharbors.org](mailto:aahpa-members@alaskaharbors.org)

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You received this message because you are subscribed to the Google Groups "AAHPA-members" group.

To unsubscribe from this group and stop receiving emails from it, send an email to [aahpa-members+unsubscribe@alaskaharbors.org](mailto:aahpa-members+unsubscribe@alaskaharbors.org).

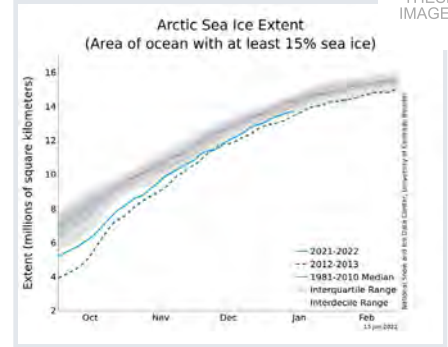
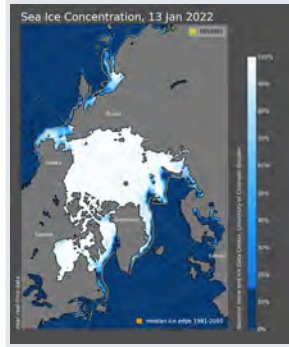
To view this discussion on the web visit

[https://groups.google.com/a/alaskaharbors.org/d/msgid/aahpa-members/CAOVGzOS-ADurxU7uj900E3JPHTRXXD8\\_ims4h87ubvSjOG-aUQ%40mail.gmail.com](https://groups.google.com/a/alaskaharbors.org/d/msgid/aahpa-members/CAOVGzOS-ADurxU7uj900E3JPHTRXXD8_ims4h87ubvSjOG-aUQ%40mail.gmail.com).



## Daily Image Update

Read scientific analysis on Arctic sea ice conditions. We provide an update during the first week of each month, or more frequently as conditions warrant.



ABOUT THESE IMAGES

Click for high-resolution image. —Credit: National Snow and Ice Data Center

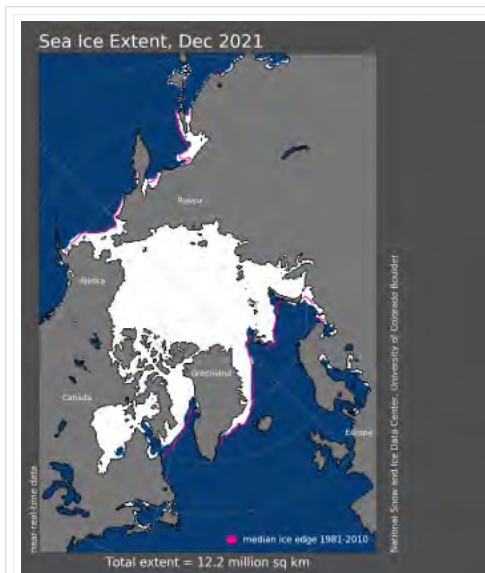
Antarctic daily images

## A good winter, relatively speaking

January 5,

2022 January 2022, Arctic sea ice extent, while well below average, was within the lowest decile of recorded extents of the 1981 to 2010 reference period. Sea ice now completely covers Hudson Bay; the only area with substantially below average extent is in southern Baffin Bay and north of Labrador.

### Overview of conditions



Average Arctic sea ice extent for December 2021 was 12.19 million square kilometers (4.71 million square miles), which ranked thirteenth lowest in the satellite record. The 2021 extent was 650,000 square kilometers (251,000 square miles) below the 1981 to 2010 average. As of early January 2022, sea ice completely covers Hudson Bay. The only area with extent remarkably below normal is southern Baffin Bay and off the coast of Labrador, where the December sea ice extent ranked fourth lowest.

Figure 1. Arctic sea ice extent for December 2021 was 12.19 million square kilometers (4.71 million square miles). The magenta line shows the 1981 to 2010 average extent for that month. [Sea Ice Index data](#). [About the data](#)

Credit: National Snow and Ice Data Center  
[High-resolution image](#)

## Conditions in context

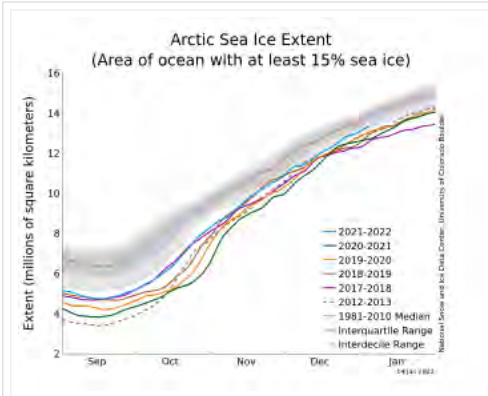


Figure 2a. The graph above shows Arctic sea ice extent as of January 4, 2022, along with daily ice extent data for four previous years and the record low year. 2021 to 2022 is shown in blue, 2020 to 2021 in green, 2019 to 2020 in orange, 2018 to 2019 in brown, 2017 to 2018 in magenta, and 2012 to 2013 in dashed brown. The 1981 to 2010 median is in dark gray. The gray areas around the median line show the interquartile and interdecile ranges of the data. [Sea Ice Index](#) data.

Credit: National Snow and Ice Data Center  
[High-resolution image](#)

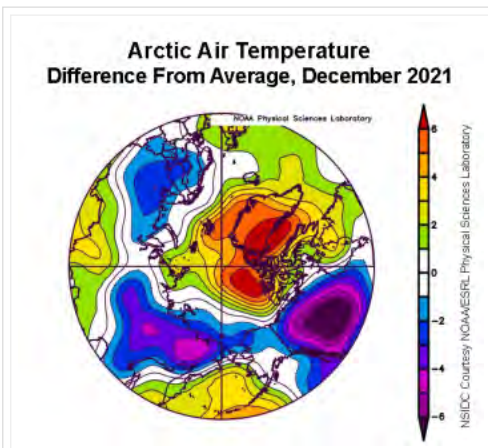


Figure 2b. This plot shows the departure from average air temperature in the Arctic at the 925 hPa level, in degrees Celsius, for December 2021. Yellows and reds indicate higher than average temperatures; blues and purples indicate lower than average temperatures.

Credit: NSIDC courtesy NOAA Earth System Research Laboratory Physical Sciences Laboratory  
[High-resolution image](#)

The air temperature pattern averaged for December 2021 at the 925 millibar level (about 2,500 feet above the surface) was characterized by above average temperatures. Temperatures were up to 6 degrees Celsius (11 degrees Fahrenheit) above average over Greenland, north of the Canadian Arctic Archipelago, and the East Greenland Sea. Three areas of below average temperatures were found over western and eastern Eurasia and northwestern Canada (Figure 2b). The corresponding sea level pressure pattern for December 2021 featured fairly low pressures (less than 1,015 millibars) encompassing essentially all of the Arctic except for the Laptev Sea region (Figure 2c). These pressures were nevertheless not substantially unusual compared to average—at most 6 to 7 millibars below average. The notable exception is south of the Aleutian Islands, where the sea level pressure was up to 24 millibars above average.

### Average Sea Level Pressure December 2021

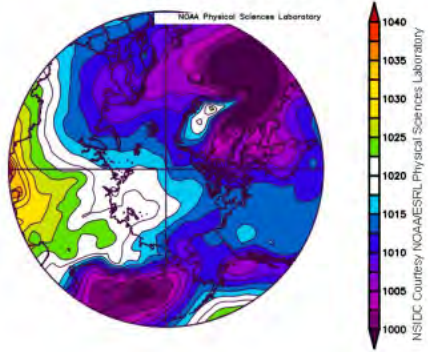


Figure 2c. This plot shows average sea level pressure in the Arctic at the 925 hPa level, in degrees Celsius, for December 2021. Yellows and reds indicate high air pressure; blues and purples indicate low pressure.

Credit: NSIDC courtesy NOAA Earth System Research Laboratory Physical Sciences Laboratory  
[High-resolution image](#)

### December 2021 compared to previous years

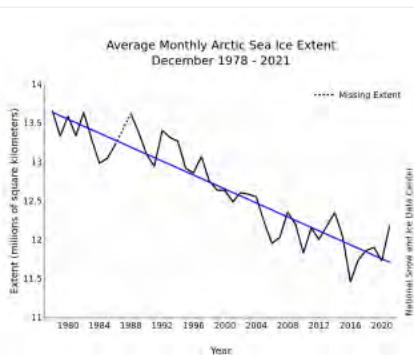


Figure 3. Monthly December ice extent for 1979 to 2021 shows a decline of 3.5 percent per decade.

Credit: National Snow and Ice Data Center  
[High-resolution image](#)

The downward linear trend in December sea ice extent over the 43-year satellite record is 45,000 square kilometers (17,400 square miles) per year, or 3.5 percent per decade relative to the 1981 to 2010 average. Based on the linear trend, since 1979, December has seen a loss of 1.88 million square kilometers (726,000 square miles). This is equivalent to about three times the size of Texas.

### Hudson Bay ices over

In our previous post, we noted that by the end of November, the northern half of Hudson Bay is usually completely iced over. As of the end of November 2021, only the far north was frozen over; the rest of the bay was ice free except for a narrow band of ice along the western coastline. However, as lower temperatures kicked in and the upper ocean lost the heat that it had gained in summer, the entire bay subsequently froze over. The ice cover is now complete.

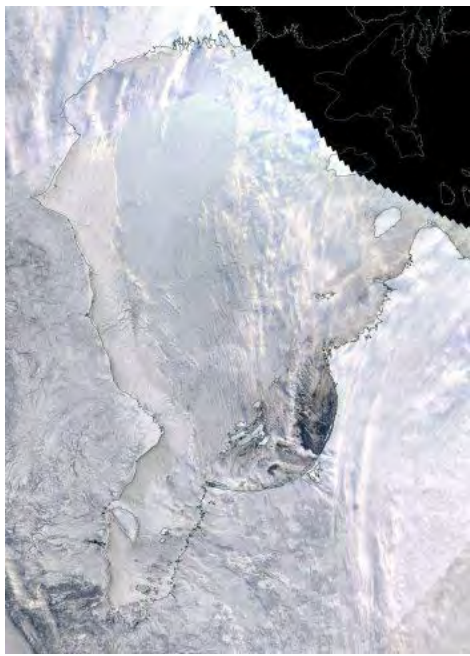


Figure 4. This NASA Worldview image shows the last part of Hudson Bay freezing up along the southeast coast as of December 23, 2021. After a late freeze up, Hudson Bay is completely ice covered as of early January 2022.

Credit: NASA

[High-resolution image](#)

## Antarctic notes

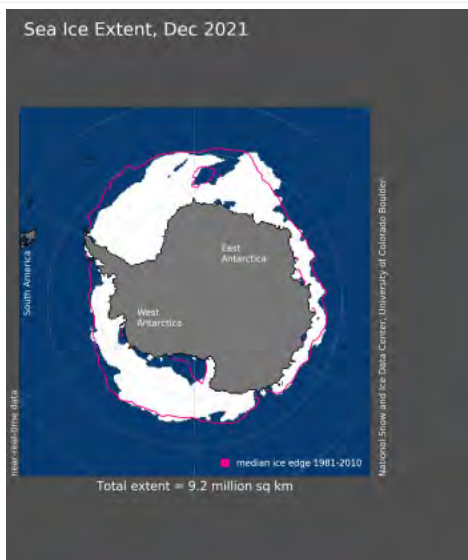


Figure 5. Antarctic sea ice extent for December 2021 was 9.2 million square kilometers (3.55 million square miles). The magenta line shows the 1981 to 2010 average extent for that month. [Sea Ice Index data](#). [About the data](#)

Credit: National Snow and Ice Data Center

[High-resolution image](#)

Antarctic sea ice extent for December 2021 was low overall, tracking at similar extents seen in 2017. Regionally, extent was particularly low in the Weddell Sea and southern Ross Sea regions. Several large polynyas formed in the eastern Weddell Sea; the Maud Rise Polynya opened in late November and then spread east to northeast. This is unusual; normally, the polynya extends south and west of its initiation point. The Southern Annular Mode (SAM) was in a strong positive phase through the first half of the month, indicating strong westerly winds and a strong low-pressure area in the Amundsen Sea. Sea ice conditions are not yet favorable for two planned cruises near Thwaites Glacier, one by the US Antarctic research program (RV *Nathaniel B. Palmer*) and the other by the South Korean (RV *Araon*). Ships are due to arrive in late January.

## Killer whales in the Arctic

Bowhead whales have played an integral role in the cultural and subsistence life of Inuit communities for millennia. New [research](#) at the University of Washington analyzing acoustic data has found that the loss of sea ice has allowed killer whales, also known as Orcas, to venture into waters that were once inaccessible to them. The expanding range of killer whales, a top predator, has potential ramifications for the Arctic food web and especially bowhead whales. Indigenous Arctic communities have noted an increased number of carcasses of bowhead whales in the Chukchi and Beaufort seas that were preyed upon by Orcas. Normally, bowheads can avoid predation by retreating into protective areas of heavy sea ice that the smaller Orcas cannot break through to breathe. If the bowheads must spend more time in thick ice, this can be a problem because feeding opportunities are more limited. Calves that cannot break through the ice may also drown.

Posted in [Analysis](#)

## Lucas Stotts

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**From:** Erin Billings - NOAA Federal <erin.billings@noaa.gov>  
**Sent:** Thursday, January 13, 2022 9:51 AM  
**To:** Lucas Stotts  
**Subject:** National Weather Service Watch/Warning/Advisory Thresholds Questions

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Caution! This message was sent from outside your organization.

Good morning Lucas,

My name is Erin Billings and I am a meteorologist at the National Weather Service in Fairbanks. We've met a couple of times during my trips to Nome. We are in the process of re-evaluating the criteria for which we issue watches, warnings, and advisories. Some of these products that you may be familiar with are Winter Storm Warnings and Wind Advisories. The re-evaluation of these criteria is designed to improve the usefulness of our warnings, so that we are warning for weather events that pose an impact and matter to partners like you, and not warning for events that do not pose an impact.

We have a short questionnaire that your participation in would be greatly appreciated. If you would prefer to have a phone conversation, please let me know and I would be happy to set up a time. The more details you are able to provide, the better we can understand your operations and the impacts weather may cause. We may even be able to provide a phone call or email briefing or alert apart from a watch, warning, or advisory when we expect conditions that impact your operations to occur if desired.

The link to the questionnaire is here: [https://docs.google.com/forms/d/e/1FAIpQLSdeUp1T785DAVaPt0bEN-dAkmBi2W4iSdltwMjF3iFzHqswGA/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdeUp1T785DAVaPt0bEN-dAkmBi2W4iSdltwMjF3iFzHqswGA/viewform?usp=sf_link).

If you are unable to access the Google Form, the questions are below and you are welcome to answer them in a response to this email.

Thank you for your time, and please let us know if we can be of any further assistance!

Erin Billings

### **Watch, Warning, and Advisory Partner Questionnaire:**

#### **Snow related questions**

What amount of snow causes impacts in a 12, 24, and/or a 48 hour period?

What amount of snow causes minor impacts. What amount causes major impacts?

How much snow will prevent you from going hunting?

How much snow on the airport runway causes impacts?

How much snow would it take to shut down your runway or impact community roads?

What are the impacts of 1-2", 2-4", 4-6" of snow in one day?

### **Freezing Rain Related Questions**

What are the impacts of freezing rain? How much ice accumulation causes significant impacts?  
How much to where you cannot travel around the village?

How much to where power issues arise?

How much to where planes cannot land?

How much to where people don't go hunting?

### **Wind Related Questions**

What are the impacts of wind? Has there been a recent event where the wind has had an impact?

How strong do winds have to be to have a significant impact?

Is there a wind direction that causes more impacts than others?

### **Wind Chill Related Questions**

What are the impacts of cold wind chills?

Does the school have a wind chill threshold at which students don't go outside?

How cold of a wind chill is enough to halt normal outdoor activities such as hunting?

### **Other Questions**

What time of year does frost have an impact? Does it have an impact?

Does hot weather ever pose a high impact, human stress, or damage?

What do you want to be woken up in the middle of the night for? (warnings)

What are known snowmachine travel routes from your community to other communities?

Is there anything else you would like us to know?



<u>DOA</u>	<u>DOD</u>	<u>SHIP NAME</u>	<u>LOA</u>	<u>TOA</u>	<u>TOD</u>	<u>BERTH</u>
5/31/2022	6/2/2022	AML - W2003	400'			CITY DOCK
6/29/2022	7/1/2022	AML - W2006	400'			CITY DOCK
7/10/2022	same	HERITAGE ADVENTURE	407'	6:00	18:00	CITY DOCK
7/19/2022	same	SH MINERVA	371'	7:00	18:00	CITY DOCK
7/20/2022	same	SYLVIA EARLE	341'	9:00	18:00	CITY DOCK
7/21/2022	7/22/2022	AML - W2007	400'			CITY DOCK
7/23/2022	same	ROALD AMUNDSEN	459'	6:00	22:00	CITY DOCK
7/24/2022	same	HERITAGE ADVENTURE	407'	6:00	18:00	CITY DOCK
8/2/2022	same	SH MINERVA	371'	7:00	18:00	ANCHOR
8/2/2022	same	SYLVIA EARLE	341'	8:00	18:00	CITY DOCK
8/6/2022	same	HERITAGE ADVENTURE	407'	7:00	10:00	ANCHOR
8/7/2022	same	HERITAGE ADVENTURE	407'	8:00	15:00	ANCHOR
8/7/2022	same	NG RESOLUTION	408'	6:00	18:00	CITY DOCK
8/11/2022	same	NG ENDURENCE	409'	6:00	18:00	CITY DOCK
8/15/2022	same	SYLVIA EARLE	341'	6:00	18:00	CITY DOCK
8/16/2022	8/18/2022	AML - W2008	400'			CITY DOCK
8/19/2022	same	NG RESOLUTION	408'	6:00	18:00	CITY DOCK
8/20/2022	same	SH MINERVA	371'	9:00	18:00	CITY DOCK
8/21/2022	same	HERITAGE ADVENTURE	407'	6:00	18:00	CITY DOCK
8/24/2022	same	ROALD AMUNDSEN	459'	6:00	22:00	CITY DOCK
9/4/2022	same	HERITAGE ADVENTURE	407'	6:00	18:00	CITY DOCK
9/5/2022	same	SCENIC ECLIPSE	551'	8:00	18:00	CITY DOCK
9/15/2022	same	L'AUSTRAL	466'	7:00	20:00	CITY DOCK
9/17/2022	same	SILVER WIND	511'	7:00	17:00	CITY DOCK
9/17/2022	9/18/2022	ARAON (research)				ANCHOR
9/20/2022	same	LE BOREAL	466'	7:00	18:00	CITY DOCK
10/1/2022	same	LE COMMANDANT CHARCOT	492'	6:30	10:00	CITY DOCK
10/3/2022	10/5/2021	AML - W2009	400'			CITY DOCK
	Cruise vessels over 450' will require CITY and MIDDLE Docks.					



**Lucas** – The light has arrived in Anchorage, see attached for a variety of photos. The cable connection is in the “bottom” position.

It is currently at the WESCO location in Anchorage.

WESCO is wondering if the City of Nome has any regular shipments from Anchorage to Nome? Currently shipments to the Western Alaska is congested, so if you have a regular shipping method and we can get the light on it that would be ideal.

Cheers,

**Ian Hofmann PE**

Electrical Engineer

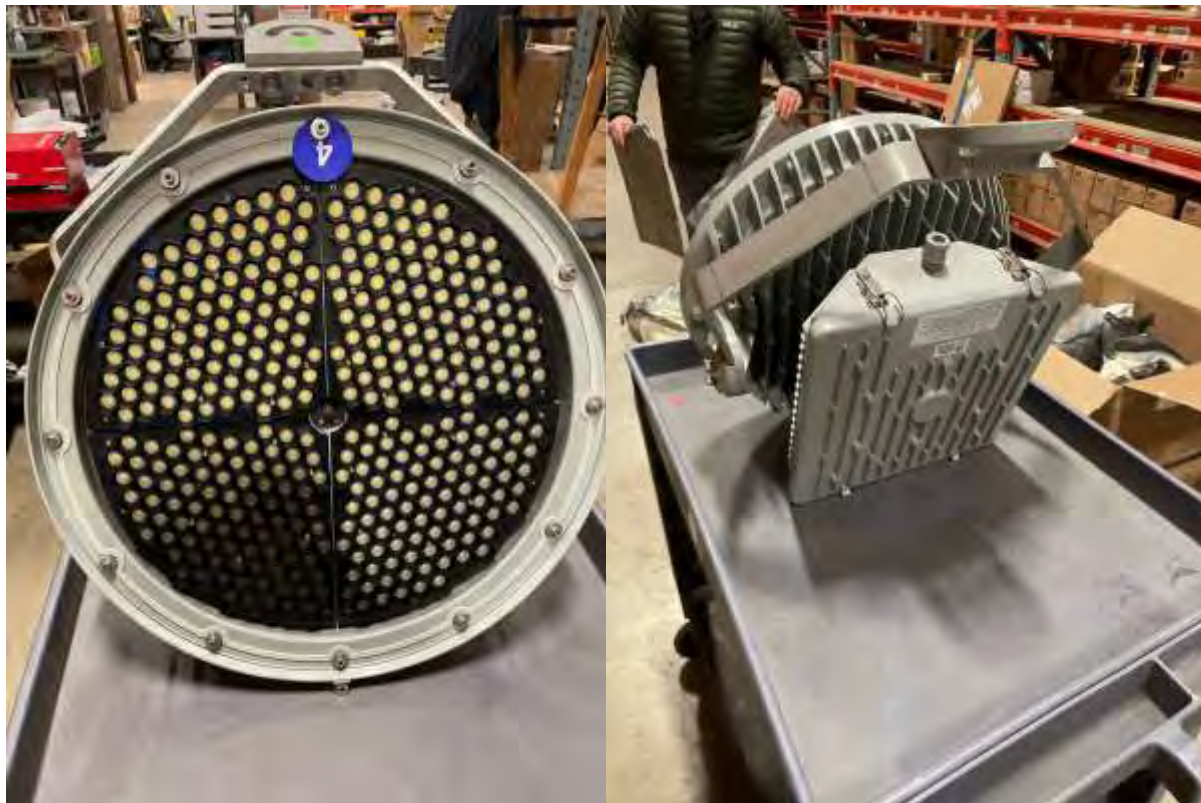
**CRW Engineering Group, LLC**

3940 Arctic Blvd, Ste. 300

Anchorage AK 99503

Office 907-562-3252 | Direct 907-646-5674

[www.crweng.com](http://www.crweng.com)





# Memo

To: Glenn Steckman – City Manager  
From: Joy L. Baker – Port Director *JLB*  
CC: Mayor Handeland & Common Council; Port Commission  
Date: January 18, 2022  
Re: Monthly PD Report/Capital Projects Update – January 2022

---

## **Administrative:**

Staff continue working collections, statistics, inventory, budget tracking, reporting compliance, maintenance needs, planning, purchasing, training and vessel scheduling for 2022.

The Port Commission will have a Work Session at 5:30pm on Thursday, 20 Jan 2022 to review and discuss a graduated rate scale for gravel exports, and other potential changes to the Port Tariff, followed by a Regular Meeting at 6:30 pm.

## **Causeway:**

### Arctic Deep Draft Port – Nome Modifications Pre-Construction Engineering & Design (PED):

Corps/City project managers continue monitoring cost-share updates, schedule, and any necessary budget changes as the federal features (breakwaters/dredging) move through the design phase. Documents reflecting the City's intent to provide work-in-kind efforts are under review by the Pacific Ocean Division (POD-Hawaii), but allowing portions of the federal project out for others to review is a new concept for the Corps, so it is taking some time. Project is on schedule.

### Local Service Facilities (LSF) Design Integration:

Bi-weekly meetings continue with the Corps and City design teams for integrating elements of joining the City's Local Service Facilities (LSF), with the Corps' General Navigation Features (GNF), on an aggressive schedule as outlined by the USACE HQ. Design criteria has been scrutinized by each team and all aspects show to be in alignment with original Corps design intent, with 35% design submittals due in early February, and 65% design complete by end of June 2022.

- Anyone with questions on this project can call 907-304-1905 or email [jbaker@nomealaska.org](mailto:jbaker@nomealaska.org)  
Further info on the project study is located on the Port of Nome page at [www.nomealaska.org](http://www.nomealaska.org).

### Sediment at Causeway Bridge:

*The Corps continues efforts to obtain an official waiver from HQ to secure permission to partner with the City to use real estate owned by SNC/BSNC adjacent to the project to stockpile sediment during excavation.*

## **Harbor:**

### Inner Harbor CAP 107 Study (Deepen/Widen the Inner Basin):

This project has encountered a hurdle with the Pacific Ocean Division (POD) directing the Alaska District to pursue de-authorization of portions of the federal dredge footprint in the Nome Harbor, along with the East and South Dock sheet pile faces, making them local responsibilities. These

requirements have been identified as necessary steps based on an older Corps policy just being implemented at Nome. De-authorization requires congressional action which takes time, and converts maintenance that has always been federal responsibility, to the City. After further discussion with the Corps, it appears the City has three choices:

- 1/accept the de-authorization path and the Corps will move forward with the TSP #4 milestone;
- 2/terminate the Corps study and the project goes to file 13;
- 3/elevate the problem to the Congressional Delegation to seek some type of remedy;

Discussion with the Corps continues.

Concrete Launch Ramp Replacement Project:

*The launch ramp project is now lying dormant for winter at 97% completion, with the remaining work scheduled for late spring/early summer of 2022.*

Snake River Moorage & Vessel Haulout Facility:

*City personnel continue to search for applicable funding vehicle to develop this project.*

**Port Industrial Pad:**

West Nome Tank Farm (Property Conveyance):

The City continues to work with JBER and HQ USAF personnel to understand the remaining steps required to complete the property conveyance to the City. At this time, it is anticipated the final documents could be signed sometime around Oct/Nov 2021. In the meantime, the City and NJUS continue collaborating on development of the site for relocating the NJUS tank farm, and defining vessel lay down closer to the ramp.

Port Rd. Improvements (ADOT Project cost-shared with City/Port):

*ADOT expects the project solicitation period to be during spring 2022, with construction in summer 2022.*

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*Italics reflects no change in project information from previous report.*

Additional details available upon request.



**PORT COMMISSION  
AGENDA STATEMENT**

**MEETING DATE:** January 20, 2022 – Port Commission

**FROM:** Joy Baker, Port Director *JLB*

**SUBJECT:** Requesting Common Council to authorize \$1,680,425 to PND Engineers to provide 65% design level for the docks/road as part of Phase 1 of the Army Corps of Engineers’ Nome Modifications (ADDP) Project (#NOM0016)

**Background & Justification:**

On 14 Sept 2021, the City of Nome awarded \$206,660 in a design funds to PND Engineers to initiate 35% design of the City’s deep water basin docks and Causeway Road, known as Local Service Facilities (LSF). The City’s responsibility of this work is stated in the 16 June 2021 Design Agreement signed with the Alaska Corps District.

PND is on schedule to complete the 35% submittals by 15 Feb, per Corps schedule, and is requesting the balance of \$621,150 per the proposal shown below. Also, to avoid delays and remain aligned with the aggressive Corps schedule, PND has requested the 65% design level fee of \$1,058,425 to meet the deadline for submittals due by 30 June 2022.

**LSF Design Fees – Phase 1**

Task	Design Stage	Description	Fee	Fee Type	City Paid	Balance
A	35% Design	Local Service Facilities Design	\$821,150	Fixed Fee	\$200,000	\$621,150
	65% Design		\$1,058,425			\$1,058,425
	95% Design		\$781,653			
	100% Design		\$157,477			
B	Following 95%	COE Review Support	\$62,150	T&M NTE		
C	N/A	Alt. Surfacing	\$106,750	Fixed Fee		
D	Initial Permitting	Permitting	\$10,850	T&M NTE		
					<b>Total Due</b>	<b>\$1,680,425</b>

*Total Fixed Fees*    \$2,925,455  
*Total T&M NTE Fees*    \$73,000  
*Total Project*    \$2,998,455

The original intent beyond the initial \$200K payment, was to use USDOT RAISE grant funds the City applied for on 12 July 2021. Unfortunately, this did not occur, but staff are actively reviewing the upcoming federal grant opportunities, in hopes of funding future services.

In the meantime, the Port is essentially in good standing with the City General Fund, and we continue to see increased revenue streams for gravel exports each season, with the 2022 cruise ship schedule showing a significant increase in port calls than any prior year. Barring any catastrophic event, the Port/Harbor should be back to generating sufficient revenues to fund operations, while setting aside funds in the rainy day account.

**Recommendation:**

The Port Commission support a request to the Nome Common Council to authorize awarding \$1,680,425 in funds to PND to achieve 65% design of the LSF features associated with Phase 1 of the USACE Arctic Deep Draft Port Project (Nome Modifications).

Presented By:  
Port Director

Action Taken:  
Yes 6  
No 0  
Abstain 0

CITY OF NOME, ALASKA

RESOLUTION NO. R-21-09-04 (amended)

**A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE A CONTRACT AMENDMENT WITH PND ENGINEERS, INC., TO FACILITATE THE INITIAL LAYER OF THE 35% DESIGN OF THE LOCAL SERVICE FACILITIES WITHIN THE PORT OF NOME MODIFICATIONS PROJECT AND ARCTIC PORT EXPANSION**

WHEREAS, the City executed an Agreement with the USACE Alaska District to cost-share at 35% on the design of the General Navigation Features (GNF) of the project, with the Local Service Facilities (LSF) design to be covered 100% by the non-federal sponsor and,

WHEREAS, the City solicited for qualified firms to propose on design Services for the LSF's, with PND, Inc. receiving the highest score, and therefore awarded the design contract by the Nome Common Council under R-21-06-02; and,

WHEREAS, the USACE Alaska District announced receipt of federal design funds through the F21 Work Plan and requested an Internal Technical Meeting with the City team to begin design of Phase 1, requiring the City to solicit a fee proposal from PND for the 35% level, and;

NOW, THEREFORE, BE IT RESOLVED, the Nome Common Council hereby authorizes the City Manager to execute an amendment to the June 15, 2021 contract agreement with PND, Inc. to begin work on the initial 35% design efforts for a fee of \$200,000.

APPROVED and SIGNED this 13<sup>th</sup> day of September, 2021.

  
JOHN K. HANDELAND,  
Mayor

ATTEST:

  
BRYANT HAMMOND,  
City Clerk

## AMENDMENT NO. 1 TO CONTRACT AGREEMENT

The original Agreement June 15, 2021, between the City of Nome, Alaska ("City") and PND Engineers, Inc., ("Consultant") is amended as follows:

1. Fee. In accordance with section 3 of the original Agreement, City agrees to pay Consultant \$200,000 for services rendered by Consultant in performance of work that is authorized pursuant to this Agreement, and described as in the attached Initial Services Proposal dated September 10, 2021. Additional funds for work beyond those described here-in will require separate and written authorization of the City.

2. Incorporation of All Terms and Conditions. Except as specifically and precisely stated in this Amendment, all of the other terms and conditions of the original Agreement, dated June 15, 2021, shall remain in full force and effect.

Dated this 14 day of September 2021.

**CITY OF NOME**

By

  
Glenn Steckman  
City Manager

**PND Engineers, Inc.**

By

Digital Sig in File

\_\_\_\_\_  
Bryan Hudson  
Principal





ENGINEERS, INC.

Ms. Joy Baker  
Port Director  
City of Nome  
P.O. Box 281  
Nome, AK 99762

September 10, 2021  
211002

Subject: Nome Local Services Facilities Design Proposal – Initial Services Only

Dear Ms. Baker:

PND Engineers, Inc. (PND) is pleased to provide this proposal to the City and Port of Nome (City) for the initial design of the Local Services Facilities (LSF) for the Arctic Port Expansion Project (APEP), Phase I, in Nome. PND's previous proposal addressed the full Phase I design of the LSF. Due to budgeting constraints, and an extension to the original overall project schedule, the City has asked that PND update our proposal to identify initial services needed to maintain the revised schedule until additional funding is available in late October or mid-November. The below scope of work outlines the initial services to be provided.

### Initial Services

To keep the project on schedule to deliver 35% drawings in late January of 2022, PND proposes to perform the following tasks related to the LSF:

- Attend weekly project meetings.
- Review previous and/or preliminary met-ocean studies.
- Develop initial project design criteria and associated criteria document.
- Utilize UASCE layout drawings to orient and layout locations of the three (3) new dock structures and five (5) new mooring dolphins.
- Preliminary OCSP tailwall calculations.
- Preliminary dolphin pile sizing and layouts.
- Preliminary causeway road design.
- Coordinate with USACE on permitting needs.

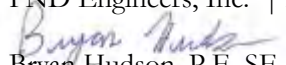
Deliverables for these initial tasks will be draft layout drawings at sub 35% level, for review and discussion with the USACE, the City and the Nome Joint Utility Services (NJUS) project team during weekly meetings. A draft design criteria document will also be developed that will continue to be updated throughout the project.

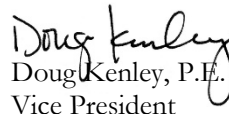
PND proposes to provide the tasks outlined above, between notice to proceed of this proposal (assumed the week of September 13, 2021) and November 12, 2021, for a Fixed Fee of \$200,000. PND understands that this initial funding may need to be further broken up into smaller work orders of \$150,000 authorized first and \$50,000 authorized by October 22, 2021.

Following November 12, 2021, the remainder of the 35% design fee outlined in our original July 30, 2021 proposal will need to be approved in order to maintain the current 35% design milestone delivery date of end of January 2022.

Sincerely,

PND Engineers, Inc. | Anchorage Office

  
Bryan Hudson, P.E., SE.  
Principal

  
Doug Kenley, P.E.  
Vice President



**PORT OF NOME MODIFICATIONS  
PRE-CONSTRUCTION, ENGINEERING & DESIGN  
TIMELINE**

- |                                       |           |
|---------------------------------------|-----------|
| 1. DESIGN PHASE BEGINS                | JUNE 2021 |
| a. 35% MILESTONE                      | OCT 2021  |
| b. 65% MILESTONE                      | MAR 2022  |
| c. 95% MILESTONE                      | AUG 2022  |
| d. 100% COMPLETION                    | NOV 2022  |
| 2. CONSTRUCTION BID PROPOSAL RELEASED | JAN 2023  |
| 3. APPROXIMATE AWARD ANNOUNCEMENT     | APR 2023  |
| 4. POTENTIAL CONSTRUCTION START       | AUG 2023  |



**DEPARTMENT OF THE ARMY**  
**ALASKA DISTRICT, U.S. ARMY CORPS OF ENGINEERS**  
**P.O. BOX 6898**  
**JBER, AK 99506-0898**

November 10, 2021

Joy Baker, Port Director  
City of Nome  
P.O. Box 281  
Nome, Alaska 99762

Dear Port Director, Baker:

As discussed in the a meeting on 19 October 2021, Alternative 4, the Tentatively Selected Plan (TSP), includes project features that require deauthorizing portions of dredge areas currently designated as Federal, as well as deauthorizing the East and South sheet-pile bulkheads facing these docks. During the meeting you requested a letter explaining the need for deauthorization and potential impacts to project schedule.

The re-alignment of the Federal dredge limits becomes necessary where the berthing areas required for the Fish and East docks that intrude into or overlap the existing Federal limits. These berthing areas are necessary to obtain project benefits from vessels using these features as docks. Redesignating these berthing areas would convert a portion of the current general navigation features (GNF) to local service facilities (LSF). The feasibility report will also include recommendation for deauthorizing the East and South bulkheads, recognizing their use as LSF/docks. These deauthorizations will require congressional action.

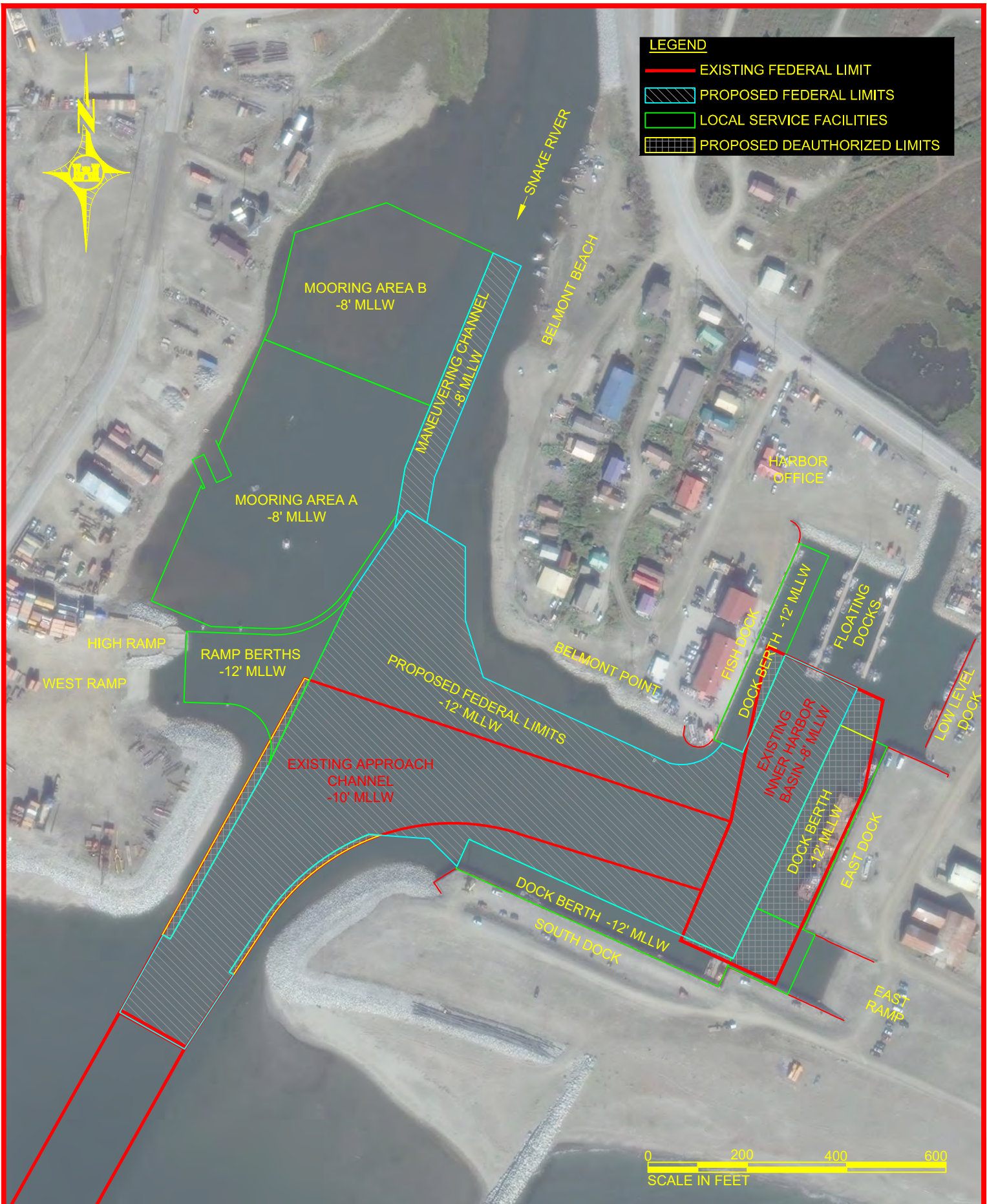
The deauthorization actions will need to take place prior to project construction. Once the deauthorizations are approved by Congress, the non-Federal sponsor accepts responsibility for construction and maintenance for these LSF. The Pacific Ocean Division, Alaska District is requesting acknowledgment that the City of Nome will support deauthorization at this time to show support for the TSP. A more detailed discussion of the reasons for deauthorization associated of a portion of the Federal dredge limits and the East and South docks is presented in Enclosure 1.

If you require further information, contact the Project Manager, Austring, Richard, at (907) 753-2827 or email at [Richard.D.Austring@usace.army.mil](mailto:Richard.D.Austring@usace.army.mil).

Sincerely,

Bruce R. Sexauer  
Chief, Civil Works  
USACE Alaska District

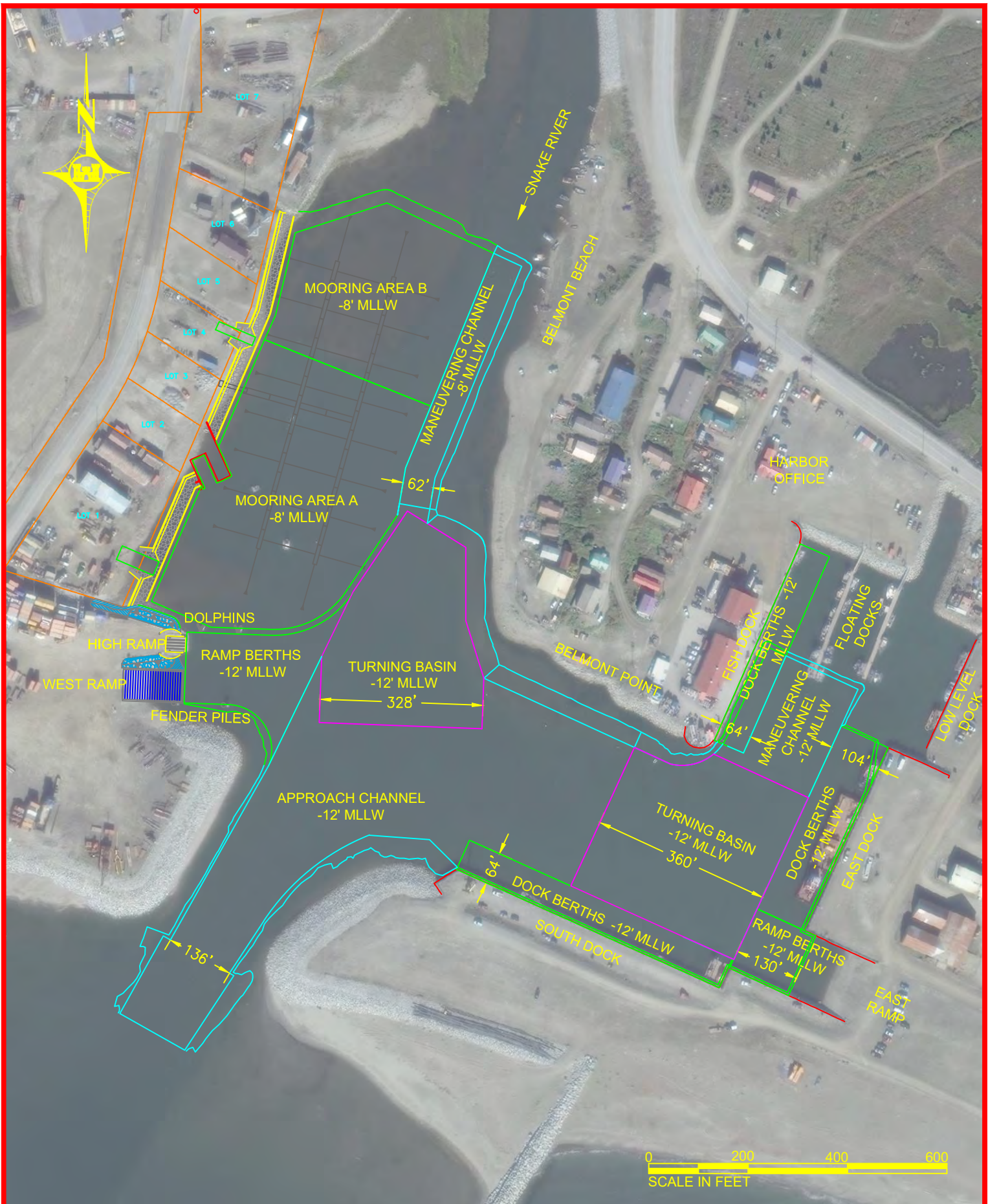
Enclosures



**US ARMY CORPS  
OF ENGINEERS  
ALASKA DISTRICT**

**GNF AREA CHANGES EXISTING AND ALT 4  
NOME SECTION 107**





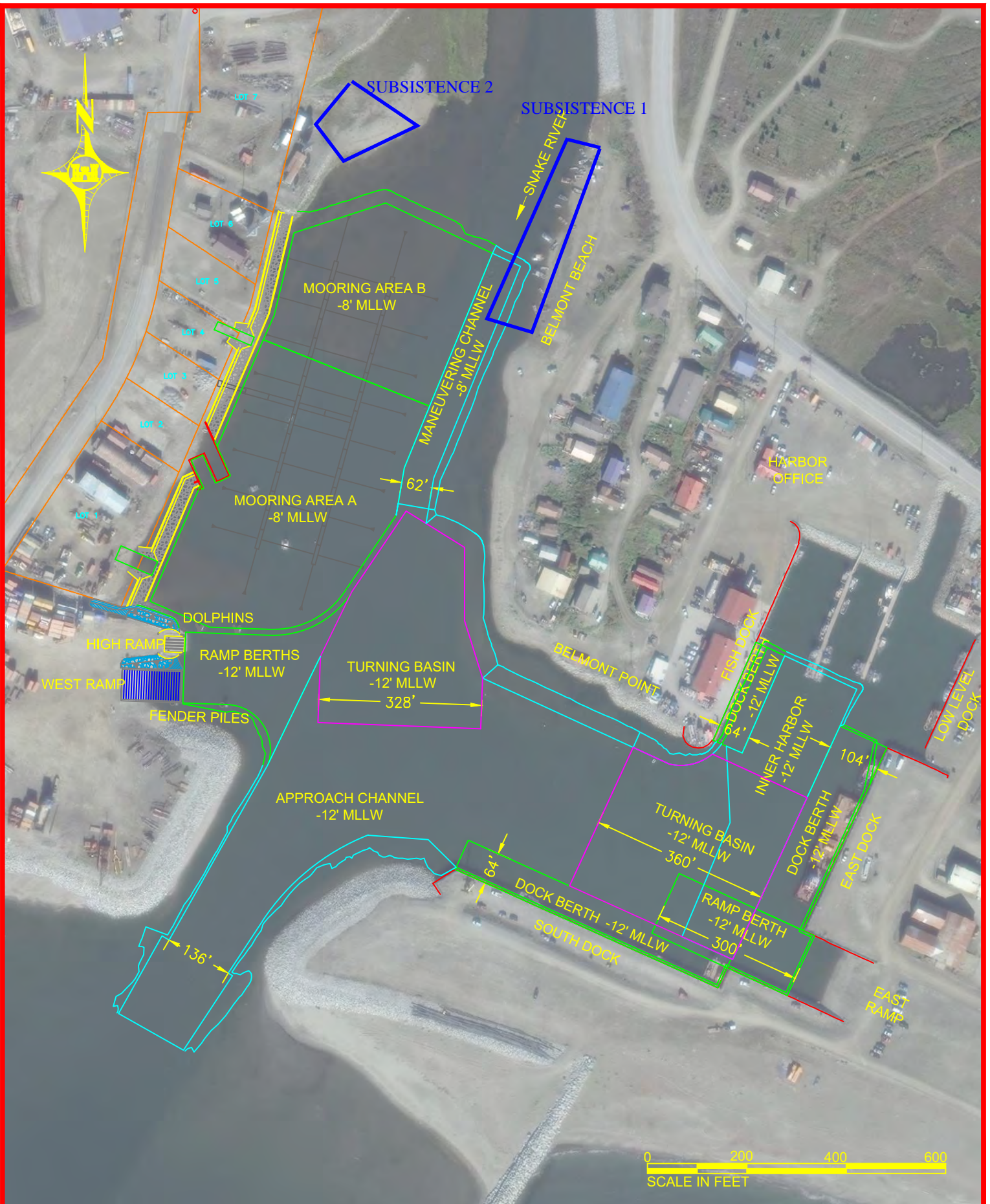
**US ARMY CORPS  
OF ENGINEERS  
ALASKA DISTRICT**

**ALTERNATIVE 4  
NOME SECTION 107**

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**US ARMY CORPS  
OF ENGINEERS  
ALASKA DISTRICT**

**ALTERNATIVE 4  
NOME SECTION 107**