



American Society of Civil Engineers – ASCE
State overview & report card update

ALASKA'S PORTS & HARBORS

A Presentation to the Senate Transportation Committee
April 27, 2021



2017 Ports & Harbors Grade: D

- No plan for establishing Arctic Deep Water Port
- Port of Alaska (Anchorage) had no recapitalization momentum
- Southeast Alaska regional cruise ship approach accommodating neo-Panamax was incomplete
- Small Boat Harbor matching ADOT Grant uncertain



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Alaska Report Card

Ports & Harbors

- Alaska has 33,000 miles of coastline more than the entire continental US combined.
- Three of the top 10 fishing ports are in Alaska
 - Dutch Harbor (first by weight), Kodiak & Naknek
- Tourism is essential to Alaska economy
 - Nearly 60% of all tourists arrive via cruise ship
 - Tourism is largest private employer in Southeast Alaska
- The United States is an Arctic Nation but for Alaska



Ports & Harbors Factoids

Largest Private Ports in Alaska:

- Valdez – Trans Alaska Pipeline
- Red Dog Mine
- Nikiski

Largest Public Port – Anchorage

- National Strategic/DOD Port
- 85% of all Alaska Cargo

Small Boat Harbors

- 149 total
 - 131 under local municipal control
 - 18 under ADOT
- Limited federal programs to maintain



Arctic Deep Draft Port - Nome

- March 2020: Army Corps of Engineers completed *Port of Nome Modification Feasibility Study & Final EA*
- December 2020: Project Authorized by Congress in 2020 WRDA Bill
- \$505M US Army Corps of Engineers Project w/local match \$126M required



Panamax vs Neo-Panamax

Port of Juneau – Pre-2016



Port of Juneau - Current



New public cruise ship docks – Juneau
completed in 2017

New private cruise ship docks – Hoonah
completed in 2019

New private cruise ship docks – Ward
Cove (Ketchikan) completed in 2020



Alaska DOT Harbor Facility Grant

Established in 2006

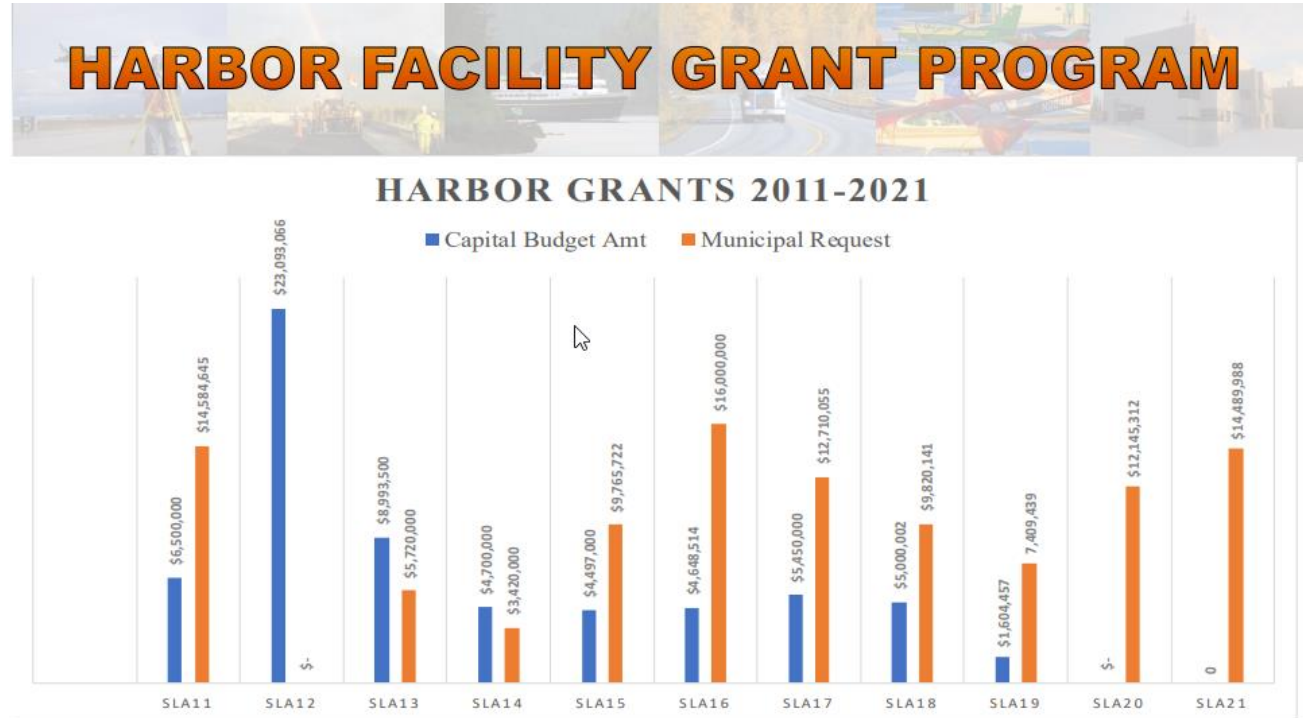
Only fully funded twice

Woefully underfunded at the legislative level

Purpose is to encourage local municipalities to assume financial and managerial responsibility of small boat harbors

Requires 50% local match

For most Alaska harbors it is the only source of grant funding



For FY22 :

Number of applications: 5

Tier I (1 applicant): \$ 5.0M

Tier II (4 applicants): \$ 9.049M

Total amount: \$ 14,049,988



Alaska Port & Harbors Grant Funding Wins

- Emmonak Dock (2018) \$23.1M (BUILD)
 - Port of Alaska (2019) \$25M (BUILD)
 - Port of Alaska (2020) \$20M (PIDP)
 - Port of Seward (2020) \$20M (PIDP)
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- Potential for Governor's \$350M Infrastructure Bond Initiative



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Ports & Harbors

2021 Ports & Harbors Grade: TBD

- Congress authorization to designate Nome as Deep Draft Arctic Port was more than a decade in the making
- Port of Alaska - Port Modernization Project is underway
- Private Investment for Cruise Ship Docks has built capacity for tourism economy
- Small Boat Harbor matching ADOT Grant remains unfunded and uncertain

