



Homer Harbor update
September 2023

Harbor Expansion: Key Events

- Project Charter Complete
- USACE Design Charrette Complete
- Project Development Team (PDT) achieved Alternatives Milestone

Key Events Ongoing

- Community outreach and engagement ongoing
 - Promoting opportunities for public input and project status updates
 - Website continuously updated (Homerharborexansion.com)
 - Environmental Stakeholder Working Group regular meetings (led by USACE)
- Continued Development Baseline Conditions (Coastal Modeling Work)
- Numerical Modeling (waves, tides/storm surge, sediment transport of existing conditions)



Harbor Expansion: Geotechnical Scope

- Existing geotechnical data near site is limited and provides large uncertainty that could affect the economics of the study. Geotechnical data informs us of the:
 - Amount of expected initial and long-term settlement from installing large rubble mound features. Settlement has a significant impact on structure cost.
 - Need for pre-loading foundation. Construction action requires multiple mobilizations and has a large impact on project cost.
- Proposed Geotechnical Scope of Work (Work In Kind) Includes:
 - Initial geophysical survey (Fall 2023)
 - Review of results, plan for soil borings
 - Drill soil borings (Spring/Summer 2024)
- Additional Cost to Study (Above the \$3M)
 - Approximately \$800K (50-50 split between City and USACE)

Existing Geophysical test areas that the city had completed as part of other projects and believed would get the study through the first phase.





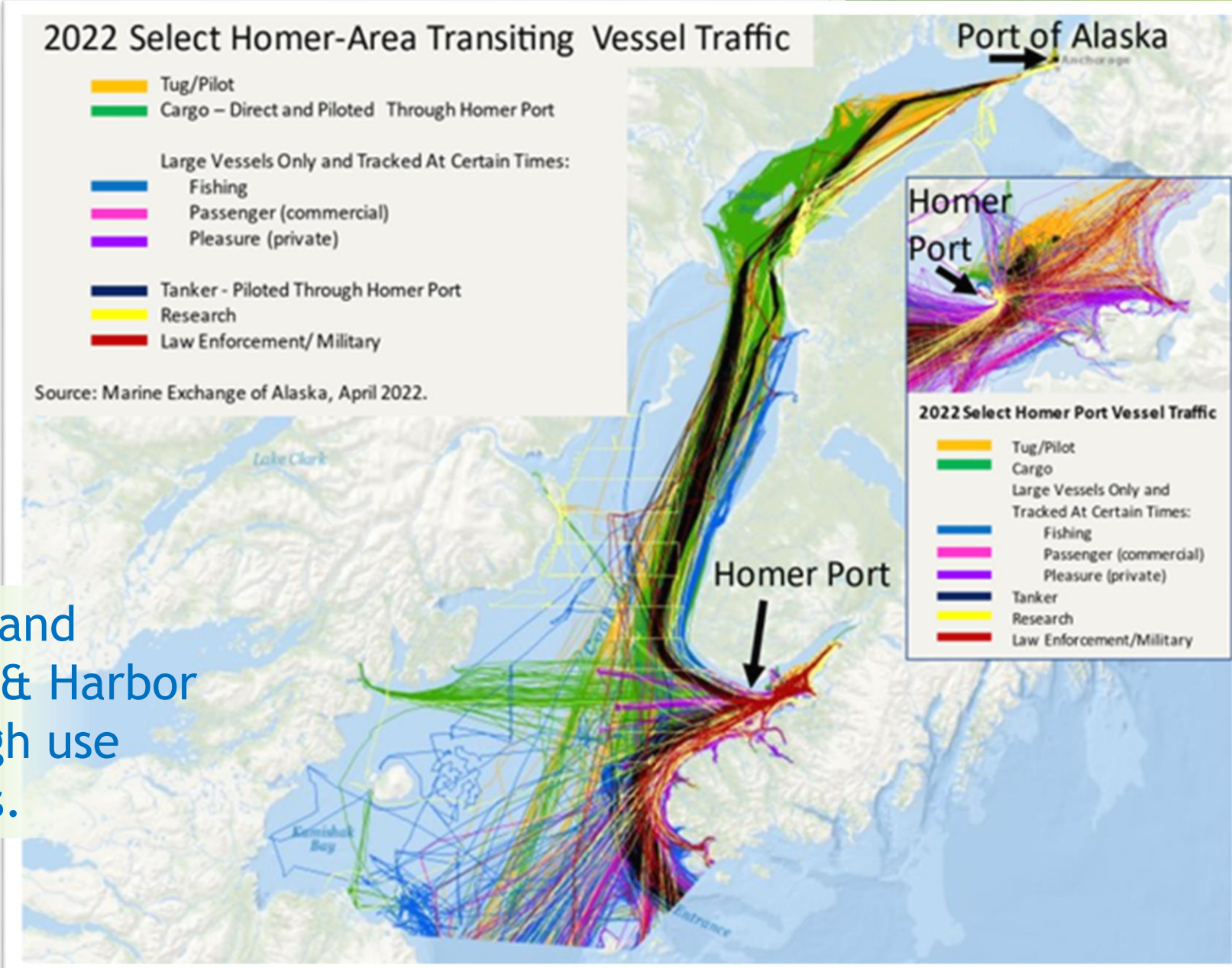
Project area that Geophysical data
needs to cover



Harbor Expansion: Funding Delay

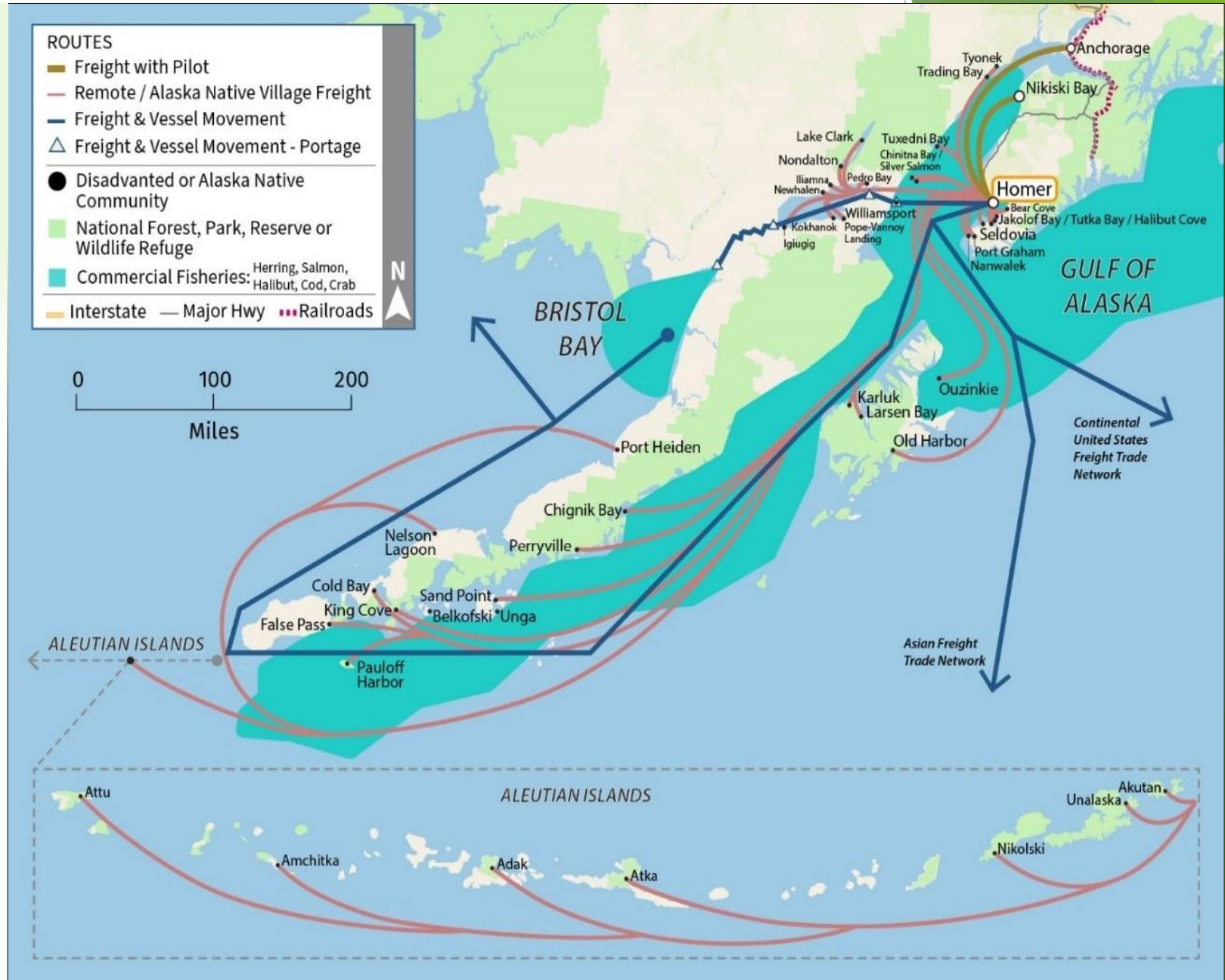
- Congressional Directed Spending (CDS) provided Federal match for the General Investigation Study as a new start.
 - Intent was for the CDS to fund the full \$1.5M
 - The CDS budgeted \$300K in the President's FY23 Budget for the first year of the study
 - This initiated the new start However there were no continuation funds included in the 2024 budget.
- The USACE is anticipating a pause in to the Homer study starting January 2024 through June 2024; potentially longer depending on the source of continuation funds.
- The USACE team just recently secured an additional \$50,000 in reprogrammed funds from a study in Hawaii.
- To our knowledge no General Investigation has ended due to lack of Federal funding.
- All USACE general investigation studies (GI's) are incrementally funded, however a pause for lack of continuation funding is unprecedented.
- We trust that the federal government will ultimately fulfill its commitment to support the Homer Harbor Expansion study.

Harbor Data: vessel movements tracked by the Marine Exchange of Alaska in 2022



Vessel movement through and supported by Homer Port & Harbor illustrates the Harbor's high use and statewide connections.

Harbor Data: 47 non-road connected communities, villages and work sites in Southcentral and Western Alaska depend on essential freight and cargo services from vessels that moor in Homer Harbor.



Tsunami tower upgrades!

We appreciate the Borough's Work in getting this critical public safety infrastructure project recognized, funded and installed. This was a big job, Homer alone has six towers including the new tower located at Northern Enterprises Boat yard.

Great job everyone!



Fish Dock Crane Rebuild

Thanks for supporting the use of the use of the State ARPA COVID relief funds for rebuilding crane 7. Project was completed by a local contractor (Great Northern Hydraulics) last winter and the crane was returned to service in April.



