

Project Authorization

- **Rivers and Harbors Act, 2 March 1945**
- **House Document No. 579, 76th Congress, 3rd Session**

“...provide a channel 10 feet deep and 60 feet wide through the outer entrance, and a channel 8 feet deep and 40 feet wide through the inner entrance...”

“Maintenance will not be required.”
- **Water Infrastructure Improvements for the Nation Act, 16 December 2016 (Public Law 114-322)**

Sec. 1109. Maintenance of Harbors of Refuge

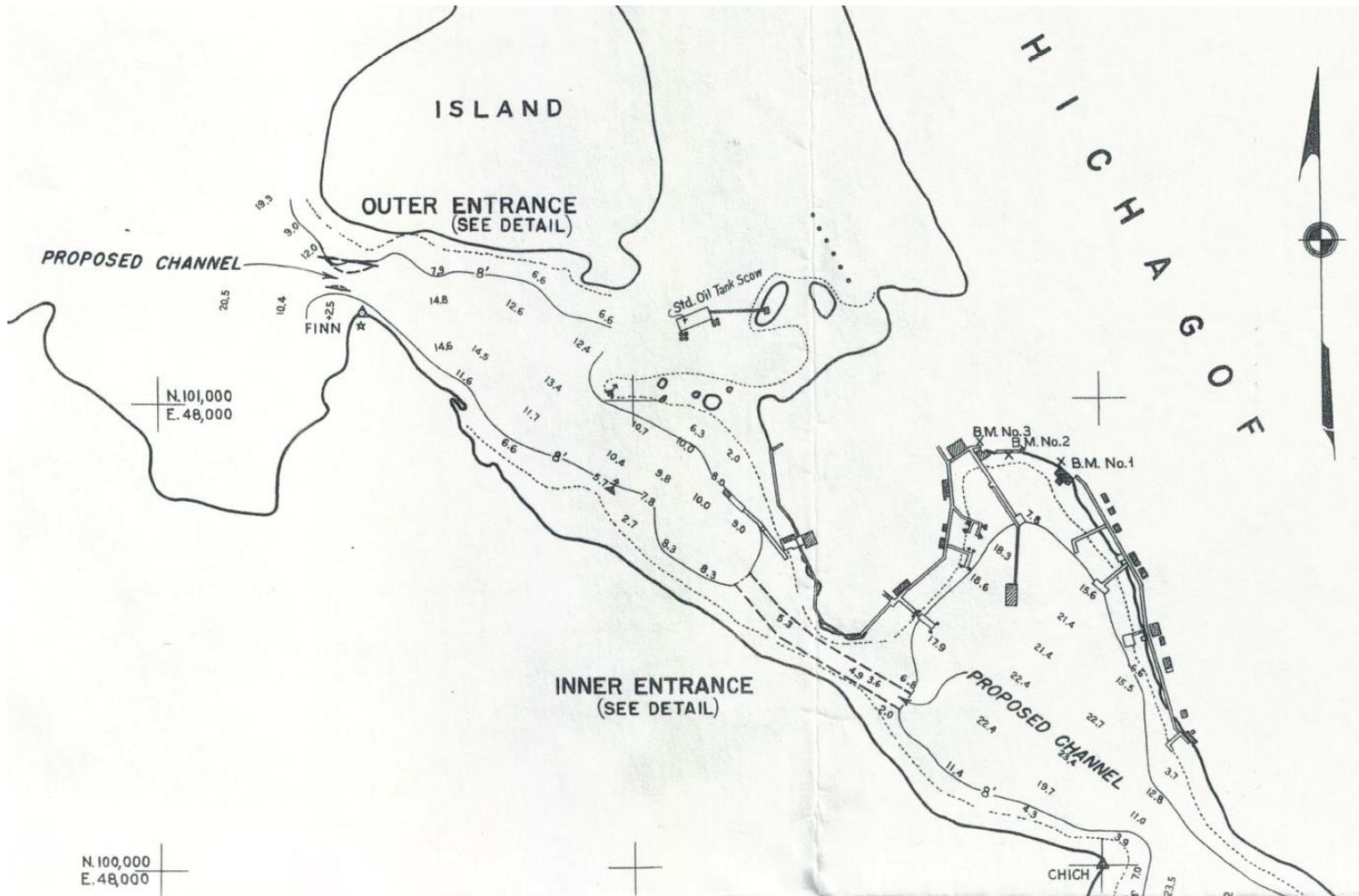
“The Secretary is authorized to maintain federally authorized harbors of refuge to restore and maintain the authorized dimensions of the harbors.”



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Federal Dredge Extents



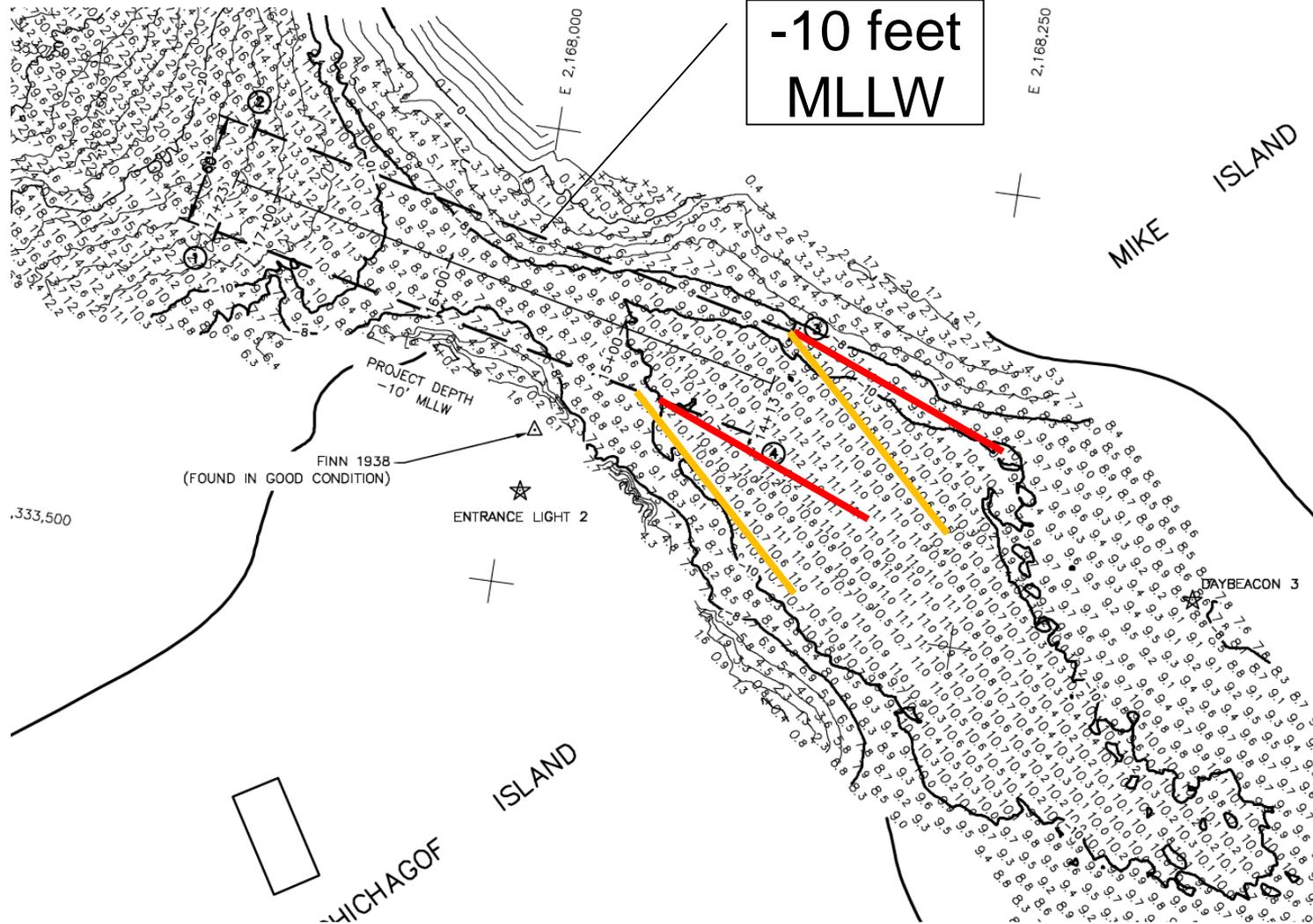
House Document No. 579, 76th Congress, 3rd Session



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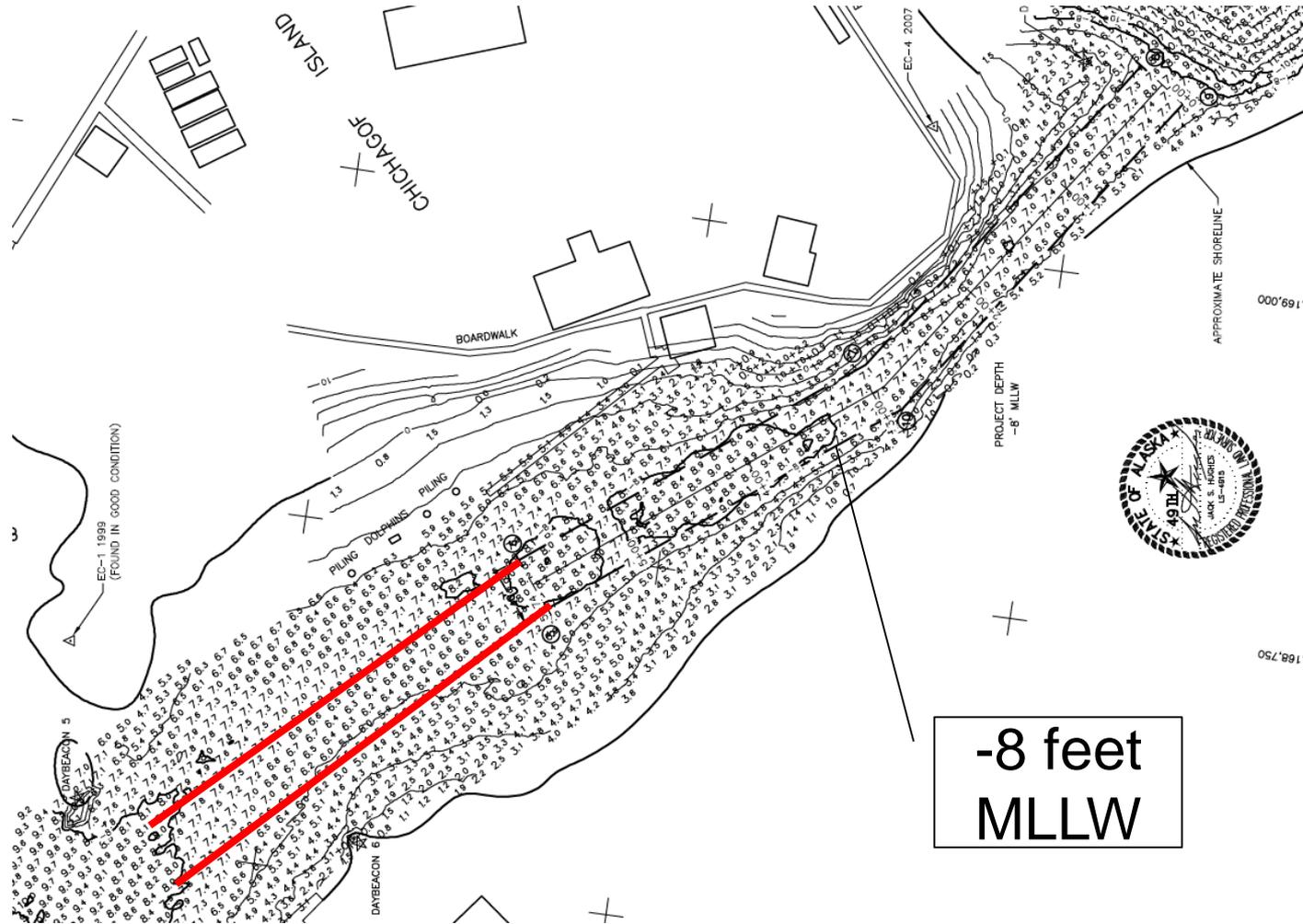
Federal Dredge Extents Outer Channel



USACE Condition Survey July 2011



Federal Dredge Extents Inner Channel



-8 feet
MLLW

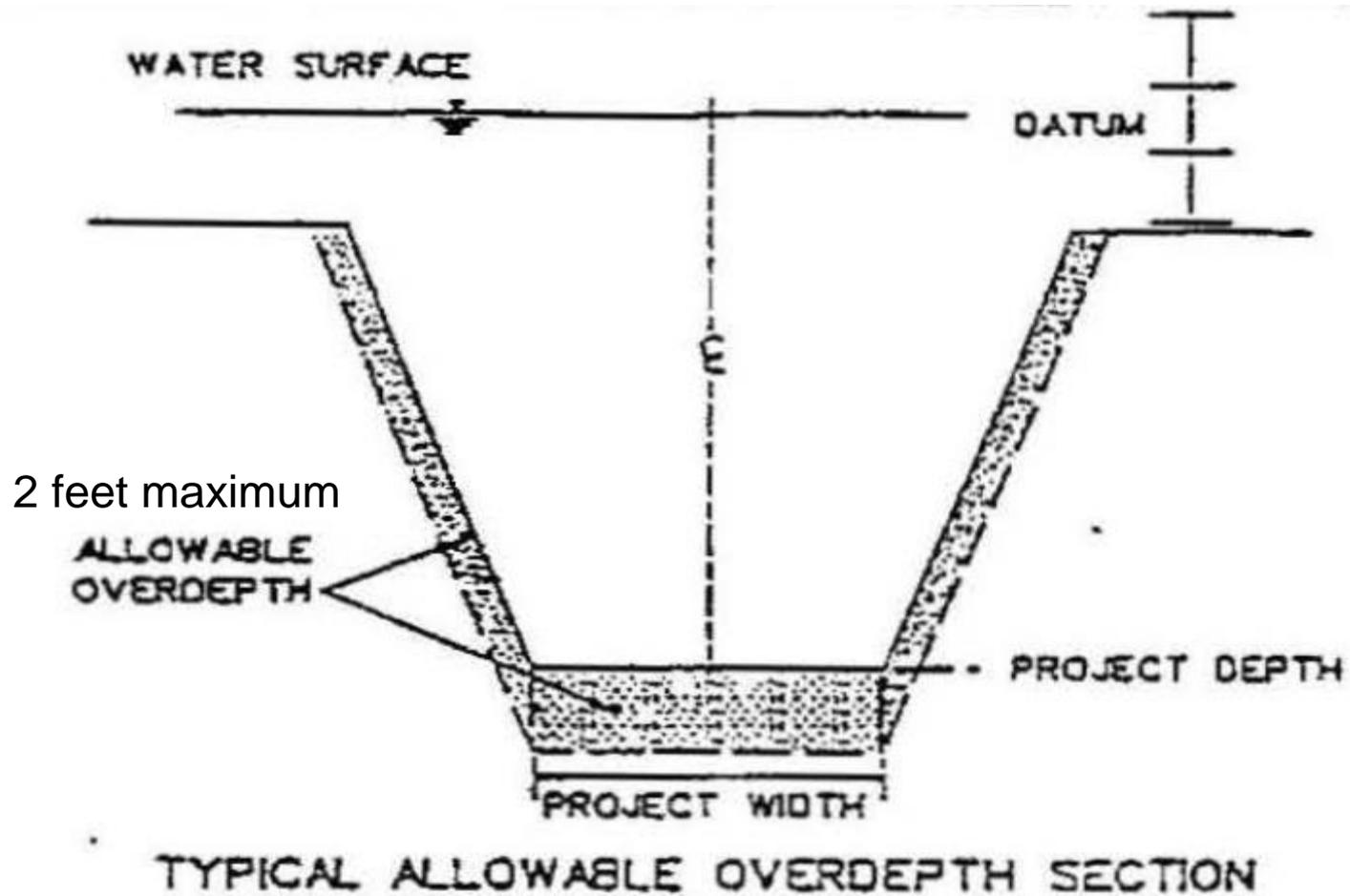
USACE Condition Survey July 2011



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Federal Dredge Depths



EP 1130-2-520, 29 November 1996



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Federal Dredging Est. Quantity

Location	Req. Depth w/ Side Slope	If 1FT Over-Depth	If 2FT Over-Depth	Maximum Estimated Volume
Outer Channel (-10)	900	+367	+733	1,633
Inner Channel (-8)	1,550	+1,386	+2,771	4,321
				5,954

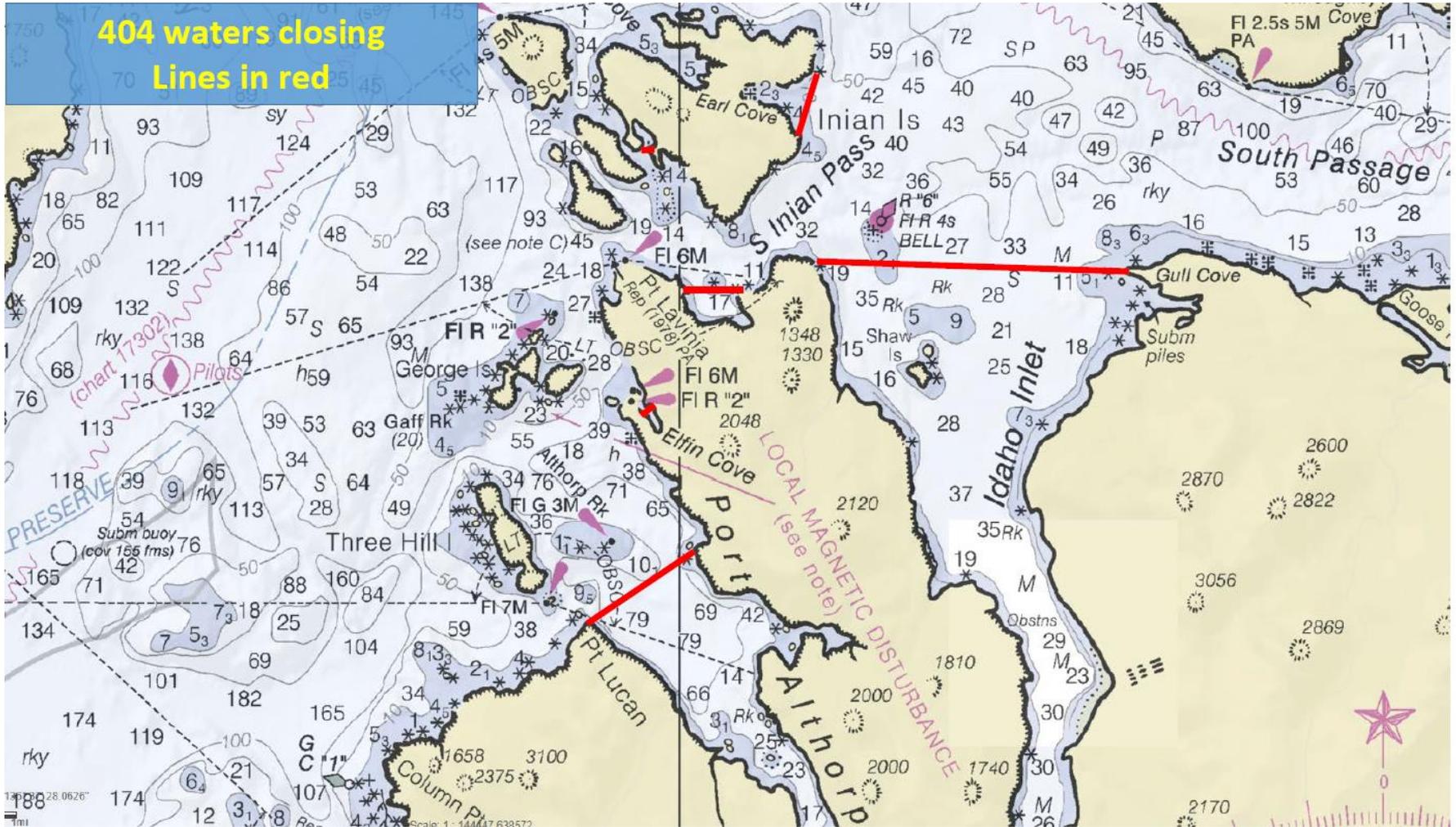
Volumes estimated in cubic yards (CY) based on 2011 condition survey data.



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Proposed Placement Site(s)



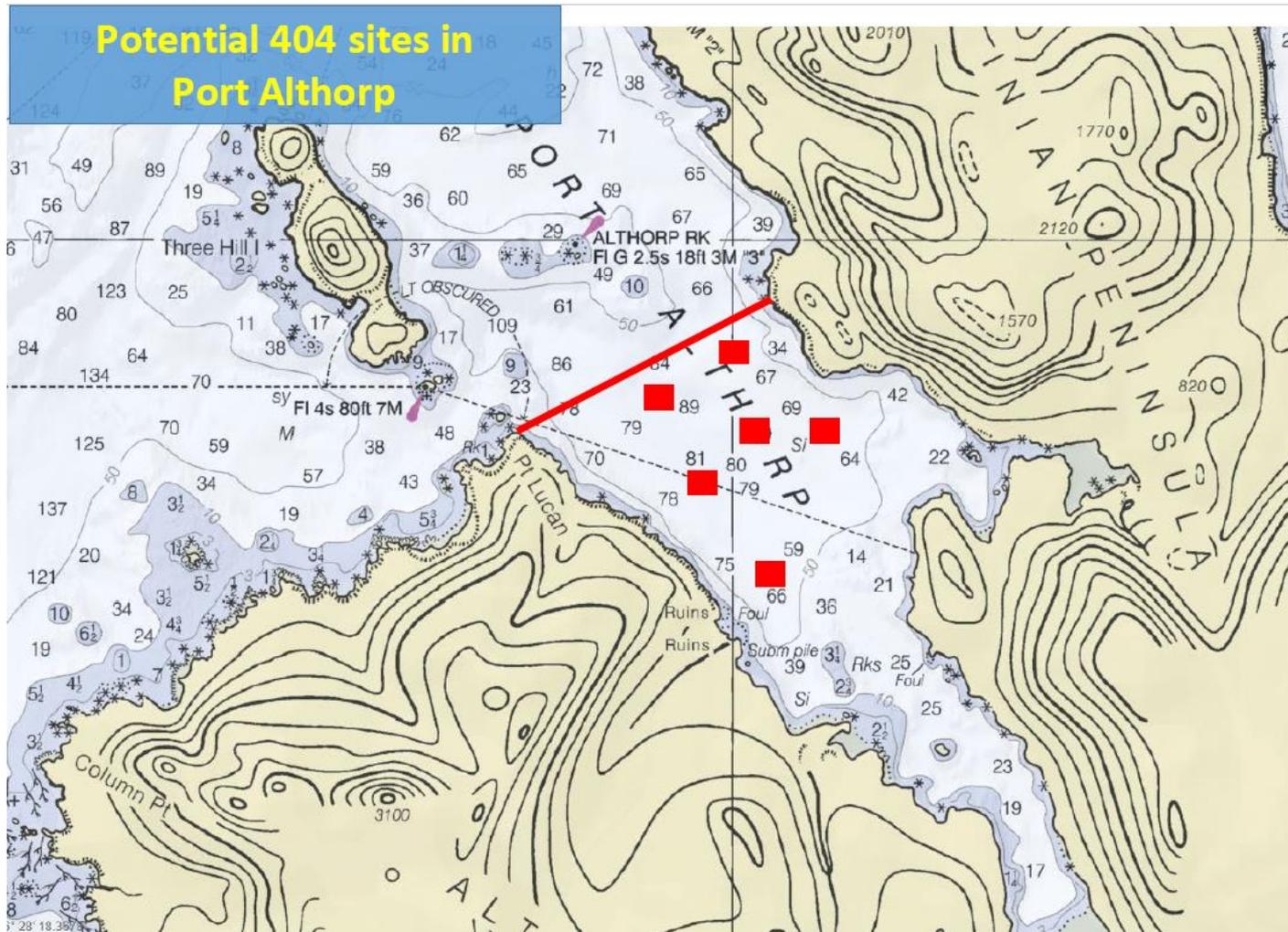
Closing lines between ocean and inland waters.



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Proposed Placement Site(s)



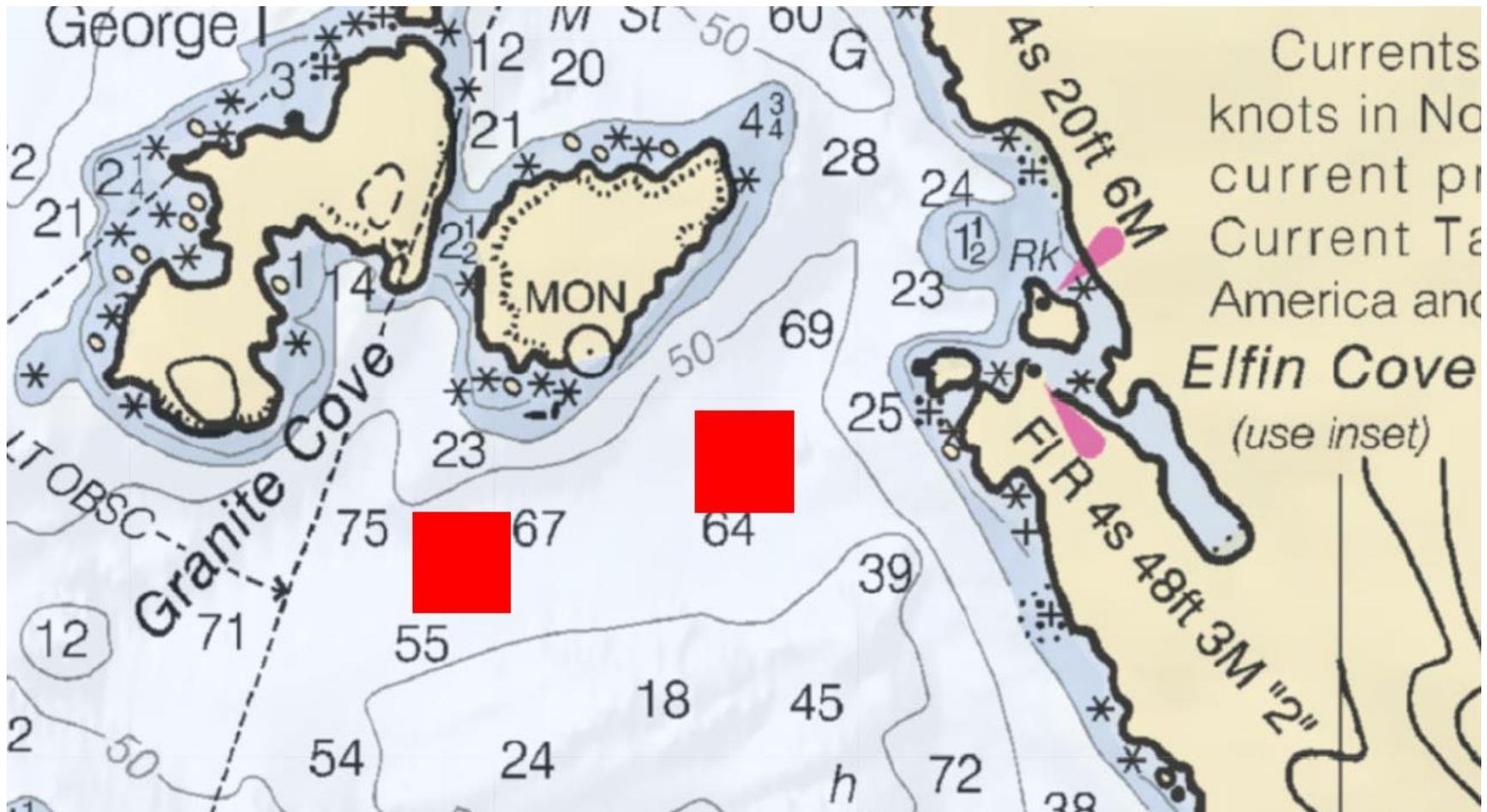
Several inland sites identified for further evaluation.
Approximately 3 nautical miles from Elfin Cove.



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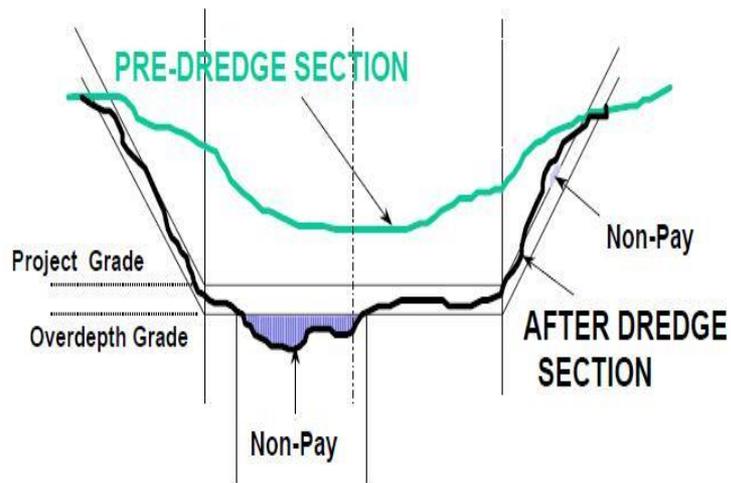
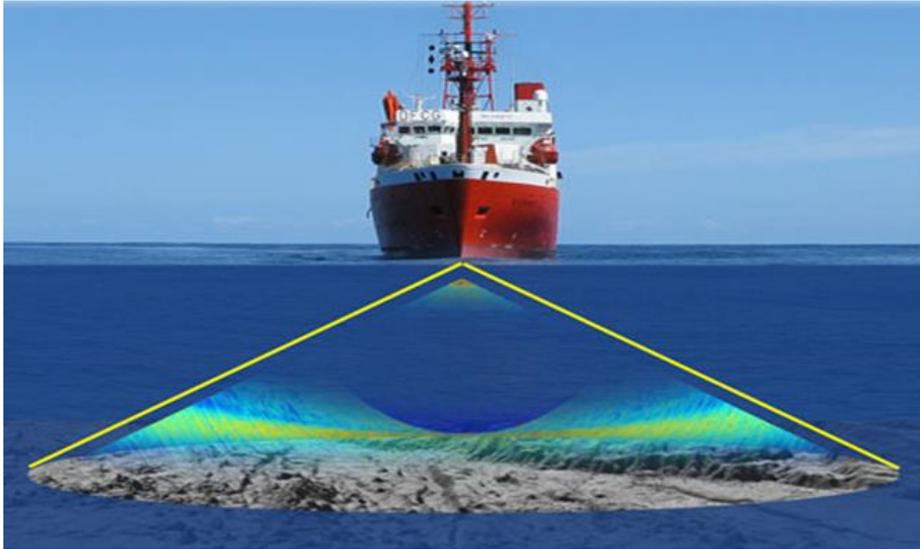
Proposed Placement Site(s)



Two ocean sites identified for further evaluation.
Approximately 0.6 nautical miles from Elfin Cove.



Hydrographic Surveys



Pre-dredge and post-dredge surveys used to quantify material removed for contractor payment.



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Timing of Dredge Operations

- **Weather/Storms**
- **Tides/Currents**
- **Environmental Considerations**
 - **Endangered Species**
 - **Historic/Cultural Resources**
 - **Essential Fish Habitat**
 - **Wildlife**
- **Harbor and Channel Use**
- **Contractor Equipment Availability**
- **Federal vs. Local Dredge Areas**



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Path Forward

- **Site Characterization**
 - **Environmental Planning & Permits**
 - **Develop Contract Plans & Specifications**
 - **Conduct Market Research**
 - **Issue Solicitation to Industry**
 - **Pre-Proposal Teleconference**
 - **Evaluate Proposals from Industry**
 - **Award Construction Contract**
 - **Issue Notice to Proceed**
 - **Dredging**
 - **Contract Closeout**
- August 2018 – July 2020
- August 2020 – October 2020
- November 2020 – April 2021

Dates are estimated and subject to availability of funds.



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Questions or Comments?

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