

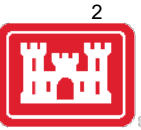


# MAINE DREDGE TEAM MEETING

## APRIL 2025

### U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT PROJECT UPDATES





**COMPLETED IN 2024/2025**



# ISLES OF SHOALS BREAKWATER REPAIRS NEW HAMPSHIRE/MAINE



## PROJECT SUMMARY:

Repair damage to breakwaters 1, 2 and 3.  
Awarded to Luciano's Excavation @ \$8.3M

## Project Features:

Breakwaters create a protected 32 acre harbor (Gosport). This harbor is used by commercial and charter fishing boats and recreational vessels, as well as excursion boats from Portsmouth. It is also used by the U.S. Coast Guard out of Portsmouth during search and rescue operations.

Breakwater 1: 530' Star to Cedar Islands.  
Breakwater 2: 700' Cedar to Smuttynose  
Breakwater 3: 240' Smuttynose to Malaga.



## STATUS:

COMPLETED  
IN NOVEMBER  
2024!



# KENNEBEC RIVER, ME



## (USN SUPPORT-MAINTENANCE DREDGING)



### PROJECT SUMMARY:

Maintenance, hopper dredging of 40-60,000 CY material (BDs scheduled). Disposal of material at riverine disposal area and the alt. Jack Knife Ledge Disposal Area.

Work window: 1 Dec.- 1 Mar.

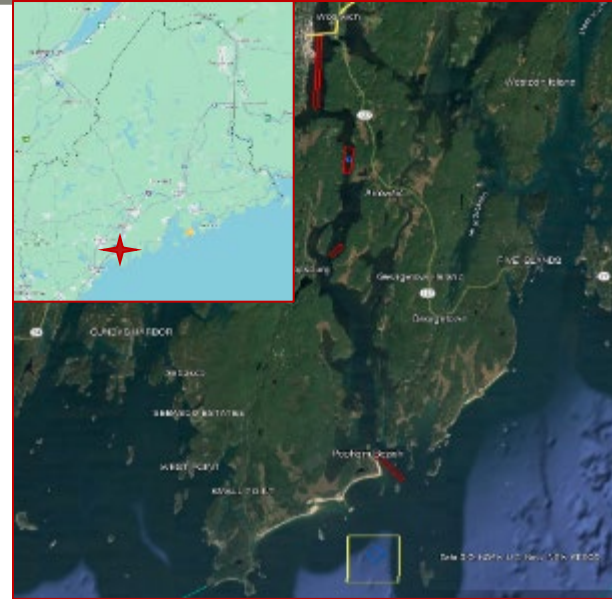
2 ESA species of concern: Atlantic and Shortnose Sturgeon

### Project Features (of contracted area):

The river's principal commerce is associated with shipyard and ship machinery operations at Bath (USN) and the receipt of petroleum products, coal, and fish.

The project, completed in 1943, consists of:

A channel 27 feet deep and 150 feet wide extending from the river mouth to a point 13 miles upstream at Bath.



### STATUS:

Bid opening held 06SEP:

Cashman	\$2,612,000
Manson	\$4,663,000

Awarded 9/24 and completed in January.

**TOTAL DREDGED: 30,439 CY**



# JOSIAS RIVER (AT PERKINS COVE), OGUNQUIT, ME MAINTENANCE DREDGING

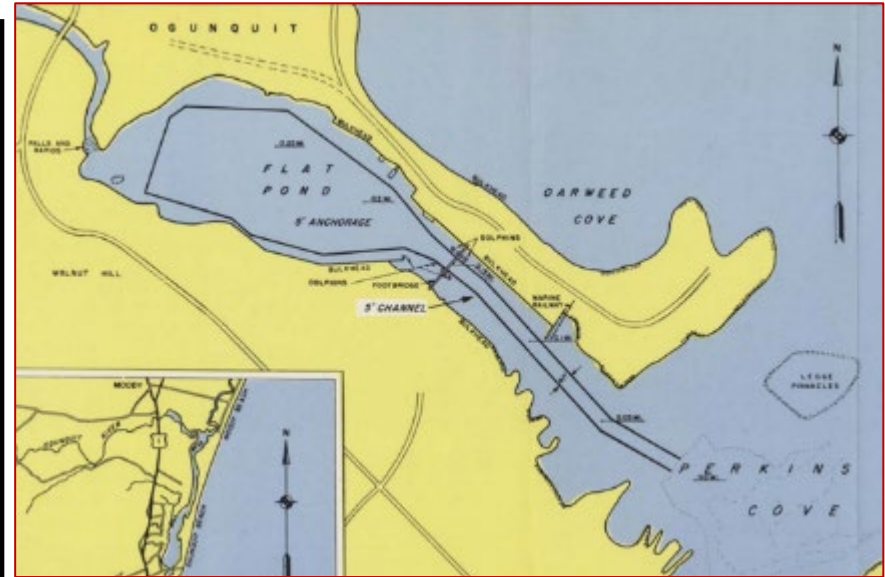


## PROJECT SUMMARY:

Maintenance, mechanical dredging of ~10,700 CY material.  
Placement of material at the Isles of Shoals North Disposal Site.  
Approximately 4 month contract duration  
Environmental Window 1 NOV- 15 MAR.

## PROJECT FEATURES:

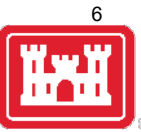
7-foot deep Mean Lower Low Water (MLLW) Entrance Channel  
7-foot deep MLLW Anchorage  
5-foot deep MLLW Anchorages



## PROJECT STATUS:

Contract awarded to Coastline Consulting, LLC who worked with sub-contractor Patriot Marine.  
**Dredging of FNP was completed 04MAR, ~10,500 CY dredged and disposed at Isles of Shoals Norther, disposal area.**





**SCHEDULED FOR AWARD IN 2025**

# NARRAGUAGUS RIVER, ME MAINTENANCE DREDGING



## PROJECT SUMMARY:

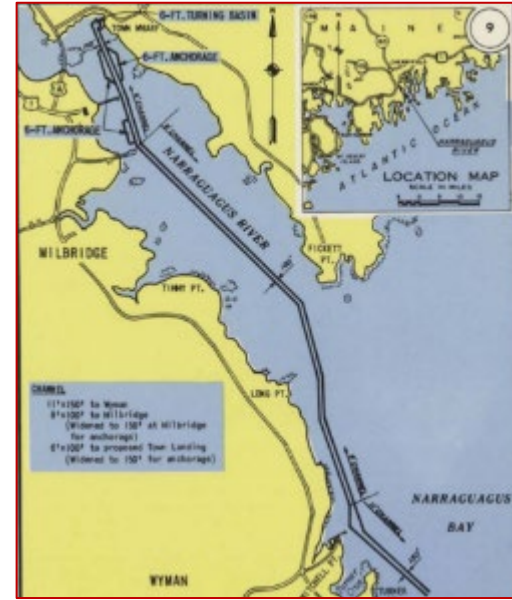
Maintenance, mechanical dredging of ~150,000 CY material.  
Disposal of material at the Douglas Island Disposal Site.  
Approximately 5.5 month contract duration. Env Window is NOV-APR  
CWE \$5M

## Project Features:

The Narraguagus River flows southeasterly through the towns of Cherryfield and Milbridge and empties into Narraguagus Bay, about 20 miles east of Bar Harbor. The waterway serves blueberry and sardine canning industries in Wyman and Milbridge, the local fishing fleet, and a small recreational fleet.

The present project, completed in 1966, consists of:

- A 3.2 mile long channel with varying dimensions
- A six foot deep anchorage on the western side
- A six foot deep anchorage on each side of the six foot-deep channel
- A six foot deep turning basin at the end of the channel, adjacent to the Cherryfield town wharf.



## STATUS:

2024 Contract Solicitation was cancelled in September 2024 due to no awardable bids. Feedback was that the contract was advertised too late in the season (industry already booked for the season).

**USACE re-advised on 17MAR. Bid opening is scheduled for 17APR @1400.**



# BAR HARBOR, MAINE BREAKWATER REPAIRS

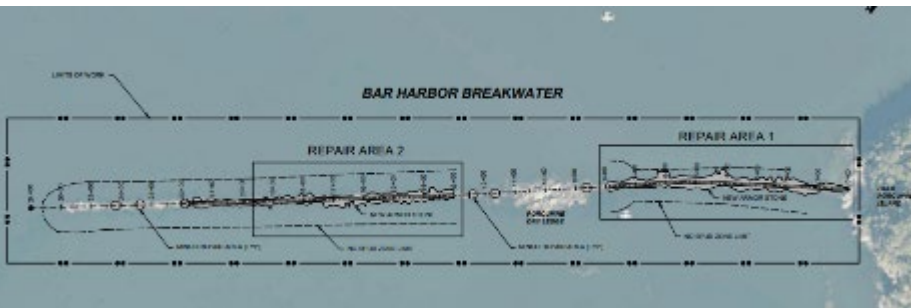


## PROJECT SUMMARY:

Repair damage of the breakwater between Bald Porcupine Island and Porcupine Dry Ledge. Repair a portion of the breakwater beyond Dry Ledge.  
**CWE \$12M**

## PROJECT FEATURES:

The Bar Harbor Breakwater was completed in 1917 and extends approximately 2400 feet southwesterly from Bald Porcupine Island. This breakwater protects Anchorage #1 and the wharves from easterly and southeasterly swells. This anchorage is used by cruise ships and commercial/charter fishing boats and recreational vessels.



## STATUS:

Sources sought announcement was re-advertised and we received 3 responses.

WQC/CZM was submitted in early March.

**Contract will be advertised in SEP 2025.**





# SECTION 111, SHORE DAMAGE MITIGATION PROJECT CAMP ELLIS, SACO, MAINE



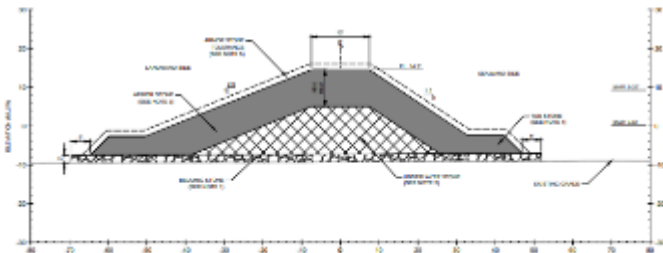
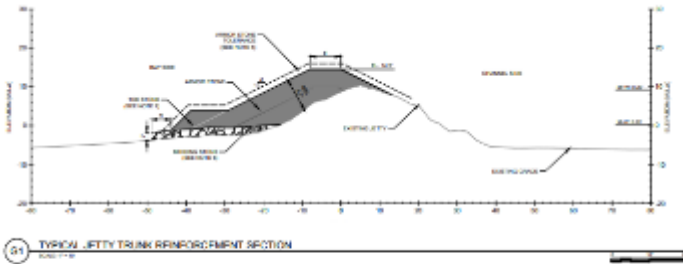
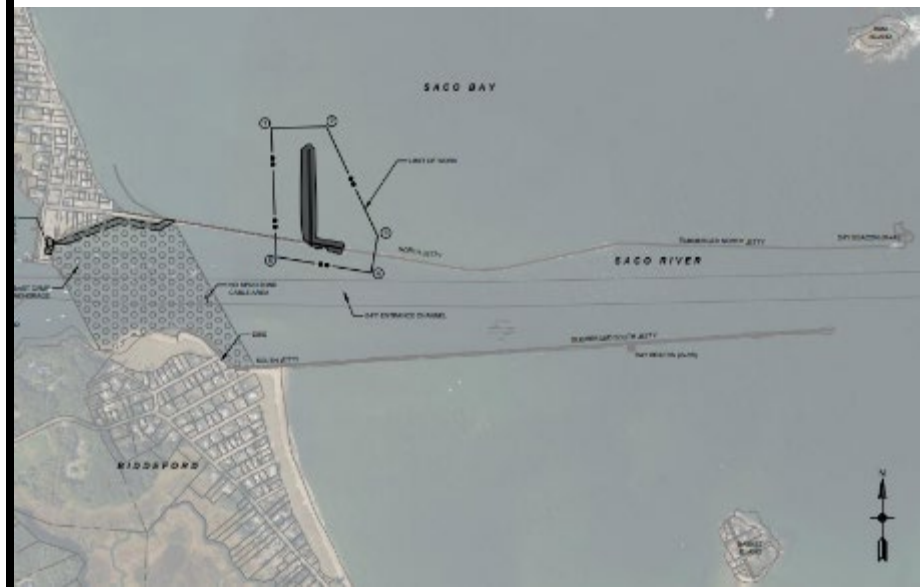
### PROJECT SUMMARY:

Construction of a 750 LF stone spur jetty and beachfill (73,000 CY) – Phase I.  
Sand nourishment is Phase II and scheduled for FY28.

Spur jetty specifics: location determined through multiple simulations. The spur jetty will intercept the reflected wave energy, break a portion of the incident wave energy, and block Mach-Stem wave effects from transferring energy along the structure.

Authorizations: CAP Section 111, R&H Act of 1968, WRDA 2007, WRDA 2022 increased the Federal cap to \$45 million.

CWE- \$25M Spur Jetty



### STATUS:

- NOI published last week
- WQC/CZM Pre-App meeting held with Maine on 19 MAR 25
- USACE will submit WQC app for Phase I only in early APR.



# SCHEDULED FOR AWARD 2026+





# ISLE AU HAUT THOROUGHFARE MAINTENANCE DREDGING, ISLE AU HAUT, MAINE

Scope	Status/Remarks
Maintenance, mechanical dredging of ~2,400 CY material. Suitable for open water disposal at Flake Island Disposal site. Mostly sand, gravel, and cobble. Current cost estimate ~\$3M.	<ul style="list-style-type: none"><li>• Base plan is to dispose of the material at the Flake Island Disposal Site. Site Selection process under the MPRSA in concurrence with USEPA.</li><li>• Draft decision document to public review now scheduled for summer 2025.</li></ul>

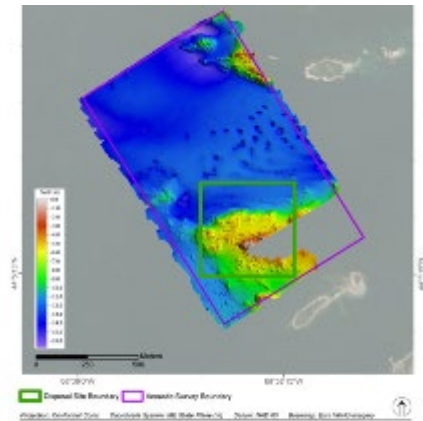
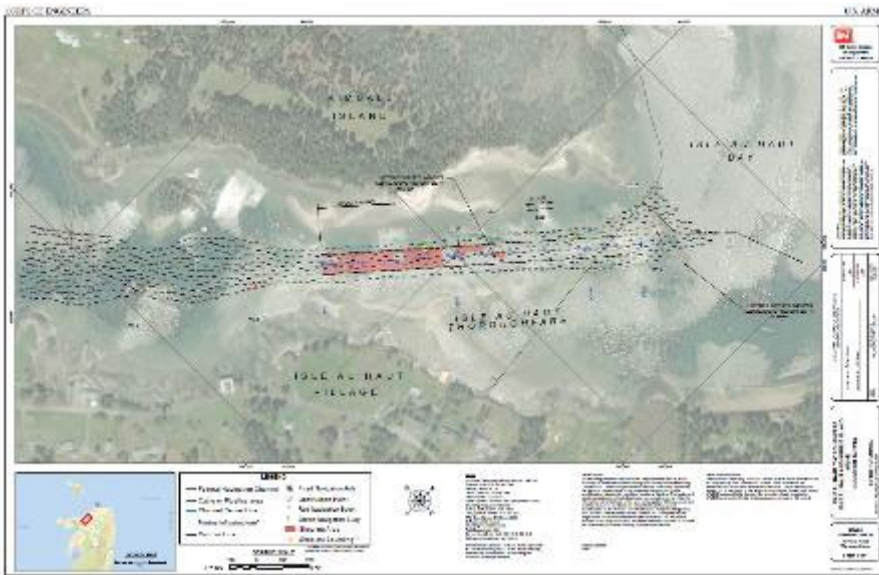


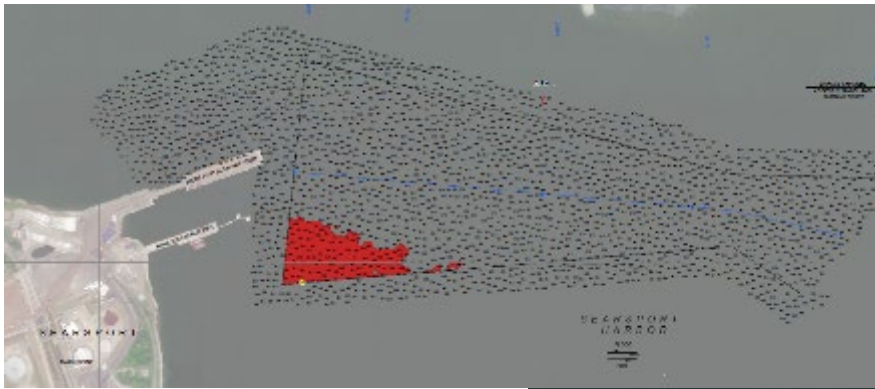
Figure 3-15. Bathymetry of Flake Island Disposal Site generated over 2x vertical relief scale, April 2022



# SEARSPORT HARBOR MAINTENANCE DREDGING, SEARSPORT, MAINE



Scope	Status/Remarks
<p>Maintenance, mechanical dredging of ~30,000 CY material from the 35ft Channel. Not suitable for open water disposal, investigating disposal options with State of Maine. Current cost estimate for base-plan CAD cell ~\$6M.</p>	<ul style="list-style-type: none"><li>• Base plan is CAD cell – 2 potential locations investigated, preferred option is the cell located outside of the channel (near Mack Point).</li><li>• Draft decision document to public review now scheduled for summer 2025.</li></ul>

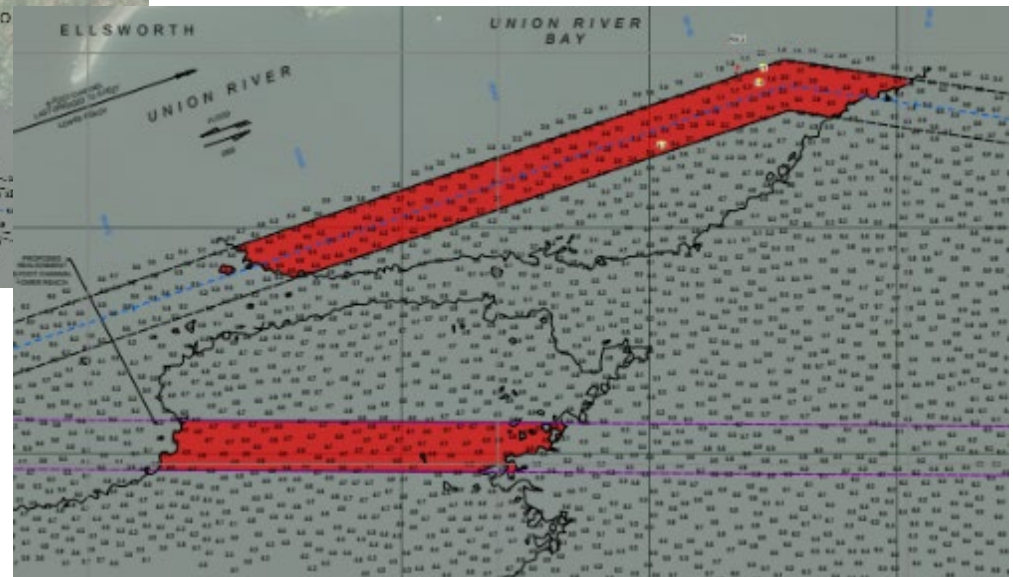
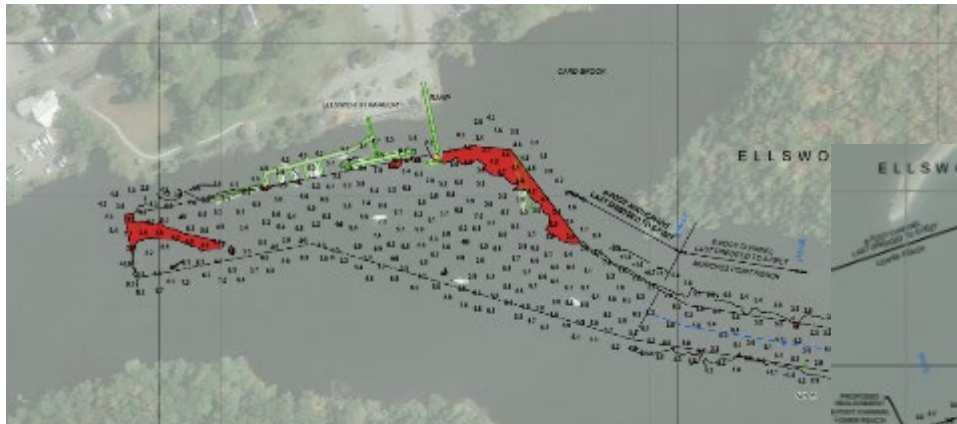




# UNION RIVER MAINTENANCE DREDGING, ELLSWORTH, MAINE

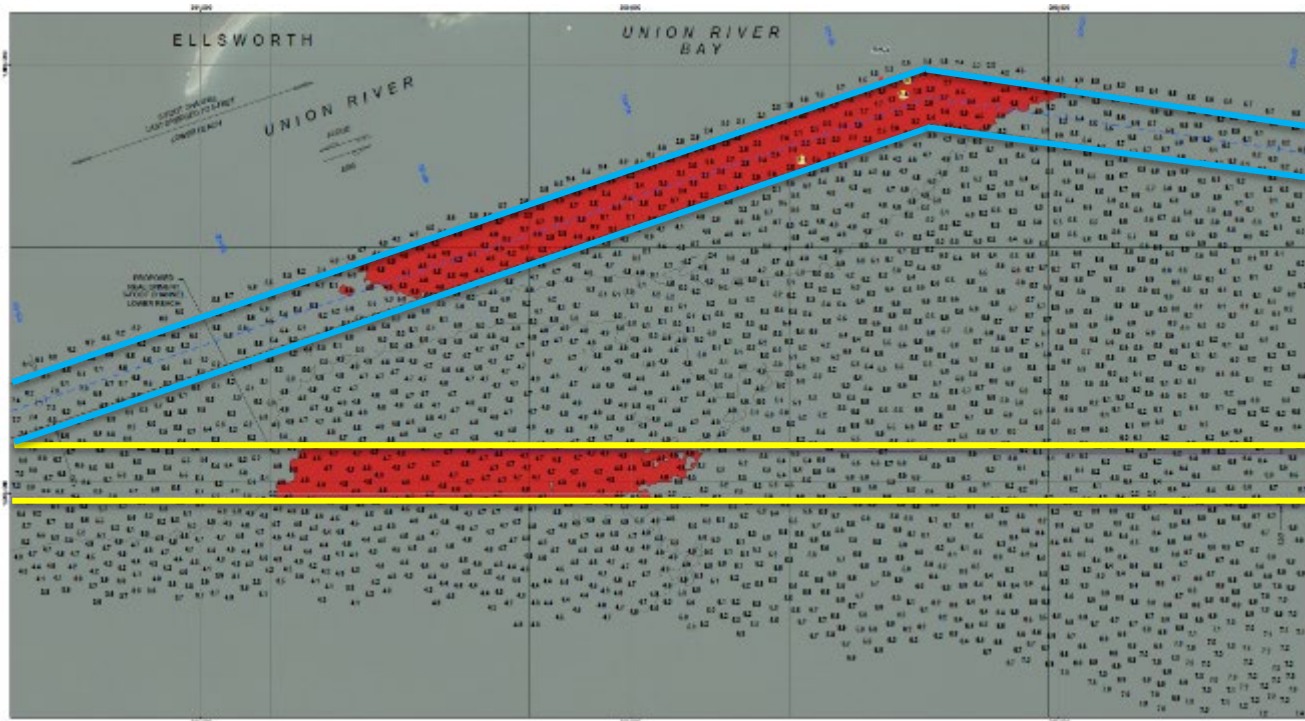


Scope	Status/Remarks
<p>Achieve 5' channel and anchorage to meet the needs of local navigation. Decision point for path forward this spring.</p>	<ul style="list-style-type: none"><li>• Initial dredge quantities were ~50,000 CY to 6'; boulders and justification only to 5' has brought the quantities down to 22,180CY.</li><li>• Next steps were to examine the shoal material which is mainly wood pulp. Wood pulp presents challenges with dredging and disposal.</li><li>• After reviews and discussions, it appears that re-aligning the entrance channel and moving ATONs to match would provide a new channel with almost 5' throughout. The anchorage would still need to be dredged. The anchorage material was recently analyzed and determined to be unsuitable silt. USACE is working with the City to identify a path forward as this material would likely need to go upland and is of such a small quantity.</li></ul>





# PROPOSED REALIGNMENT OF UNION RIVER ENTRANCE CHANNEL (UNDER USCG REVIEW AT THIS TIME)





## REMAINING FUNDED PROJECTS...

***SCHEDULES BELOW ARE TENTATIVE. FINAL SCHEDULES WILL BE BASED UPON RESULTS FROM SAMPLING AND TESTING, AND FUTURE FUNDING AVAILABILITY***

Project	Tentative Contract Award Date
Wells Harbor, ME O&M Dredging	9/13/2027
Frenchboro Harbor, ME O&M Dredging	9/30/2027
Royal River, ME O&M Dredging	9/30/2027
Kennebunk River, ME, O&M Dredging (Potential Government Dredge Work)	8/30/2028
Portland Harbor, ME O&M Dredging	8/24/2029



## OTHER PROGRAM UPDATES...



# MARINE CONSTRUCTION INDUSTRY DAY – BREAKWATER AND JETTY REPAIRS AND CONSTRUCTION

Save the Date and Pre-Register!

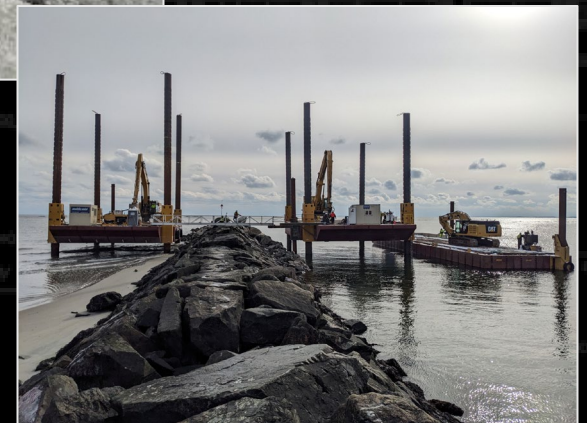
May 5, 2025

0900-1200

VIRTUAL EVENT

Please email [nae-pn-nav@usace.army.mil](mailto:nae-pn-nav@usace.army.mil)  
to register and use the subject line:

**“Marine Industry Day”**



Questions?  
[nae-pn-nav@usace.army.mil](mailto:nae-pn-nav@usace.army.mil)



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