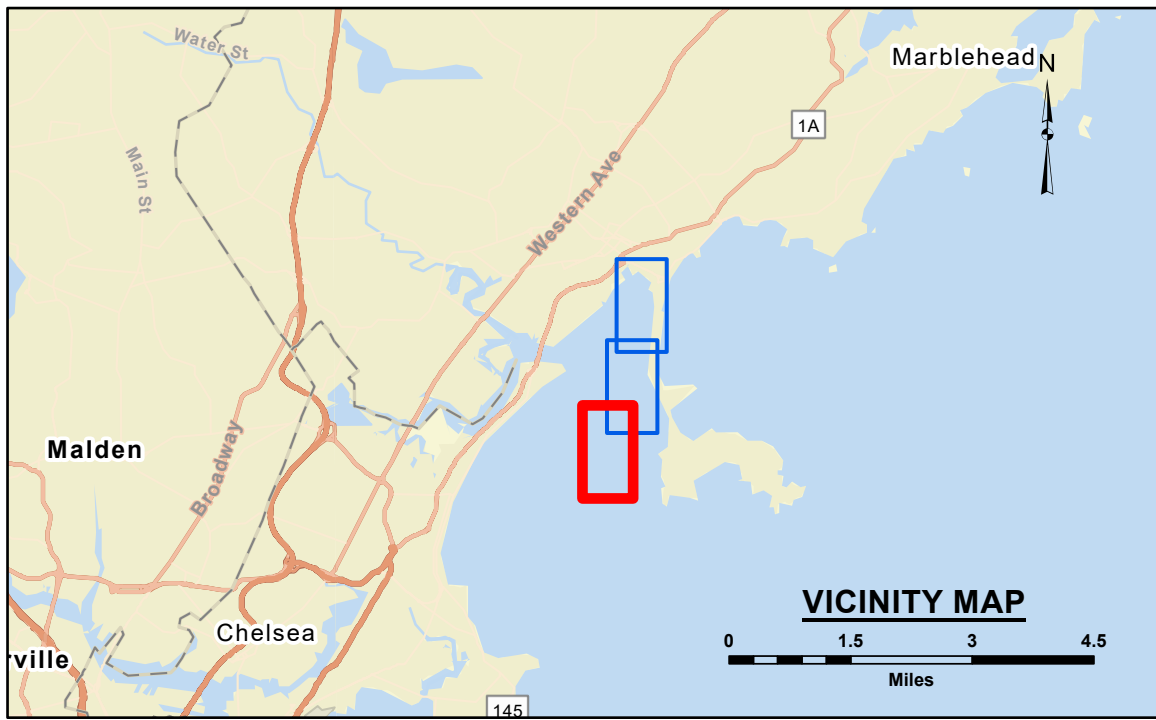
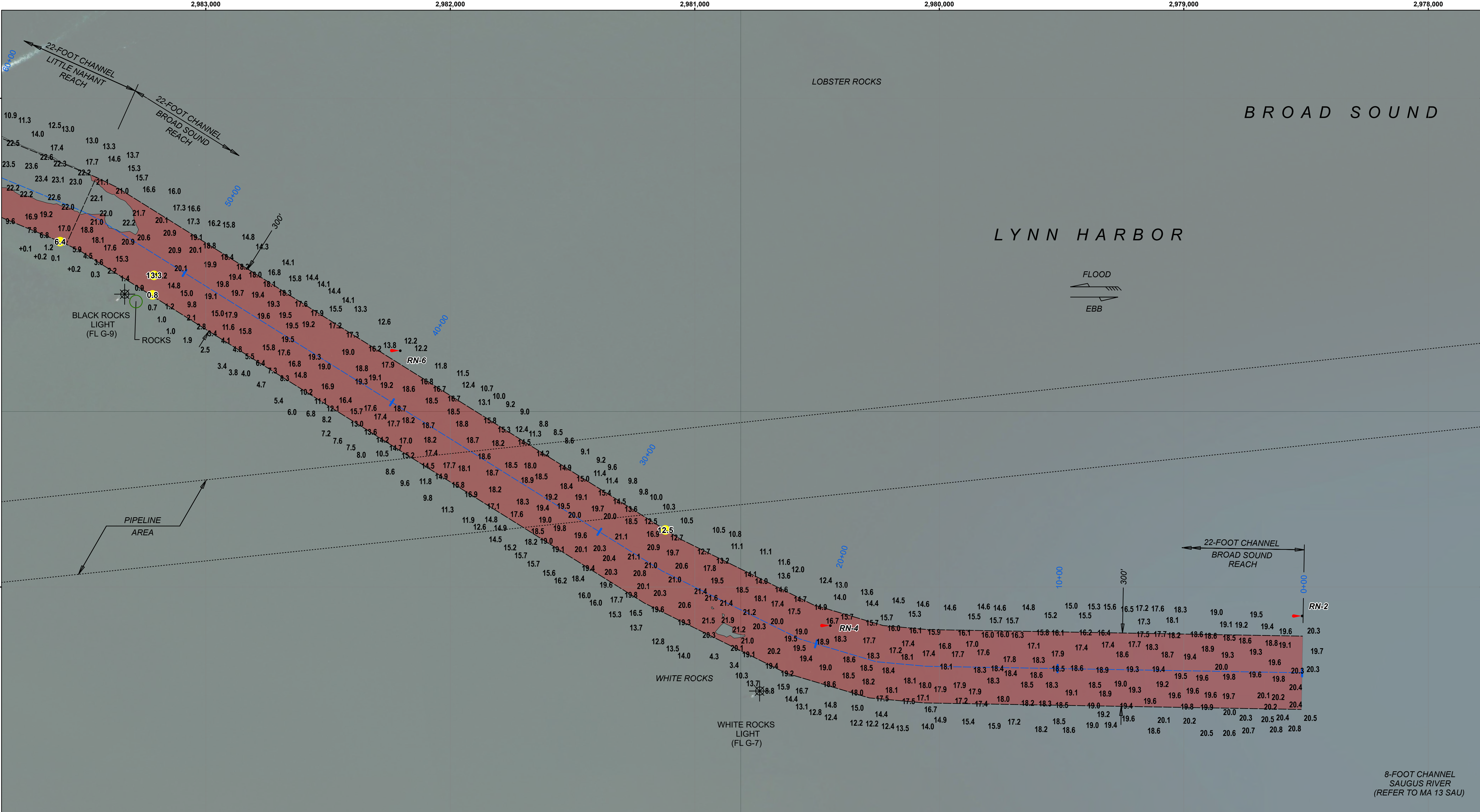




LEGEND

--- Federal Navigation Channel

— Channel Center Line

— Marine Infrastructure *

..... Cable or Pipeline Area

— Contour Line

⊗ Obstruction Point

⊗ Fixed Navigation Aids

! Red Navigation Buoy

! Green Navigation Buoy

! Yellow Navigation Buoy

■ Shoaling Area

● Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach

GRAPHIC SCALE

1" = 200'

0 200 400 Feet

Notes:

Horizontal Datum: Mass Mainland, MA-2001 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Popham Beach
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 300 kHz
Survey Method: RTK GPS TIDES
GPS System: INS Integrated Reson (RTK)
RTK Base Station: MTS Smartnet
Software Used: Hypack
Sounding Sort Distance: 50'
Field Books: R&H 4981
Survey No.: MA_12_LYN_20250327_CS_014
Reference NOAA Chart No.: ENC US5BOSDE, US5MA1RG

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes

The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during March 2025. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthorectification is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing a single correction of 5.47 feet in the project area. This correction was established at Station HRBMSTR (2017) in the vicinity of NOAA Bench Marks at Lynn, Massachusetts (Station ID 8443187, 04/21/2003). MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g. -10 NAV88 = -8 MLLW when using a 2-foot correction).

Project Remarks

Marine infrastructure surveyed with lidar.

US Army Corps of Engineers
District: CENAE

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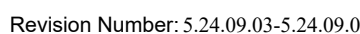
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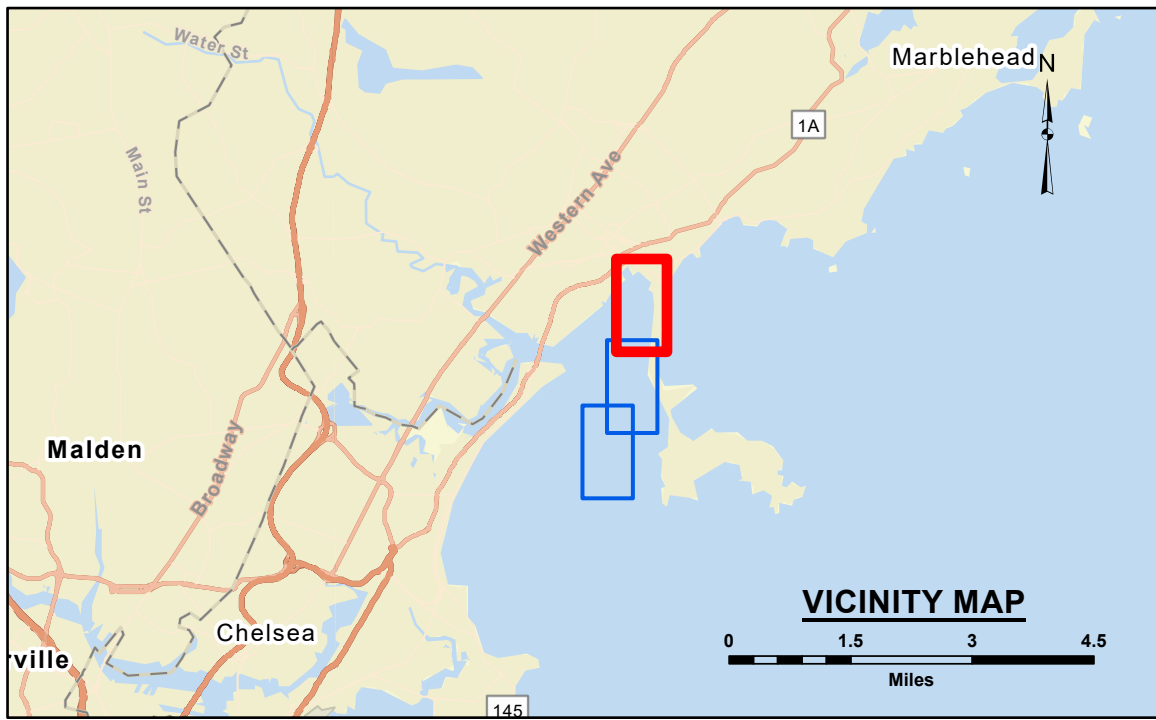
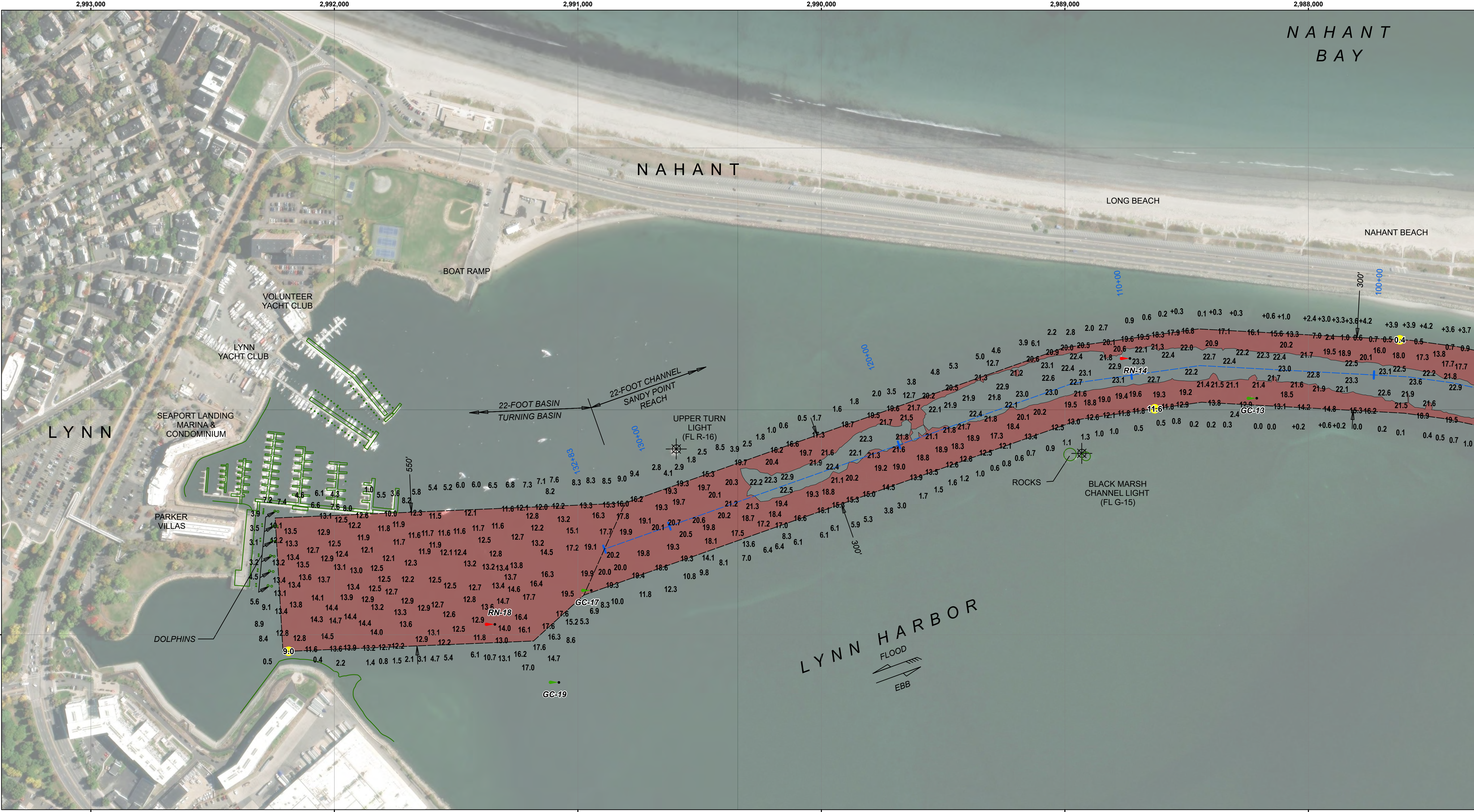
U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	SURVEYED BY: MJO	CHECKED BY: JAB	ISSUE DATE: 4/24/2025
	SUBMITTED BY: Zachary McAvoy		
LYNN HARBOR LYNN, MASSACHUSETTS CONDITION SURVEY	APPROVED BY: NAE Survey	MAP DOCUMENT MA_12_LYN_20250327_CS_014	
	SIZE: ANSI D		

22-FOOT CHANNEL AND TURNING BASIN
File Name: MA_12_LYN_20250327_CS_014

SHEET IDENTIFICATION
Lynn Harbor

Sheet 1 of 3





LEGEND

--- Federal Navigation Channel

--- Channel Center Line

--- Marine Infrastructure *

..... Cable or Pipeline Area

--- Contour Line

⊗ Obstruction Point

⊗ Fixed Navigation Aids

! Red Navigation Buoy

! Green Navigation Buoy

! Yellow Navigation Buoy

■ Shoaling Area

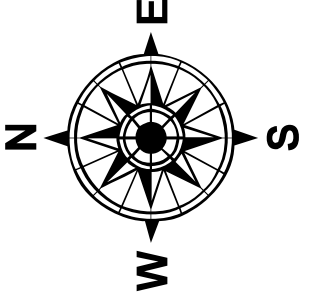
● Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach

GRAPHIC SCALE

1" = 200'

0 200 400 Feet



Notes:
Horizontal Datum: Mass Mainland, MA-2001 NAD 83
Distance Units: U.S. Survey Feet
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Depth Units: U.S. Survey Feet
Vessel Name: Popham Beach
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Survey No.: MA_12_LYN_20250327_CS_014
Reference NOAA Chart No.: ENC US5BOSDE, US5MA1RG

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Project Remarks
Marine infrastructure surveyed with lidar.

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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	SUBMITTED BY: Zachary McAvoy	CHECKED BY: JAB	ISSUE DATE: 4/24/2025
	APPROVED BY: NAE Survey	MAP DOCUMENT MA_12_LYN_20250327_CS_014	SIZE A1

**LYNN HARBOR
LYNN, MASSACHUSETTS
CONDITION SURVEY**

22-FOOT CHANNEL AND TURNING BASIN
File Name: MA_12_LYN_20250327_CS_014

**SHEET
IDENTIFICATION**
Lynn Harbor

Sheet 3 of 3