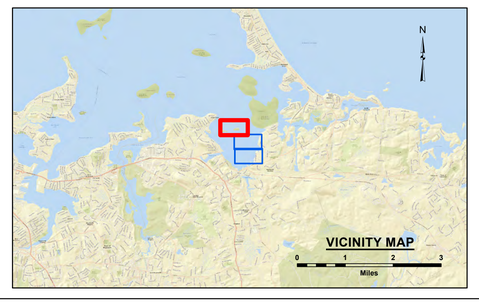




LEGEND

- Federal Navigation Channel
- Channel Center Line
- 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" = 100' 100 0 100 200 Feet

N W E S

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: KEEGAN
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 300-400 kHz
Survey Method: RTK GPS Tides
GPS_System: Applanix POS MV (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4984
Survey No.: MA_29_HIN_20250410_CS_020
Reference NOAA Chart No.: US5BOSBE

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Project Remarks

Marine Infrastructure surveyed with ship mounted LIDAR.

Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 5.60 to 5.63 feet. 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).

US Army Corps of Engineers
District: CENAE

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U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SURVEYED BY: NCD
CHECKED BY: JAB
ISSUE DATE: 4/21/2025
SUBMITTED BY: Barrett Morse
APPROVED BY: NAE Survey
MAP DOCUMENT: MA_29_HIN_20250410_CS_020
SIZE: ANSI D

HINGHAM HARBOR
HINGHAM, MASSACHUSETTS
CONDITION SURVEY
10-FOOT CHANNEL

File Name: MA_29_HIN_20250410_CS_020

SHEET IDENTIFICATION
Hingham Harbor

Sheet 1 of 3

Revision Number: 5.24.09.03-5.24.09.03

824,000

2,919,000

2,918,000

MARTINS WELL

GC-15

GC-17

GC-19

RN-16

RN-18

RN-20

30+00

35+00

40+00

45+00

50+00

55+00

10-FOOT CHANNEL
MARTINS WELL REACH

10-FOOT CHANNEL
BUTTON ISLAND REACH

100'

HINGHAM HARBOR

FLOOD

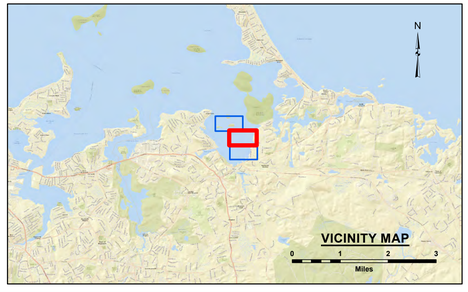
EBB

HINGHAM

8:1

4:3

GC-21



LEGEND

- Federal Navigation Channel
- Channel Center Line
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GRAPHIC SCALE

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N W E S

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US Army Corps of Engineers
District: CENAE

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U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SUBMITTED BY: Barrett Morse
APPROVED BY: NAE Survey

SURVEYED BY: NCD
CHECKED BY: JAB
ISSUE DATE: 4/21/2025

MAP DOCUMENT: MA_29_HIN_20250410_CS_020

SIZE: ANSI D

HINGHAM HARBOR
HINGHAM, MASSACHUSETTS
CONDITION SURVEY

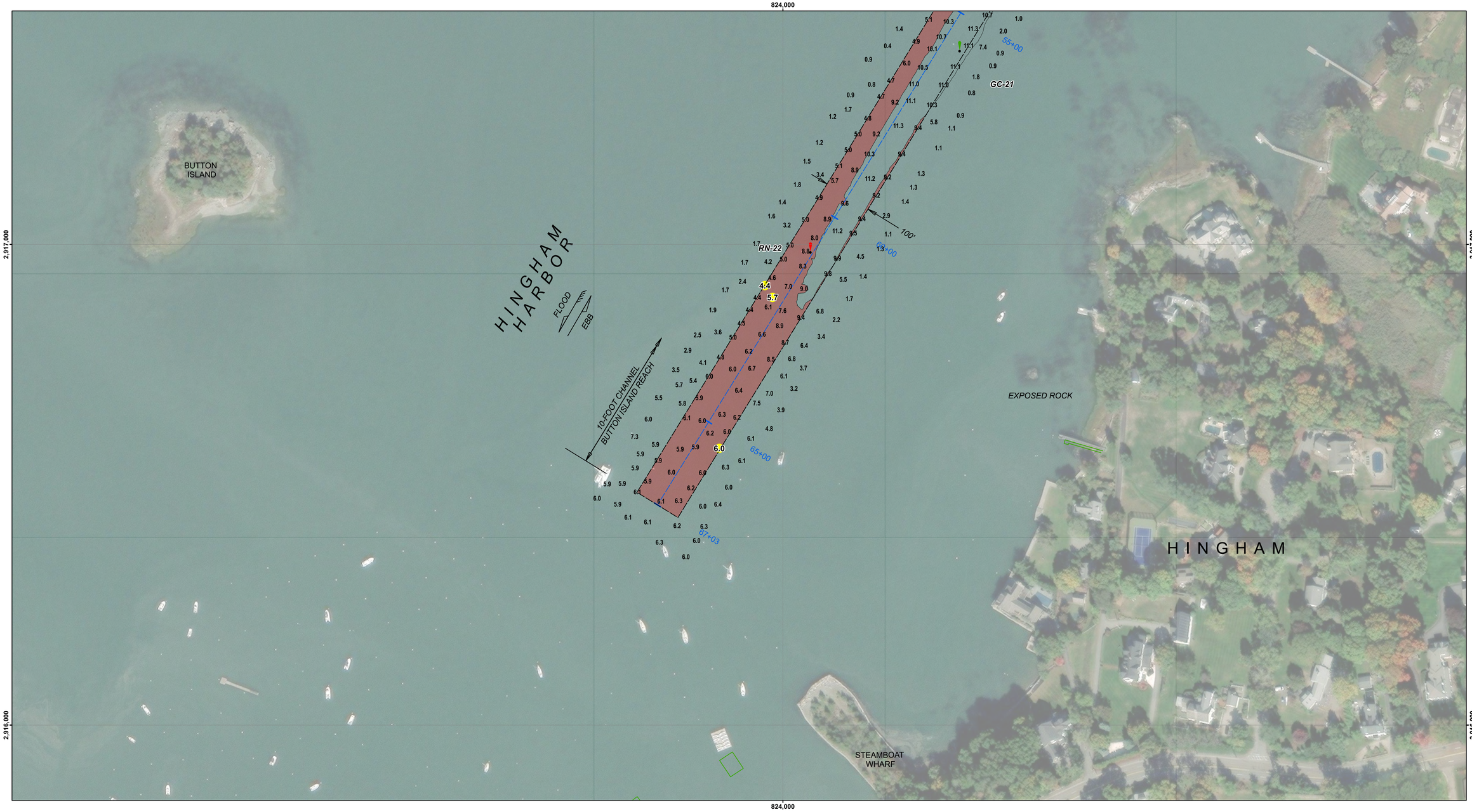
10-FOOT CHANNEL

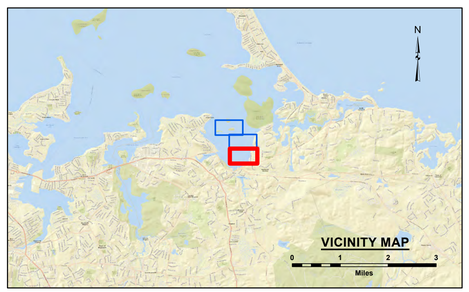
File Name: MA_29_HIN_20250410_CS_020

SHEET IDENTIFICATION
Hingham Harbor

Sheet 2 of 3

Revision Number: 5.24.09.03-5.24.09.03





LEGEND

- Federal Navigation Channel
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US Army Corps of Engineers
District: CENAE

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U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

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HINGHAM, MASSACHUSETTS
CONDITION SURVEY

10-FOOT CHANNEL

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SHEET IDENTIFICATION
Hingham Harbor

Sheet 3 of 3

Revision Number: 5.24.09.03-5.24.09.03