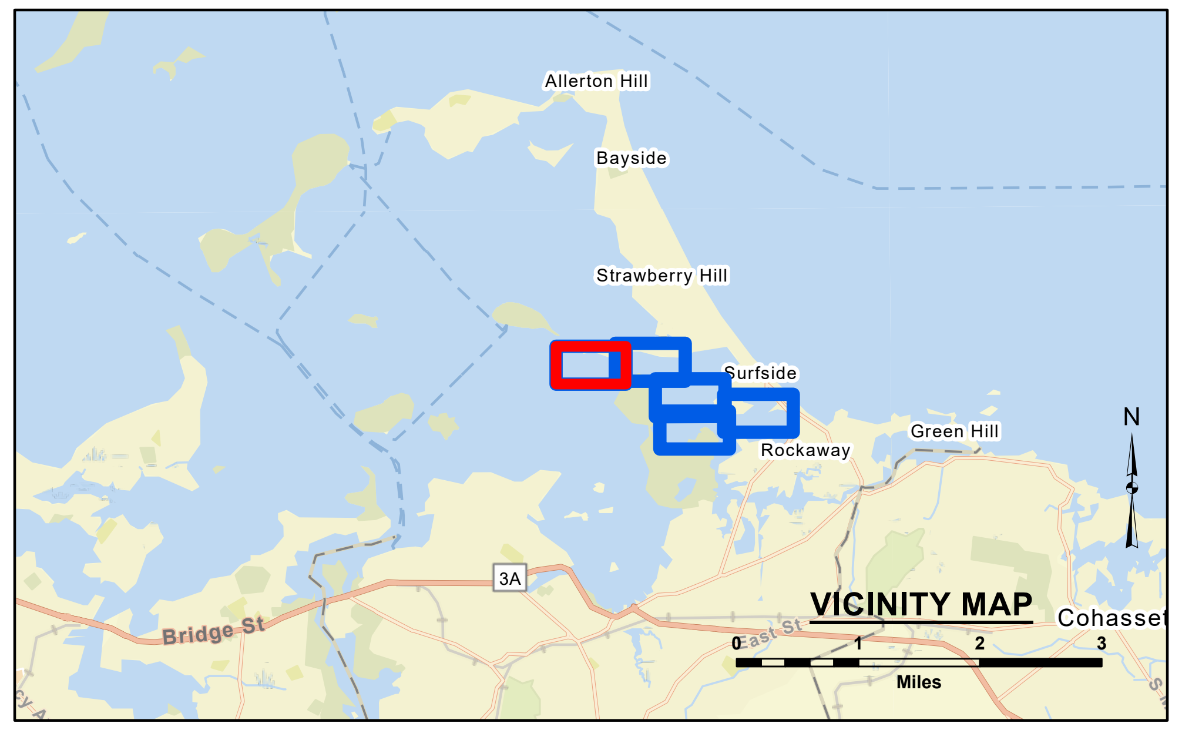
CORPS OF ENGINEERS

U.S. ARMY



VICINITY MAP

LEGEND

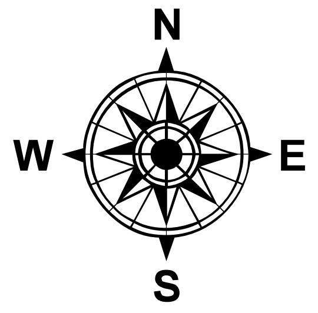
- --- Federal Navigation Channel
- ······· Cable or Pipe Areas
- --- Channel Center Line
- — Marine Infrastructure
- — Contour Line
- ⊗ Obstruction Point
- ✳ Fixed Navigation Aids
- ! Red Navigation Buoy
- ! Green Navigation Buoy
- 🟥 Shoaling Area
- ● Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach

GRAPHIC SCALE

1" = 100'

100 0 100 200 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: KEEGAN
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 300 to 400 kHz
Survey Method: RTK GPS Tides
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4984
Survey No.: MA_24_BOS_20250415_CS_029
Reference NOAA Chart No.: US5BOSBE, US5BOSBF

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Project Remarks

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Water Level Information

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US Army Corps
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District: CENAE

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U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SURVEYED BY: NCD
CHECKED BY: ZSM
ISSUE DATE: 4/28/2025
SUBMITTED BY: Barrett Morse
APPROVED BY: NAE Survey
MAP DOCUMENT: MA_24_BOS_20250415_CS_029
SIZE: ANSI D

WEIR RIVER
HULL, MASSACHUSETTS
CONDITION SURVEY

12-FOOT CHANNEL

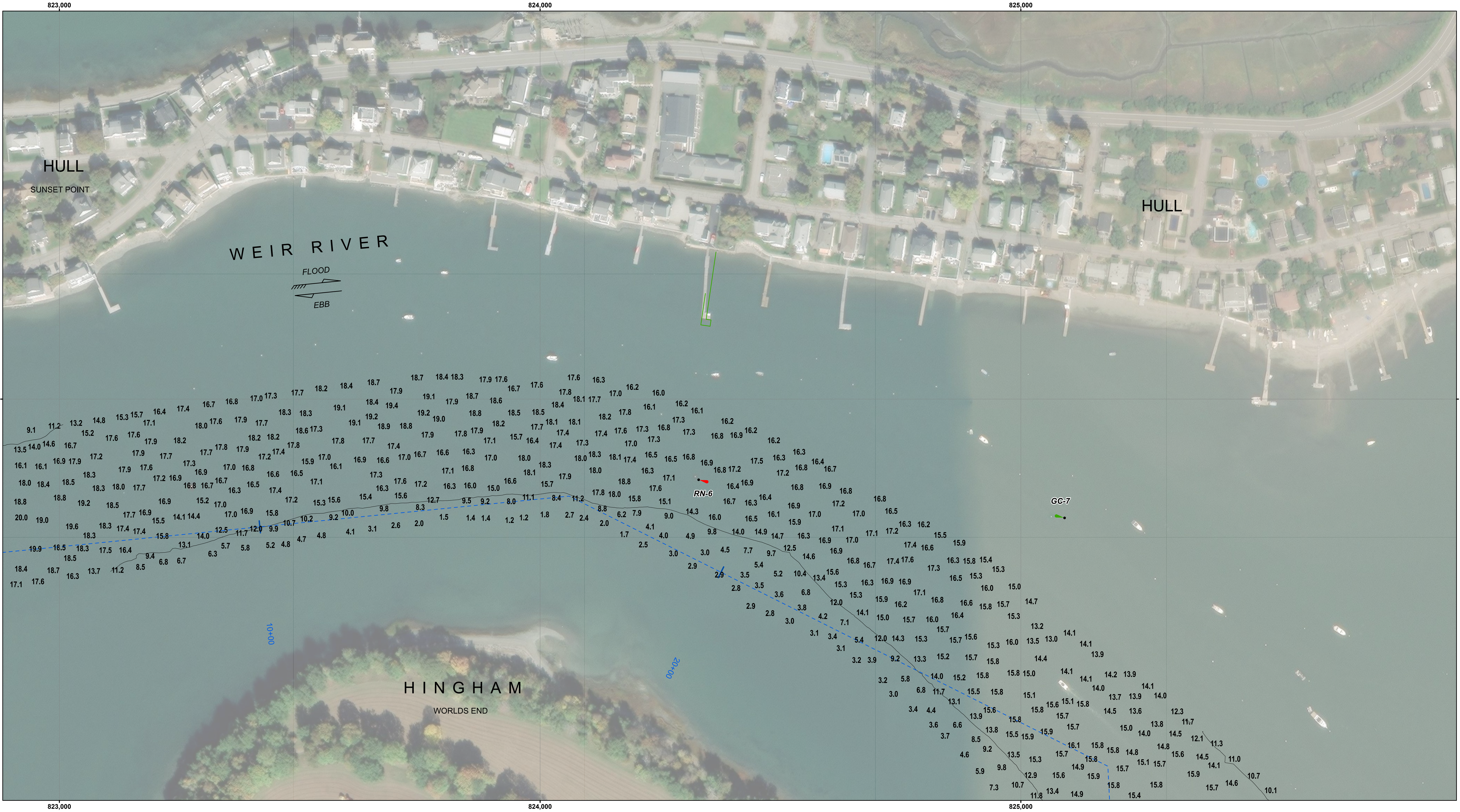
File Name: **MA_24_BOS_20250415_CS_029**

SHEET IDENTIFICATION

Nantasket Beach (Weir River)

Sheet 1 of 5

Revision Number: 5.24.09.03-5.24.09.03



US Army Corps of Engineers
District: CENAE

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U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

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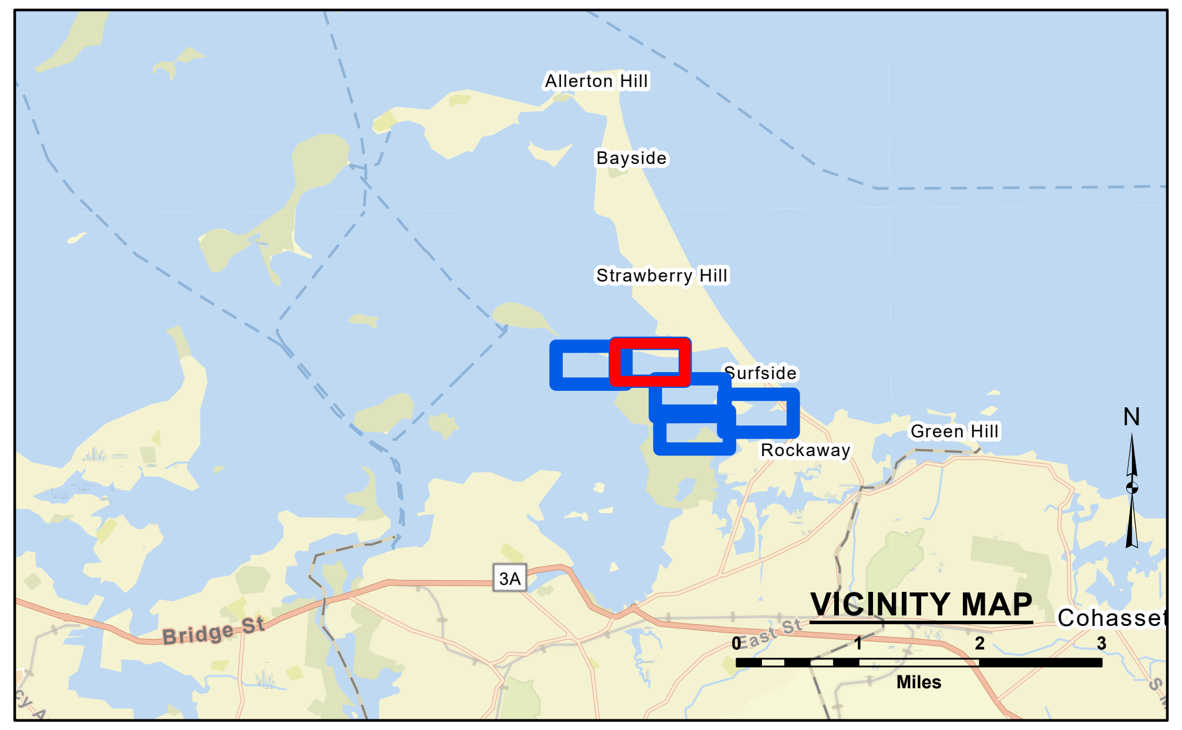
SIZE: ANSI D

WEIR RIVER
HULL, MASSACHUSETTS
CONDITION SURVEY

12-FOOT CHANNEL

File Name: MA_24_BOS_20250415_CS_029



VICINITY MAP

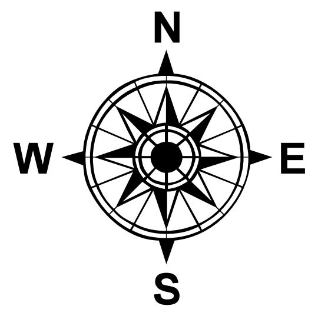
LEGEND

- —·— Federal Navigation Channel
- ······ Cable or Pipe Areas
- - - - Channel Center Line
- —— Marine Infrastructure
- —— Contour Line
- ☒ Obstruction Point
- ✳ Fixed Navigation Aids
- ! Red Navigation Buoy
- ! Green Navigation Buoy
- 🟥 Shoaling Area
- ● Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach

GRAPHIC SCALE

100 0 100 200
1" = 100' 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: KEEGAN
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 300 to 400 kHz
Survey Method: RTK GPS Tides
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4984
Survey No.: MA_24_BOS_20250415_CS_029
Reference NOAA Chart No.: US5BOSBE, US5BOSBF

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Project Remarks
Marine Infrastructure surveyed with ship mounted LIDAR. Floating docks in winter storage located in Hampton Hill Reach at time of survey.

Water Level Information
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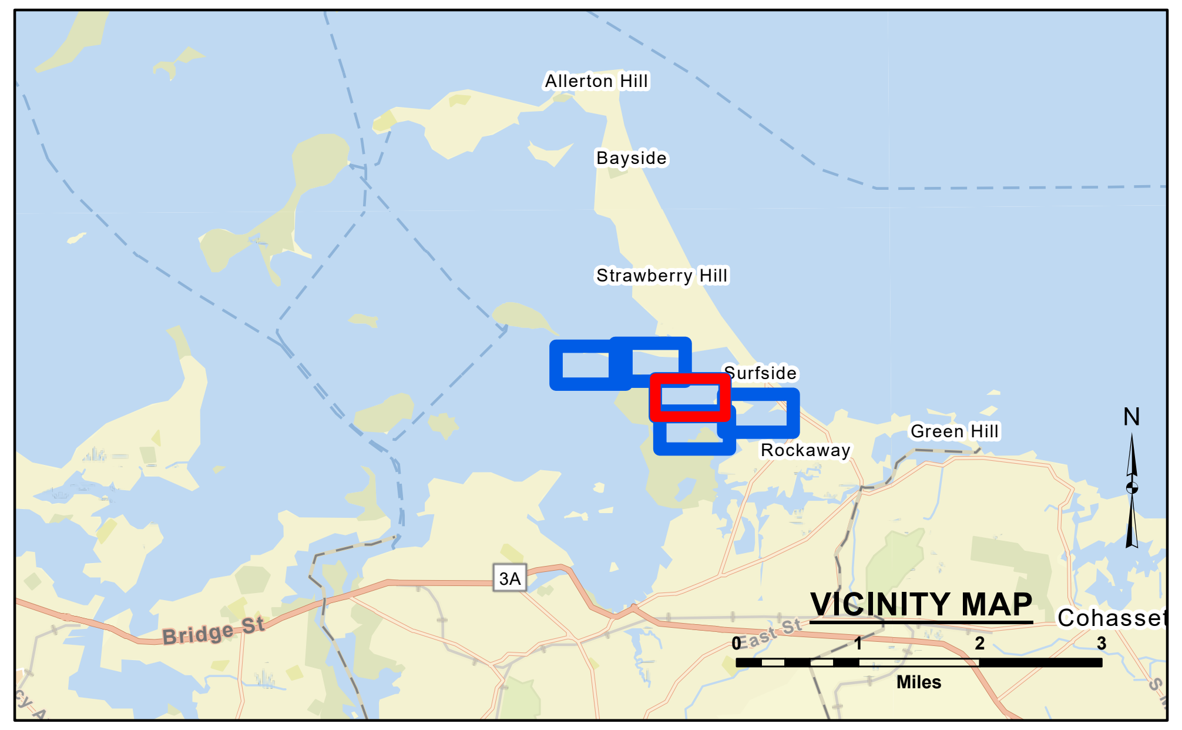
SHEET IDENTIFICATION
Nantasket Beach (Weir River)
Sheet 2 of 5

Revision Number: 5.24.09.03-5.24.09.03



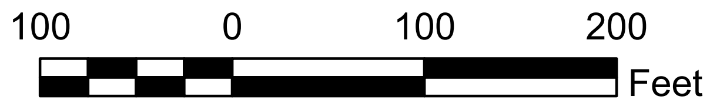
VICINITY MAP

LEGEND

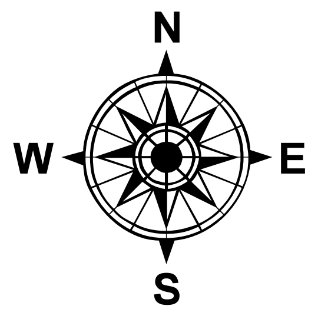
- —— Federal Navigation Channel
- ······· Cable or Pipe Areas
- - - - Channel Center Line
- —— Marine Infrastructure
- —— Contour Line
- ☒ Obstruction Point
- ✳ Fixed Navigation Aids
- ! Red Navigation Buoy
- ! Green Navigation Buoy
- 🟥 Shoaling Area
- ● Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach

GRAPHIC SCALE



1" = 100'



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 to 400 kHz
Survey Method: RTK GPS Tides
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4984
Survey No.: MA_24_BOS_20250415_CS_029
Reference NOAA Chart No.: US5BOSBE, US5BOSBF

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Project Remarks

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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: ZSM
ISSUE DATE: 4/28/2025
MAP DOCUMENT: MA_24_BOS_20250415_CS_029
SIZE: ANSI D

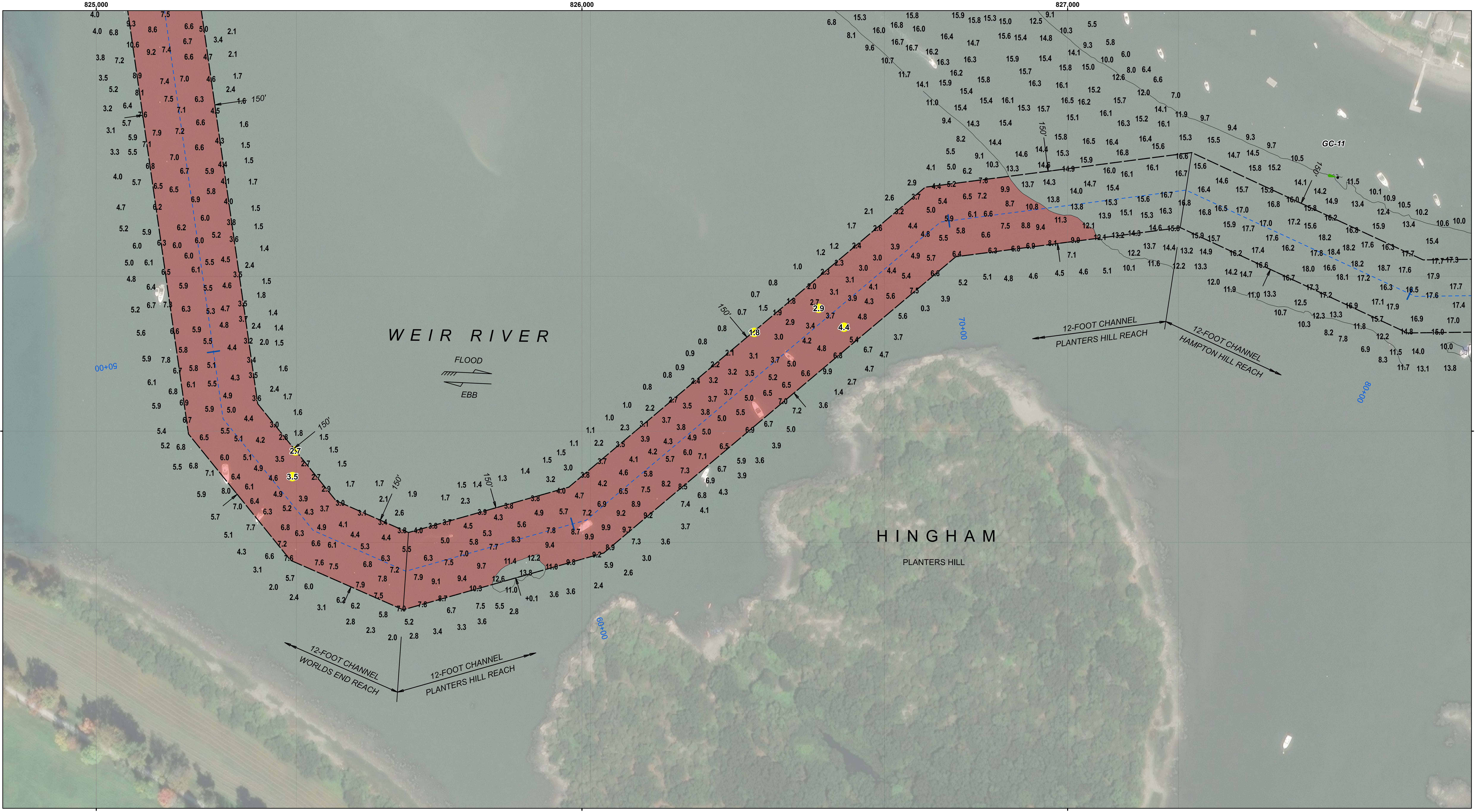
WEIR RIVER
HULL, MASSACHUSETTS
CONDITION SURVEY

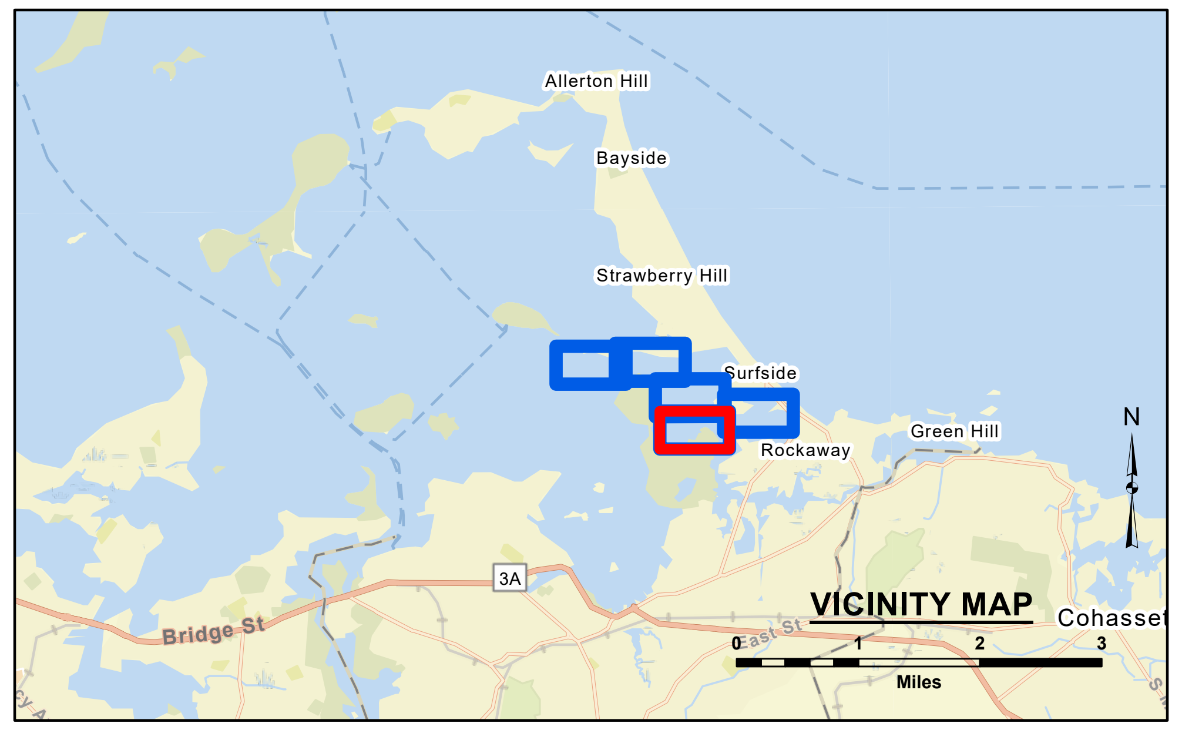
12-FOOT CHANNEL

File Name: MA_24_BOS_20250415_CS_029

SHEET IDENTIFICATION
Nantasket Beach
(Weir River)
Sheet 3 of 5

Revision Number: 5.24.09.03-5.24.09.03


825,000
826,000
827,000
2,923,000
WEIR RIVER
FLOOD
EBB
HINGHAM
PLANTERS HILL
150'
50+00
60+00
70+00
80+00
GC-11
12-FOOT CHANNEL WORLDS END REACH
12-FOOT CHANNEL PLANTERS HILL REACH
12-FOOT CHANNEL HAMPTON HILL REACH



VICINITY MAP

LEGEND

- Federal Navigation Channel
- Cable or Pipe Areas
- Channel Center Line
- Marine Infrastructure
- Contour Line
- ☒ Obstruction Point
- ✳ Fixed Navigation Aids
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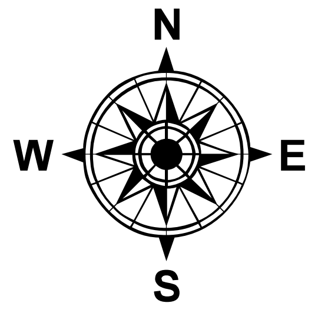
- ● Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach

GRAPHIC SCALE

1" = 100'



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 to 400 kHz
Survey Method: RTK GPS Tides
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4984
Survey No.: MA_24_BOS_20250415_CS_029
Reference NOAA Chart No.: US5BOSBE, US5BOSBF

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Water Level Information

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US Army Corps
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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: ZSM
ISSUE DATE: 4/28/2025
SIZE: ANSI D
MAP DOCUMENT: MA_24_BOS_20250415_CS_029

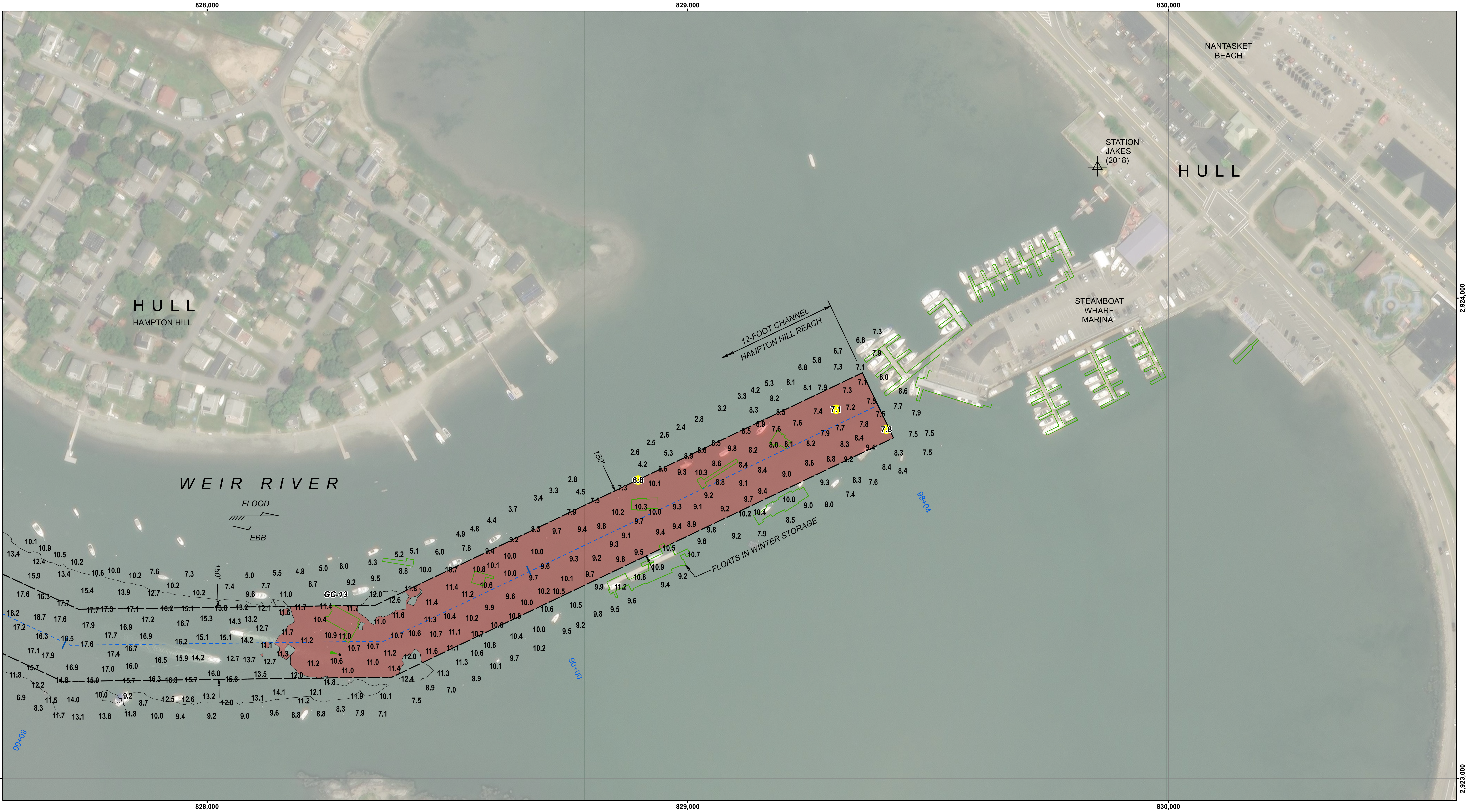
WEIR RIVER
HULL, MASSACHUSETTS
CONDITION SURVEY

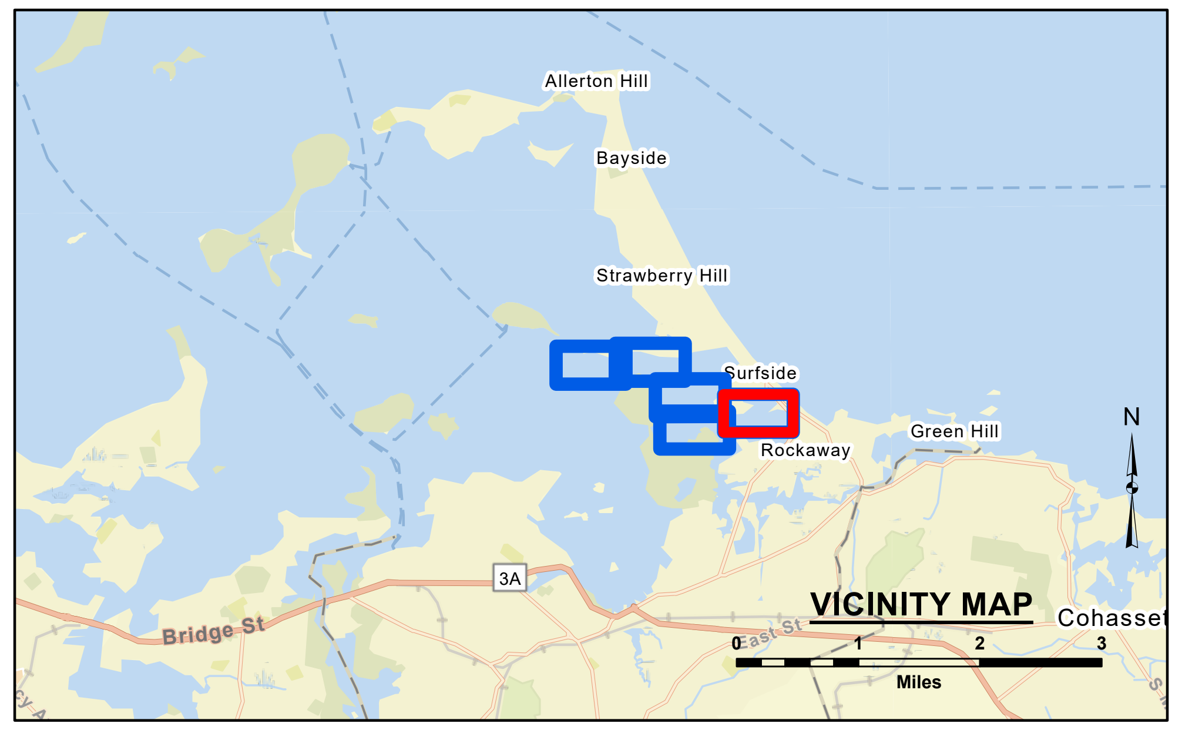
12-FOOT CHANNEL

File Name: MA_24_BOS_20250415_CS_029

SHEET IDENTIFICATION
Nantasket Beach
(Weir River)
Sheet 4 of 5

Revision Number: 5.24.09.03-5.24.09.03





VICINITY MAP

LEGEND

- ─ ─ Federal Navigation Channel
- ┈┈ Cable or Pipe Areas
- - - Channel Center Line
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** Shoalest Sounding per Quarter per Reach

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100 0 100 200

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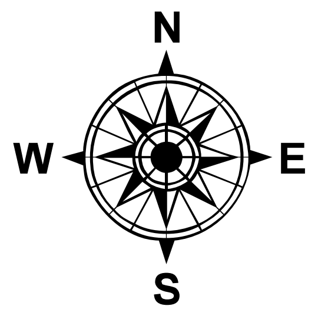

Notes:

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NEW ENGLAND DISTRICT

SUBMITTED BY: Barrett Morse
APPROVED BY: NAE Survey
SURVEYED BY: NCD
CHECKED BY: ZSM
SIZE: ANSI D
MAP DOCUMENT: MA_24_BOS_20250415_CS_029
ISSUE DATE: 4/28/2025

WEIR RIVER
HULL, MASSACHUSETTS
CONDITION SURVEY

12-FOOT CHANNEL

File Name: **MA_24_BOS_20250415_CS_029**

SHEET IDENTIFICATION
Nantasket Beach (Weir River)

Sheet 5 of 5

Revision Number: 5.24.09.03-5.24.09.03