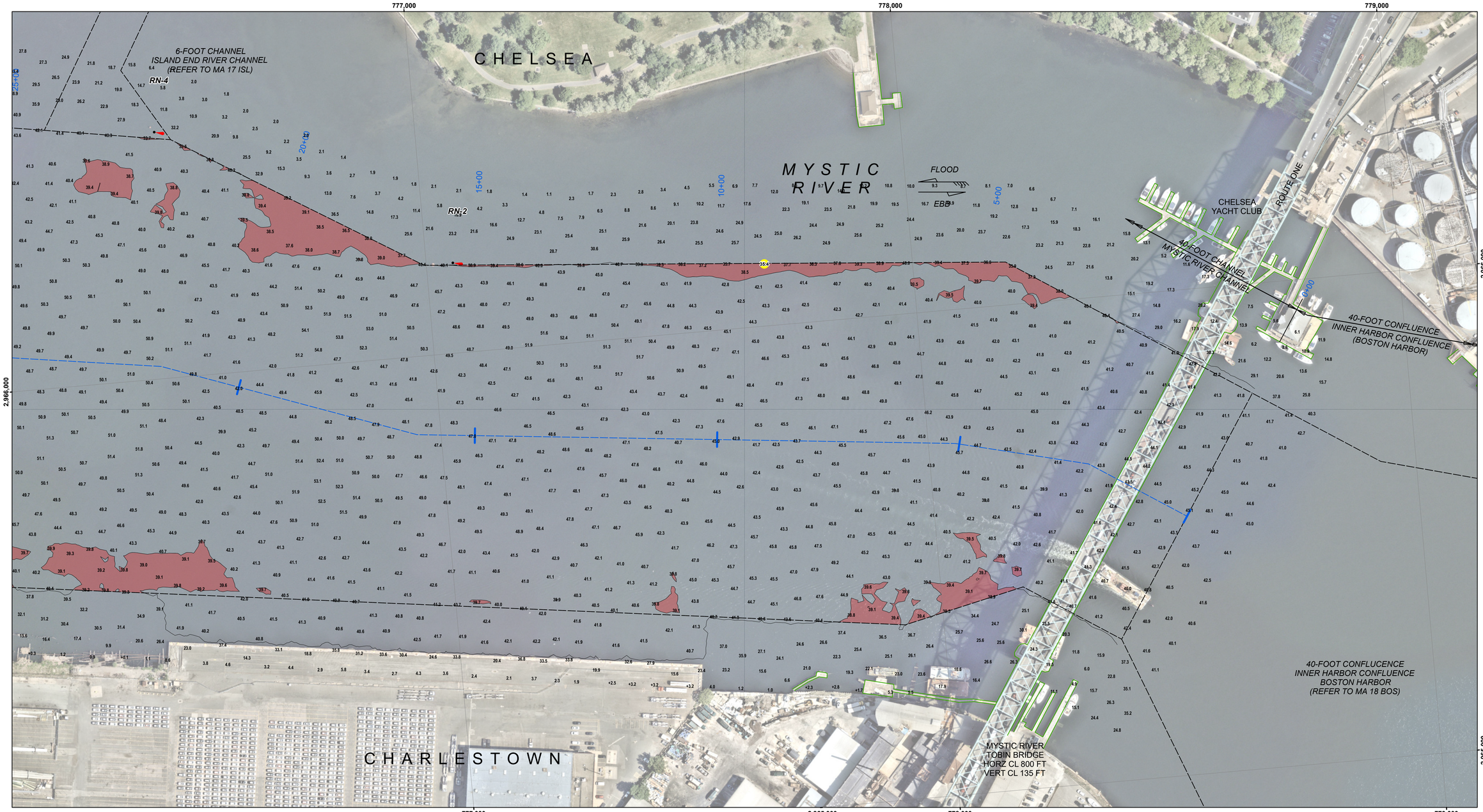
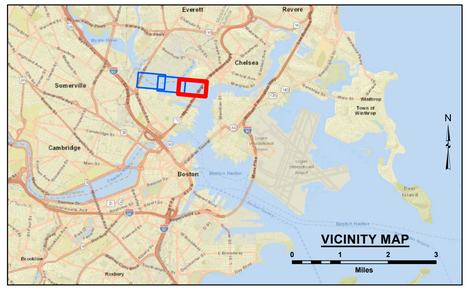




LEGEND

- Federal Navigation Channel
- Cable or Pipe Areas
- Channel Center Line
- 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

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: Popham Beach
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 300 kHz
Survey Method: RTK GPS TIDES
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 40'
Field Books: R&H 4981
Survey No.: MA_16_MYM_20241029_CS_061
Reference NOAA Chart No.: ENC US5BOSDC

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.

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Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing a single correction of 5.51 feet in the project area. This correction is published by NOAA bench marks at Boston, Boston Harbor, Massachusetts (Station ID 8443970). 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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U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SURVEYED BY: MJD
CHECKED BY: BTM
ISSUE DATE: 11/14/2024
SUBMITTED BY: Joshua Bromberg
APPROVED BY: NAE Survey
SIZE: ANSI D
MAP DOCUMENT: MA_16_MYM_20241029_CS_061

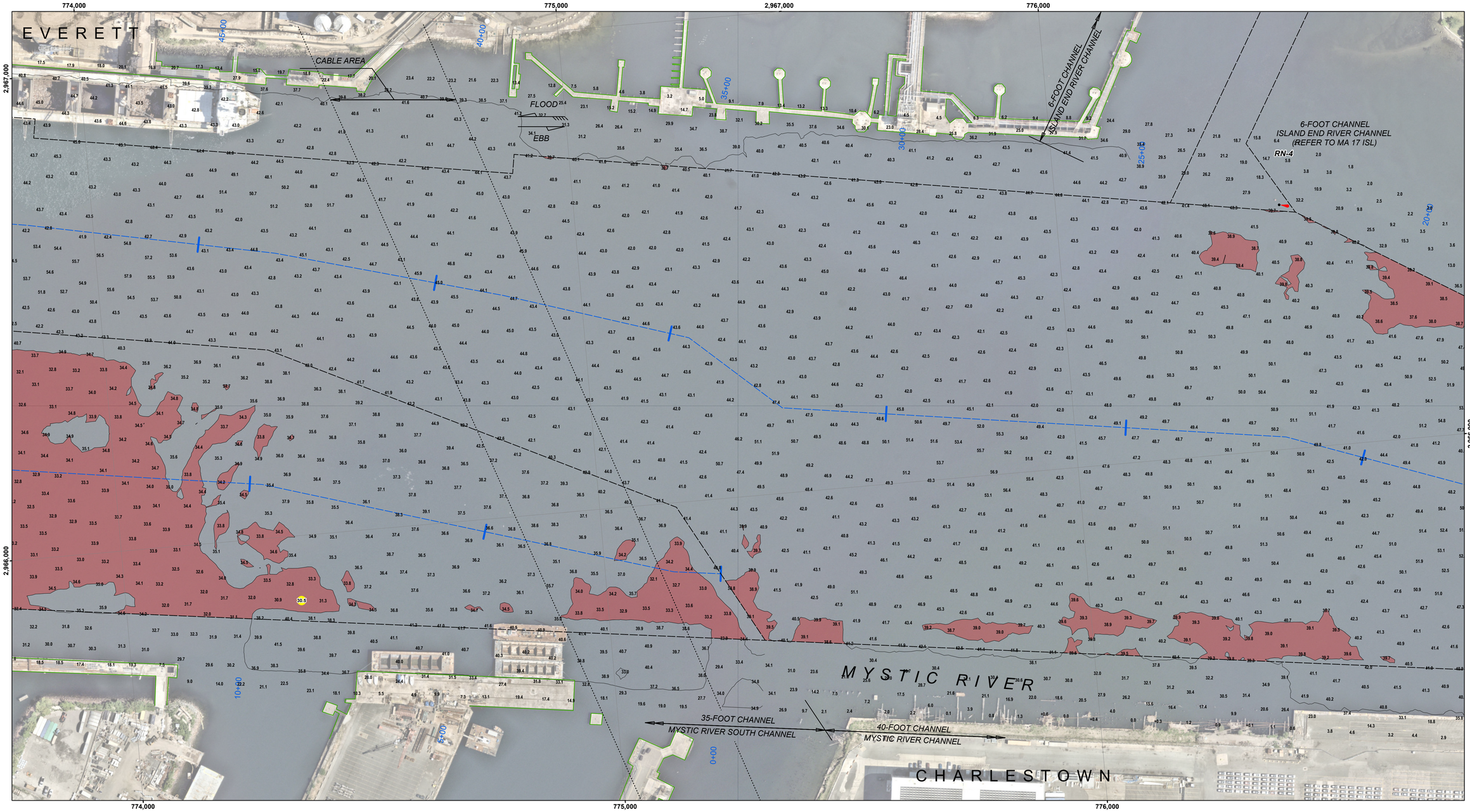
MYSTIC RIVER
MASSACHUSETTS
CONDITION SURVEY

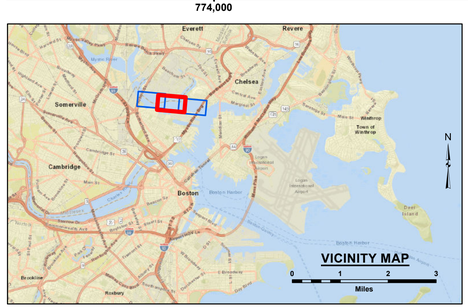
30, 35, AND 40-FOOT CHANNELS

File Name: MA_16_MYM_20241029_CS_061

SHEET IDENTIFICATION
Mystic River, Boston Harbor
Sheet 1 of 3

Revision Number: 5.24.09.03-5.24.09.03





LEGEND

- Federal Navigation Channel
- Cable or Pipe Areas
- Channel Center Line
- Contour Line
- Obstruction Point
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- Red Navigation Buoy
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** Shoalest Sounding per Quarter per Reach

GRAPHIC SCALE

100 0 100 200

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N W E S

Notes:

Horizontal Datum: Mass Mainland, MA-2001 NAD 83
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Survey Method: RTK GPS TIDES
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
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Project Remarks

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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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ISSUE DATE: 11/14/2024
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SIZE: ANSI D

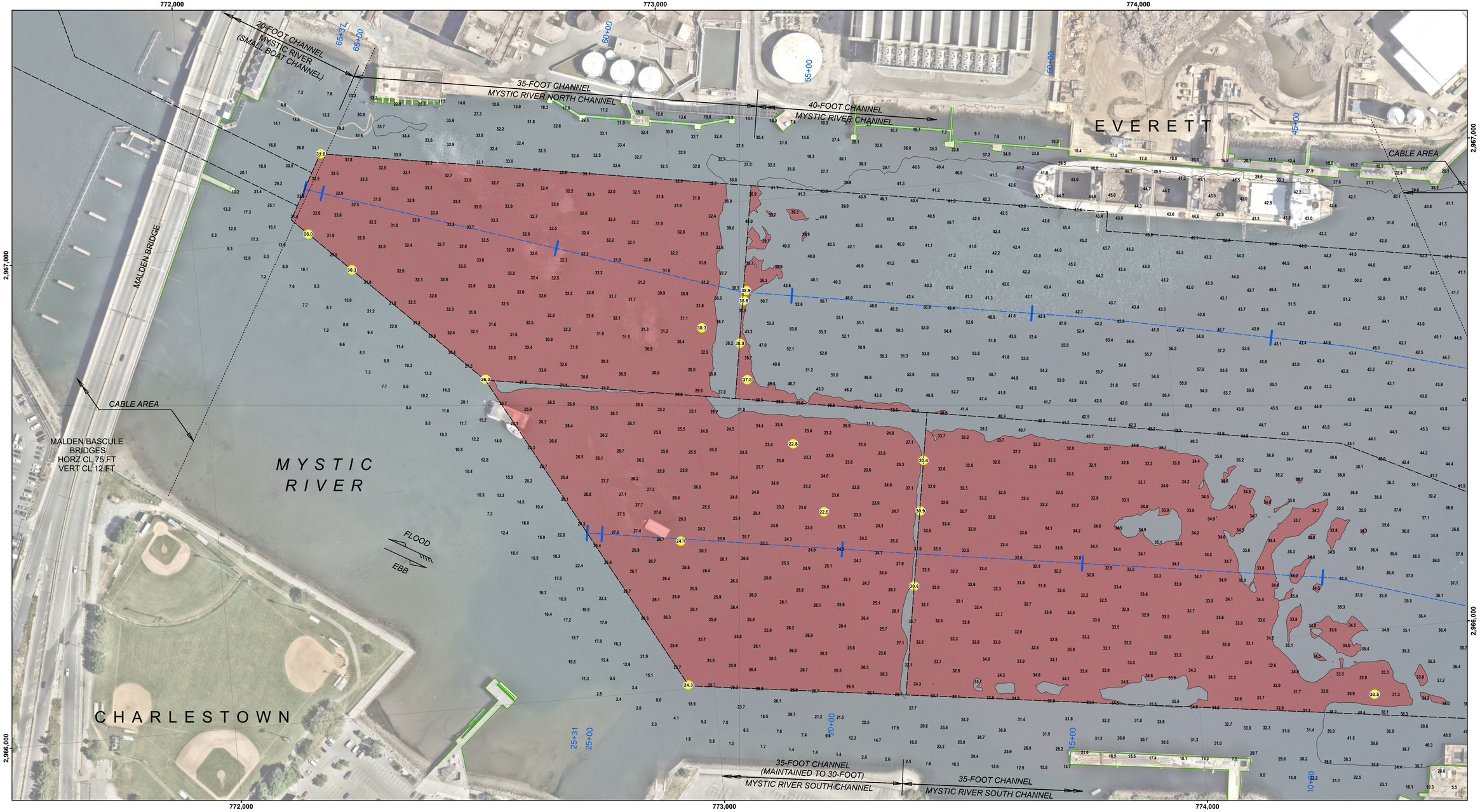
MYSTIC RIVER
MASSACHUSETTS
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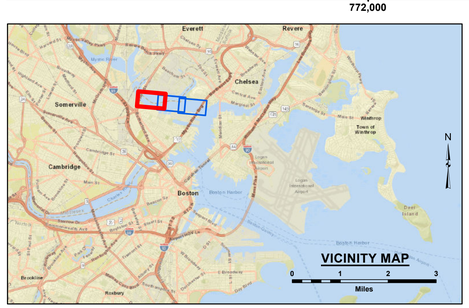
30, 35, AND 40-FOOT CHANNELS

File Name: MA_16_MYM_20241029_CS_061

SHEET IDENTIFICATION
Mystic River, Boston Harbor
Sheet 2 of 3

Revision Number: 5.24.09.03-5.24.09.03





LEGEND

- Federal Navigation Channel
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GRAPHIC SCALE

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US Army Corps of Engineers
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MYSTIC RIVER
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CONDITION SURVEY

30, 35, AND 40-FOOT CHANNELS

File Name: MA_16_MYM_20241029_CS_061

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Mystic River, Boston Harbor

Sheet 3 of 3

Revision Number: 5.24.09.03-5.24.09.03