

LEGEND

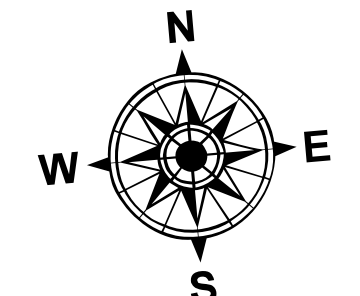
- Federal Navigation Channel
- Cable or Pipe Areas
- Channel Center Line
- Contour Line
- ⊗ Obstruction Point
- ⊗ Fixed Navigation Aids
- Red Navigation Buoy
- Green Navigation Buoy
- Shoaling Area
- Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach

GRAPHIC SCALE

1" = 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: 400 kHz
 Survey Method: RTK GPS TIDES
 GPS System: Trimble SPS 855 (RTK)
 RTK Base Station: Castle (2014)
 Software Used: Hypack
 Sounding Sort Distance: 20'
 Field Books: R&H 4564
 Survey No.: MA_16_MYM_20210406_CS_016
 Reference NOAA Chart No.: 13272

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
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Project Remarks
 Federal navigation project not surveyed in its entirety, survey contains full coverage of deep draft areas of lower Mystic River.

Water Level Information
 Tides were recorded using RTK GPS. The MLLW to NAVD88 correction for this project is 5.51 feet. This correction was established in the vicinity of NOAA bench marks at Boston, Boston Harbor, Massachusetts (Station ID 8443970, 04/2/2003). NAVD88 is above MLLW; therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project.

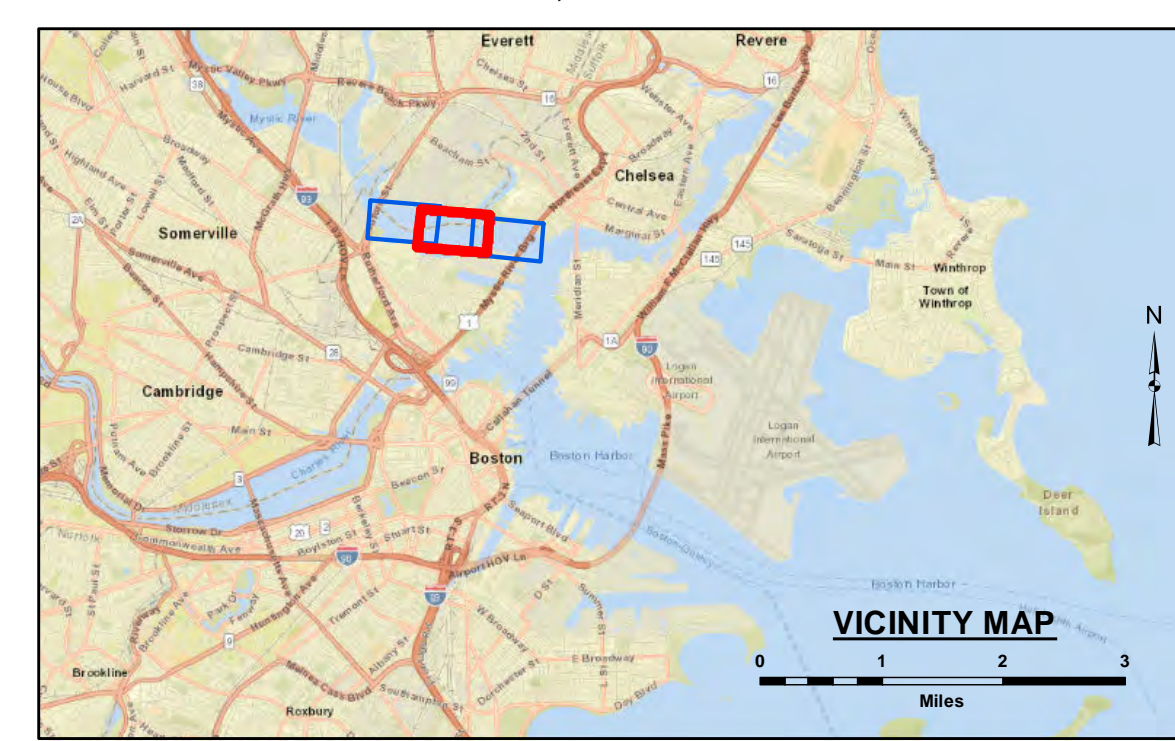
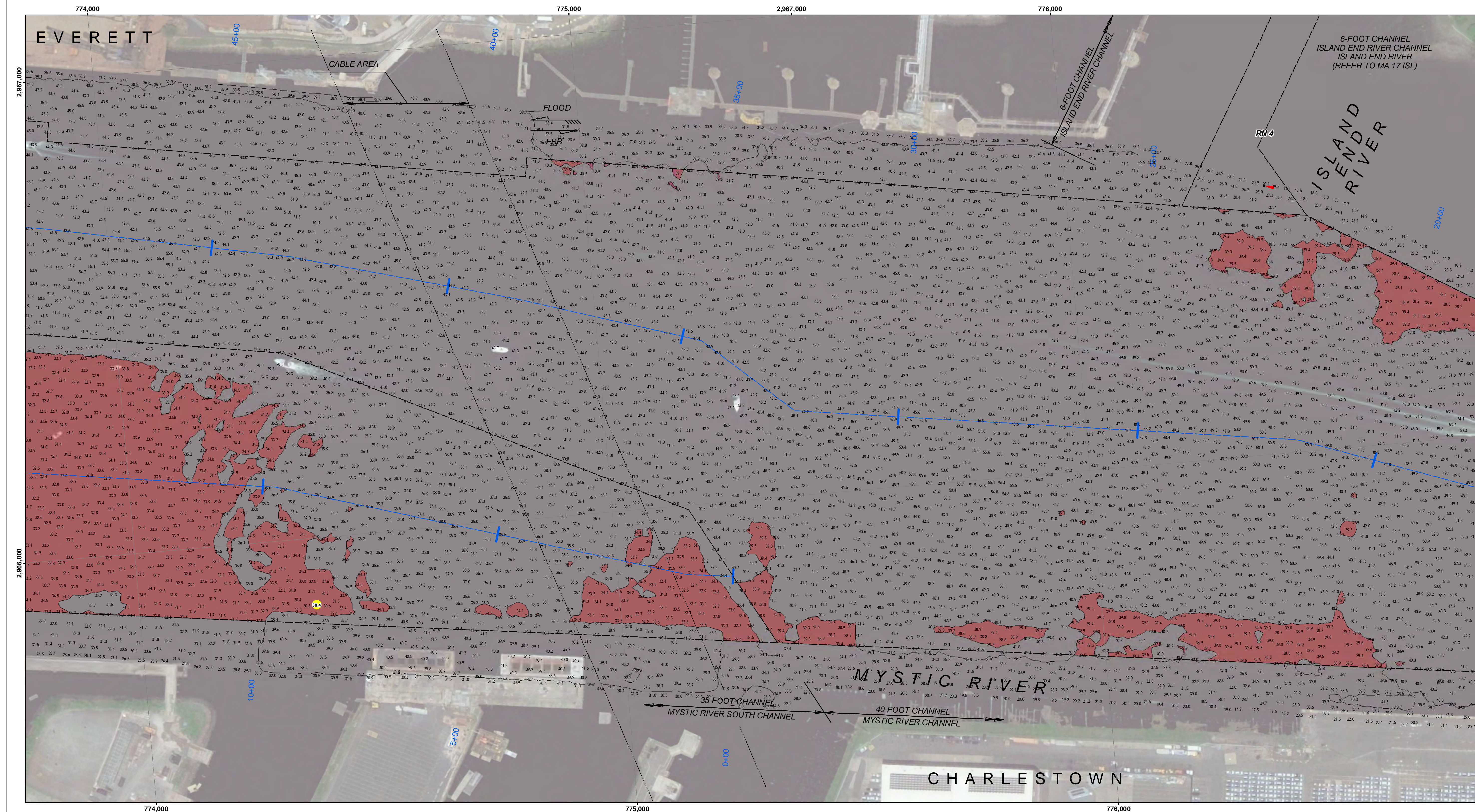


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SURVEYED BY: PJB		CHECKED BY: ZSM		ISSUE DATE: 09/20/21	
SUBMITTED BY: Zhenyao Ma		APPROVED BY: NAE Survey		MAP DOCUMENT: MA_16_MYM_20210406_CS_016	
U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT		MYSTIC RIVER MASSACHUSETTS CONDITION SURVEY		30, 35, AND 40-FOOT CHANNELS	

SHEET IDENTIFICATION
 Mystic River, Boston Harbor
 Sheet 1 of 3

Revision Number: 4.2:20200420



LEGEND

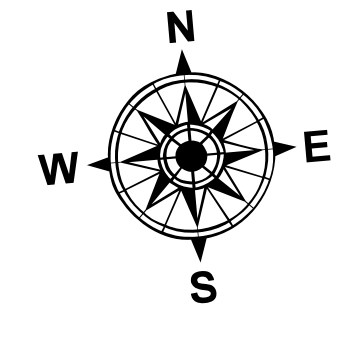
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	APPROVED BY: NAE Survey		
	MAP DOCUMENT: MA_16_MYM_20210406_CS_016		
	SIZE: A3SD		

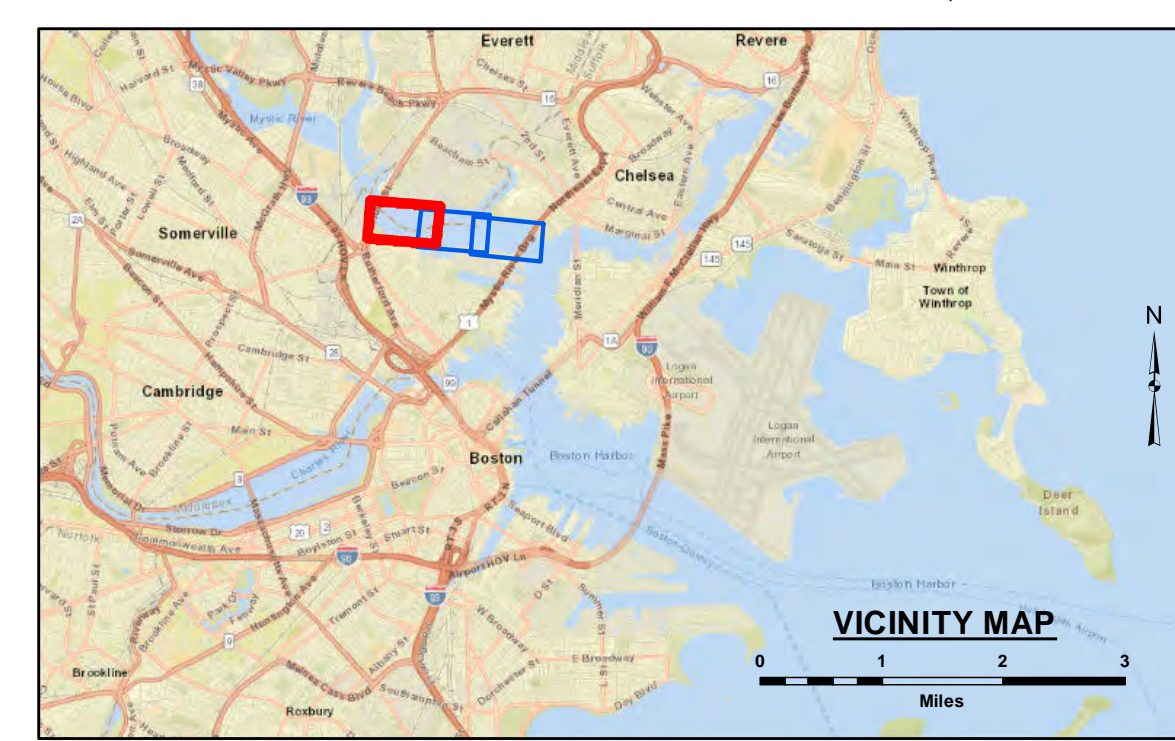
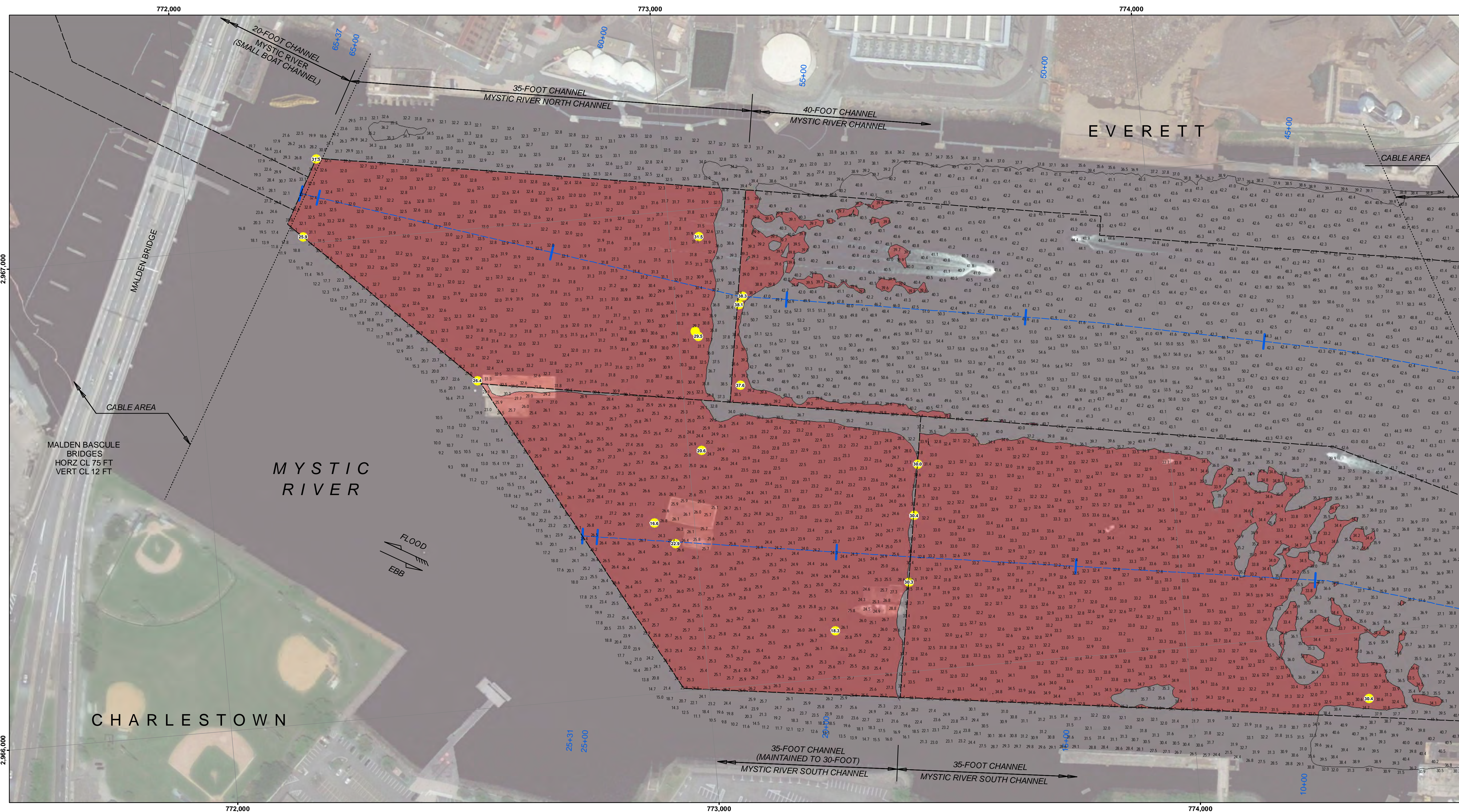
MYSTIC RIVER MASSACHUSETTS CONDITION SURVEY

30, 35, AND 40-FOOT CHANNELS

MA_16_MYM_20210406_CS_016

SHEET IDENTIFICATION
 Mystic River, Boston Harbor

Sheet 2 of 3

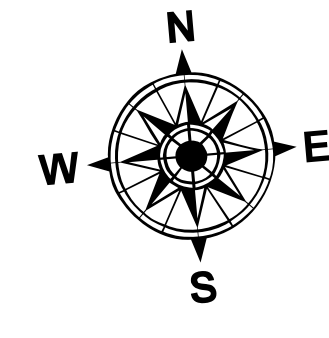


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SIZE: A3SD	U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	

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