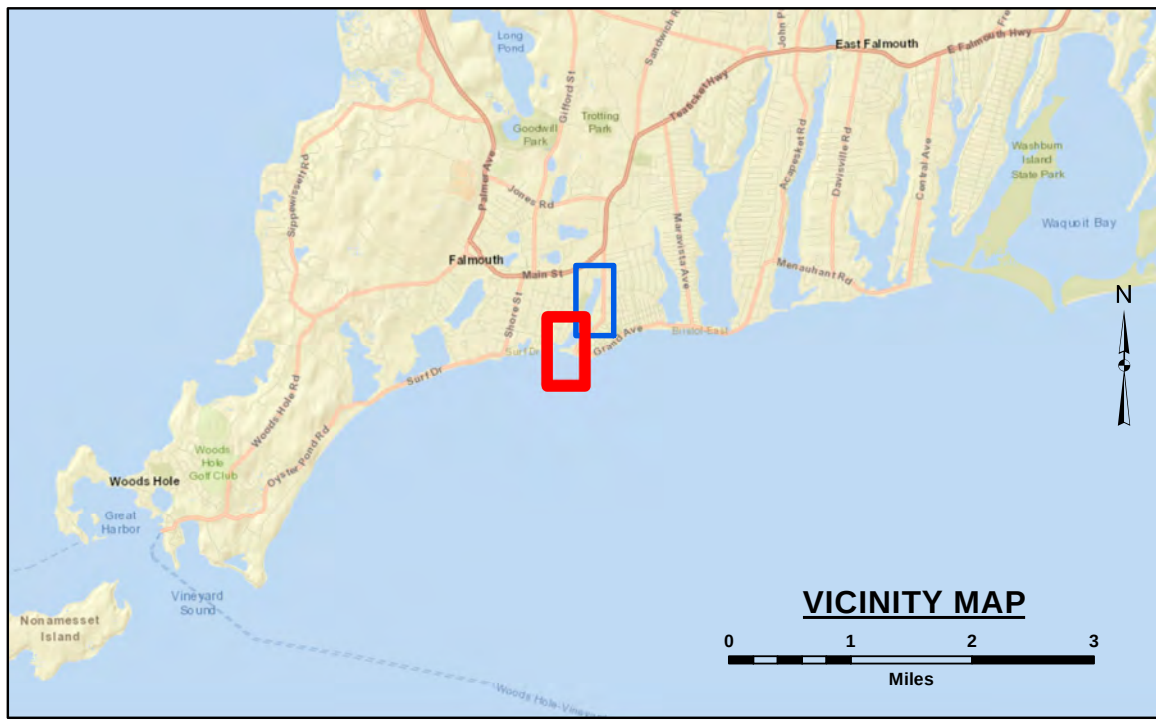
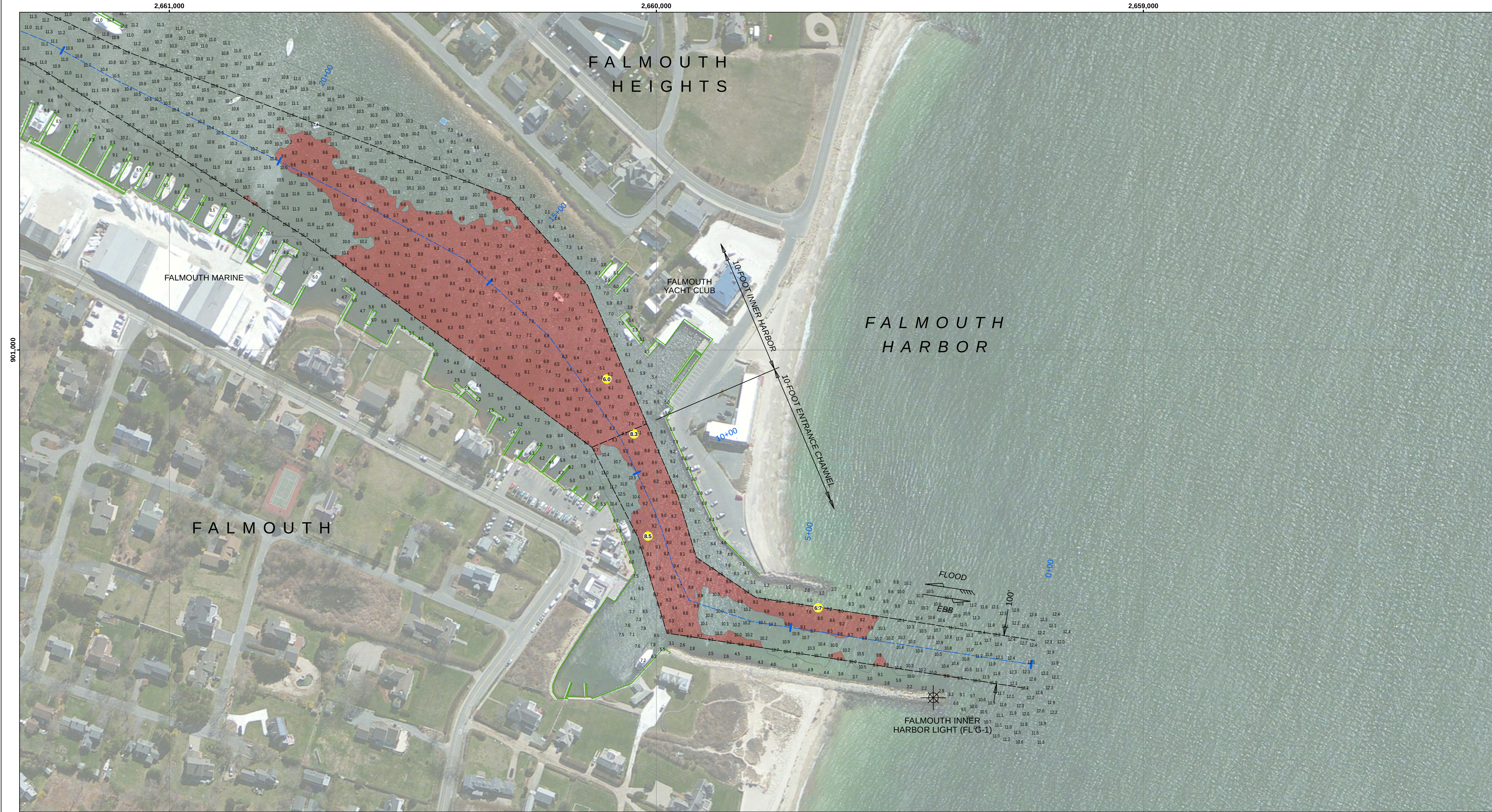




LEGEND

Federal Navigation Channel

Channel Center Line

.....

Cable/Pipeline Area

—

Contour Line

—

Marine Infrastructure*

✠

Fixed Navigation Aids

●

Red Navigation Buoy

●

Green Navigation Buoy

■

Shoaling Area

●

Shoalest Sounding**

GRAPHIC SCALE

1" = 100'

100

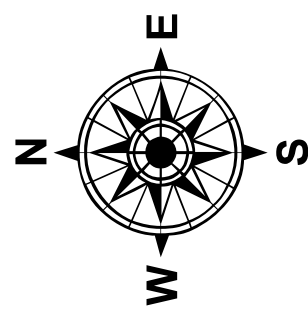
0

100

200

Feet

** Shoalest Sounding per Quarter per Reach
* Present at time of Survey



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: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 20'
Field Books: R&H 4224
Survey No.: MA_49_FAL_20200420_CS_001
Reference NOAA Chart No.: 13229

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 April 2020. The sounding information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the conditions existing at that time. 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.

Project Remarks
Marine infrastructure within federal navigation project limits, locations verified with Lidar.

Water Level Information
Tides were recorded using RTK GPS. The MLLW to NAVD88 corrections for this project range from 1.26 feet to 1.27 feet. These corrections are referenced from NOAA's V-Datum Model Version 3.9. ME/NH/MA region Version 1.3, in the vicinity of Falmouth Harbor, Falmouth, Massachusetts. NAVD88 is above MLLW; therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project.



DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were provided. The user is responsible for the results of any use of the data for any purpose other than that for which they were provided. The user is responsible for the results of any use of the data for any purpose other than that for which they were provided. The user is responsible for the results of any use of the data for any purpose other than that for which they were provided.

U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	SURVEYED BY: PJB	CHECKED BY: ZSM	ISSUE DATE: 4/24/2020
	SUBMITTED BY: Zachary McAvoy	APPROVED BY: NAE Survey	MAP DOCUMENT: MA_49_FAL_20200420_CS_001
SIZE: A115 D			

FALMOUTH HARBOR
FALMOUTH, MASSACHUSETTS

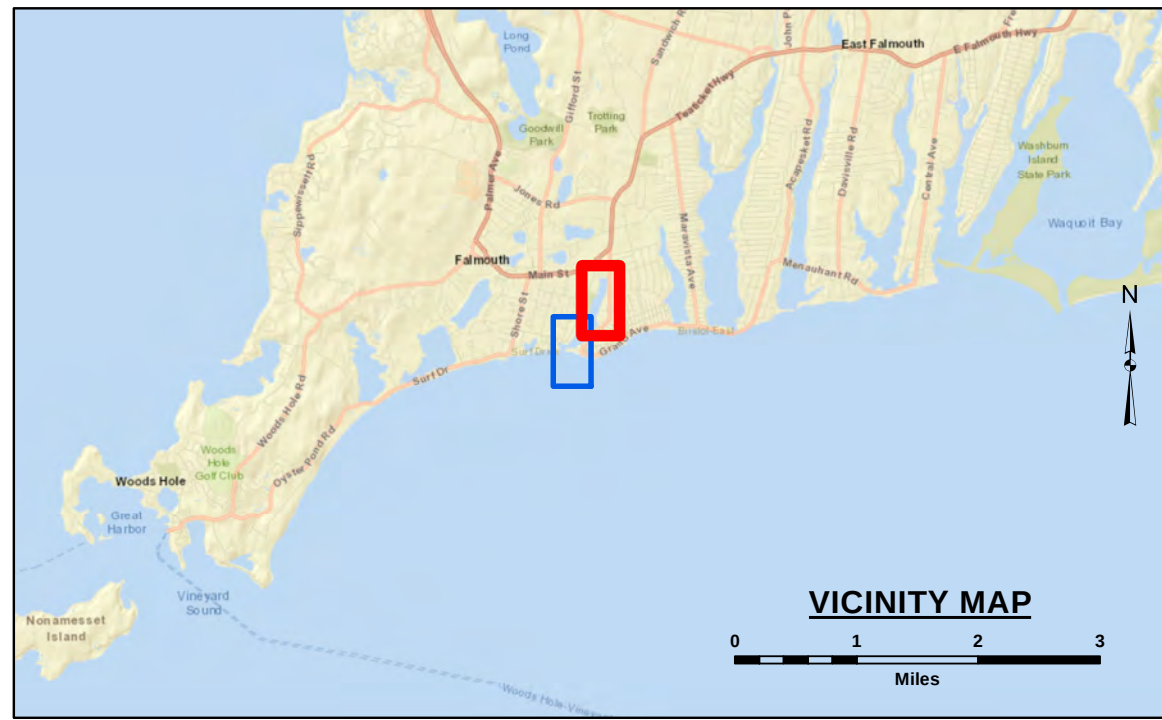
CONDITION SURVEY

10-FOOT CHANNEL AND INNER HARBOR

File Name: MA_49_FAL_20200420_CS_001

SHEET
IDENTIFICATION
Falmouth Harbor

Sheet 1 of 2



LEGEND

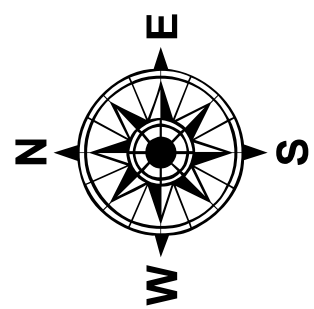
- Federal Navigation Channel
- Channel Center Line
- Cable/Pipeline Area
- Contour Line
- Marine Infrastructure*
- ✕ Fixed Navigation Aids
- 🚩 Red Navigation Buoy
- 🚩 Green Navigation Buoy
- 🔴 Shoaling Area
- 🟡 Shoalest Sounding**

GRAPHIC SCALE

1" = 100'

0 100 200 Feet

** Shoalest Sounding per Quarter per Reach
* Present at time of Survey



Notes:
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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: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 20'
Field Books: R&H 4224
Survey No.: MA_49_FAL_20200420_CS_001
Reference NOAA Chart No.: 13229

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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	SURVEYED BY: PJB	CHECKED BY: ZSM	ISSUE DATE: 4/24/2020
	SUBMITTED BY: Zachary McAvoy	APPROVED BY: NAE Survey	MAP DOCUMENT: MA_49_FAL_20200420_CS_001
SIZE: A1/S1D			

**FALMOUTH HARBOR
FALMOUTH, MASSACHUSETTS**

CONDITION SURVEY

10-FOOT CHANNEL AND INNER HARBOR

File Name: MA_49_FAL_20200420_CS_001

**SHEET
IDENTIFICATION**
Falmouth Harbor

Sheet 2 of 2