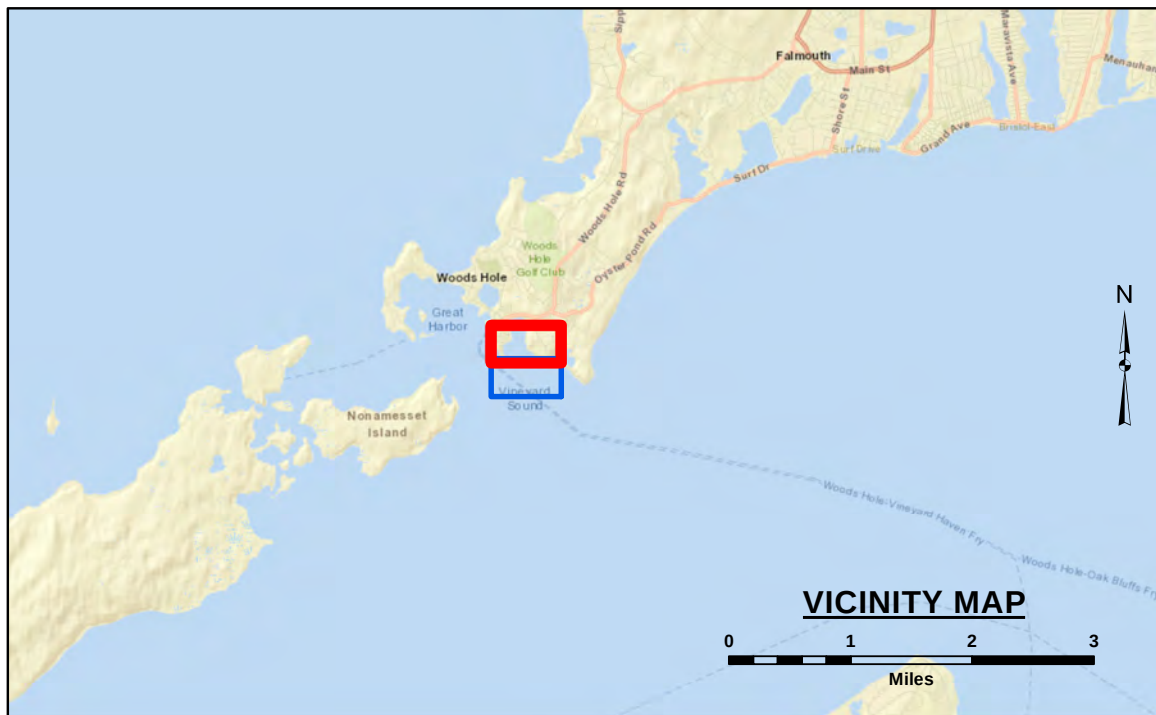




LEGEND

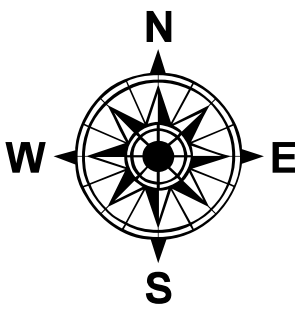
- Federal Navigation Channel
- Channel Center Line
- Cable/Pipeline Area
- Contour Line
- Marine Infrastructure *
- ✱ Fixed Navigation Aids
- 🚩 Red Navigation Buoy
- 🚩 Green Navigation Buoy
- 🚩 Junction Buoy
- 🔴 Shoaling Area
- 🟡 Shoalest Sounding**

GRAPHIC SCALE

1" = 100'

0 100 200 Feet

** Shoalest Sounding per Quarter per Reach
* Present at Time of Hydrographic 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 3428
Survey No.: MA_50_LWH_20200423_CS_002
Reference NOAA Chart No.: 13235

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 these 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

Federal navigation project not surveyed in its entirety.

Water Level Information

Tides were recorded using RTK GPS. The MLLW to NAVD88 corrections for this project range from 1.23 feet to 1.37 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 Little Harbor at Woods Hole, Woods Hole, MA. NAVD88 is above MLLW; therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project.

U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT		SURVEYED BY: PJB	ISSUE DATE 1/28/2020
SUBMITTED BY: Zachary McAvoy		CHECKED BY: ZSM	
APPROVED BY: NAE Survey			
SIZE: ANSI D	MAP DOCUMENT MA_50_LWH_20200423_CS_002		

LITTLE HARBOR WOODS HOLE, MASSACHUSETTS CONDITION SURVEY	12-FOOT CHANNEL
File Name: MA_50_LWH_20200423_CS_002	

SHEET IDENTIFICATION Little Harbor, Woods Hole Sheet 2 of 2
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