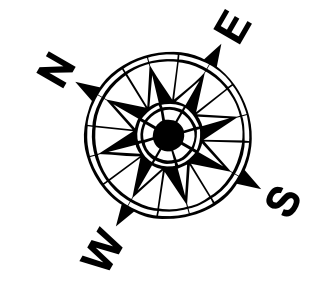
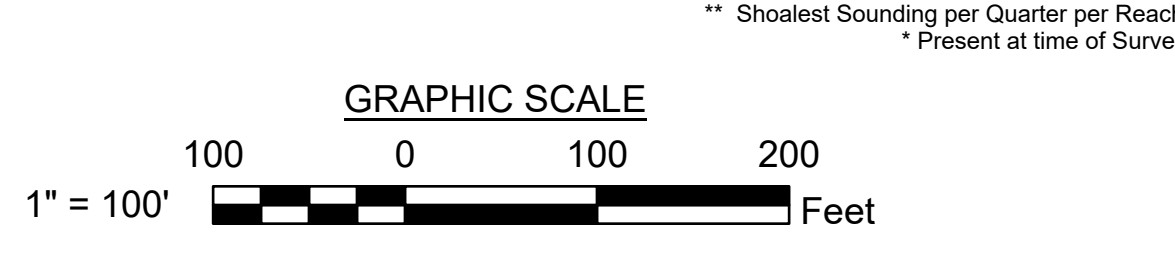


LEGEND

--- Federal Navigation Channel	✳ Fixed Navigation Aids
..... Cable or Pipeline area	! Red Navigation Buoy
--- Channel Center Line	! Green Navigation Buoy
— Contour Line	■ Shoaling Area
— Marine Infrastructure*	● Shoalest Sounding**



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: TBM 1 (1972)
 Software Used: Hypack
 Sounding Sort Distance: 20'
 Field Books: R&H 4983
 Survey No.: MA_32_GRE_20240208_AD_078
 Reference NOAA Chart No.: 13253

General Notes
 The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during February 2024. 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.

Water Level Information
 Tides were recorded using RTK GPS. The MLLW to NAVD88 correction for this project is a static correction of 5.32 feet. This correction was established in the vicinity of NOAA Bench Marks at Brant Rock, Green Harbor, Massachusetts (Station ID 9446009, 02/05/2004). NAVD88 is above MLLW, therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project.

Project Remarks
 Topographic Lidar data included with sounding data.

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.

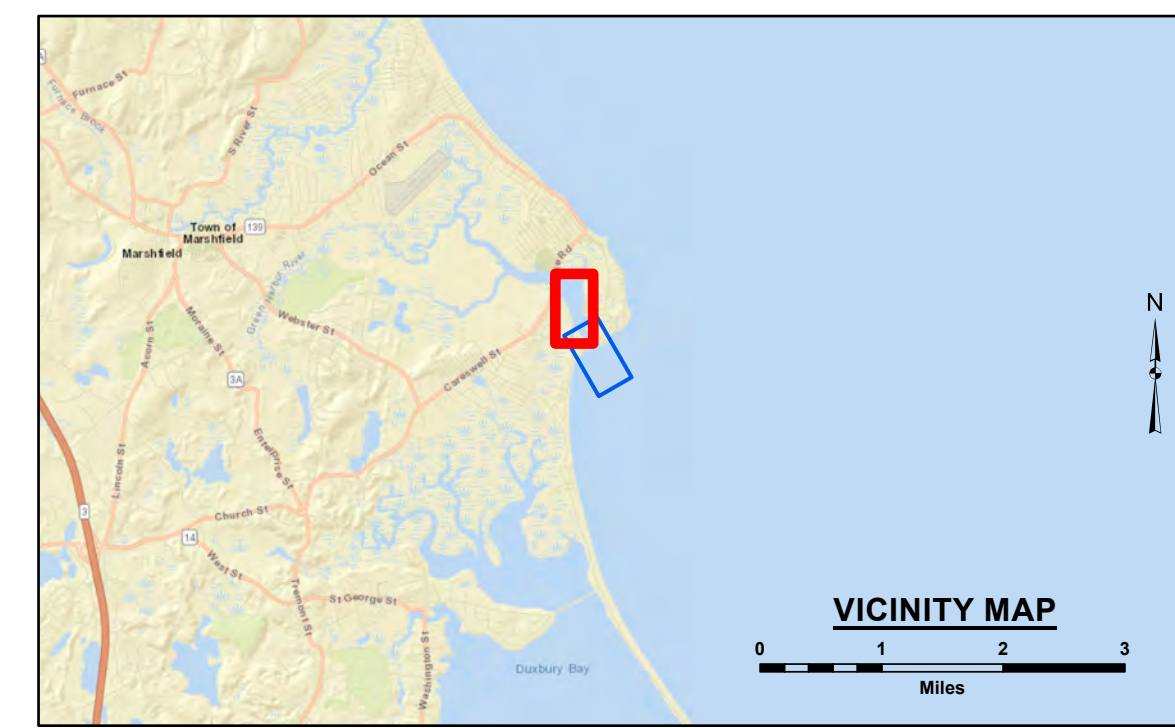
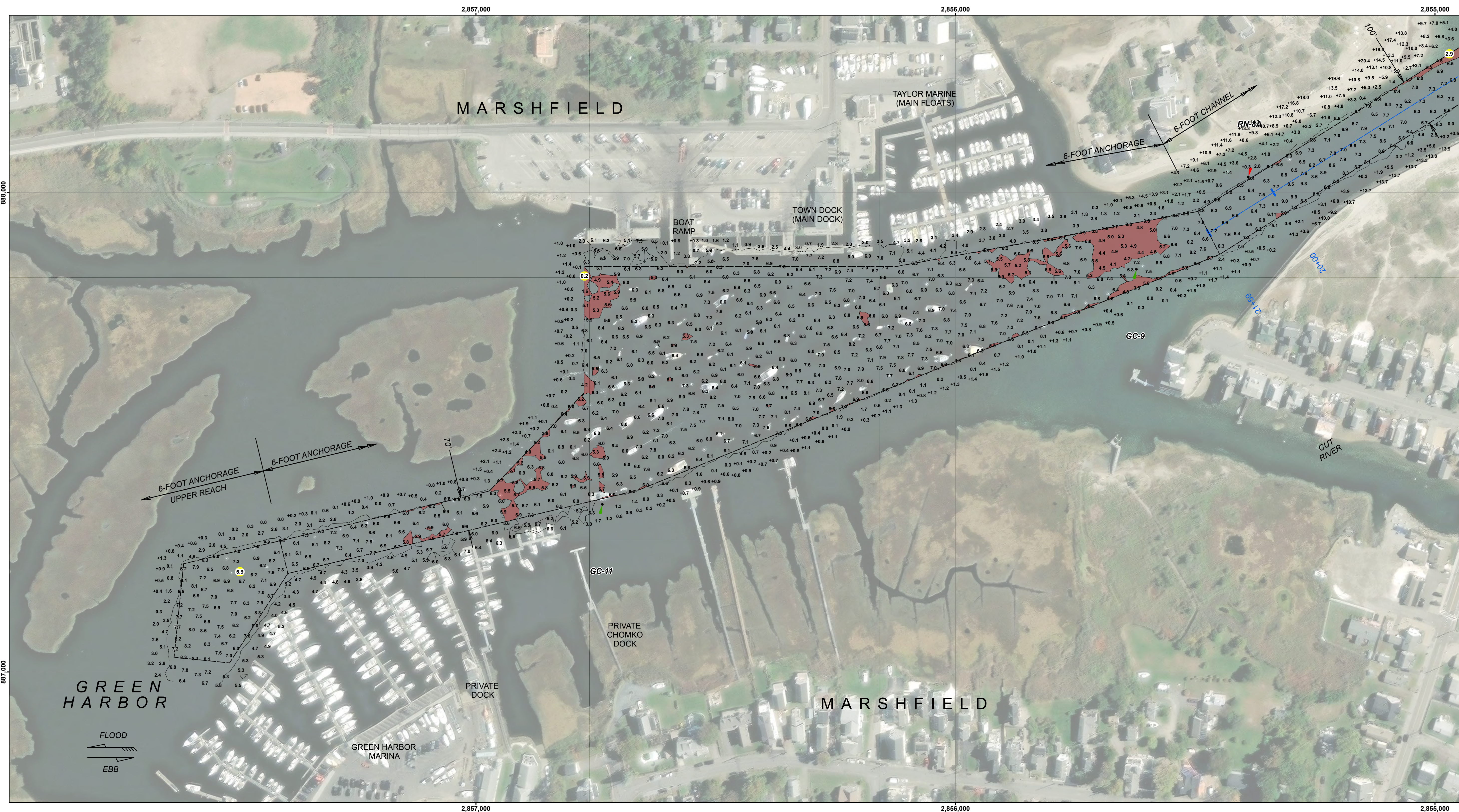


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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	
SUBMITTED BY: Zachary McAvoy	CHECKED BY: RD
APPROVED BY: NAE Survey	ISSUE DATE: 2/6/2024
MAP DOCUMENT: MA_32_GRE_20240208_AD_078	
FILE NAME: MA_32_GRE_20240208_AD_078	

**GREEN HARBOR
 MARSHFIELD, MASSACHUSETTS
 AFTER DREDGE SURVEY
 8 AND 6-FOOT CHANNELS
 6-FOOT ANCHORAGE AND
 6-FOOT TURNING BASIN**

SHEET IDENTIFICATION
 Green Harbor
 Sheet 1 of 2

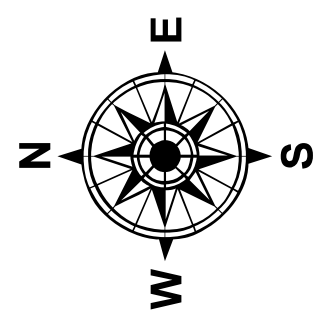


LEGEND

- Federal Navigation Channel
- Cable or Pipeline area
- Channel Center Line
- Contour Line
- Marine Infrastructure*
- * Fixed Navigation Aids
- ! Red Navigation Buoy
- ! Green Navigation Buoy
- Shoaling Area
- Shoalest Sounding**

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

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: KEGAN
 Sonar System: Reson T50 (Multibeam Sonar)
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Water Level Information
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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	
SUBMITTED BY: Zachary McEvoy	SURVEYED BY: NCD
APPROVED BY: NAE Survey	CHECKED BY: RD
MAP DOCUMENT: MA_32_GRE_20240208_AD_078	ISSUE DATE: 2/6/2024
SIZE: ANSI D	

**GREEN HARBOR
 MARSHFIELD, MASSACHUSETTS
 AFTER DREDGE SURVEY
 8 AND 6-FOOT CHANNELS
 6-FOOT ANCHORAGE AND
 6-FOOT TURNING BASIN**

File Name: MA_32_GRE_20240208_AD_078

**SHEET
 IDENTIFICATION**
 Green Harbor

Sheet 2 of 2