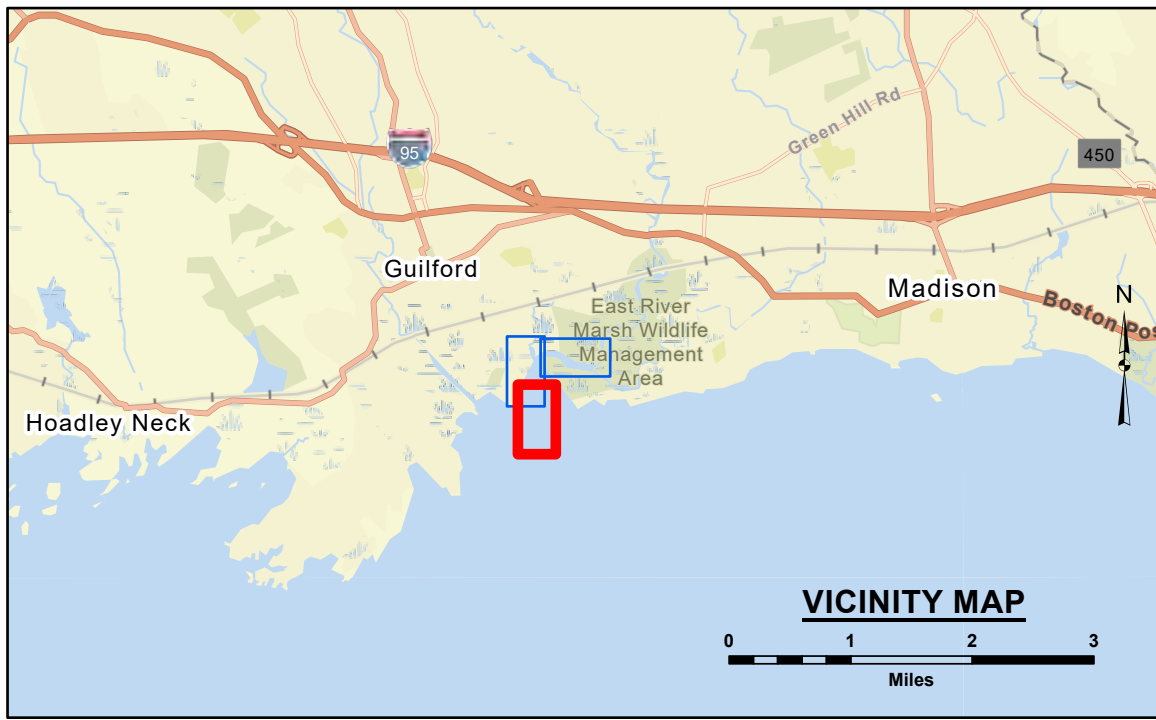
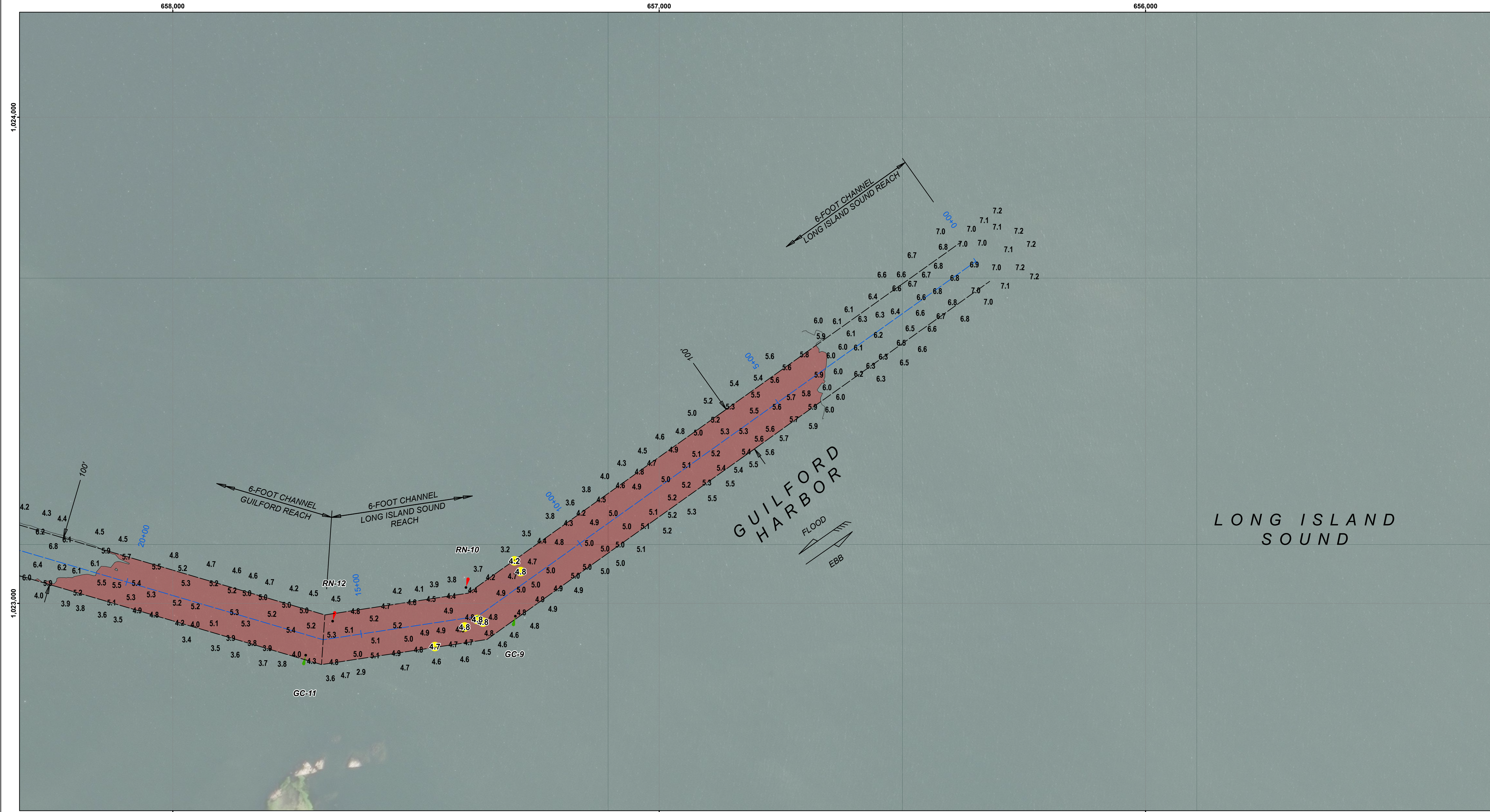




LEGEND

Federal Navigation Channel

.....

Cable or Pipeline Area

Channel Centerline

Contour Line

Marine Infrastructure*

✱

Fixed Navigation Aids

!

Red Navigation Buoy

!

Green Navigation Buoy

■

Shoaling Area

●

Shoalest Sounding**

1" = 100'

GRAPHIC SCALE

100 0 100 200 Feet

* Present during time of survey

** Shoalest Sounding per Quarter per Reach

Notes:
Horizontal Datum: Connecticut, CT-0600 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: CELESTIAL
Sonar System: R2 Sonic 2024 (Multibeam Sonar)
Sounding Frequency: 300 kHz
Survey Method: RTK GPS Tides
GPS_System: Applanix POS MV (RTK)
RTK Base Station: TBM RAMP (2010)
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4985
Survey No.: CT_16_GUL_20250820_CS_042
Reference NOAA Chart No.: USSCT1EN, USSCT1EO

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 August 2025. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery 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
Lidar data included with sounding data, lidar combined with soundings in high shoaling areas. A realignment was applied to the 6-foot channel Guilford reach since the last survey of this project. Marine infrastructures scanned in 2024 were present at the time of this survey.

Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Connecticut/Rhode Island Version 3.4. The correction in the project area is 3.11 feet. 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).

DISCLAIMER
The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, expressed or implied, concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the data. The user is responsible for the results of any use of the data. The Government makes no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient may not transfer, reproduce, or otherwise use these data to others without also transferring the Disclaimer.

U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT				
SUBMITTED BY: Zachary McAvoy	SURVEYED BY: AJO		ISSUE DATE: 8/27/2025	
	CHECKED BY: RD			
APPROVED BY: NAE Survey		MAP DOCUMENT CT_16_GUL_20250820_CS_042		
SIZE ANSI D				

**GUILFORD HARBOR
GUILFORD, CONNECTICUT
CONDITION SURVEY**

6-FOOT CHANNELS AND ANCHORAGE

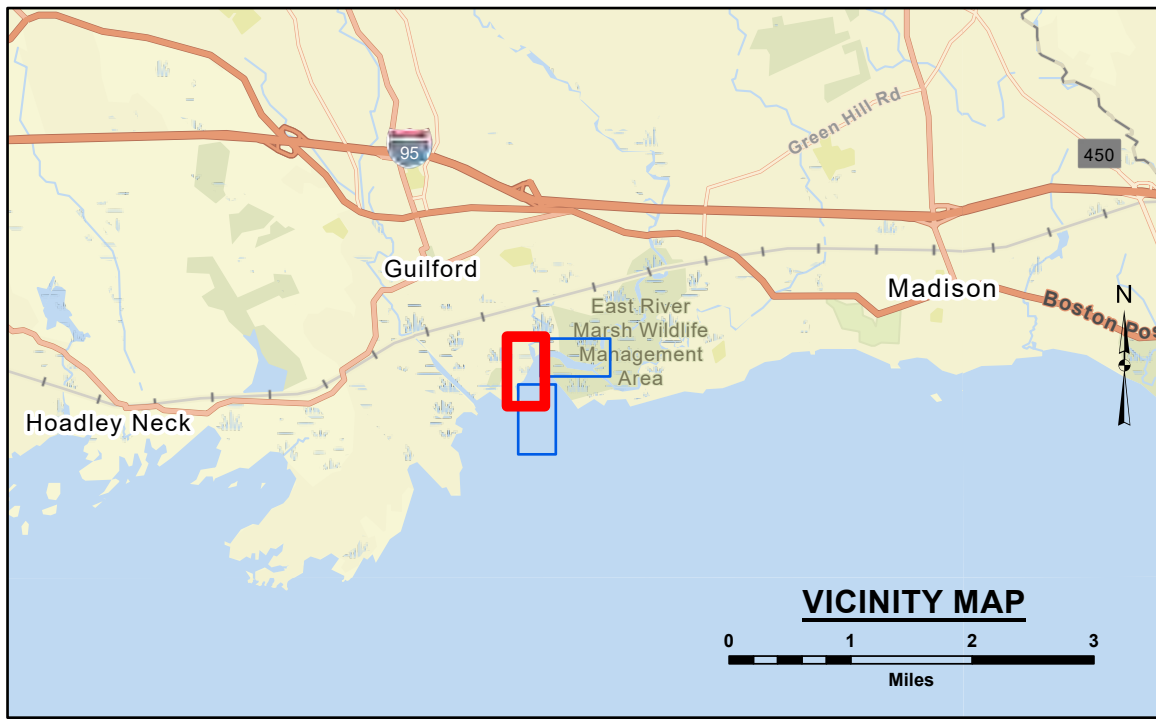
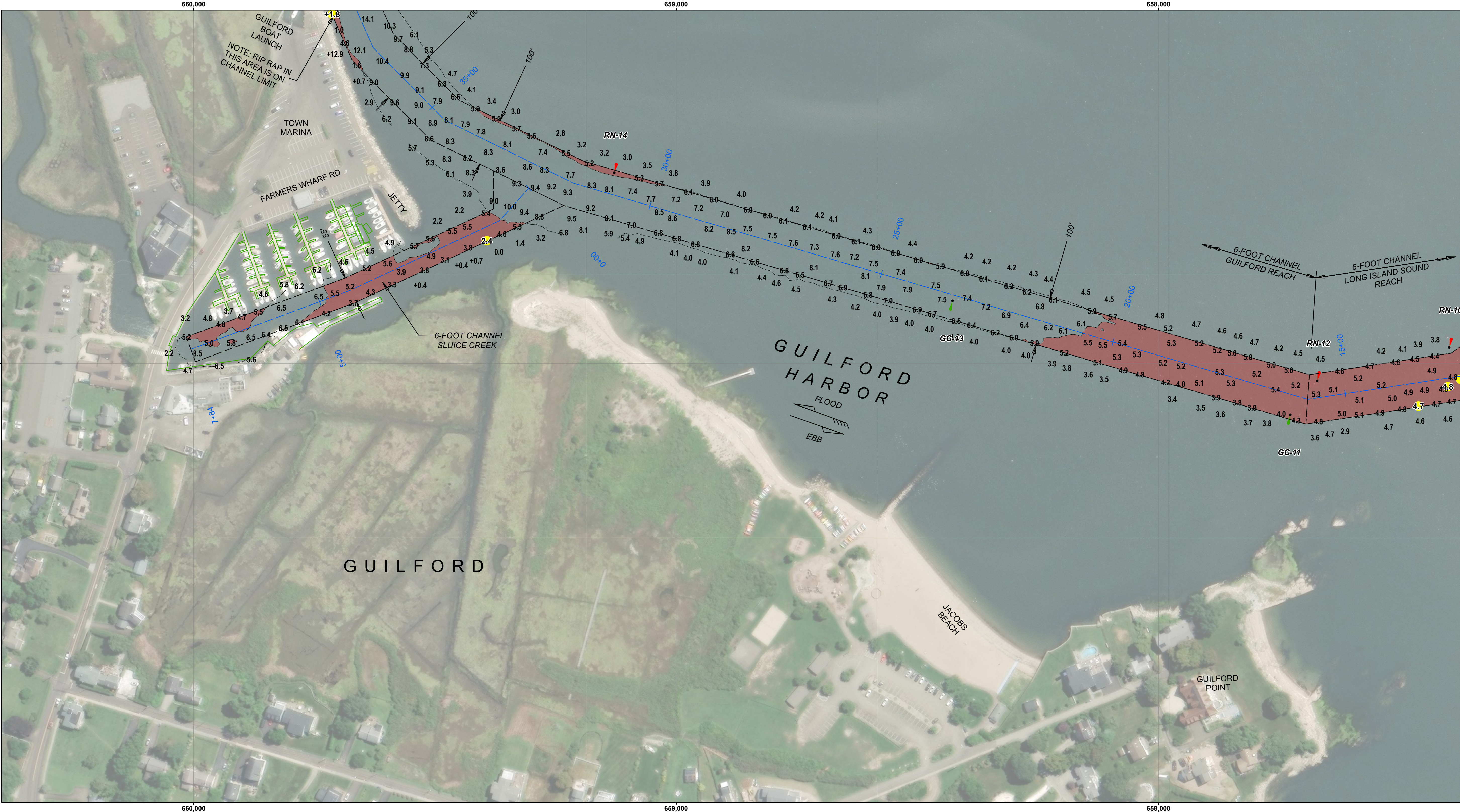
File Name: CT_16_GUL_20250820_CS_042

**SHEET
IDENTIFICATION**

Guilford Harbor

Sheet 1 of 3

Revision Number: 5.24.09.03-5.24.09.03



LEGEND

.....

Federal Navigation Channel

Cable or Pipeline Area

Channel Centerline

Contour Line

Marine Infrastructure*

✱

!

!

!

!

!

Fixed Navigation Aids

Red Navigation Buoy

Green Navigation Buoy

Shoaling Area

Shoalest Sounding**

100

0

100

200

1" = 100'

Feet

*

**

Present during time of survey

Shoalest Sounding per Quarter per Reach

Notes:
Horizontal Datum: Connecticut, CT-0600 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: CELESTIAL
Sonar System: R2 Sonic 2024 (Multibeam Sonar)
Sounding Frequency: 300 kHz
Survey Method: RTK GPS Tides
GPS System: Applanix POS MV (RTK)
RTK Base Station: TBM RAMP (2010)
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4985
Survey No.: CT_16_GUL_20250820_CS_042
Reference NOAA Chart No.: USSCT1EN, USSCT1EO

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 August 2025. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthomagey 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
Lidar data included with sounding data, lidar combined with soundings in high shoaling areas. A realignment was applied to the 6-foot channel Guilford reach since the last survey of this project. Marine infrastructures scanned in 2024 were present at the time of this survey.

Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Connecticut/Rhode Island Version 3.4. The correction in the project area is 3.11 feet. 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).

US Army Corps of Engineers
District: CENAE

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are not to be used for any purpose other than that for which they were provided. The recipient may not transfer these data to others without also transferring the Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any use of the data for purposes other than the intended purpose.

U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT				
SUBMITTED BY: Zachary McAvoy	SURVEYED BY: AJO		ISSUE DATE: 8/27/2025	
	CHECKED BY: RD			
APPROVED BY: NAE Survey		MAP DOCUMENT CT_16_GUL_20250820_CS_042		
SIZE A1SD				

**GUILFORD HARBOR
GUILFORD, CONNECTICUT
CONDITION SURVEY**

6-FOOT CHANNELS AND ANCHORAGE

File Name: CT_16_GUL_20250820_CS_042

**SHEET
IDENTIFICATION**

Guilford Harbor

Sheet 2 of 3

Revision Number: 5.24.09.03-5.24.09.03

