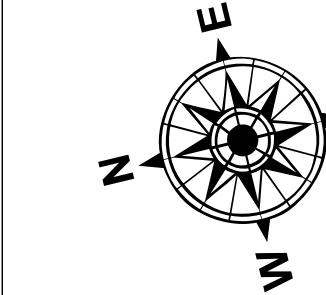


<u>LEGEND</u>	
--- Federal Navigation Channel	 Fixed Navigation
— Channel Center Line	 Red Navigation B.
..... Cable or Pipeline Area	 Green Navigation
— Contour Line	
— Marine Infrastructure*	 Shoaling Area
— Non-USACE Maintained	 Shoalest Sound

\*\* Shoalest Sounding per Qua  
\* Present at



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: Trimble SPS 855 (RTK)  
RTK Base Station: Sta. Pleasure Island (2016)  
Software Used: Hypack  
Sounding Sort Distance: 40'  
Field Books: R&H 4532  
Survey No.: CT\_26\_BRH\_20200709\_CS\_033  
Reference NOAA Chart No : 12369

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 July 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. 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  
Marine infrastructure surveyed with Lidar

Water Level Information

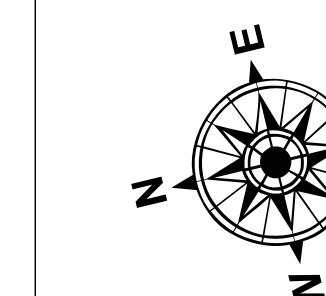
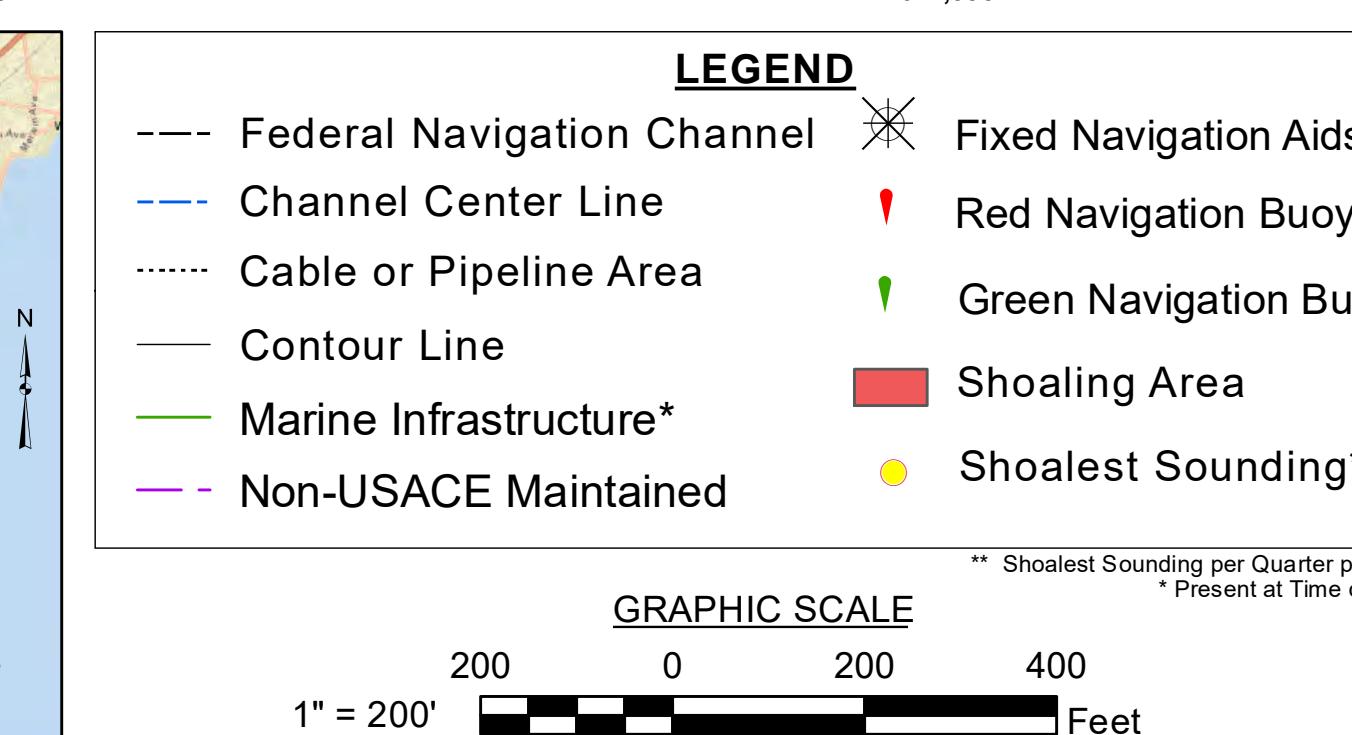
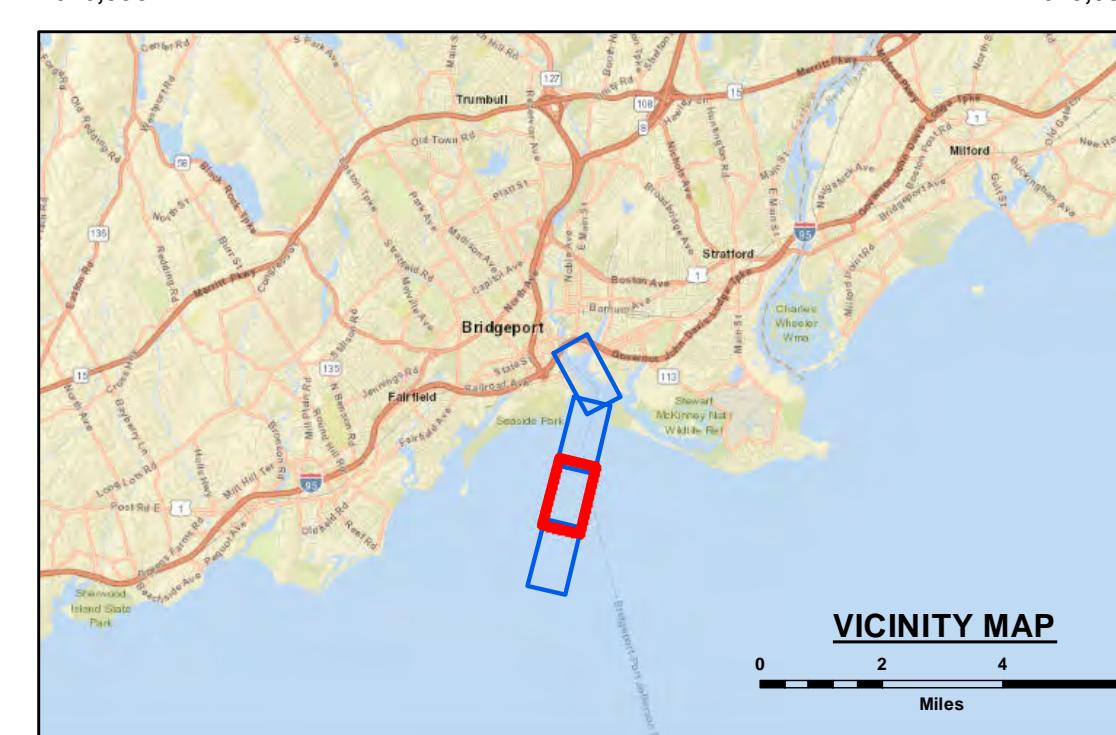
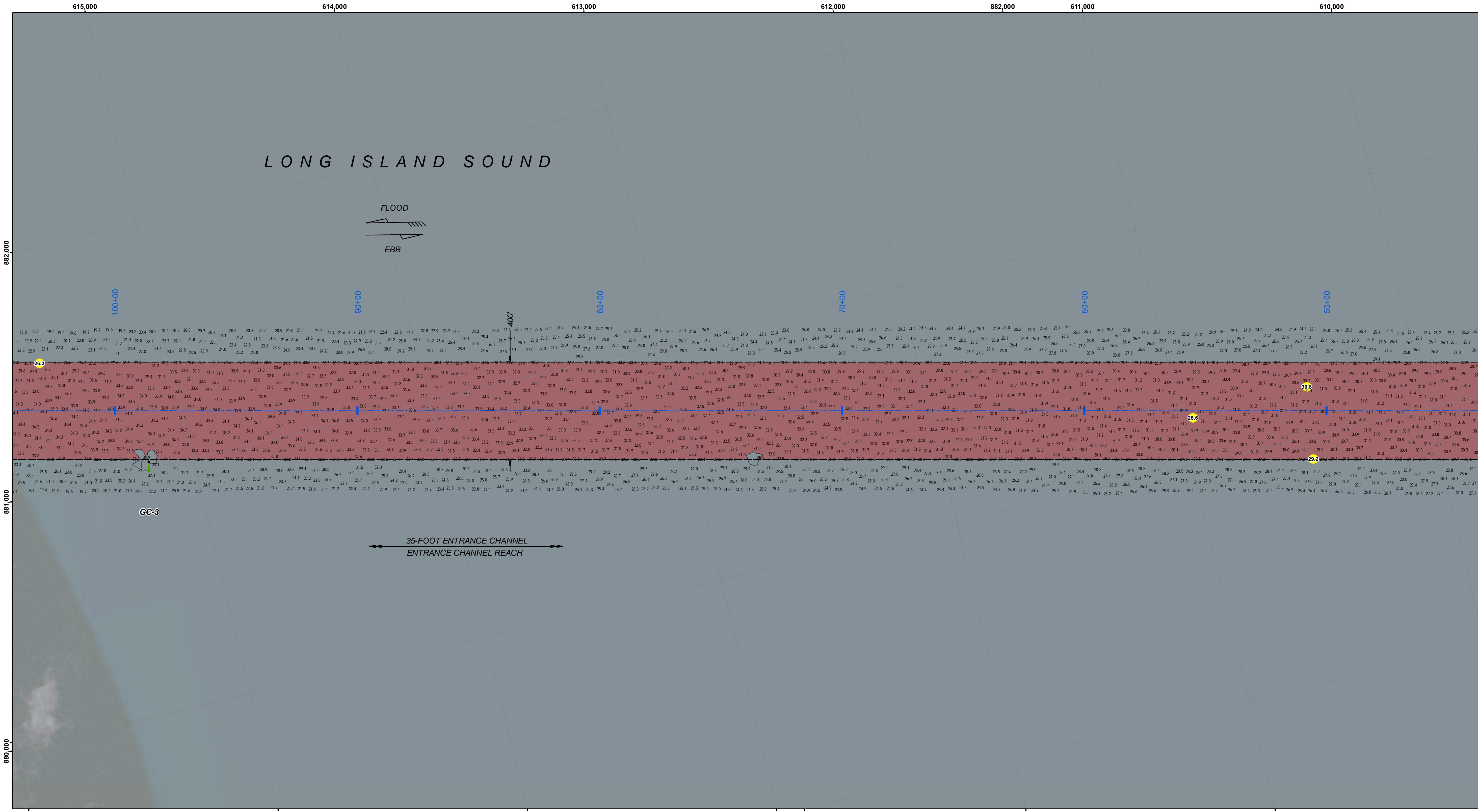
Tides were recorded using RTK GPS. The MLLW to NAVD88 correction for this project is 3.83'. This correction is referenced from NOAA's V-Datum Model Version 3.9, NY/CT/RI Region Version 2.2, in the vicinity of Bridgeport Harbor, Bridgeport, Connecticut. NAVD88 is above MLLW; therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project. The average range of tide is 6.7 feet.

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**BRIDGEPORT HARBOR  
BRIDGEPORT, CONNECTICUT  
CONDITION SURVEY**

**35-FOOT CHANNEL,  
18 AND 25-FOOT ANCHORAGES,  
35-FOOT TURNING BASIN**

## **SHEET IDENTIFICATION**



Project Remarks

Marine infrastructure surveyed with Lidar.

**General Notes**

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**Water Level Information**

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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.

SURVEYED BY:	MNA
CHECKED BY:	ZSM
ISSUE DATE:	8/19/2020

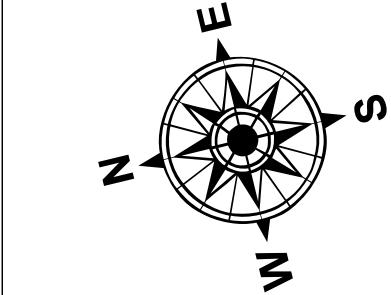
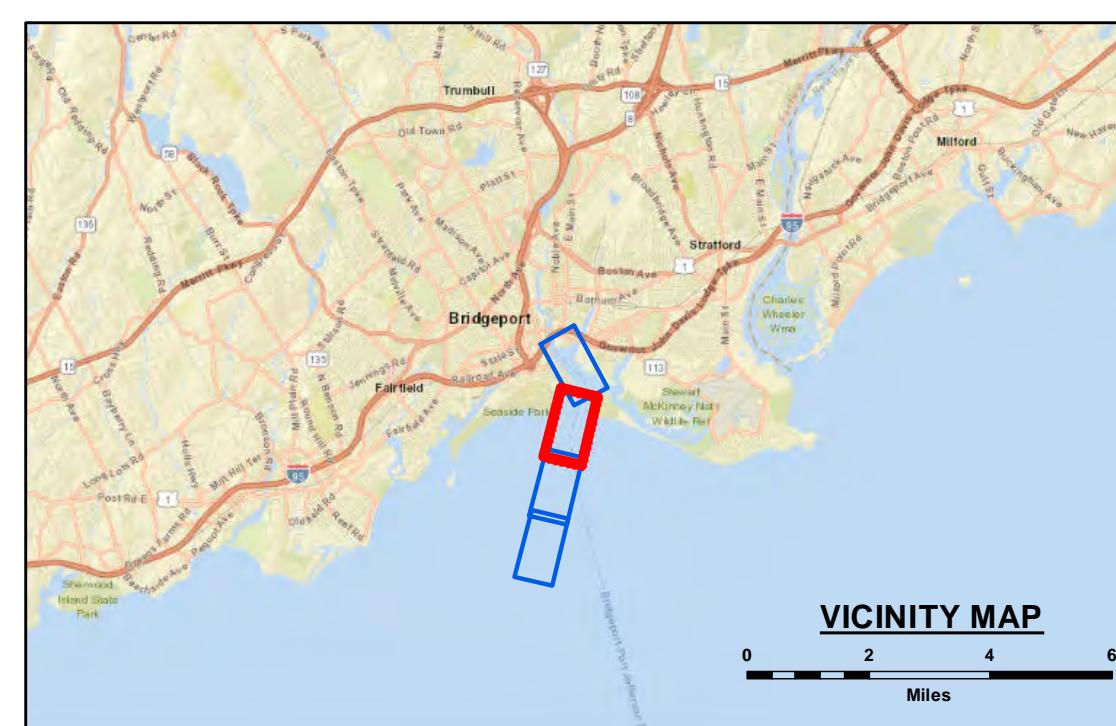
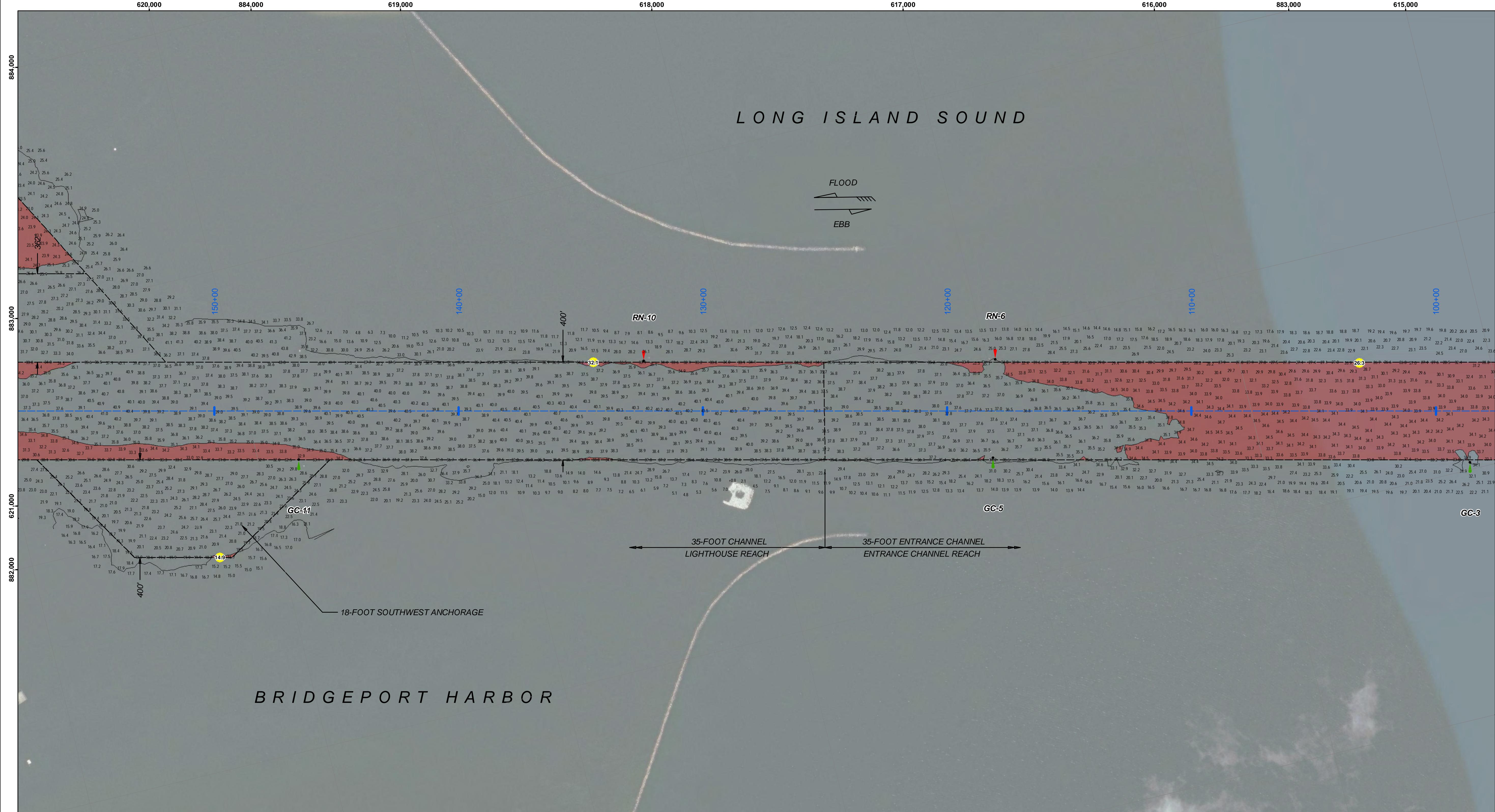
BRIDGEPORT HARBOR CONDITION SURVEY
35-FOOT CHANNEL, 18 AND 25-FOOT ANCHORAGES, 35-FOOT TURNING BASIN
File Name: CT_26_BRH_20200709_CS_033

SHEET IDENTIFICATION Bridgeport Harbor
Sheet 2 of 4

Distribution Liability: The data represents the results of data collection processing for a specific US Army Corps of Engineers active and indicates the general existing conditions. The data is provided for use by authorized personnel only. The user is responsible for the results of any use of this data for other than its intended purpose.

DISCLAIMER: The United States Government furnishes these data as another recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied, regarding the accuracy, reliability, or completeness of the data furnished. The United States shall be under no liability whatsoever to any person or entity as a result of their use of this data. The recipient of this data agrees to indemnify and hold the US Government harmless from any claims or damages resulting from their use of this data. The recipient also agrees to transfer this data to others without also transferring this Disclaimer.

US Army Corps  
of Engineers  
District: CENAE



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LEO

- The legend is located in the top right corner of the map. It contains seven entries, each with a colored line or symbol followed by a description. The entries are: "Federal Navigation Channel" (black dashed line), "Channel Center Line" (blue dashed line), "Cable or Pipeline Area" (grey dotted line), "Contour Line" (black solid line), "Marine Infrastructure\*" (green solid line), "Non-USACE Maintained" (purple dash-dot line), "Fixed Navigation Aids" (cross symbol), "Red Navigation Buoy" (red triangle), "Green Navigation Buoy" (green triangle), "Shoaling Area" (red square), and "Shoalest Sounding" (yellow circle).

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## GRAPHIC SCALE

## GRAPHIC SCALE

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  
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GPS\_System: Trimble SPS 855 (RTK)  
RTK Base Station: Sta. Pleasure Island (2016)  
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Sounding Sort Distance: 40'  
Field Books: R&H 4532  
Survey No.: CT\_26\_BRH\_20200709\_CS\_033  
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#### Project Remarks

Water Level Information

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**SHEET  
IDENTIFICATION**

Chapter 6

