



LEGEND

- Federal Navigation Channel
- Channel Center Line
- Cable or Pipeline Area
- Contour Line
- Marine Infrastructure*
- ✕ Fixed Navigation Aids
- ⊗ Obstruction Point*
- 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: 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: 20'
 Field Books: R&H 4532
 Survey No.: CT_26_BRH_20200812_CS_034
 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 August 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. Orthomimagery 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 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, Yellow Mill River, 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.



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SURVEYED BY: MAY		CHECKED BY: ZSM		ISSUE DATE: 8/23/2020	
SUBMITTED BY: Zachary McAvoy		APPROVED BY: NAE Survey		MAP DOCUMENT: CT_27_BRH_20200812_CS_034	
U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT		SIZE: A3SID		SHEET IDENTIFICATION: BRIDGEPORT HARBOR PEQUONNOCK RIVER BRIDGEPORT, CONNECTICUT CONDITION SURVEY	

**BRIDGEPORT HARBOR
 PEQUONNOCK RIVER
 BRIDGEPORT, CONNECTICUT
 CONDITION SURVEY**

18-FOOT CHANNEL

SHEET IDENTIFICATION
 Bridgeport Harbor
 Pequonnock River
 Sheet 1 of 1

File Name: CT_27_BRH_20200812_CS_034
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