

LEGEND

Federal Navigation Channel

Channel Center Line

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Cable/Pipe Area

—

Contour Line

✕

Fixed Navigation Aids

●

Red Navigation Buoy

●

Green Navigation Buoy

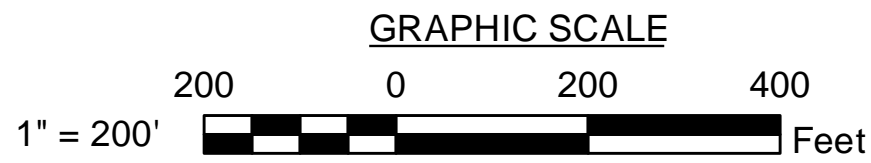
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Shoaling Area

●

Shoalest Sounding**

** 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: Trimble SPS 855 (RTK)
RTK Base Station: TBM STATE 2 (2019)
Software Used: Hypack
Sounding Sort Distance: 40'
Field Books: R&H 4468
Survey No.: NLH-CS-2019_038
Reference NOAA Chart No.: 12372 & 13213

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 May 2019. 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

Project Remarks
None

Water Level Information
The MLLW to NAVD88 corrections for this project range from 1.84 feet to 1.86 feet. These corrections are referenced from NOAA's V-Datum Model Version 3.9, NAVCTRI Region Version 2.2, in the vicinity of New London Harbor, New London and Groton, 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.

US Army Corps
of Engineers
District: CENAE

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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	SUBMITTED BY: William Walker	CHECKED BY:	ISSUE DATE: 10/30/2019
	APPROVED BY: NAE Survey		
	SIZE: ANSI D	MAP DOCUMENT CT 03_NLH_20190514_CS_2019_038	

NEW LONDON HARBOR
AND GROTON, CONNECTICUT
CONDITION SURVEY

15, 23, 36 AND 40-FOOT CHANNELS, 23 AND 40-FOOT ANCHORAGES, 15-FOOT BASIN
AND 23-FOOT MANEUVERING AREA

File Name: CT_03_NLH_20190514_CS_2019_038

SHEET
IDENTIFICATION

New London Harbor

