







LEGEND

--- Federal Navigation Channel

--- Channel Center Line

..... Cable Submarine

— Contour Line

⊗ Obstruction Point

⊗ Fixed Navigation Aids

▲ Red Navigation Buoy

▲ Green Navigation Buoy

■ Shoaling Area

● Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach

GRAPHIC SCALE

1" = 100'

100 0 100 200 Feet

Notes:

Horizontal Datum: Rhode Island, RI-3800

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: Smartnet Max

Software Used: Hypack

Sounding Sort Distance: 20'

Field Books: R&H 5082

Survey No.: WIC_CS_2018_087

Reference NOAA Chart No.: 13223

General Notes

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

Project Remarks

None

Water Level Information

Tides were recorded using RTK GPS. The MLLW to NAVD88 correction used for this project is 2.36 feet. This correction is referenced from NOAA's V-Datum Model Version 3.9, NY/CT/RI Region Version 2.2, in the vicinity of Wickford Harbor, Rhode Island. 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 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.

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: NAE Survey

APPROVED BY: WHW

ISSUE DATE: 4/3/2019

MAP DOCUMENT: RL14_WIC_20180125_CS_2018_087

SIZE: A1S1D

WICKFORD HARBOR MILL & WICKFORD COVES WICKFORD, RHODE ISLAND CONDITION SURVEY 9 AND 12-FOOT CHANNELS 6-FOOT ANCHORAGE

File Name: RL14_WIC_20180125_CS_2018_087

SHEET IDENTIFICATION

Wickford Harbor

Sheet 3 of 3