



LEGEND

--- Federal Navigation Channel

..... Cable or Pipeline area

- - - Channel Center Line

— Marine Infrastructure*

— Contour Line

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 Hydrographic 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: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 20'
Field Books: R&H 3845
Survey No.: CT_39_HAY_20210113_CS_003
Reference NOAA Chart No.: 13212

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 January 2021. 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 sounding information than shown.

Project Remarks
None

Water Level Information
Tides were recorded using RTK GPS. The MLLW to NAVD88 correction used for this project 1.76 feet. This correction is referenced from NOAA's V-Datum Model Version 4.1, NY/CT Region Version 3.4, in the vicinity of Hay (West) Harbor, Fishers Island, NY. NAVD88 is above MLLW; therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project.

DISCLAIMER
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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	SURVEYED BY: MJV	CHECKED BY: ZSM	ISSUE DATE: 1/26/2021
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SIZE A1/S1D			

**HAY (WEST) HARBOR
FISHERS ISLAND, NEW YORK
CONDITION SURVEY**

14-FOOT CHANNEL

File Name: CT_39_HAY_20210113_CS_003

**SHEET
IDENTIFICATION**
Hay West Harbor,
New York
Sheet 1 of 1

Revision Number: 4.1-20191105