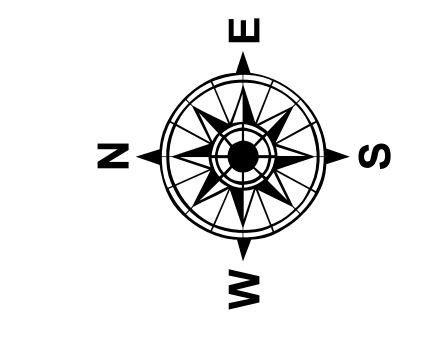


LEGEND

- 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'



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

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. Orthomagnety 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.



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SURVEYED BY: MAV		CHECKED BY: ZSM		ISSUE DATE: 12/20/21	
SUBMITTED BY: Zachary McAvoy		APPROVED BY: NAE Survey		NAVD DOCUMENT: CT_39_HAY_20210113_CS_003	
U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT		SIZE: A3SID			

**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