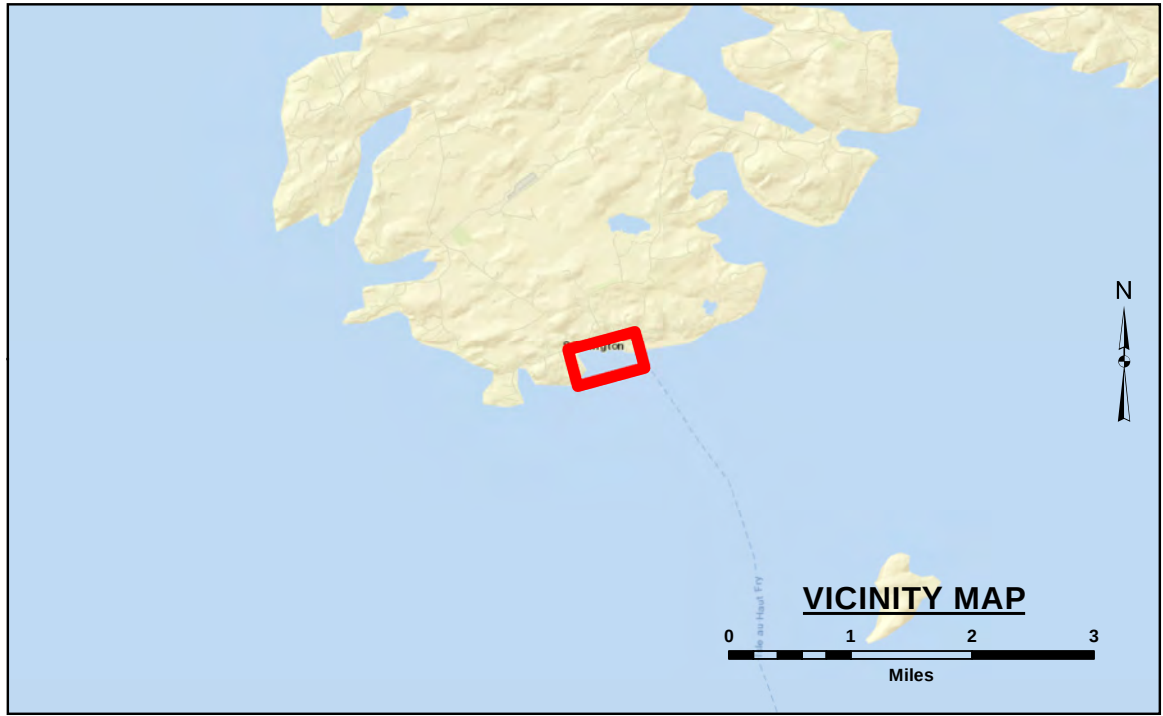
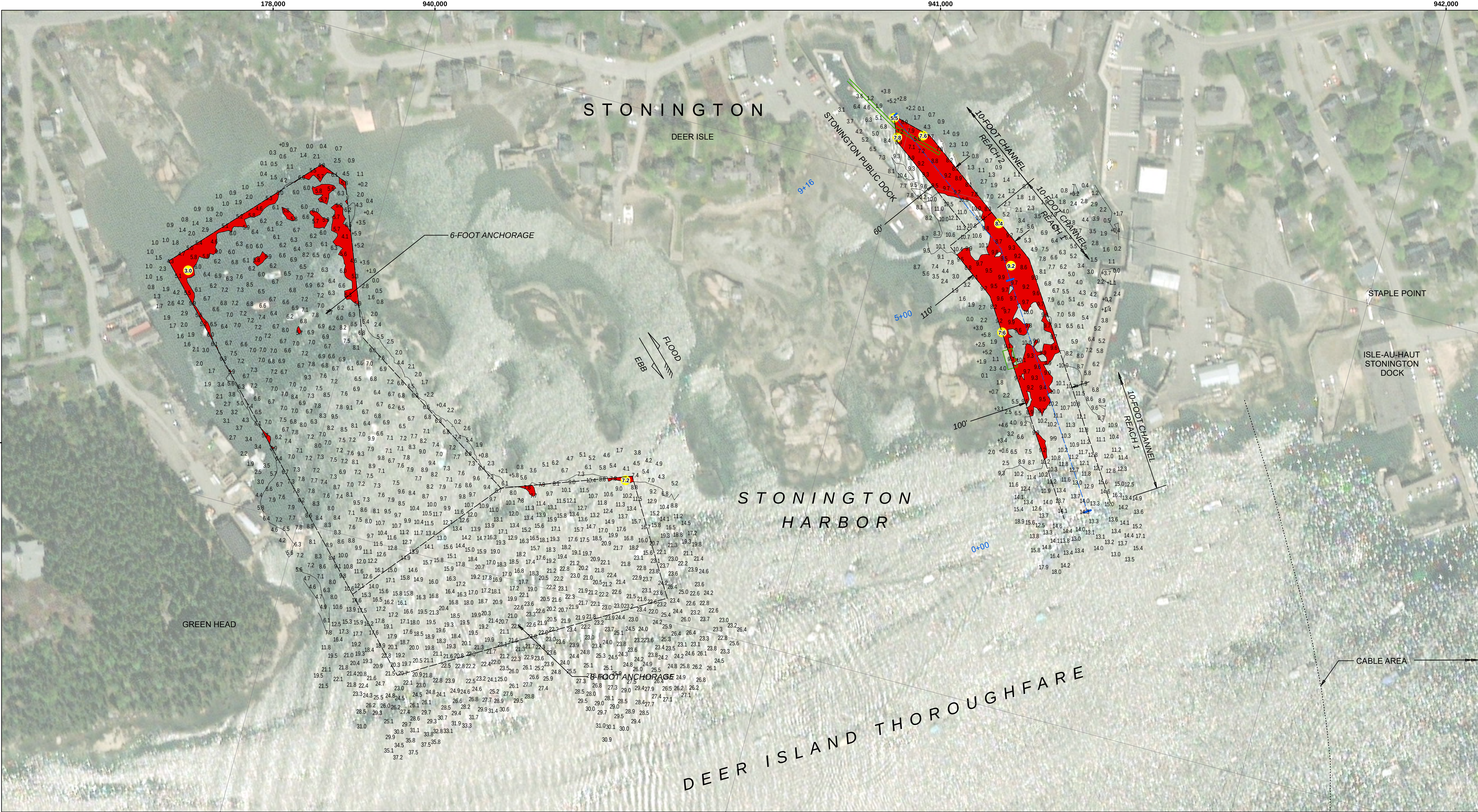




LEGEND

Channel Center Line

.....

Cable or Pipeline Area

—

Contour Line

—

Marine Infrastructure*

⊗

Obstruction Point

⊗

Fixed Navigation Aids

●

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: Maine East, ME-1801 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 Imax
Software Used: Hypack
Sounding Sort Distance: 20'
Field Books: R&H 4394
Survey No.: ME_23_SHM_20211007_CS_043
Reference NOAA Chart No.: 13315

General Notes

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

Water Level Information

Tides were recorded using RTK GPS. The MLLW to NAVD88 correction for this project is 5.57 feet. This referenced from NOAA's V-Datum Model Version 4.1, ME/NH/MA region Version 2.3 in the vicinity of Stonington Harbor, Stonington, Maine. 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 average range of tide is 9.7 feet.

Project Remarks

Marine infrastructure surveyed with Lidar.

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

DISCLAIMERS

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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	SURVEYED BY: MAV	CHECKED BY: ZSM	ISSUE DATE: 10/26/2021
	SUBMITTED BY: Zachary McAvoy	APPROVED BY: NAE Survey	MAP DOCUMENT: ME_23_SHM_20211007_CS_043
	SIZE: A1S1D		

STONINGTON HARBOR
STONINGTON, MAINE
CONDITION SURVEY

10-FOOT CHANNEL
6 AND 8-FOOT ANCHORAGES

File Name: ME_23_SHM_20211007_CS_043

SHEET IDENTIFICATION

Stonington Harbor

Sheet 1 of 1