

175,000 936,000

937,000

176,000

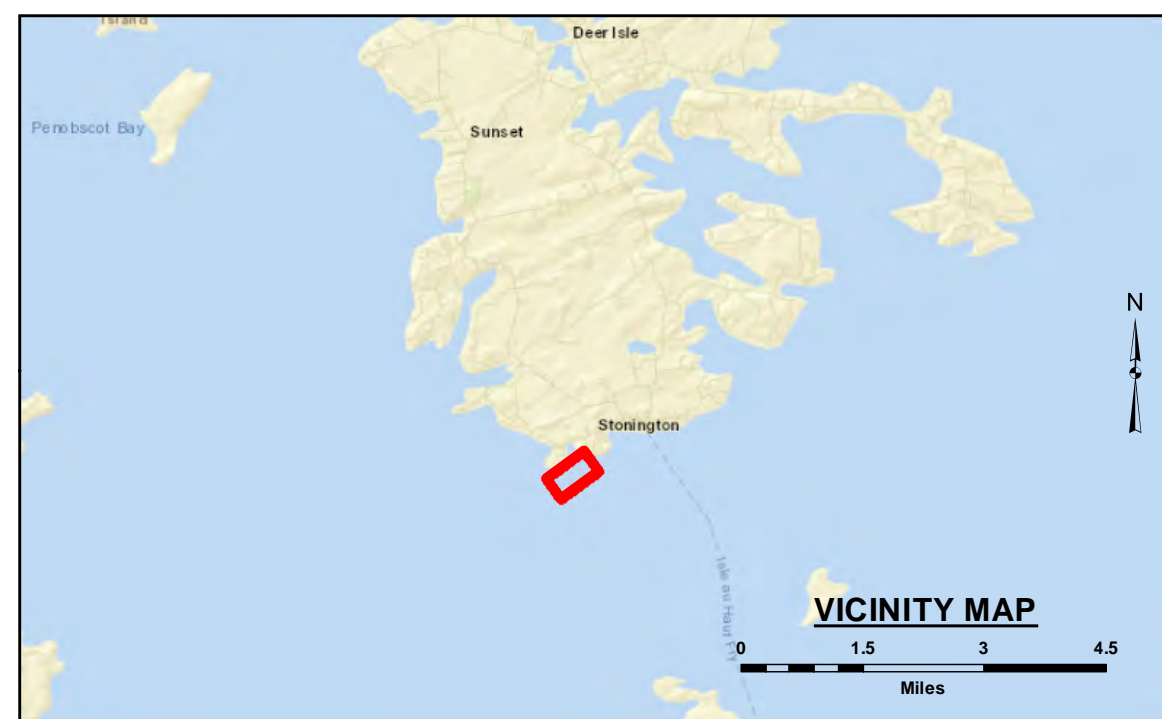
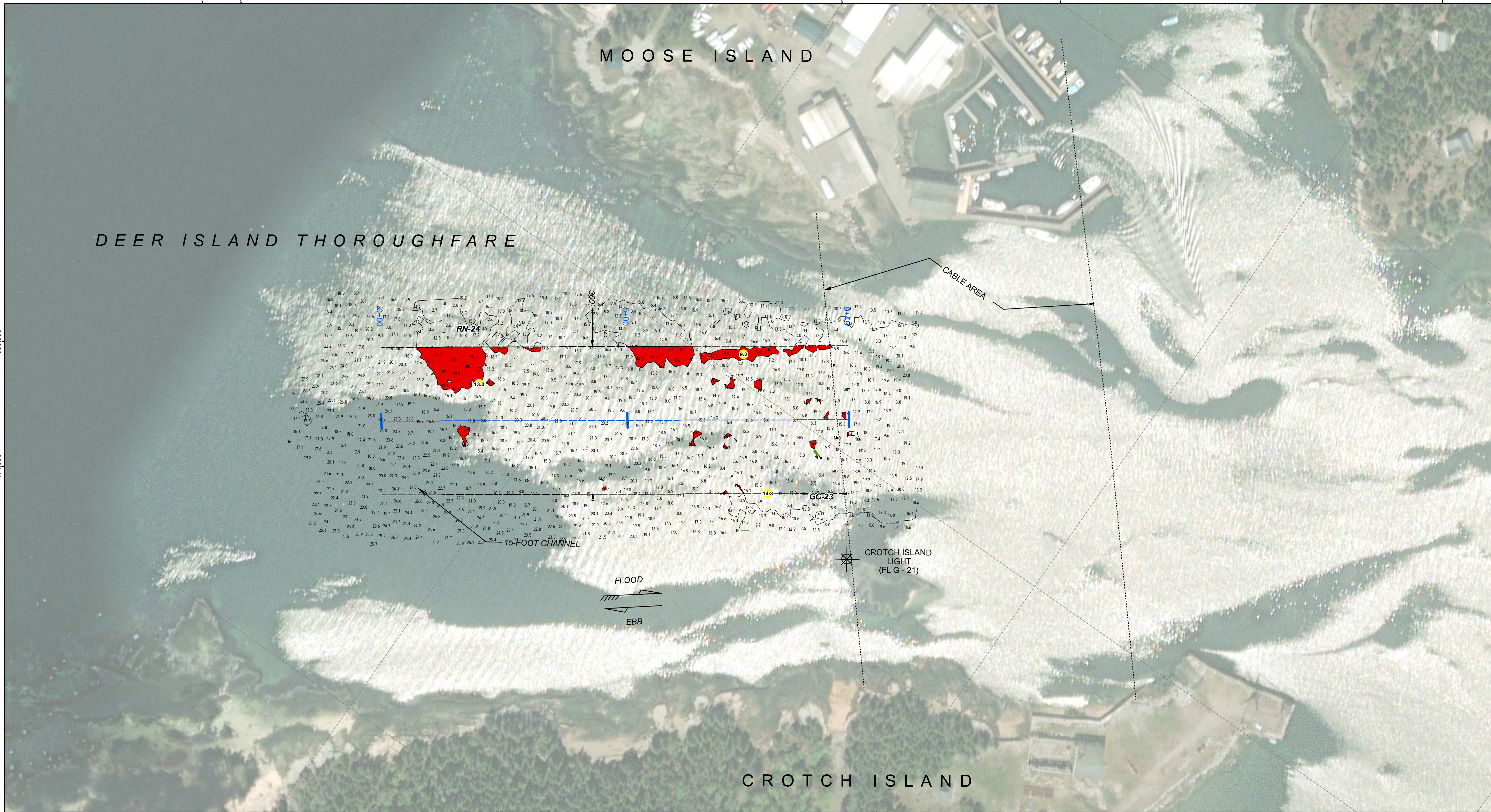
938,000

936,000

174,000

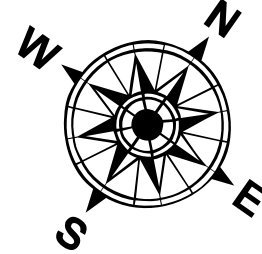
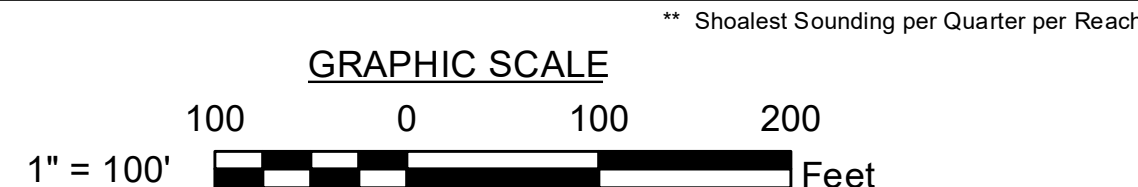
176,000

939,000



LEGEND

--- Federal Navigation Channel	⊗ Fixed Navigation Aids
--- Channel Center Line	● Red Navigation Buoy
..... Cable or Pipeline Area	● Green Navigation Buoy
— Contour Line	■ Shoaling Area
⊗ Obstruction Point	● Shoalest Sounding**



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_22_DEE_20211007_CS_044
 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. Orthomogony 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 Deer Island Thoroughfare, Stoughton, 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
 None.



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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	
SUBMITTED BY: Zachary McAvoy	SURVEYED BY: MAV
APPROVED BY: NAE Survey	CHECKED BY: ZSM
NAE DOCUMENT ME_22_DEE_20211007_CS_044	ISSUE DATE: 10/27/2021
SIZE A3SID	

**DEER ISLAND THOROUGHFARE
 MAINE
 CONDITION SURVEY
 15-FOOT CHANNEL**

File Name: ME_22_DEE_20211007_CS_044

SHEET IDENTIFICATION
 Deer Island Thoroughfare
 Sheet 1 of 1