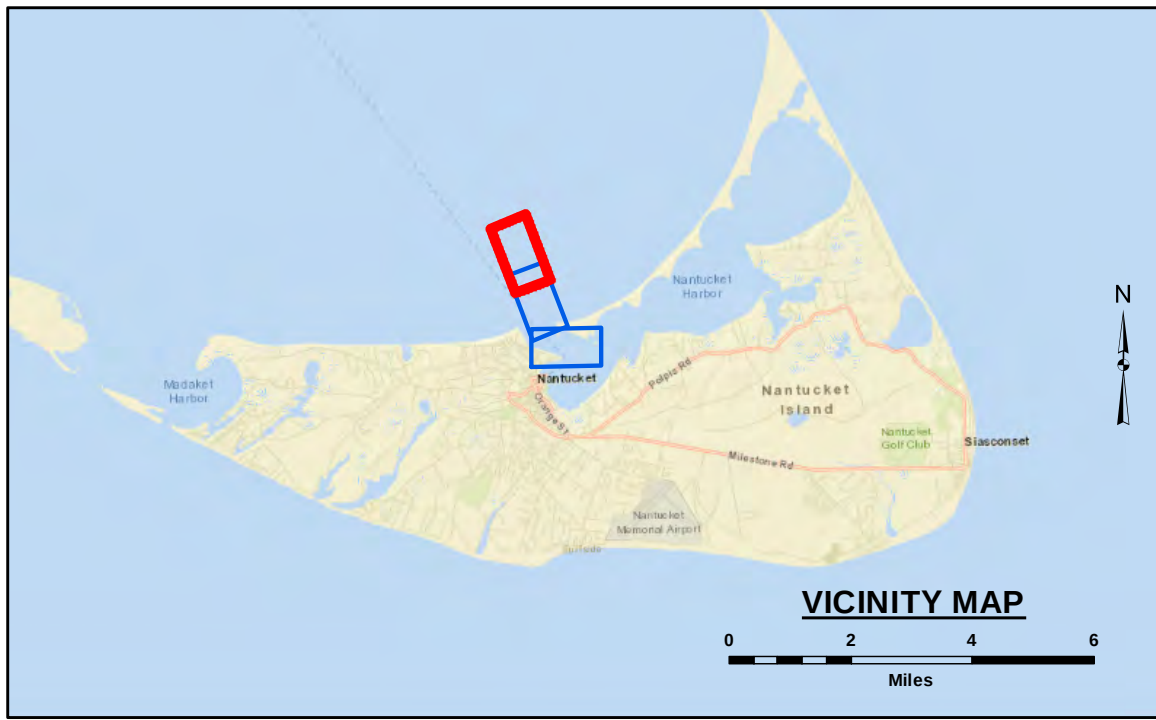
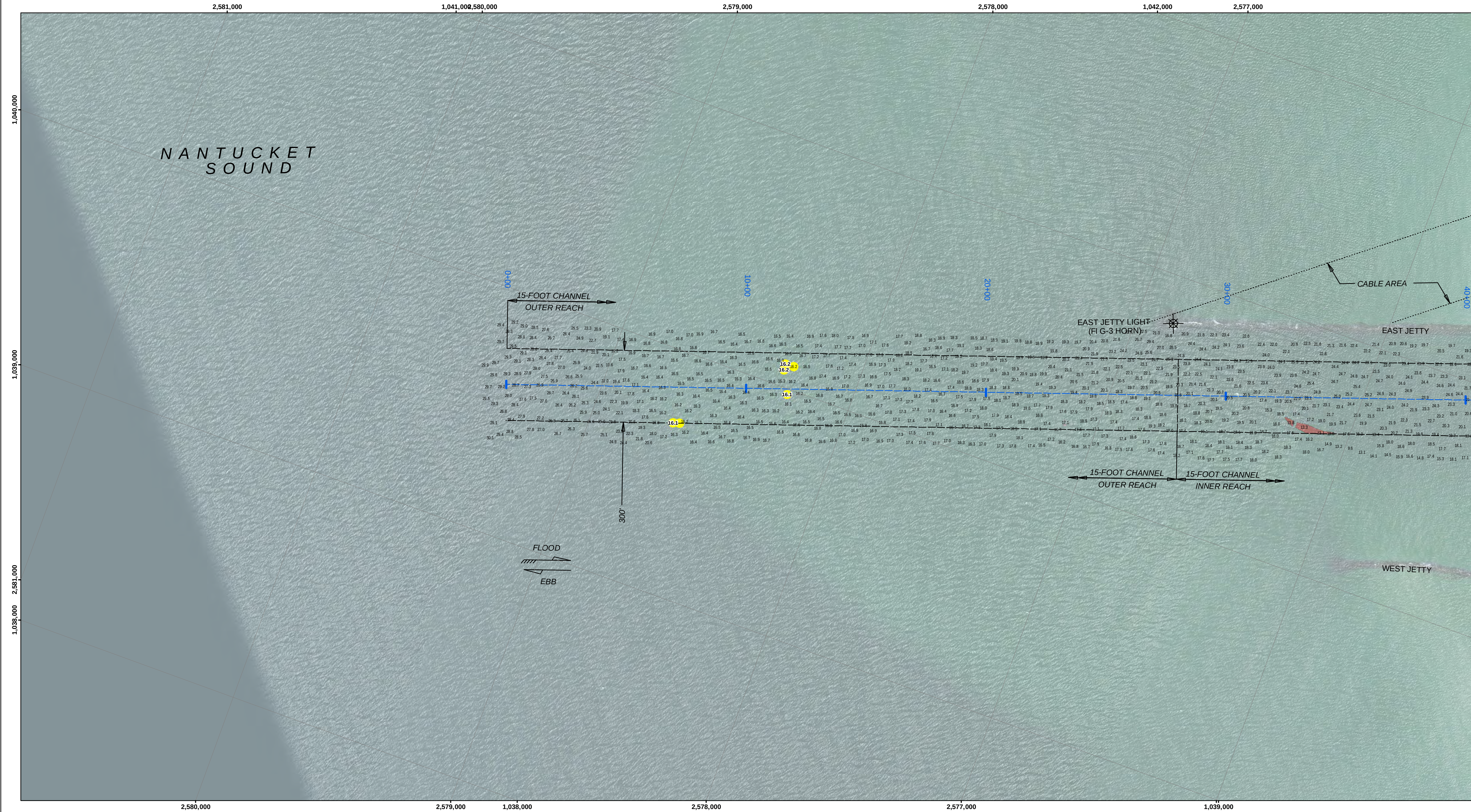




LEGEND

Federal Navigation Channel

Channel Center Line

.....

Cable/Pipeline Area

Contour Line

Marine Infrastructure *

Proposed Channel Limit

Not Official

✕

Fixed Navigation Aids

📍

Red Navigation Buoy

📍

Green Navigation Buoy

📍

Junction Buoy

🔴

Shoaling Area

🟡

Shoalest Sounding**

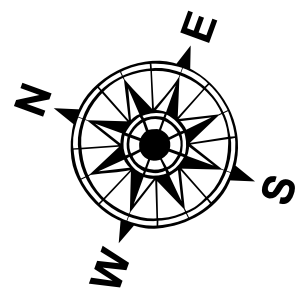
GRAPHIC SCALE

1" = 200'

200 0 200 400 Feet

Notes:

** Shoalest Sounding per Quarter per Reach
* Present at Time of Hydrographic Survey



Notes:
Horizontal Datum: Mass Island, MA-2002 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: Station 9130 H (1976)
Software Used: Hypack
Sounding Sort Distance: 40'
Field Books: R&H 4287
Survey No.: MA_45_NAN_20210513_CS_021
Reference NOAA Chart No.: Reference_NOAA_Chart

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 May 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. Orthohmagery 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
Lidar data included with sounding data.

Water Level Information
Tides were recorded using RTK GPS. The MLLW to NAVD88 corrections for this project range from 2.06 feet to 2.19 feet. These corrections are referenced from NOAA's V-Datum Model Version 4.1, MENH/MA region Version 2.3, in the vicinity of Nantucket, Nantucket Island, Massachusetts. 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
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally collected. The use of the data for any other purpose is at the user's risk. The user is responsible for the results of any application of the data for any other than its intended purpose. The data are not to be used for any purpose other than that for which they were originally collected. The use of the data for any other purpose is at the user's risk. The user is responsible for the results of any application of the data for any other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT			
SUBMITTED BY: Zachary McAvoy		SURVEYED BY: MJV	
APPROVED BY: NAE Survey		CHECKED BY: ZSM	
SIZE: ANSI D	MAP DOCUMENT: MA_45_NAN_20210513_CS_021		ISSUE DATE: 09/2021

**NANTUCKET HARBOR
(HARBOR OF REFUGE)
NANTUCKET, MASSACHUSETTS
CONDITION SURVEY**

15-FOOT CHANNEL

File Name: MA_45_NAN_20210513_CS_021

**SHEET
IDENTIFICATION**
Nantucket Harbor

Sheet 1 of 3

