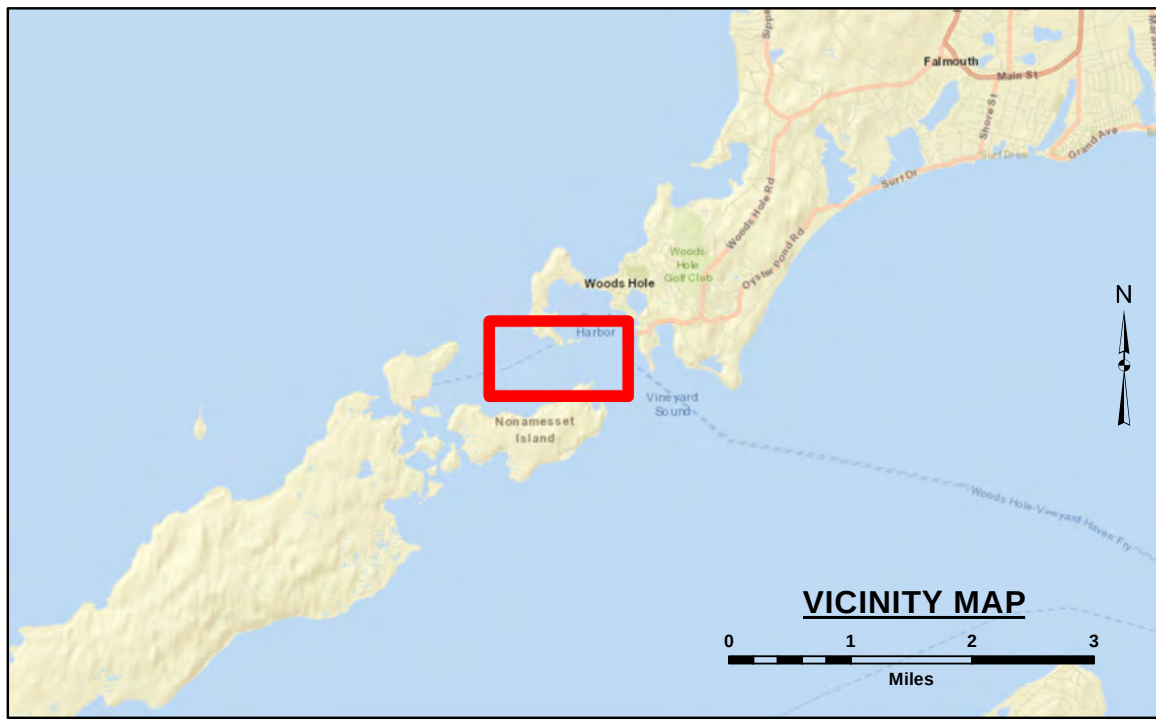
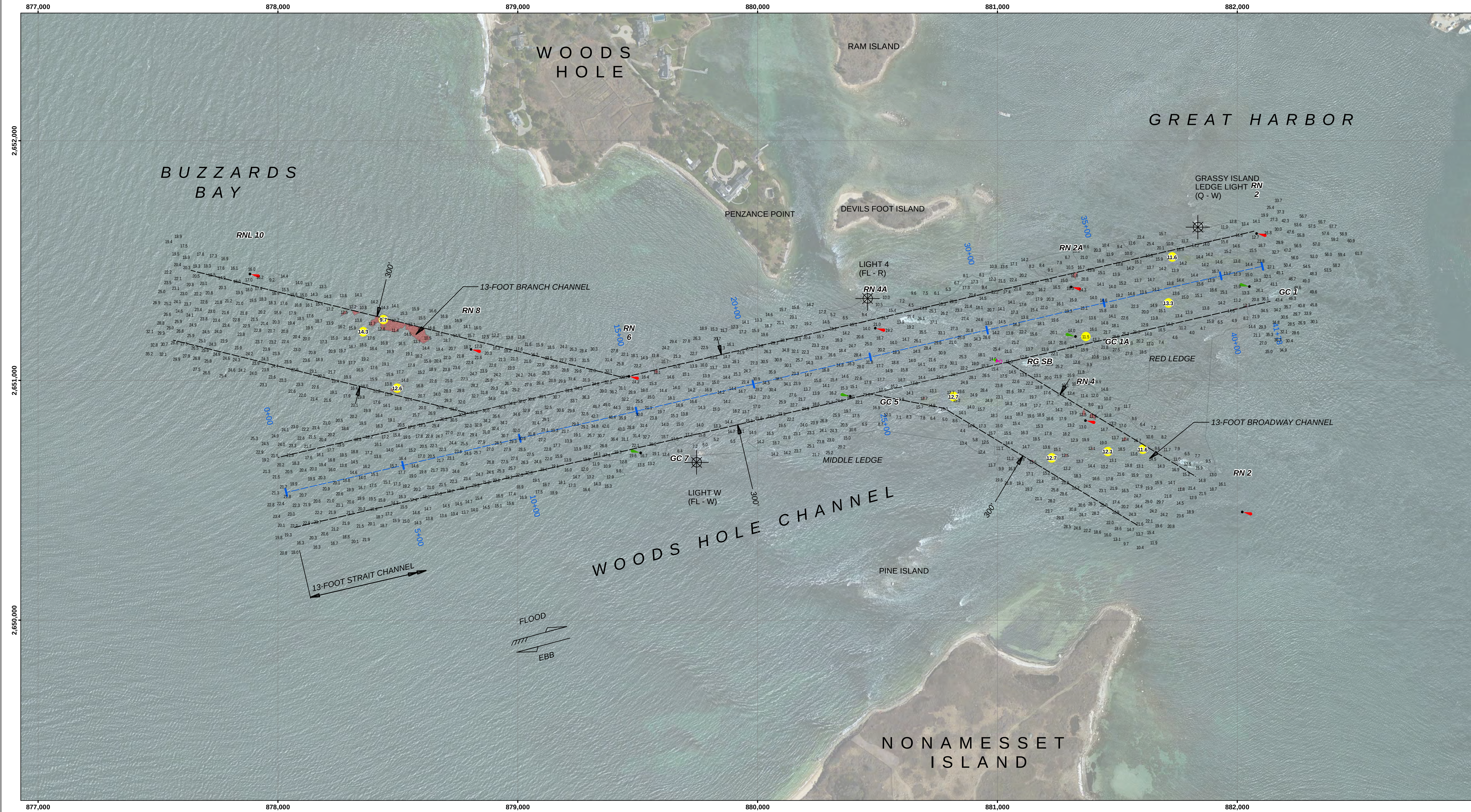




LEGEND

Channel Center Line

.....

Cable/Pipeline Area

—

Contour Line

—

Marine Infrastructure *

✠

Fixed Navigation Aids

●

Red Navigation Buoy

●

Green Navigation Buoy

●

Junction Buoy

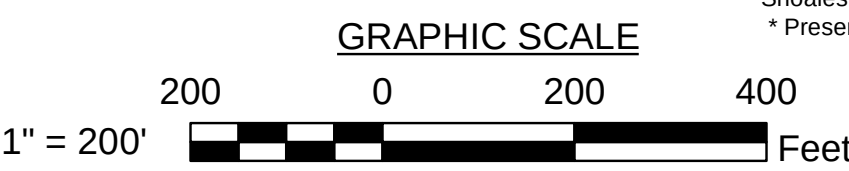
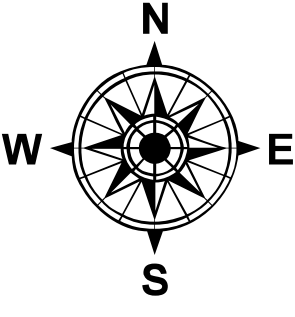
■

Shoaling Area

●

Shoalest Sounding**

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



Notes:
Horizontal Datum: Mass Mainland, MA-2001 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: KEEGAN
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 400 kHz
Survey Method: RTK GPS Tides
GPS System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 40'
Field Books: R&H 3428
Survey No.: MA_51_WOO_20200420_CS_003
Reference NOAA Chart No.: 13235

General Notes
The sounding information shown on this map represents the SHOALEST soundings of these obtained from hydrographic surveys conducted during April 2020. 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. Orthomimagery 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 corrections for this project range from 1.24 feet to 2.04 feet. These corrections are referenced from NOAA's V-Datum Model Version 3.9, ME/NH/MA region Version 1.3, in the vicinity of Woods Hole Channel, Woods Hole, 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.

Project Remarks
None

US Army Corps of Engineers
District: CENAE

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is not intended for use in any other project. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any application of this data for other than its intended purpose.

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 provided. The user is responsible for the results of any application of this data for other than its intended purpose.

SUBMITTED BY: Zachary McAvoy	SURVEYED BY: PJB	CHECKED BY: ZSM	ISSUE DATE: 9/8/2020

MAP DOCUMENT
MA_51_WOO_20200420_CS_003

SIZE
A151 D

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

WOODS HOLE CHANNEL (THE STRAIT)
BRANCH AND BROADWAY CHANNELS
WOODS HOLE, MASSACHUSETTS
CONDITION SURVEY

13-FOOT CHANNELS

File Name: MA_51_WOO_20200420_CS_003

SHEET IDENTIFICATION
Woods Hole Channel

Sheet 1 of 1

Revision Number: 4.1-20191105