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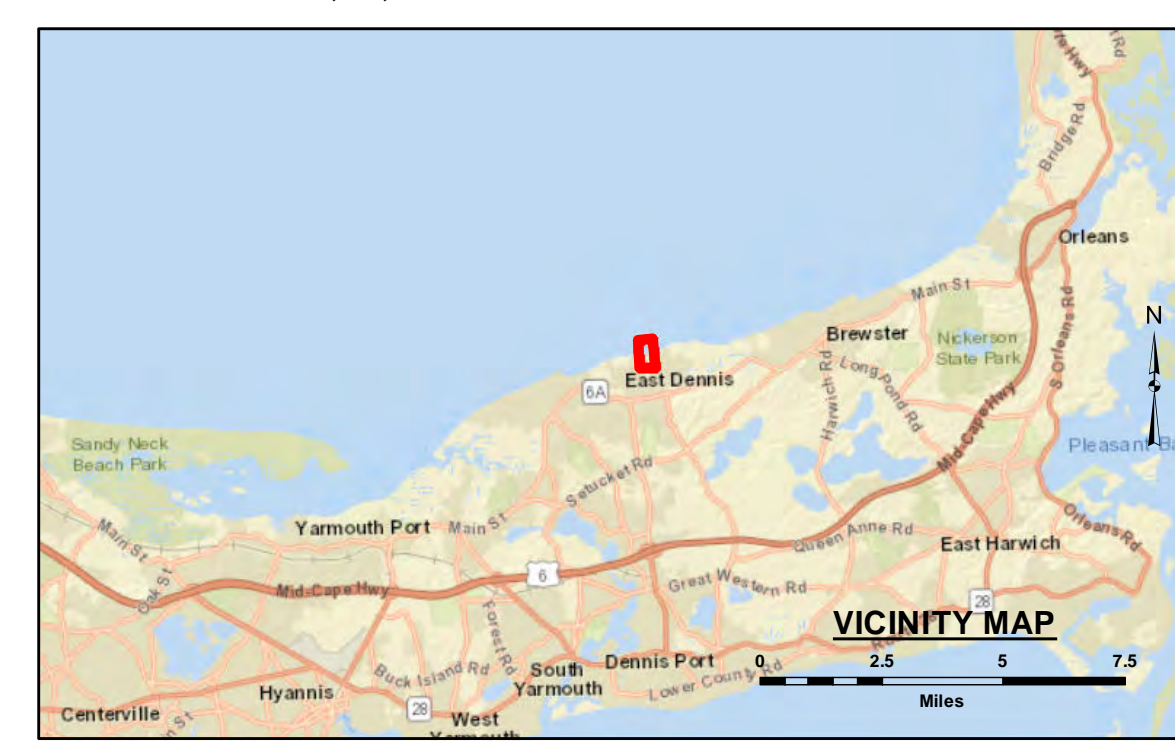
U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	
SUBMITTED BY: William Walker	SURVEYED BY: PJB
APPROVED BY: NAE Survey	CHECKED BY: MWH
MA DOCUMENT MA_39_SEC_20190717_CS_2019_061	ISSUE DATE: 8/11/2019
SIZE A3SID	

**SESUIT HARBOR
DENNIS, MASSACHUSETTS
CONDITION SURVEY
6-FOOT CHANNEL**

File Name: MA_39_SEC_20190717_CS_2019_061

**SHEET
IDENTIFICATION
Sesuit Harbor**

Sheet 1 of 1



LEGEND

- Federal Navigation Channel
- Channel Center Line
- Cable/Pipeline Area
- Contour Line
- ⊗ Obstruction Point
- ⊙ Fixed Navigation Aids
- Red Navigation Buoy
- Green Navigation Buoy
- Shoaling Area
- Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach

GRAPHIC SCALE

1" = 100'

0 100 200 Feet

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 4499
 Survey No.: SES_CS_2019_061
 Reference NOAA Chart No.: 13250

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 July 2019. 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.

Project Remarks
 Topographic Lidar data added to sounding data.

Water Level Information
 Tides were recorded using RTK GPS. The MLLW to NAVD88 corrections for this project is 5.77 feet. This correction is referenced from NOAA's V-Datum Model Version 3.9, ME/NH/MA region Version 1.3, in the vicinity of Sesuit Harbor. NAVD88 is above MLLW; therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project.