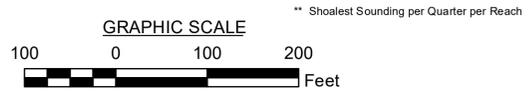


**LEGEND**

--- Federal Navigation Channel	✳ Fixed Navigation Aids
--- Channel Center Line	🚩 Red Navigation Buoy
..... Cable Submarine	🟩 Green Navigation Buoy
— Contour Line	🔴 Shoaling Area
⊗ Obstruction Point	🟡 Shoalest Sounding**



**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: KEEGAN  
 Sonar System: Reson 7125 (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: 20'  
 Field Books: R&H 3368  
 Survey No.: VIN\_CS\_2019\_027  
 Reference NOAA Chart No.: 13238

**General Notes**  
 The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during March 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.

**Water Level Information**  
 Tides were recorded using RTK GPS. The MLLW to NAVD88 correction used for this project is 1.40 feet. This correction is referenced from NOAA's V-Datum Model Version 3.9, MEENHMA region Version 1.3, in the vicinity of Vineyard Haven Harbor, Martha's Vineyard, 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



**DISCLAIMER:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, express or implied, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information furnished. The recipient is responsible for the use of any of the data for any purpose other than that for which it was intended. The recipient may not transfer these data to others without also transferring the Disclaimer.

U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	
SUBMITTED BY: William Walker	CHECKED BY: WHW
APPROVED BY: NAE Survey	ISSUE DATE: 3/7/2019
SIZE: A3SID	MAP DOCUMENT: MA_52_VIN_CS_2019_027

**VINEYARD HAVEN HARBOR  
 MARTHA'S VINEYARD, MASSACHUSETTS  
 CONDITION SURVEY  
 17-FOOT CHANNEL  
 12-FOOT ANCHORAGE**

File Name: MA\_52\_VIN\_20190321\_CS\_2019\_027

**SHEET IDENTIFICATION**  
 Vineyard Haven  
 Sheet 1 of 1