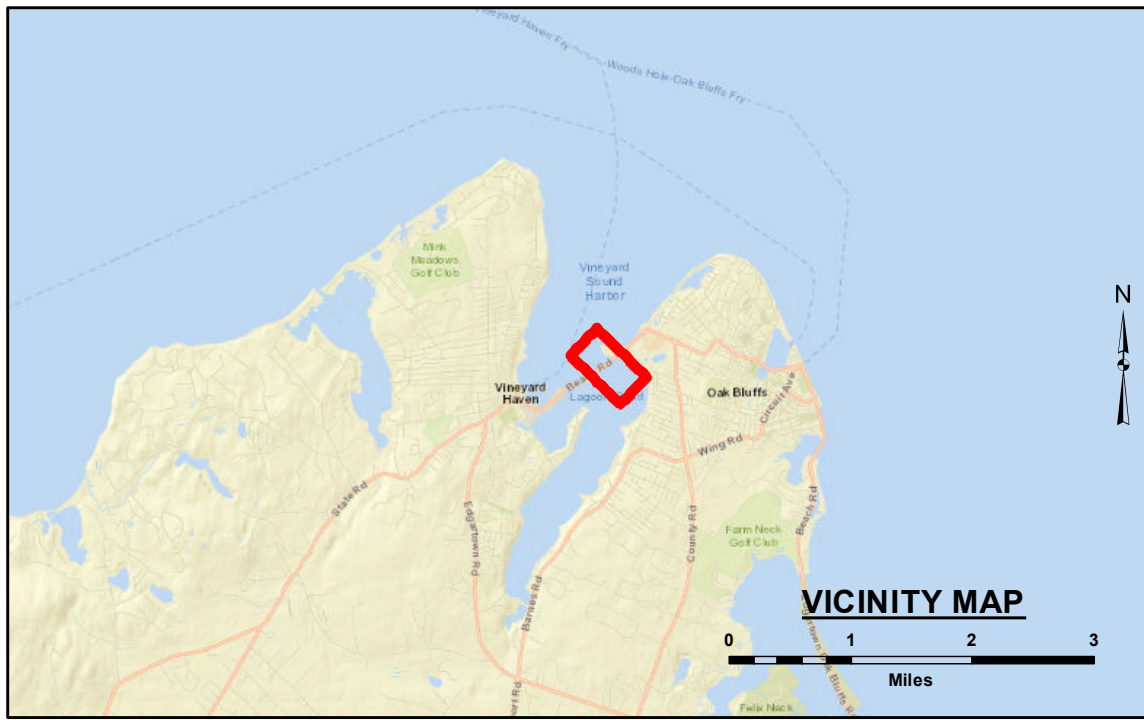


**DISCLAIMER:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, either expressed or implied, concerning the accuracy, completeness, or availability of the data for any purpose other than that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

SURVEYED BY: PJB		ISSUE DATE: 04/2019
CHECKED BY: WHV		
APPROVED BY: NAE Survey		
MAP DOCUMENT: MA_53_LAG_20190319_CS_2019_016	SIZE: ANSI D	

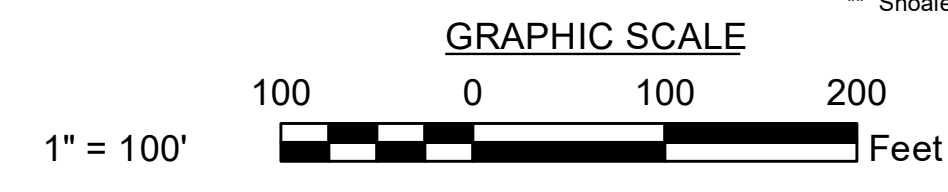
**LAGOON POND  
MARTHA'S VINEYARD ISLAND  
TISBURY, MASSACHUSETTS  
CONDITION SURVEY  
8-FOOT CHANNEL**

**SHEET IDENTIFICATION**  
Lagoon Pond,  
Martha's Vineyard  
Sheet 1 of 1



**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**



\*\* Shoalest Sounding per Quarter per Reach

**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.: LAG\_CS\_2019\_016  
Reference NOAA Chart No.: 13233

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 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.

**Project Remarks**  
Topographic lidar data added to sounding data.

**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, ME/NH/MA region Version 1.3, in the vicinity of Lagoon Pond, 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.