



**LEGEND**

- Federal Navigation Channel
- ..... Cable Submarine
- - - Cable Overhead
- 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: Maine West, ME-1802 NAD 83  
 Distance Units: U.S. Survey Feet  
 Vertical Datum: MLLW  
 Depth Units: U.S. Survey Feet  
 Vessel Name: POPHAM BEACH  
 Sonar System: ODOM MK 3 (Singlebeam Sonar)  
 Sounding Frequency: 200 MHz  
 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 3273  
 Survey No.: PEP\_CS\_2019\_069  
 Reference NOAA Chart No.: 13283

**General Notes**  
 The soundings 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. Orthomagey 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**  
 None

**Water Level Information**  
 Tides were recorded using RTK GPS. The MLLW to NAVD88 correction used for this project is 5.02 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 Pepperell Cove, Kittery, Maine. NAVD88 is above MLLW; therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project.

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.



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SUBMITTED BY: Zachary McAvoy		SURVEYED BY: FMP		ISSUE DATE: 8/27/2019	
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SIZE: ANSI D					

**PEPPERELL COVE  
KITTERY, MAINE  
CONDITION SURVEY  
12-FOOT ANCHORAGE**

File Name: ME\_67\_PEP\_20190717\_CS\_2019\_069

**SHEET IDENTIFICATION**  
 Pepperell Cove

Sheet 1 of 1