



LEGEND

Federal Navigation Channel

Channel Center Line

Cable Submarine

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

100

0

100

200

1" = 100' Feet

Notes:
Horizontal Datum: Maine East, ME-1801 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 kHz
Survey Method: RTK GPS Tides
GPS System: Trimble SPS 855 (RTK)
RTK Base Station: Station Lighthouse (2019)
Software Used: Hypack
Sounding Sort Distance: 20'
Field Books: R&H 4276
Survey No.: BAS_CS_2019_001
Reference NOAA Chart No.: 13316

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 February 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
None

Water Level Information
Tides were recorded using RTK GPS. The MLLW to NAVD88 correction used for this project is 5.71 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 Bass Harbor Bar, 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.

US Army Corps
of Engineers
District: CENAE

DISCLAIMER
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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	SURVEYED BY: FMP	CHECKED BY: WHW	ISSUE DATE: 2/28/2019
	SUBMITTED BY: William Walker	APPROVED BY: NAE Survey	MAP DOCUMENT ME_20_BAS_20190212_CS_2019_001
SIZE A1S1D			

**BASS HARBOR BAR
BASS HARBOR, MAINE
CONDITION SURVEY**

14-FOOT CHANNEL

File Name: ME_20_BAS_20190212_CS_2019_001

**SHEET
IDENTIFICATION**

Bass Harbor Bar

Sheet 1 of 1