



LEGEND

- Federal Navigation Channel
- Channel Center Line
- Cable/pipeline area
- Pipes (Gas/Sewer)
- Contour Line
- ✳ Fixed Navigation Aids
- Red Navigation Buoy
- Green Navigation Buoy
- Shoaling Area
- Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach

GRAPHIC SCALE

1" = 200'

0 200 400 Feet

Notes:
 Horizontal Datum: Maine East Zone 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 (single trace)
 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: 40'
 Field Books: R&H 3036
 Survey No.: BEL_CS_2018_053
 Reference NOAA Chart No.: 13309

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 September 2018 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. Orthomogery 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. Volumes are determined from more sounding information than shown. Additional Sounding information is available upon request.

Project Remarks
 NONE

Bench Mark Information
 Tides were recorded using RTK GPS. The MLLW to NAVD88 correction for this project is 53 feet. This is referenced from NOAA's V-Datum Model in the vicinity of Belfast Harbor, 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.



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SURVEYED BY: FMP		CHECKED BY: WHV		ISSUE DATE: 9/2/2018
SUBMITTED BY: William Walker		APPROVED BY: NAE Survey		MAP DOCUMENT: ME_33_BEL_CS_2018096_CS_2018_053
SIZE: A1SD				

**BELFAST HARBOR
 BELFAST, MAINE
 CONDITION SURVEY
 15-FOOT CHANNEL
 8 AND 13-FOOT ANCHORAGES**

File Name: ME_33_BEL_20180906_CS_2018_053

SHEET IDENTIFICATION
 Belfast Harbor
 Sheet 1 of 1