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SURVEYED BY: NCD		CHECKED BY: ZSM		ISSUE DATE: 8/28/2021	
SUBMITTED BY: Zhenyao MoAvoy		APPROVED BY: NAE Survey		NAVD DOCUMENT: ME_27_BPH_20210916_CS_045	
U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT		BUCKSPORT HARBOR BUCKSPORT, MAINE CONDITION SURVEY		16-FOOT ANCHORAGE	

**BUCKSPORT HARBOR, MAINE
CONDITION SURVEY**

SHEET IDENTIFICATION
Bucksport Harbor

Sheet 1 of 1

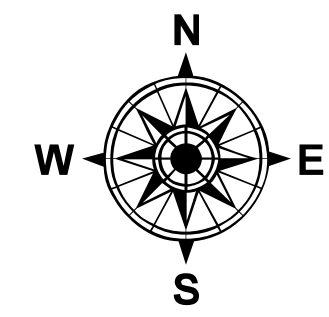


LEGEND

- Federal Navigation Channel
- Cable or Pipeline area
- - - Channel Center Line
- Marine Infrastructure*
- Contour Line
- ✱ Fixed Navigation Aids
- ⊗ Obstruction Point
- ! Red Navigation Buoy
- ! Green Navigation Buoy
- Shoaling Area
- Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach
* Present at Time of Hydrographic Survey

GRAPHIC SCALE
1" = 100'
0 100 200 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: KEGAN
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 200 kHz
Survey Method: RTK GPS Tides
GPS System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Imax
Software Used: Hypack
Sounding Sort Distance: 20'
Field Books: R&H 3646
Survey No.: ME_27_BPH_20210916_CS_045
Reference NOAA Chart No.: 13309

General Notes:
The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during September 2021. 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. Orthomage 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 6.21 feet. This correction is referenced from NOAA's V-Datum Model Version 4.1, ME/NH/MA region Version 2.3, in the vicinity of Bucksport Harbor, Bucksport, 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.

Project Remarks:
None