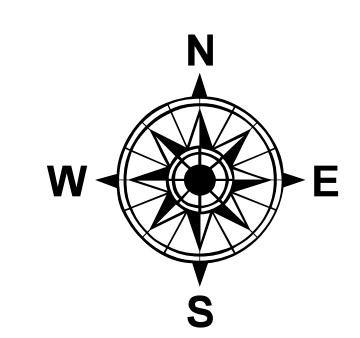


LEGEND

- Federal Navigation Channel
- Channel Center Line
- Cable or Pipe Area
- Contour Line
- Marine Infrastructure **
- ✳ Fixed Navigation Aids
- Red Navigation Buoy
- Green Navigation Buoy
- Shoaling Area
- Shoalest Sounding*

* Shoalest Sounding per Quarter per Reach
 ** Present at time of Shown Survey

GRAPHIC SCALE
 1" = 100'
 0 100 200 Feet



Notes:
 Horizontal Datum: Rhode Island, RI-3800 NAD 83
 Distance Units: U.S. Survey Feet
 Vertical Datum: MLLW
 Depth Units: U.S. Survey Feet
 Vessel Name: CELESTIAL
 Sonar System: R2 Sonic 2024 (Multibeam Sonar)
 Sounding Frequency: 300 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 2569
 Survey No.: RL_11_POT_20210907_CS_038
 Reference NOAA Chart No.: 13221

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. Orthomagnety 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 range from 2.32 feet to 2.33 feet. These correction are referenced from NOAA's V-Datum Model Version 4.1, CTIRI Region Version 3.4 in the vicinity of Potowomut River, Warwick and North Kingston, Rhode Island. 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:		SURVEYED BY:		CHECKED BY:		ISSUE DATE:	
SUBMITTED BY: Zachary McAvoy		SURVEYED BY: [Blank]		CHECKED BY: ZSM		ISSUE DATE: 8/23/2021	
APPROVED BY: NAE Survey		MAP DOCUMENT:		FILE NAME:		SIZE:	
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POTOWOMUT RIVER, WARWICK AND NORTH KINGSTON, RHODE ISLAND CONDITION SURVEY

5-FOOT CHANNEL

File Name: RL_11_POT_20210907_CS_038

SHEET IDENTIFICATION
 Potowomut River

Sheet 1 of 1