





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

100

0

100

200

1" = 100'

Feet

Notes:
Horizontal Datum: Rhode Island, RI-3800 NAD83
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: Station Aspray (2014)
Software Used: Hypack
Sounding Sort Distance: 20 feet
Field Books: R&H 4217
Survey No.: PWT_CS_2018_086
Reference NOAA Chart No.: 13224

General Notes
The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during December 2018. 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

Bench Mark Information
Tides were recorded using RTK GPS. The MLLW to NAVD88 corrections for this project range from 2.56 feet to 2.65 feet. These corrections are referenced from NOAA's VDatum model Version 3.9, NYCT/RI Region Version 2.2, in the vicinity of Pawtuxet Cove, 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.



DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were provided. The use of the data for any other purpose is at the user's risk. The user is responsible for the results of any application of the data for other than its intended purpose.

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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	SURVEYED BY: MAV	CHECKED BY: WHW	ISSUE DATE: 4/3/2019
	SUBMITTED BY: William Walker	APPROVED BY: NAE Survey	MAP DOCUMENT RI_07_PWT_20181220_CS_2018_086
SIZE ANSI D			

**PAWTUXET COVE
CRANSTON AND WARWICK
RHODE ISLAND
CONDITION SURVEY**

6-FOOT CHANNEL, TURNING BASIN

File Name: RI_07_PWT_20181220_CS_2018_086

**SHEET
IDENTIFICATION
Pawtuxet Cove**

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