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APPROVED BY: NAE Survey		CHECKED BY: ZSM	
NAE DOCUMENT: RI_01_SAR_20210408_CS_019		ISSUE DATE: 3/7/2021	
SIZE: A3SID			

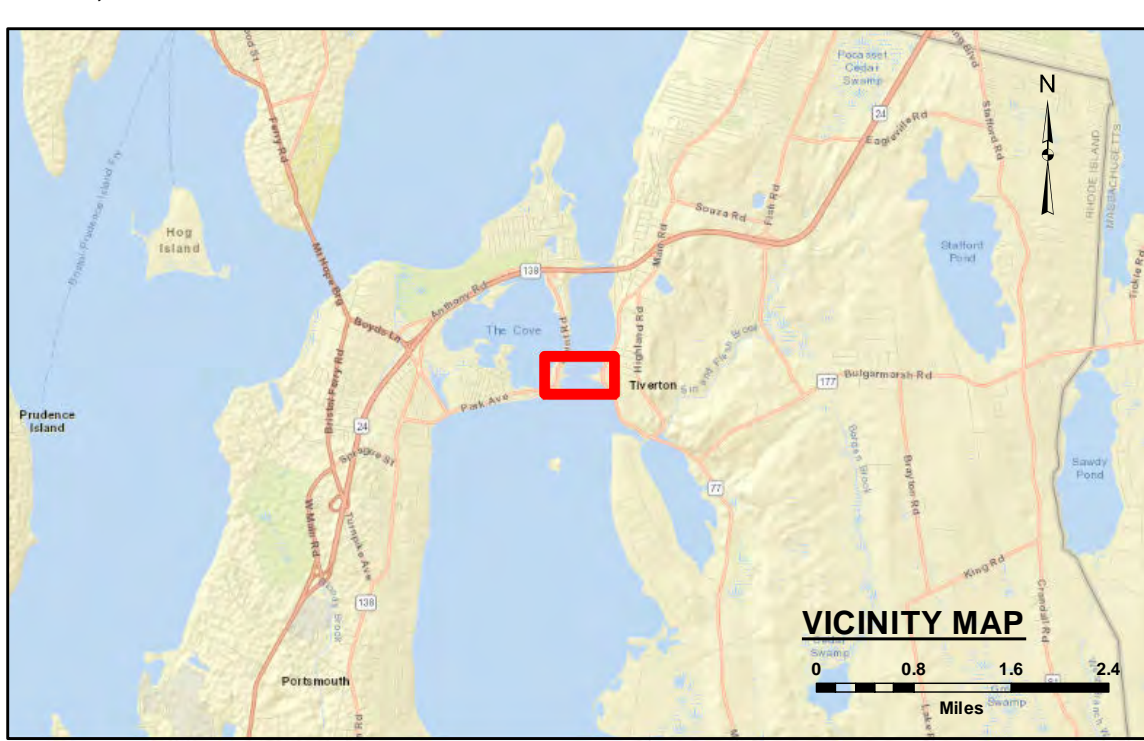
**SAKONNET RIVER  
TIVERTON, RHODE ISLAND**

**CONDITION SURVEY  
25-FOOT CHANNEL**

File Name: RI\_01\_SAR\_20210408\_CS\_019

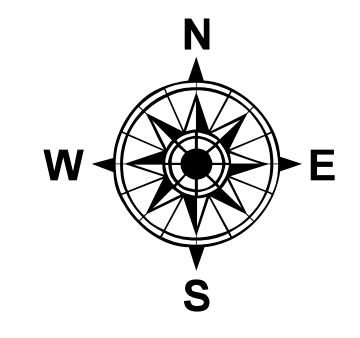
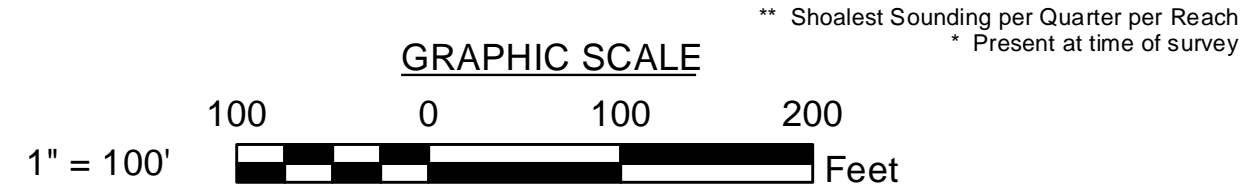
**SHEET IDENTIFICATION**  
Sakonnet River

Sheet 1 of 1



**LEGEND**

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



**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: POPHAM BEACH  
Sonar System: Reson T50 (Multibeam Sonar)  
Sounding Frequency: 200 kHz  
Survey Method: RTK GPS Tides  
GPS System: Trimble SPS 855 (RTK)  
RTK Base Station: Station Tracks (2008)  
Software Used: Hypack  
Sounding Sort Distance: 20'  
Field Books: R&H 1528, 1529  
Survey No.: RI\_01\_SAR\_20210408\_CS\_019  
Reference NOAA Chart No.: 13226

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

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.

**Water Level Information**  
Tides were recorded using RTK GPS. The MLLW to NAVD88 correction for this project is 2.29 feet. This correction was established in the vicinity of NOAA bench marks at Anthony Point, Rhode Island (Station ID 8450948, 06/16/2004). NAVD88 is above MLLW; therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project. The mean range of tide is 3.75 feet.