

W00723

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Ocean Service

DESCRIPTIVE REPORT

Type of Survey: Basic Hydrographic Survey

Registry Number: W00723

LOCALITY

State(s): South Carolina

General Locality: North Edisto River

Sub-locality: North Edisto River

2023

CHIEF OF PARTY
Thomas Beason

LIBRARY & ARCHIVES

Date:

HYDROGRAPHIC TITLE SHEET

W00723

INSTRUCTIONS: The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

State(s): **South Carolina**

General Locality: **North Edisto River**

Sub-Locality: **North Edisto River**

Scale: **20000**

Dates of Survey: **04/15/2023 to 04/15/2023**

Instructions Dated: **N/A**

Project Number: **ESD-AHB-23**

Field Unit: **Bottom Line Echo Company**

Chief of Party: **Thomas Beason**

Soundings by: **Knudsen Engineering 1612 (SBES)**

Imagery by: **N/A**

Verification by: **Atlantic Hydrographic Branch**

Soundings Acquired in: **meters at Mean Lower Low Water**

Remarks:

Any revisions to the Descriptive Report (DR) applied during office processing are shown in red italic text. The DR is maintained as a field unit product, therefore all information and recommendations within this report are considered preliminary unless otherwise noted. The final disposition of survey data is represented in the NOAA nautical chart products. All pertinent records for this survey are archived at the National Centers for Environmental Information (NCEI) and can be retrieved via <https://www.ncei.noaa.gov/>. Products created during office processing were generated in NAD83 UTM 17N, MLLW. All references to other horizontal or vertical datums in this report are applicable to the processed hydrographic data provided by the field unit.

DESCRIPTIVE REPORT MEMO

August 08, 2023

MEMORANDUM FOR: Atlantic Hydrographic Branch

FROM: Report prepared by Atlantic Hydrographic Branch on behalf of field unit
Thomas Beason, Bottom Line Echo Company

SUBJECT: Submission of Survey W00723

In 2022, Stevens Towing sponsored a hydrographic survey (W00642) of North Edisto River in South Carolina on account of a new large yacht lift that had been put in place. The company wanted to provide high quality data and charts to potential customers accessing their facility. This survey, W00723, is a resurvey of the bar crossing at the entrance North Edisto River.

Bathymetric grid products in BAG format were created by the Atlantic Hydrographic Branch.

All soundings were reduced to Mean Lower Low Water using VDatum. The horizontal datum for this project is North American Datum of 1983 (NAD 83). The projection used for this project is Universal Transverse Mercator (UTM) Zone 17.

This survey does not include a data acquisition and processing report.

All data were reviewed for DTONs and none were identified in this survey.

Bottom Line Echo Company acquired the data outlined in this report. Additional documentation from the data provider may be attached to this report.

The survey is partially adequate to supersede previous data. This survey will be used to update NOAA navigational products.