

W00610

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

**DESCRIPTIVE REPORT**

Type of Survey: Basic Hydrographic Survey

Registry Number: W00610

**LOCALITY**

State(s): Florida  
Georgia  
South Carolina

General Locality: Offshore S. Carolina, Georgia and Florida

Sub-locality: Charleston to Miami

**2016**

CHIEF OF PARTY  
Tim Battista

**LIBRARY & ARCHIVES**

Date:

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		REGISTRY NUMBER:
<b>HYDROGRAPHIC TITLE SHEET</b>		<b>W00610</b>
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):	<b>Florida Georgia South Carolina</b>	
General Locality:	<b>Offshore S. Carolina, Georgia and Florida</b>	
Sub-Locality:	<b>Charleston to Miami</b>	
Scale:	<b>N/A</b>	
Dates of Survey:	<b>03/29/2016 to 03/31/2016</b>	
Instructions Dated:	<b>03/11/2016</b>	
Project Number:	<b>ESD-AHB-21</b>	
Field Unit:	<b>NOAA Ship <i>Nancy Foster</i></b>	
Chief of Party:	<b>Tim Battista</b>	
Soundings by:	<b>Kongsberg Maritime EM 710 (MBES)</b>	
Imagery by:	<b>Kongsberg Maritime EM 710 (MBES Backscatter)</b>	
Verification by:	<b>Atlantic Hydrographic Branch</b>	
Soundings Acquired in:	<b>meters at Mean Lower Low Water</b>	
Remarks: <i>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 <a href="https://www.ncei.noaa.gov/">https://www.ncei.noaa.gov/</a>. 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.</i>		

## DESCRIPTIVE REPORT MEMO

September 08, 2023

**MEMORANDUM FOR:** Atlantic Hydrographic Branch

**FROM:** Report prepared by AHB on behalf of field unit  
Tim Battista  
Chief of Party, NOAA Ship *Nancy Foster*

**SUBJECT:** Submission of Survey W00610

The purpose of the cruise was to collect swath bathymetry, acoustical backscatter, ROV optical validation, fishery acoustics, and Slocum Glider deployments within coastal waters of Puerto Rico and St.

Thomas, USVI. This portion of the survey was strictly to collect transit data en route to Puerto Rico and St. Thomas, USVI.

W00610\_MB\_4m\_MLLW\_Final\_1of2.bag and W00610\_MB\_16m\_MLLW\_Final\_2of2.bag were created and submitted.

All soundings were reduced to Mean Lower Low Water using zero tide values, as the survey covers a large offshore area and no zoning is available. 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.

No Data Acquisition and Processing report exists for this survey.

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

NOAA Ship Nancy Foster acquired the data outlined in this report. Additional documentation from the data provider may be attached to this report.

This survey does meet charting specifications and is adequate to supersede prior data.