

**W00412**

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

**DESCRIPTIVE REPORT**

Type of Survey: External Source Data

Registry Number: W00412

**LOCALITY**

State(s): Virginia

General Locality: Virginia Beach, VA

Sub-locality: 5 NM East of Rudee Inlet

**2015**

NOAA ship *Nancy Foster*

**LIBRARY & ARCHIVES**

Date:

**HYDROGRAPHIC TITLE SHEET**

**W00412**

**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): **Virginia**

General Locality: **Virginia Beach, VA**

Sub-Locality: **5 NM East of Rudee Inlet**

Scale: **1:20,000**

Dates of Survey: **August 28, 2015 to August 30, 2018**

Project Number: **OSD-AHB-17**

Data Source: **NOAA ship *Nancy Foster***

Chief of Party: **Acting Chief Sherilyn Lau**

Soundings by: **Reson 7125 Multibeam Echo Sounder**

Imagery by: **MBES**

Verification by: **Atlantic Hydrographic Branch**

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

**Remarks:**

*The purpose of this survey is to provide contemporary data to update National Oceanic and Atmospheric Administration (NOAA) nautical charts. 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 surveyed features 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 18N, 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

November 28, 2017

**MEMORANDUM FOR:** Atlantic Hydrographic Branch  
Sherilyn Lau  
**FROM:** Acting Chief Scientist  
NOAA Ship *NANCY FOSTER*  
**SUBJECT:** Submission of Suvey W00412

This survey was conducted for seafloor mapping purposes.

There were no products created for this survey.

Verified tides were applied to the data where possible.

This report does not include data acquisition and processing information.

There were no DTONs created for this survey.

NOAA Ship Nancy Foster acquired the data outlined in this report. Data are available at Survey not yet posted in NCEI Multibeam Data archive.

This survey will be used to update NOAA navigational products where possible.

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

Survey data should be archived at NCEI and the DR memo forwarded to HSD.

***\*Do not concur. W00412 does not meet survey specifications and is not intended for chart application. W00412 is only intended for NCEI archive.***



<b>Metadata for Survey W00412</b>	
Project	OSD-AHB-17
Survey	W00412
State	Virginia
Locality	Virginia Beach, VA
Sub-Locality	5 NM East of Rudee Inlet
Scale of Survey	1:25000
Sonars Used	Reson 7125 (Multibeam Echo Sounder)
Horizontal Datum	North American Datum of 1983 (NAD83)
Vertical Datum	Mean Lower Low Water
Vertical Datum Correction	
Projection	UTM Zone 18N
Field Unit	NOAA Ship NANCY FOSTER
Survey Dates	08/28/2015 - 08/30/2015
Chief of Party	Sherilyn Lau
Submission Date	11/28/2017

APPROVAL PAGE

W00412

Data does not meet current specifications as certified by the OCS survey acceptance review process. Survey data is not adequate to supersede prior surveys and nautical charts in the common area and is only intended for NCEI archive.

The following products will be sent to NCEI for archive

- Descriptive Report
- Bathymetric Attributed Grid (BAG)
- Processed survey data and records
- GeoPDF of survey products
- Backscatter mosaic

The survey evaluation and verification has been conducted according current OCS Specifications, and the survey has been approved for dissemination and usage of updating NOAA's suite of nautical charts.

Approved: \_\_\_\_\_

**Castle Eugene Parker**  
Acting AHB Chief  
Hydrographic Team Lead / Physical Scientist  
For  
**Commander Meghan McGovern, NOAA**  
Chief, Atlantic Hydrographic Branch