

W00409

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

DESCRIPTIVE REPORT

Type of Survey: External Source Data

Registry Number: W00409

LOCALITY

State(s): New Jersey, New York

General Locality: Approaches to New York Harbor

Sub-locality: 5 NM East of Sandy Hook
and 5 NM South of Jones Inlet

2015

NOAA Ship
Nancy Foster

LIBRARY & ARCHIVES

Date:

HYDROGRAPHIC TITLE SHEET

W00409

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): **New Jersey, New York**

General Locality: **Approaches to New York Harbor**

Sub-Locality: **5 NM East of Sandy Hook and 5 NM South of Jones Inlet**

Scale: **40000**

Dates of Survey: **9/4/2015 - 9/6/2015**

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

Data Source: **NOAA Ship Nancy Foster**

Soundings by: **Multibeam**

Imagery by: **N/A**

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

FROM: Charles LoBue
Chief Scientist , NOAA Ship NANCY FOSTER

SUBJECT: Submission of Suvey W00409

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.

This survey fully overlaps with recent commissioned H surveys that have superior data quality and feature detection. Survey W00409 is therefore not recommended for chart application. The survey is recommended for archive only.

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



Metadata for Survey W00409	
Project	OSD-AHB-17
Survey	W00409
State	New JerseyNew York
Locality	Approach to New York Harbor
Sub-Locality	5NM East of Sandy Hook / 5NM South of Jones Inlet
Scale of Survey	1:20000
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	09/04/2015 - 09/06/2015
Chief of Party	Charles LoBue
Submission Date	11/28/2017

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APPROVAL PAGE

W00409

Data meet or exceed current specifications as certified by the OCS survey acceptance review process.

The following products will be sent to NCEI for archive

- Descriptive Report
- Data Acquisition and Processing Report
- Collection of Bathymetric Attributed Grids (BAGs)
- Processed survey data and records
- GeoPDF of survey products
- Collection of backscatter mosaics

The survey evaluation and verification has been conducted according current OCS Specifications.

Acting AHB Chief

10/16/2019

Approved: _____

Lieutenant Commander Ryan Wartick, NOAA
Chief, Atlantic Hydrographic Branch