

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

DESCRIPTIVE REPORT

Type of Survey: External Source Data

Registry Number: W00406

LOCALITY

State(s): Florida

General Locality: Coastal Florida

Sub-locality: 16 NM southwest of Marquesas Keys

2015

NOAA Ship Nancy Foster

CHIEF OF PARTY
Cynthia Cooksey

LIBRARY & ARCHIVES

Date:

W00406

HYDROGRAPHIC TITLE SHEET

W00406

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): **Florida**

General Locality: **Coastal Florida**

Sub-Locality: **16 NM southwest of Marquesas Keys**

Scale: **30000**

Dates of Survey: **06/07/2015 - 06/12/2015**

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

Data Source: **NOAA Ship Nancy Foster**

Chief of Party: **Cynthia Cooksey**

Soundings by: **Multibeam Sonar**

Imagery by: **N/A**

Verification by: **Atlantic Hydrographic Branch**

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

Remarks: This survey is external data submitted by NOAA Ship Nancy Foster.

The purpose of this survey is to provide contemporary surveys to update National Ocean Service (NOS) nautical charts. All separates are filed with the hydrographic data. Any revisions to the Descriptive Report (DR) generated during office processing are shown in bold red italic text. The processing branch maintains the DR as a field unit product, therefore, all information and recommendations within the body of the DR are considered preliminary unless otherwise noted. The final disposition of surveyed features is represented in the OCS nautical chart update products. All pertinent records for this survey, including the DR, are archived at the National Centers for Environmental Information (NCEI) and can be retrieved via <https://www.ncei.noaa.gov/>.



DESCRIPTIVE REPORT MEMO

November 28, 2017

MEMORANDUM FOR: Atlantic Hydrographic Branch

FROM: Cynthia Cooksey
Chief Scientist, NOAA Ship NANCY FOSTER

SUBJECT: Submission of Survey W00406

This survey was conducted for seafloor mapping purposes.

No products were created for this survey by the field unit. Additional products have been created by the Atlantic Hydrographic Branch (AHB) and are archived at the National Centers for Environmental Information (NCEI). This report was generated by AHB on behalf of the Chief Scientist, as this document will be published and available at NCEI.

Verified zoned tides were applied to the data where possible. Otherwise, verified single station tides were applied. All submitted data have been reduced to MLLW and are considered suitable for charting purposes.

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. Survey data to be posted to NCEI NOS Survey Data archive at a later date.

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. Retain all charted features unless otherwise specified in the accompanying final feature file.

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



Metadata for Survey W00406	
Project	OSD-AHB-17
Survey	W00406
State	Florida
Locality	Coastal Florida
Sub-Locality	16 NM southwest of Marquesas Keys
Scale of Survey	1:30000
Sonars Used	Reson 7125 (Multibeam Echo Sounder) Kongsberg EM710 (Multibeam Echo Sounder)
Horizontal Datum	North American Datum 1983
Vertical Datum	Mean Lower Low Water
Vertical Datum Correction	Discrete Zoning
Projection	UTM Zone 17N
Field Unit	NOAA Ship NANCY FOSTER
Survey Dates	06/07/2015 - 06/12/2015
Chief of Party	Cynthia Cooksey
Submission Date	11/28/2017

APPENDIX I
TIDES AND WATER LEVELS

Survey W00406 does not include supplemental tide or water level information.

APPENDIX II

SUPPLEMENTAL SURVEY RECORDS
AND CORRESPONDENCE

Survey W00406 does not include supplemental survey records and correspondence.

APPROVAL PAGE

W00406

Data meet or exceed current specifications as determined by the OCS survey review process. The Descriptive Report and survey data except where noted are adequate to supersede prior surveys and nautical charts in the common area.

The following products will be sent to NCEI for archive

- W00406_DR.pdf
- Collection of depth varied resolution BAGS
- Processed survey data and records
- W00406 GeoImages (3)

The survey evaluation and verification have been conducted according to current OCS specifications, and the survey has been approved for dissemination and usage of updating NOAA's suite of navigational products.

Approved: _____

Lieutenant Commander Ryan Wartick, NOAA
Chief, Atlantic Hydrographic Branch