

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

DESCRIPTIVE REPORT

Type of Survey: External Source Data

Registry Number: W00424

LOCALITY

State(s): Florida

General Locality: Straits of Florida

Sub-locality: Alligator Reef, FL to Sand Key, FL

2011

NOAA Ship Nancy Foster

CHIEF OF PARTY
John Reed

LIBRARY & ARCHIVES

Date:

W00424

HYDROGRAPHIC TITLE SHEET

W00424

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: **Straits of Florida**

Sub-Locality: **Alligator Reef, FL to Sand Key, FL**

Scale: **40000**

Dates of Survey: **09/14/2011 - 09/30/2011**

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

Data Source: **NOAA Ship Nancy Foster**

Chief of Party: **John Reed**

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: John Reed
Chief Scientist , NOAA Ship NANCY FOSTER

SUBJECT: Submission of Survey W00424

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).

Verified tides were applied to the data where possible. 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. Data are available at https://www.ngdc.noaa.gov/ships/nancy_foster/NF-11-09-CIOERT_mb.html

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 W00424	
Project	OSD-AHB-17
Survey	W00424
State	Florida
Locality	Straits of Florida
Sub-Locality	Alligator Reef, FL to Sand Key, FL
Scale of Survey	1:40000
Sonars Used	Kongsberg Maritime EM1002 (Multibeam Echo Sounder) Reson 7125 (Multibeam Echo Sounder)
Horizontal Datum	WGS 84
Vertical Datum	Mean Lower Low Water
Vertical Datum Correction	Discrete Zoning
Projection	UTM Zone 17N
Field Unit	NOAA Ship NANCY FOSTER
Survey Dates	09/14/2011 - 09/30/2011
Chief of Party	John Reed
Submission Date	11/28/2017

APPENDIX I
TIDES AND WATER LEVELS

Survey W00424 does not include supplemental tide or water level information.

APPENDIX II

SUPPLEMENTAL SURVEY RECORDS
AND CORRESPONDENCE

Survey W00424 does not include supplemental survey records and correspondence.

APPROVAL PAGE

W00424

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 and MCD for chart compilation:

- W00424_DR.pdf
- Collection of depth varied resolution grids (BAG)
- Collection of clipped grids (BAG) for MCD compilation
- Processed survey data and records
- W00424_GeoImage.pdf
- Survey outline

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. W00424 BAGs have been clipped as the Direct Deliverable product for compilation and represents the area sourced from W00424 for chart application. It is recommended to compile W00424 in conjunction with adjacent and overlapping surveys W00407 (2015) and W00406 (2015). Doing so would yield the most complete product with the existing available data and reduce the possibility of needlessly replicating work.

Approved: _____

Lieutenant Commander Ryan Wartick, NOAA
Chief, Atlantic Hydrographic Branch