

W00422

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

DESCRIPTIVE REPORT

Type of Survey: External Source Data

Registry Number: W00422

LOCALITY

State(s): Florida

General Locality: Dry Tortugas

Sub-locality: Tortugas Bank Vicinity

2011

NOAA Ship Nancy Foster

CHIEF OF PARTY  
Scott Donahue

LIBRARY & ARCHIVES

Date:

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		REGISTRY NUMBER:
HYDROGRAPHIC TITLE SHEET		W00422
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:	Dry Tortugas	
Sub-Locality:	Tortugas Bank Vicinity	
Scale:	180000	
Dates of Survey:	07/31/2011 - 08/03/2011	
Project Number:	OSD-AHB-17	
Data Source:	NOAA Ship Nancy Foster	
Chief of Party:	Scott Donahue	
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

February 02, 2018

**MEMORANDUM FOR:** Atlantic Hydrographic Branch

**FROM:** Scott Donahue  
Chief Scientist, NOAA Ship NANCY FOSTER

**SUBJECT:** Submission of Survey W00422

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 zoned 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-11-06-FKNMS\\_mb.html](https://www.ngdc.noaa.gov/ships/nancy_foster/NF-11-06-FKNMS_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 W00422	
Project	OSD-AHB-17
Survey	W00422
State	Florida
Locality	Dry Tortugas
Sub-Locality	Tortugas Bank Vicinity
Scale of Survey	1:180000
Sonars Used	Kongsberg EM1002 (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	07/31/2011 - 08/03/2011
Chief of Party	Scott Donahue
Submission Date	02/02/2018

# APPENDIX I

## TIDES AND WATER LEVELS

Survey W00422 does not include supplemental tide or water level information.

APPENDIX II

SUPPLEMENTAL SURVEY RECORDS  
AND CORRESPONDENCE

Survey W00422 does not include supplemental survey records and correspondence.

## APPROVAL PAGE

W00422

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

- W00422\_DR.pdf
- Collection of depth varied resolution grids (BAG)
- Collection of clipped grids (BAG) for MCD compilation
- Processed survey data and records
- W00422\_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. It is recommended to compile W00422 concurrently with adjacent and overlapping surveys W00378 (2014), W00385 (2012), W00390 (2009) and W00396 (2008). W00422 BAGs have been clipped as the Direct Deliverable product for compilation and represents the area sourced from W00422 for chart application.

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

**Lieutenant Commander Ryan Wartick, NOAA**  
Chief, Atlantic Hydrographic Branch