

W00397

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

DESCRIPTIVE REPORT

Type of Survey: External Source Data

Registry Number: W00397

LOCALITY

State(s): Florida

General Locality: Dry Tortugas

Sub-locality: Tortugas Bank

2017

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		W00397
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	
Scale:	30000	
Dates of Survey:	08/09/2008 - 08/16/2008	
Project Number:	OSD-AHB-17	
Field Unit:	NOAA Ship Nancy Foster	
Chief of Party:	Scott Donahue	
Soundings by:	Multibeam Echo Sounder	
Imagery by:	Multibeam Echo Sounder	
Verification by:	Atlantic Hydrographic Branch	
Soundings Acquired in:	Meters at Mean Lower Low Water	
<p><i>Remarks: This survey is external data submitted by NOAA Ship Nancy Foster.</i></p> <p><i>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/.</i></p>		

DESCRIPTIVE REPORT MEMO

December 19, 2017

MEMORANDUM FOR: Atlantic Hydrographic Branch

FROM: Scott Donahue
Chief Scientist, NOAA Ship NANCY FOSTER

SUBJECT: Submission of Survey W00397

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 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.

Three (3) shoal soundings in the vicinity of 24° 39' 18.8" N and 083° 05' 11.3" W were submitted as Danger to Navigation (Dton) to the Nautical Data Branch (NDB) on August 1, 2018 by AHB personnel. NDB registered the Danger submission August 1, 2018, and has since been applied to the applicable charts.

NOAA Ship Nancy Foster acquired the data outlined in this report. Data are available at https://www.ngdc.noaa.gov/ships/nancy_foster/NF-08-12-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 W00397	
Project	OSD-AHB-17
Survey	W00397
State	Florida
Locality	Dry Tortugas
Sub-Locality	Tortugas Bank
Scale of Survey	1:30000
Sonars Used	Kongsberg Maritime EM1002 (Multibeam Echo Sounder)
Horizontal Datum	North American Datum of 1983 (NAD83)
Vertical Datum	Mean Lower Low Water
Vertical Datum Correction	Discrete Zoning
Projection	UTM Zone 17N
Field Unit	NOAA Ship NANCY FOSTER
Survey Dates	08/09/2008 - 08/16/2008
Chief of Party	Scott Donahue
Submission Date	12/19/2017

APPROVAL PAGE

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

- Descriptive Report Memo
- Collection of Bathymetric Attributed Grids (BAGs)
- Processed survey data and records
- GeoPDF of survey products

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: _____

Lieutenant Commander Ryan Wartick, NOAA
Chief, Atlantic Hydrographic Branch