

**W00371**

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

**DESCRIPTIVE REPORT**

Type of Survey: External Source Data

Registry Number: W00371

**LOCALITY**

State(s): Florida

General Locality: Florida Keys

Sub-locality: Upper Matecumbe Key to Barnes Sound

**2014**

NOAA National Geodetic Survey  
Remote Sensing Division

**LIBRARY & ARCHIVES**

Date:

**HYDROGRAPHIC TITLE SHEET**

**W00371**

**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: **Florida Keys**

Sub-Locality: **Upper Matecumbe Key to Barnes Sound**

Scale: **N/A**

Dates of Survey: **04/11/2014 to 04/22/2014**

Project Number: **OSD-RSD-17**

Data Source: **NOAA Remote Sensing Division**

Chief of Party: **NOAA Remote Sensing Division**

Soundings by: **Topo-bathymetric Lidar**

Imagery by: **NOAA Remote Sensing Division**

Verification by: **Atlantic Hydrographic Branch**

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

Remarks:

*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/>.*

## **Area Surveyed**

This topo-bathy lidar survey was acquired by NOAA's National Geodetic Survey Remote Sensing Division (RSD) using a Riegl VQ820G. The data set contains outer coast and inlet data along the Florida Keys from Upper Matecumbe Key and Barnes Sound, FL. Survey dates extend from 04/11/2014 to 04/22/2014.

Products delivered to AHB from RSD included a survey 5 meter BAG/CSAR surface, preliminary shoreline and intertidal shapefiles referenced to Mean High Water and Mean Lower Low Water, and orthoimagery.

# APPENDIX I

## TIDES AND WATER LEVELS

Survey W00371 does not include supplemental tide or water level information.

APPENDIX II

SUPPLEMENTAL SURVEY RECORDS  
AND CORRESPONDENCE

Survey W00371 does not include supplemental survey records or correspondence.

APPROVAL PAGE

W00371

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

- W00371\_DR.pdf
- Collection of depth varied resolution BAGS
- Processed survey data and records
- W00371\_GeoImage.pdf

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: \_\_\_\_\_

**Commander Briana Welton Hillstrom, NOAA**  
Chief, Atlantic Hydrographic Branch