

**W00571**

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

**DESCRIPTIVE REPORT**

Type of Survey: Field Examination

Registry Number: W00571

**LOCALITY**

State(s): Alabama  
Mississippi

General Locality: Mississippi Sound

Sub-locality: Grand Bay

**2016**

CHIEF OF PARTY  
Chelsea A. Stalk

LIBRARY & ARCHIVES

Date:

**HYDROGRAPHIC TITLE SHEET**

**W00571**

**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): **Alabama Mississippi**

General Locality: **Mississippi Sound**

Sub-Locality: **Grand Bay**

Scale: **20000**

Dates of Survey: **05/10/2016 to 05/23/2016**

Instructions Dated: **N/A**

Project Number: **ESD-PHB-21**

Field Unit: **US Geological Survey**

Chief of Party: **Chelsea A. Stalk**

Soundings by: **Teledyne RESON SeaBat T50-P (MBES)**

Imagery by: **N/A**

Verification by: **Pacific Hydrographic Branch**

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

**Remarks:**

*Any revisions to the Descriptive Report (DR) applied during office processing are shown in red italic text. The DR is maintained as a field unit product, therefore all information and recommendations within this report are considered preliminary unless otherwise noted. The final disposition of survey data is represented in the NOAA nautical chart products. All pertinent records for this survey are archived at the National Centers for Environmental Information (NCEI) and can be retrieved via <https://www.ncei.noaa.gov/>. Products created during office processing were generated in NAD83 UTM 16N, MLLW. All references to other horizontal or vertical datums in this report are applicable to the processed hydrographic data provided by the field unit.*

## DESCRIPTIVE REPORT MEMO

September 01, 2021

**MEMORANDUM FOR:** Pacific Hydrographic Branch

**FROM:** Report prepared by Pacific Hydrographic Branch on behalf of field unit  
Chelsea A. Stalk  
Principle Investigator, United States Geological Survey

**SUBJECT:** Submission of Survey W00571

The purpose of the survey was to assess the capabilities of the Teledyne Reson SeaBat T50-P multibeam echosounder and attempt to capture the eroding marsh edges at areas of interest within Grand Bay AL/MS.

Survey products were generated by the hydrographic branch.

All soundings were reduced to Mean Lower Low Water using VDatum. The horizontal datum for this project is North American Datum of 1983 (NAD 83). The projection used for this project is Universal Transverse Mercator (UTM) Zone 16.

This report does not include any additional data acquisition and processing information.

All data were reviewed for DTONs and none were identified in this survey.

United States Geological Survey acquired the data outlined in this report. Data are available at <https://doi.org/10.5066/F7MC8Z9N>. Additional documentation from the data provider may be attached to this report.

This survey does meet charting specifications and is adequate to supersede prior data.

APPROVAL PAGE

W00571

The survey data meet or exceed the current requirements of the Office of Coast Survey hydrographic data review process and may be used to update NOAA products. The following survey products will be archived at the National Centers for Environmental Information:

- Descriptive Report Memo
- Collection of Bathymetric Attributed Grids (BAGs)
- Geospatial PDF of survey products

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

**James Miller**

Acting Chief, Pacific Hydrographic Branch