

W00567

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

DESCRIPTIVE REPORT

Type of Survey: Navigable Area

Registry Number: W00567

LOCALITY

State(s): Louisiana

General Locality: Southwest Louisiana

Sub-locality: Fourleague Bay to Sabine Lake

2019

CHIEF OF PARTY
Syed M. Khalil

LIBRARY & ARCHIVES

Date:

HYDROGRAPHIC TITLE SHEET

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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): **Louisiana**

General Locality: **Southwest Louisiana**

Sub-Locality: **Fourleague Bay to Sabine Lake**

Scale: **20000**

Dates of Survey: **06/05/2019 to 12/12/2019**

Instructions Dated: **07/13/2021**

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

Field Unit: **Coastal Protection and Restoration Authority**

Chief of Party: **Syed M. Khalil**

Soundings by: **ODIM Brooke Ocean Echotrac MKIII (SBES)**

Imagery by: **EdgeTech 4200 (SSS)**

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 15N, 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

July 13, 2021

MEMORANDUM FOR: Pacific Hydrographic Branch

FROM: Report prepared by PHB on behalf of field unit
Syed M. Khalil
Geologist Assistant Administrator, Louisiana Coastal Protection and
Restoration Authority

SUBJECT: Submission of Survey W00567

The System Wide Assessment and Monitoring Program (SWAMP) was implemented by the Coastal Protection and Restoration Authority (CPRA) to ensure that a comprehensive network of coastal data collection activities is in place to support the development and implementation of Louisiana's coastal protection and restoration projects and programs. The data are essential for modeling needs, oyster resource delineations, pipeline delineation and most importantly for sediment exploration to support Louisiana's marsh and barrier island restoration projects.

A 4-meter BAG was created for data archival and charting purposes.

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 15.

Bathymetric soundings were positioned with ERS. The original horizontal datum was Louisiana State Plane Coordinate System, South Zone, North American Datum of 1983 (NAD83) and the original vertical datum was NAVD88, relative to geoid 12a.

All survey systems and methods utilized during this survey were as described in the System Wide Assessment and Monitoring Program (SWAMP) Phase IV Report available at the URL below.

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

Louisiana Coastal Protection and Restoration Authority acquired the data outlined in this report. Data are available at <https://cims.coastal.louisiana.gov/RecordDetail.aspx?Root=0&sid=24362>. 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

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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
- Collection of Bathymetric Attributed Grids (BAGs)
- 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: _____

James J. Miller, NOAA
Chief (Acting), Pacific Hydrographic Branch