

**W00618**

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

**DESCRIPTIVE REPORT**

Type of Survey: Basic Hydrographic Survey

Registry Number: W00618

**LOCALITY**

State(s): Florida

General Locality: Apalachee Bay

Sub-locality: Econfina River

**2014**

CHIEF OF PARTY  
Tim R. Carlile

LIBRARY & ARCHIVES

Date:

**HYDROGRAPHIC TITLE SHEET**

**W00618**

**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: **Apalachee Bay**

Sub-Locality: **Econfina River**

Scale: **40000**

Dates of Survey: **12/17/2014 to 12/17/2014**

Instructions Dated: **N/A**

Project Number: **ESD-PHB-22**

Field Unit: **Land & Sea Surveying Concepts Inc**

Chief of Party: **Tim R. Carlile**

Soundings by: **Unknown Unknown (SBES)**

Imagery by: **N/A**

Verification by: **Pacific Hydrographic Branch**

Soundings Acquired in: **US Survey feet 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 17N, 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

June 27, 2022

**MEMORANDUM FOR:** Pacific Hydrographic Branch

**FROM:** Report prepared by PHB on behalf of field unit  
Tim R. Carlile  
Chief of Party, Land & Sea Surveying Concepts Inc.

**SUBJECT:** Submission of Survey W00618

Bathymetric survey for the Econfina River WMD.

Two 4 meter grids were produced for archival and charting purposes. One grid covers the majority of the survey and was reduced to MLLW using VDatum, and the other covers the upriver area outside of VDatum coverage and was shifted to MLLW using a static value.

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 17.

All soundings were collected in NAVD88 (US Survey ft) in NAD83 Florida North (903). Soundings within VDatum coverage were reduced to MLLW in meters using VDatum. Soundings further upriver, extending beyond VDatum coverage, were reduced to MLLW using a static value of 0.39m taken from the closest VDatum values. The horizontal datum for this project was converted to North American Datum of 1983 (NAD83) using VDatum. The projection used for this project is Universal Transverse Mercator (UTM) 17N.

The data were acquired using a 200kHz transducer with an integrated 12 channel RTK GPS system and post-processed with hypack software.

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

Land & Sea Surveying Concepts Inc. acquired the data outlined in this report. 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.