

**W00494**

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

**DESCRIPTIVE REPORT**

Type of Survey: Navigable Area

Registry Number: W00494

**LOCALITY**

State(s): Texas

General Locality: Corpus Christi Bay

Sub-locality: La Quinta Extension

**2019**

CHIEF OF PARTY  
Russell Cordo

LIBRARY & ARCHIVES

Date:

**HYDROGRAPHIC TITLE SHEET**

**W00494**

**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): **Texas**

General Locality: **Corpus Christi Bay**

Sub-Locality: **La Quinta Extension**

Scale: **20000**

Dates of Survey: **11/24/2019 to 11/24/2019**

Instructions Dated: **N/A**

Project Number: **ESD-AHB-20**

Field Unit: **Port of Corpus Christi**

Chief of Party: **Russell Cordo**

Soundings by: **Teledyne Odom Hydrographic MB2 (MBES)**

Imagery by: **N/A**

Verification by: **Atlantic 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 14N, 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

February 06, 2020

**MEMORANDUM FOR:** Atlantic Hydrographic Branch

**FROM:** Report prepared by AHB on behalf of field unit  
Russell Cordo  
Harbormaster, Port of Corpus Christi

**SUBJECT:** Submission of Survey W00494

This was a post-dredge channel survey conducted by Naismith Marine Services on behalf of the Port of Corpus Christi.

Survey products were generated by the hydrographic branch.

The vertical datum for this project is Mean Lower Low Water. 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 14.

The survey was acquired and corrected to MLLW using RTK GPS.

Data acquisition and processing were conducted according to U.S. Army Corps of Engineers specifications.

There were no DTONs created for this survey.

Port of Corpus Christi acquired the data outlined in this report.

This survey does meet charting specifications and is adequate to supersede prior data. This survey will be used to update NOAA navigational products.

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)
- Processed survey data and records
- Geospatial PDF of survey products

The survey evaluation and verification have been conducted according to current OCS specifications, and the survey has been approved for dissemination and usage of updating NOAA's suite of nautical charts.

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

**Commander Meghan McGovern, NOAA**  
Chief, Atlantic Hydrographic Branch