

W00693

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

DESCRIPTIVE REPORT

Type of Survey: Navigable Area

Registry Number: W00693

LOCALITY

State(s): Texas

General Locality: Port of Corpus Christi

Sub-locality: Cargo Docks 1 & 2

2022

CHIEF OF PARTY
Russel Pickering

LIBRARY & ARCHIVES

Date:

HYDROGRAPHIC TITLE SHEET

W00693

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: **Port of Corpus Christi**

Sub-Locality: **Cargo Docks 1 & 2**

Scale: **10000**

Dates of Survey: **11/08/2022 to 11/08/2022**

Instructions Dated: **11/08/2022**

Project Number: **ESD-PHB-23**

Field Unit: **Port of Corpus Christi**

Chief of Party: **Russel Pickering**

Soundings by: **Unknown Unknown (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 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

May 12, 2023

MEMORANDUM FOR: Pacific Hydrographic Branch

FROM: Report prepared by PHB on behalf of field unit
Russel Pickering
Point of Contact, Port of Corpus Christi

SUBJECT: Submission of Survey W00693

Hydrographic survey for the Port of Corpus Christi, Cargo Docks 1 & 2.

Multibeam Echosounder data was retrieved from the Port of Corpus Christi website in an ASCII XYZ irregularly spaced point cloud data file in Texas State Plane South, MLLW, US survey feet. The data was converted to NAD83 (2011) UTM 14N using the Vdatum tool. Depths were converted to meters.

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.

All survey methods utilized during this survey were as described in the metadata information provided on the survey smooth sheet accompanying the XYZ data file on the providers website.

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

Port of Corpus Christi acquired the data outlined in this report. Data are available at https://portofcc.com/capabilities/hydrographic_surveys/. Additional documentation from the data provider may be attached to this report.

Despite the estimated disposition of this data as being CATZOC B, this data should supersede prior data of higher CATZOC (A1) due to evidence of recent dredging activity in the area in front of Cargo Docks 1 & 2.

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