

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

**DESCRIPTIVE REPORT**

Type of Survey: Navigable Area

Registry Number: W00689

**LOCALITY**

State(s): Texas

General Locality: Port of Corpus Christi

Sub-locality: Oil Dock 2

**2022**

CHIEF OF PARTY  
Russel Pickering

LIBRARY & ARCHIVES

Date:

**W00689**

**HYDROGRAPHIC TITLE SHEET**

**W00689**

**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: **Oil Dock 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 (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 04, 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 W00689

Hydrographic survey for the Port of Corpus Christi, Oil Dock 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/](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 leading into Oil Dock 2.

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