W00722

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

DESCRIPTIVE REPORT

Type of Survey:	Navigable Area
Registry Number:	W00722

LOCALITY

State(s):	Texas
General Locality:	Port of Freeport
Sub-locality:	Channel, Berth 7, Berth 8

2023

CHIEF OF PARTY
Robert A. Roman, PE, Etrac, Inc.

LIBRARY & ARCHIVES

Date:

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

REGISTRY NUMBER:

HYDROGRAPHIC TITLE SHEET

W00722

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 Freeport**
Sub-Locality:	**Channel, Berth 7, Berth 8**
Scale:	**10000**
Dates of Survey:	**04/04/2023 to 05/04/2023**
Instructions Dated:	**N/A**
Project Number:	**ESD-AHB-23**
Field Unit:	**eTrac**
Chief of Party:	**Robert A. Roman, PE, Etrac, Inc.**
Soundings by:	**R2Sonic 2020 (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 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 14, 2023

MEMORANDUM FOR: hull@portfreeport.com, quentin.stubbs@noaa.gov

THROUGH: Jason Hull
PE; Director of Engineering , Port Freeport

FROM: Robert A. Roman
PE, Etrac, Inc.

SUBJECT: Submission of Survey W00722

This dataset reflects dredging that was conducted in 2021 outside of the Federal Channel in Berth 8, concurrent to dredging that occured in the Federal Channel under a USACE contract, by the same contractor.

There were no products created for this survey.

All soundings were reduced to Mean Lower Low Water using Constant Separation. 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.

Original survey data was provided as an XYZ file in NAD83 State Plane Texas South Central (usFt) horizontal coordinate system and MLLW (usFt) vertical datum. The XYZ file was transformed to NAD83 UTM15 (meters) using VDatum.

This report does not include data acquisition and processing information.

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

Port Freeport contracted eTrac Inc. and submitted through the Western Gulf Coast NOAA Navigation Manager acquired the data outlined in this report. Additional documentation from the data provider may be attached to this report.

Multibeam data submission facilitated by Western Gulf Coast (Texas) Navigation Manager Quentin Stubbs from Port Freeport, Texas. No raw data was received with this survey. A 1m grid was generated based on submitted gridded point data atan approximate 2 x 2 ft spacing.

The federal channel was updated on the ENC to reflect dredging from 2021, since the USACE data will have been delivered to NOAA via eHydro. The Port of Freeport is eager to see the rest of the dredged area reflected in this dataset (W00722) to be updated on the ENC, to accurately reflect the full extent of the dredging project.

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