

**W00738**

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

**DESCRIPTIVE REPORT**

Type of Survey: Navigable Area

Registry Number: W00738

**LOCALITY**

State(s): Maryland

General Locality: Baltimore

Sub-locality: ESSROC Cement Pier Facility

**2014**

CHIEF OF PARTY  
Robert L. Taliaferro

LIBRARY & ARCHIVES

Date:

**HYDROGRAPHIC TITLE SHEET**

**W00738**

**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): **Maryland**

General Locality: **Baltimore**

Sub-Locality: **ESSROC Cement Pier Facility**

Scale: **6000**

Dates of Survey: **07/16/2014 to 07/16/2014**

Instructions Dated: **N/A**

Project Number: **ESD-AHB-24**

Field Unit: **Waterway Surveys & Engineering, Ltd.**

Chief of Party: **Robert L. Taliaferro**

Soundings by: **N/A**

Imagery by: **N/A**

Verification by: **Atlantic Hydrographic Branch**

Soundings Acquired in: **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 18N, 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

April 16, 2024

**MEMORANDUM FOR:** midatlantic.navmanager@noaa.gov

**FROM:** Report prepared by AHB on behalf of field unit  
Robert L. Taliaferro  
Certified Hydrographer, Waterway Surveys & Engineering

**SUBJECT:** Submission of Survey W00738

This was a condition survey of a pier facility for ESSROC Cement, Corp

During survey review, a 1-meter, shoalest depth grid was generated from a CSAR point cloud and was exported to BAG format with the standard naming convention of W00738\_VB\_1m\_MLLW\_1of1.bag.

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 18.

The data obtained was an XYZ file in NAD 83 State Plane Maryland, US survey feet, MLLW. The data was converted to NAD83 (2011) UTM 18N and depths were converted to meters using the Vdatum tool.

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

Waterway Surveys & Engineering acquired the data outlined in this report. Additional documentation from the data provider may be attached to this report.

This data is a standard VBES survey with no significant findings to note.

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