



**LEGEND**

|                                  |                     |                         |                  |
|----------------------------------|---------------------|-------------------------|------------------|
| — Federal Navigation Channel     | • Cable Area        | □ Borrow Area           | ■ -10' and above |
| — Federal Navigation Center Line | ▭ Placement Area    | ● Shoalest Sounding**   | ■ -10' to -20'   |
| — As-built Pipeline/Cable        | ⊗ Anchorage Area    | ☆ Beacon, General       | ■ -20' to -30'   |
| ..... Unconfirmed Pipeline/Cable | ⊗ Obstruction Point | ◆ Red Navigation Buoy   | ■ -30' to -40'   |
| — Project Depth Contour          | ⚓ Wrecks-Submerged  | ◆ Green Navigation Buoy | ■ -40' to -45'   |
|                                  |                     |                         | ■ -45' to -50'   |
|                                  |                     |                         | ■ -50' to -55'   |
|                                  |                     |                         | ■ -55' and below |



Gage Reading: -0.3 MLLW @ HEAD OF PASSES @ 1045  
 Sea Conditions: CALM  
 Vessel Name: TOBIN  
 Survey Type: CONDITION, SB  
 Sounding Frequency\*\*\*: LOW



**NOTES:**  
 Horizontal Coordinate System: North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.  
 Vertical Datum: 0.0' NAVD83, 2009.55 = -0.32' MLLW = 3.18' MLG  
 Datum Relationships for gage 01545 as of March 2020: 0.0' NAVD83, 2009.55 = -0.32' MLLW = 3.18' MLG  
 Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.  
 The location of navigation aids are base on and provided by the U.S. Coast Guard.  
 2022 Aerial Photography data source: Optimal GEO (1998 DOQQ in green)  
 Reference is N.O.A. Navigation Chart No. 11361.  
 \*\* Shoalest Sounding per Quarter per Reach.  
 \*\*\* High frequency (200 kHz) survey data represents the first signal return at a sounding location and will include suspended solids, known as "fluff", if present. Low frequency (24 kHz) survey data normally penetrates through this "fluff" layer to depict elevations of consolidated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.

**US Army Corps of Engineers District: CEMVN**

**DISTRICT LIABILITY:** The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results and any application of the data for other than its intended purpose.  
 Data Constants: Hydrographic survey data is subject to change regularly due to several factors including but not limited to dredging activities, shifting sandbars, and other natural processes. The US Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of the survey.  
 The information depicted on this map represents the results of a survey conducted on or about the date indicated. It is not intended to represent the general condition existing at that time.

**ACCESS:** The United States Government furnishes these data and the recipient acquires and uses them with the express understanding that the data are not to be disseminated, reproduced, expressed, or implied concerning the accuracy, completeness, reliability, usability, or availability for any particular purpose of the user without the express written consent of the United States Government. This consent is given on the condition that the recipient will not be held liable for any damages, including but not limited to those resulting from the use of the data, whether or not such damages were foreseeable at the time of the survey. The recipient may not transfer these data to others without also obtaining the consent of the United States Government.

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|--|-----------------------|
| U.S. ARMY CORPS OF ENGINEERS<br>NEW ORLEANS DISTRICT |                       |
| Submitted:   | Surveyed By: JH & RCC |
| Recommended:   | Plotted By: TSS       |
| Approved:  | Checked By: MSK       |

**MISSISSIPPI RIVER - B.R. TO GULF  
 SOUTHWEST PASS - SHEET 6  
 SW\_06\_SWP\_20230629\_CS  
 29 June 2023**

**Sheet Reference Number  
 6 of 13**

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