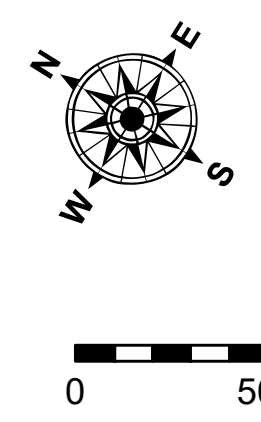
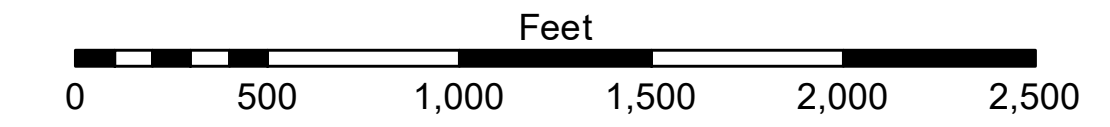


| LEGEND                           |                         |
|----------------------------------|-------------------------|
| --- Federal Navigation Channel   | ● Cable Area            |
| — Federal Navigation Center Line | □ Placement Area        |
| — As-built Pipeline/Cable        | □ Anchorage Area        |
| ..... Unconfirmed Pipeline/Cable | ⊗ Obstruction Point     |
| — Project Depth Contour          | ⚓ Wrecks-Submerged      |
| 3 Fluff Thickness (feet)*        | ★ Beacon, General       |
| □ Borrow Area                    | ◆ Red Navigation Buoy   |
| ● Shoalest Sounding**            | ◆ Green Navigation Buoy |
| ■ -10' and above                 |                         |
| ■ -10' to -20'                   |                         |
| ■ -20' to -30'                   |                         |
| ■ -30' to -40'                   |                         |
| ■ -40' to -45'                   |                         |
| ■ -45' to -50'                   |                         |
| ■ -50' to -55'                   |                         |
| ■ -55' and below                 |                         |



Gage Reading: 1.3 MLLW @ P.T. (01525) @ 0950  
 Sea Conditions: ROUGH  
 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: Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16). Datum Relationships for gage 01525 as of March 2020: 0.0' NAVD83, 2009.55 = -0.53' MLLW = 2.97' 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.



**DISCLAIMER:**  
 The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not warranted for accuracy, reliability, usability, or suitability for any particular purpose of the recipient. The user is responsible for the results of any use of the data. The user shall indemnify and hold the United States Government harmless from and against all claims, damages, and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by the United States Government as a result of the use of the data for any purpose other than that for which they were prepared. The information depicted on the map represents the results of a survey conducted on or about the date of the survey. The information is not to be used for any purpose other than that for which it was prepared. The information is not to be used for any purpose other than that for which it was prepared. The information is not to be used for any purpose other than that for which it was prepared.

| U.S. ARMY CORPS OF ENGINEERS<br>NEW ORLEANS DISTRICT |                                               |
|------------------------------------------------------|-----------------------------------------------|
| Submitted:                                           | Checked By: MSK                               |
| Recommended: Chief Survey Section                    | Approved: Chief Waterways Maintenance Section |
| Surveyed By: JTB & RCC                               | Plotted By: RSL                               |

**MISSISSIPPI RIVER - B.R. TO GULF  
 SOUTHWEST PASS - SHEET 5  
 SW\_05\_SWP\_20240617\_CS  
 17 June 2024**

**Sheet Reference Number  
 5 of 13**