



| 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: 0.1 MLLW @ HEAD OF PASSES @ 0940
 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: Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16). Datum Relationships for gage 01545 as of March 2020: 0.0' NAVD88, 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.



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 any purpose other than that for which they were collected, compiled, or processed, or implied concerning the accuracy, completeness, reliability, usability, or availability for any particular purpose of the recipient. The user is responsible for the results of any use of the data. The user is not to be held liable for any damage or injury, under no liability whatsoever to any person by reason of any use of the data. These data are being made available to the public under the authority of the Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer. The information depicted on the map represents the results of a hydrographic survey which was conducted under the authority of the U.S. Army Corps of Engineers and is not to be used for any purpose other than that for which it was collected. Prudent mariners should not rely solely upon it.

| U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT | | |
|--|---------------------------|-------------------------------------|
| Submitted: | Surveyed By: JUC & MGF | Checked By: MSK |
| Recommended: | Plotted By: RSL | |
| Approved: | Chart Survey Section | Chart Waterways Maintenance Section |

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 6
 SW_06_SWP_20221222_CS
 22 December 2022**

**Sheet Reference Number
 6 of 13**

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