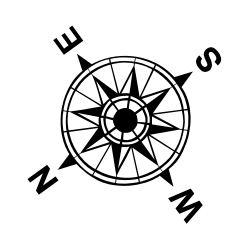
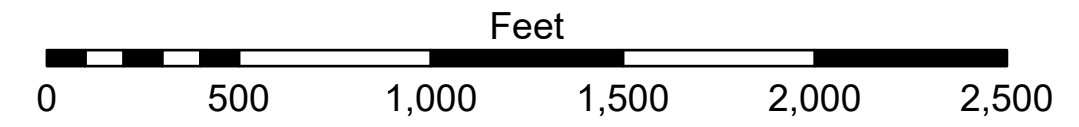


LEGEND

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



Gage Reading: 1.5 MLLW @ EAST JETTY (01670) @ 1210
 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: 10.0' NAVD83, 2009.55 = 4.18' MLLW, 2015 = 0.68' MLLW, 07-11)
 Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16). Datum Relationships for gage 01670 as of March 2020: 0.0' NAVD83, 2009.55 = 0.79' MLLW = 4.29' 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.
 2024 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 to be used for any purpose other than that for which they were prepared, or implied concerning the accuracy, completeness, or reliability of the data furnished. The United States Government makes no warranty, express or implied, for the use of the data for any purpose other than that for which they were prepared. The recipient agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring the Disclaimer. The information depicted on this map represents the results of a survey conducted in accordance with the standards and procedures of the U.S. Army Corps of Engineers. This data is intended for U.S. Army Corps of Engineers internal use. Present owners' rights are hereby affirmed.

U.S. ARMY CORPS OF ENGINEERS

| | |
|--------------|------------------------|
| Submitted: | Surveyed By: JIC & RCC |
| Recommended: | Plotted By: TSS |
| Approved: | Checked By: MSK |

**MISSISSIPPI RIVER - B. R. TO GULF
 SOUTHWEST PASS - SHEET 11
 SW_11_SWPX_20240822_CS
 22 August 2024**

**Sheet
 Reference
 Number
 11
 of
 13**

Revision Number:
 5.23.12.3-3.23.12.3