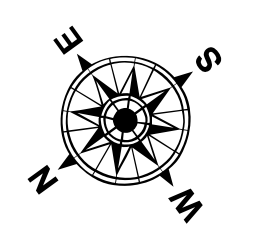
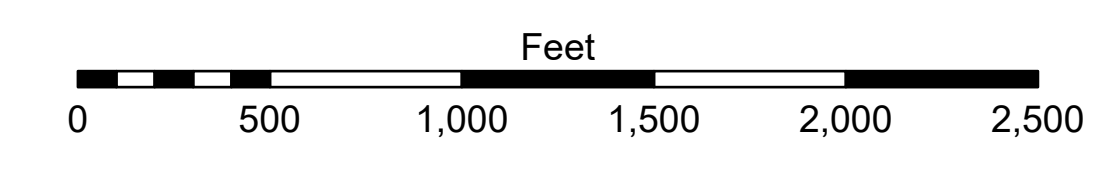


**LEGEND**

--- 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: 1.4 MLLW @ EAST JETTY (01670) @ 1055  
 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 = 0.79' MLLW = 4.29' MLG  
 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 originally prepared, and that the data are not to be used for any purpose other than that for which they were originally prepared. The user is responsible for the results of any application of the data for other than its intended purpose. The United States Government does not warrant the accuracy, completeness, or reliability of the data furnished. The United States Government does not assume any liability whatsoever to any person by reason of any use of the data for any purpose other than that for which they were originally 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 United States Army Corps of Engineers. The information is not to be used for any purpose other than that for which it was originally prepared. The user is responsible for the results of any application of the data for other than its intended purpose. The United States Government does not warrant the accuracy, completeness, or reliability of the data furnished. The United States Government does not assume any liability whatsoever to any person by reason of any use of the data for any purpose other than that for which they were originally 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.

U.S. ARMY CORPS OF ENGINEERS	
Submitted:	Surveyed By: JUC & MGF
Recommended:	Plotted By: TSS
Approved:	Checked By: MSK

**MISSISSIPPI RIVER - B. R. TO GULF  
 SOUTHWEST PASS - SHEET 11  
 SW\_11\_SWP\_20240702\_CS  
 02 July 2024**

**Sheet  
 Reference  
 Number  
 11 of 13**

Revision Number:  
 5.23.12.3-3.23.12.3