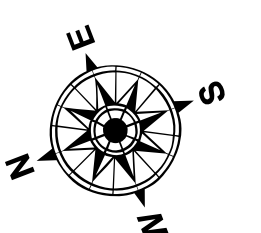
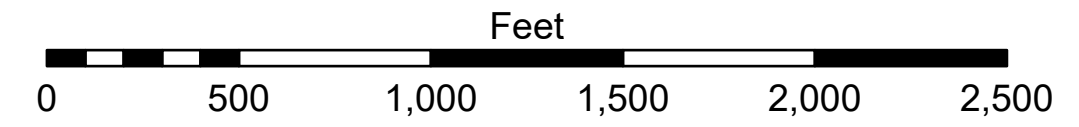


LEGEND	
--- Federal Navigation Channel	● Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	★ Wrecks-Submerged
3 Fluff Thickness (feet)*	■ Borrow Area
● Shoalest Sounding**	★ Beacon, General
★ Red Navigation Buoy	● 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: 2.3 MLLW @ EAST JETTY (01670) @ 1120
 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: 2.3 MLLW @ EAST JETTY (01670) @ 1120
 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 them with the express understanding that the Government makes no warranty, expressed or implied concerning the accuracy, completeness, reliability, or the use of the data. The recipient shall be under no liability whatsoever to any person by reason of any use of the data, or any reliance on the data, or any other information derived therefrom. The recipient shall be responsible for the accuracy, completeness, reliability, or the use of the data, or any other information derived therefrom. The recipient shall be responsible for the accuracy, completeness, reliability, or the use of the data, or any other information derived therefrom. The recipient shall be responsible for the accuracy, completeness, reliability, or the use of the data, or any other information derived therefrom.

U.S. ARMY CORPS OF ENGINEERS	
Submitted: JUC & RCC	Plotted By: TSS
Recommended: Chief, Survey Section	Checked By: MSK
Approved: Chief, Waterways Maintenance Section	

**MISSISSIPPI RIVER - B. R. TO GULF
 SOUTHWEST PASS - SHEET 13
 SW_13_SWPX_20240917_CS
 17 September 2024**

**Sheet Reference Number
 13 of 13**

Revision Number: 5.23.12.3-3.23.12.3