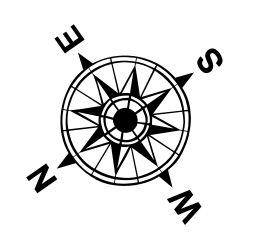


LEGEND		3 Fluff Thickness (feet)*	
--- Federal Navigation Channel	○ Cable Area	Blue	-10' and above
— Federal Navigation Center Line	□ Placement Area	Light Blue	-10' to -20'
— As-built Pipeline/Cable	□ Anchorage Area	Yellow	-20' to -30'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	Orange	-30'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



Gage Reading: 0.7 MLLW @ LIGHT 14 (01625) @ 1310
 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: 0.7 MLLW @ LIGHT 14 (01625) @ 1310
 Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16). Datum Relationships for gage 01625 as of March 2020: 0.0' NAVD83, 2009.55 = 0.40' MLLW = 3.90' 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 data represented on this map were derived from the results of data collection and processing for a specific US Army Corps of Engineers activity and are not intended for use for any other purpose. The user is responsible for the results of any application of the data for other than its intended purpose. The Corps does not warrant the accuracy of the data. The Corps does not assume any liability for any damage or injury resulting from the use of the data. The Corps does not assume any liability for any damage or injury resulting from the use of the data. The Corps does not assume any liability for any damage or injury resulting from the use of the data.

Submitted:	JUC & RCC
Recommended:	TSS
Approved:	MSK

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 9
 SW_09_SWP_20240912_CS
 12 September 2024**

**Sheet Reference Number
 9 of 13**

Revision Number: 5.13.12.3.12.3