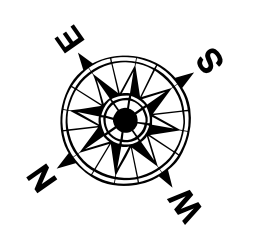
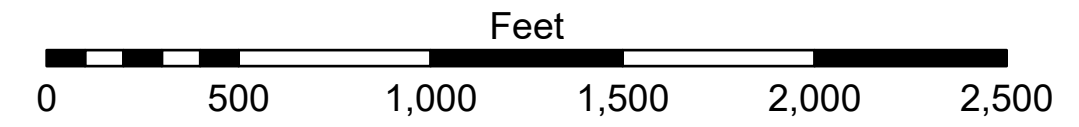


**LEGEND**

--- 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: 1.3 MLLW @ LIGHT 14 (01625) @ 1050  
 Sea Conditions: CALM  
 Vessel Name: OB 173  
 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: Mean Lower Low Water (MLLW, 12-16).  
 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 = 3.90' 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 based 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, reliability, or the data furnished. The United States Government makes no warranty, express or implied, in the use of the data for any purpose other than that for which they were prepared. The recipient may not transfer these data to others without obtaining the permission of the Government. The information depicted on this map represents the results of a survey conducted on or about the date shown on the map. The information is not to be used for any purpose other than that for which it was prepared. The recipient may not transfer these data to others without obtaining the permission of the Government. The information depicted on this map represents the results of a survey conducted on or about the date shown on the map. The information is not to be used for any purpose other than that for which it was prepared. The recipient may not transfer these data to others without obtaining the permission of the Government.

Submitted:	Surveyed By: JTB & DBD
Recommended:	Plotted By: LLD
Approved:	Checked By: MSK

U.S. ARMY CORPS OF ENGINEERS  
 Other Waterways Maintenance Section

**MISSISSIPPI RIVER - B. R. TO GULF  
 SOUTHWEST PASS - SHEET 9  
 SW\_09\_SWPX\_20240801\_CS  
 01 August 2024**

**Sheet  
 Reference  
 Number  
 9 of 13**

Revision Number:  
 5.23.12.3-23.12.3