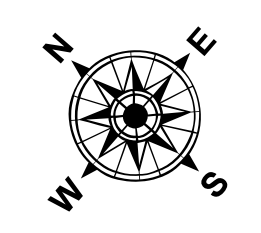
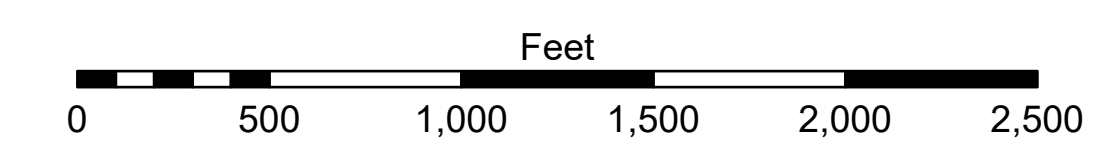


**LEGEND**

--- 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: 0.7 MLLW @ VENICE (01480) @ 0930  
 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: 0.7 MLLW @ VENICE (01480) @ 0930  
 Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16). Datum Relationships for gage 01480 as of March 2020: 0.0' NAVD83, 2009.55 = -0.53' MLLW = 2.97' 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.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 warranted for accuracy, completeness, reliability, usability or suitability for any particular purpose and that the recipient shall be responsible for the accuracy, completeness, reliability, usability or suitability of the data for other than its intended purpose. The United States Government makes no warranty, express or implied, regarding the accuracy, completeness, reliability, usability or suitability of the data for other than its intended purpose. The recipient shall be responsible for the accuracy, completeness, reliability, usability or suitability of the data for other than its intended purpose. The recipient shall be responsible for the accuracy, completeness, reliability, usability or suitability of the data for other than its intended purpose. The recipient shall be responsible for the accuracy, completeness, reliability, usability or suitability of the data for other than its intended purpose.

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

U.S. ARMY CORPS OF ENGINEERS  
 Chief, Survey Section  
 Chief, Waterways Maintenance Section

**MISSISSIPPI RIVER - B. R. TO GULF  
 SOUTHWEST PASS - SHEET 1  
 SW\_01\_SWPX\_20240715\_CS\_B2B  
 15 July 2024**

**Sheet  
 Reference  
 Number  
 1 of 13**

Revision Number:  
 5.23.12.3-3.12.3