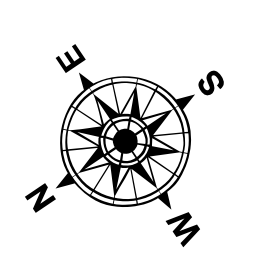
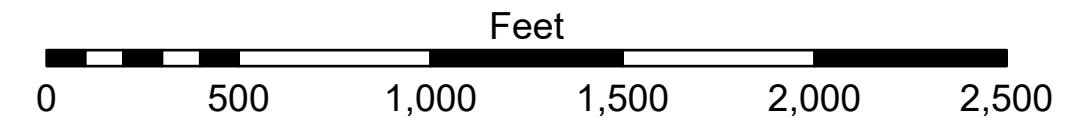


**LEGEND**

--- 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: 1.0 MLLW @ LIGHT 21 (01575) @ 1000  
 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, 12-15).  
 Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-15). Datum Relationships for gage 01575 as of March 2020: 0.0' NAVD83, 2009.55 = 0.10' MLLW = 3.60' 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 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 in any other application. 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 for any other use. The Corps does not warrant the accuracy of the data for any other use. The Corps does not warrant the accuracy of the data for any other use. The Corps does not warrant the accuracy of the data for any other use.

**DISCLAIMER:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, expressed or implied, concerning the accuracy, completeness, timeliness, or the data furnished. The United States Government is not liable for any damage or loss, including consequential damage, resulting from the use of these data. The recipient may not transfer these data to others without obtaining the permission of the United States Government. The recipient may not transfer these data to others without obtaining the permission of the United States Government. The recipient may not transfer these data to others without obtaining the permission of the United States Government. The recipient may not transfer these data to others without obtaining the permission of the United States Government.

Submitted:	Surveyed By:	Checked By:
Recommended:	LB & DED	MSK
Approved:	Plotted By:	
	TSS	

U.S. ARMY CORPS OF ENGINEERS  
 MISSISSIPPI RIVER - B.R. TO GULF  
 SOUTHWEST PASS - SHEET 8  
 SW\_08\_SWPX\_20240919\_CS  
 19 September 2024

**Sheet Reference Number**  
 8 of 13  
 Revision Number:  
 5.23.12.3-3.12.3