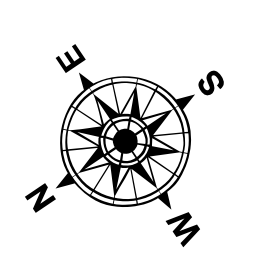
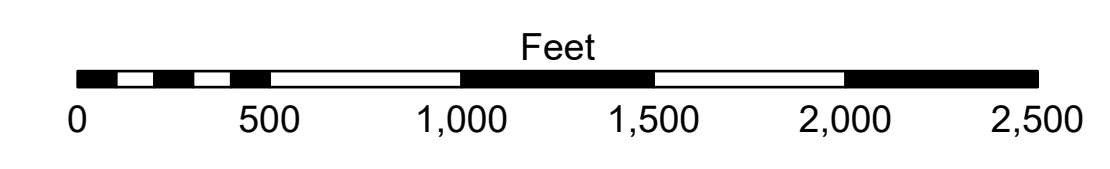


LEGEND	
--- Federal Navigation Channel	● Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	★ Wrecks-Submerged
3 Fluff Thickness (feet)*	★ Beacon, General
□ Borrow Area	◆ Red Navigation Buoy
● Shoalest Sounding**	◆ 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: 1.5 MLLW @ MM 7.5 LT-21 (01575) @ 1125  
 Sea Conditions: ROUGH  
 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 by this map is the result of a collection of data from various sources. The user is responsible for the accuracy of the data and for the application of the data for other than its intended purpose. The user is responsible for the accuracy of the data and for the application of the data for other than its intended purpose. The user is responsible for the accuracy of the data and for the application of the data for other than its intended purpose.

**DISCLAIMER:** The United States Government furnishes this data and the recipient is responsible for the accuracy of the data and for the application of the data for other than its intended purpose. The user is responsible for the accuracy of the data and for the application of the data for other than its intended purpose. The user is responsible for the accuracy of the data and for the application of the data for other than its intended purpose.

Submitted:	Surveyed By: JTB & MGF
Recommended:	Plotted By: TSS
Approved:	Checked By: MSK

U.S. ARMY CORPS OF ENGINEERS  
 MISSISSIPPI RIVER - B.R. TO GULF  
 SOUTHWEST PASS - SHEET 8  
 SW\_08\_SWPX\_20240709\_CS  
 09 July 2024

**Sheet Reference Number**  
 8 of 13  
 Revision Number:  
 5.23.12-3.23.12.3