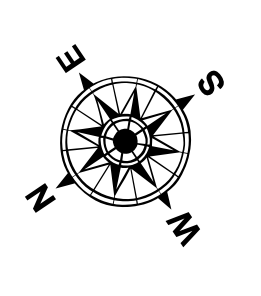
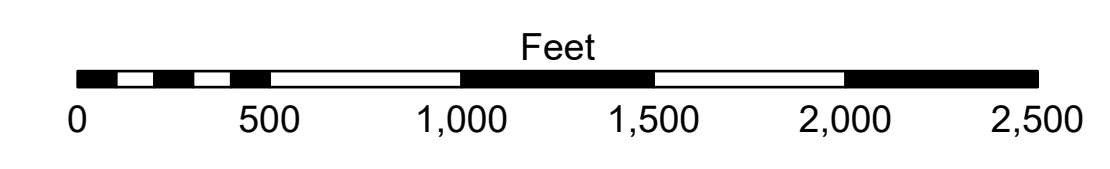


**LEGEND**

--- 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: 0.8 MLLW @ MM 7.2 LT 21 (01575) @ 0840  
 Sea Conditions: CALM  
 Vessel Name: TOBIN & 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 Low Water (MLLW, 12-15).  
 Soundings are shown in feet and indicate depths below Mean 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 data is not guaranteed to be accurate or complete. The user is responsible for the results of any application of the data for other than its intended use. The data is not to be used for any purpose other than that for which it was collected. The user is responsible for the results of any application of the data for other than its intended use. The data is not to be used for any purpose other than that for which it was collected. The user is responsible for the results of any application of the data for other than its intended use.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted By: RCB & JTB	Plotted By: TSS
Recommended By: Chief, Survey Section	Checked By: MSK
Approved:	Other, Waterways Maintenance Section

**MISSISSIPPI RIVER - B.R. TO GULF  
 SOUTHWEST PASS - SHEET 8  
 SW\_08\_SWPX\_20250312\_CS  
 12 March 2025**

**Sheet Reference Number  
 8 of 13**

Revision Number:  
5.23.12-3.23.12.3