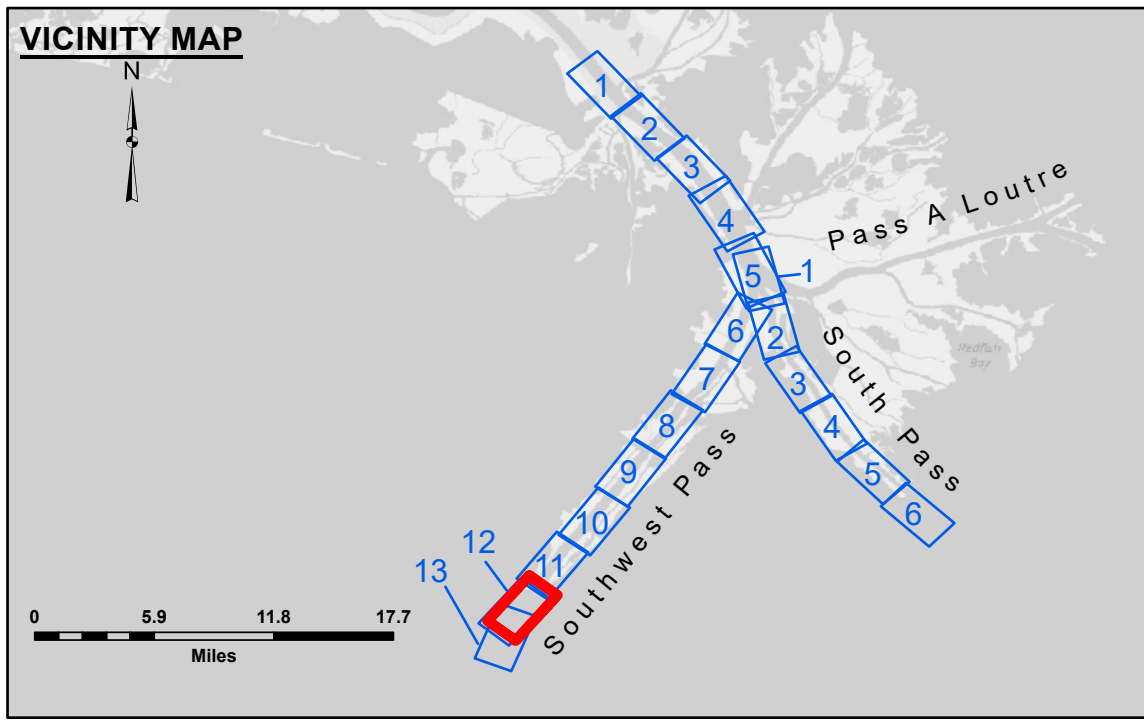


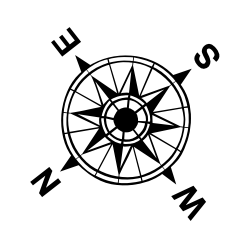
**DISCLAIMER:** The data represented on this map is the result of data collection and processing for a specific US Army Corps of Engineers activity and is not intended for use for any other purpose. The user is responsible for the accuracy, completeness, and reliability of the data. The user is responsible for the results of any application of the data for other than its intended purpose. The Corps does not warrant the accuracy, completeness, or reliability of the data. The Corps does not warrant the accuracy, completeness, or reliability of the data. The Corps does not warrant the accuracy, completeness, or reliability of the data. The Corps does not warrant the accuracy, completeness, or reliability of the data.

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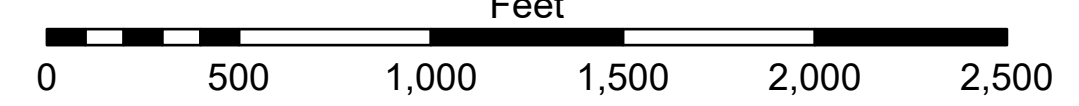
U.S. ARMY CORPS OF ENGINEERS	
Submitted:	Surveyed By: JUC & RCC
Recommended:	Plotted By: TSS
Approved:	Checked By: MSK



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)*	■ Borrow Area
● Shoalest Sounding**	★ Beacon, General
★ Red Navigation Buoy	◆ 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: 2.1 MLLW @ EAST JETTY (01670) @ 1100  
 Sea Conditions: CALM  
 Vessel Name: TOBIN  
 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: 12.1 MLLW @ EAST JETTY (01670) @ 1100  
 Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16). Datum Relationships for gage 01670 as of March 2020: 0.0' NAVD88, 2009.55 = 0.79' MLLW = 4.29' 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. 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.

**MISSISSIPPI RIVER - B. R. TO GULF  
 SOUTHWEST PASS - SHEET 12  
 SW\_12\_SWPX\_20240820\_CS  
 20 August 2024**

**Sheet  
 Reference  
 Number  
 12 of 13**

Revision Number:  
 5.23.12-3.23.12.3