

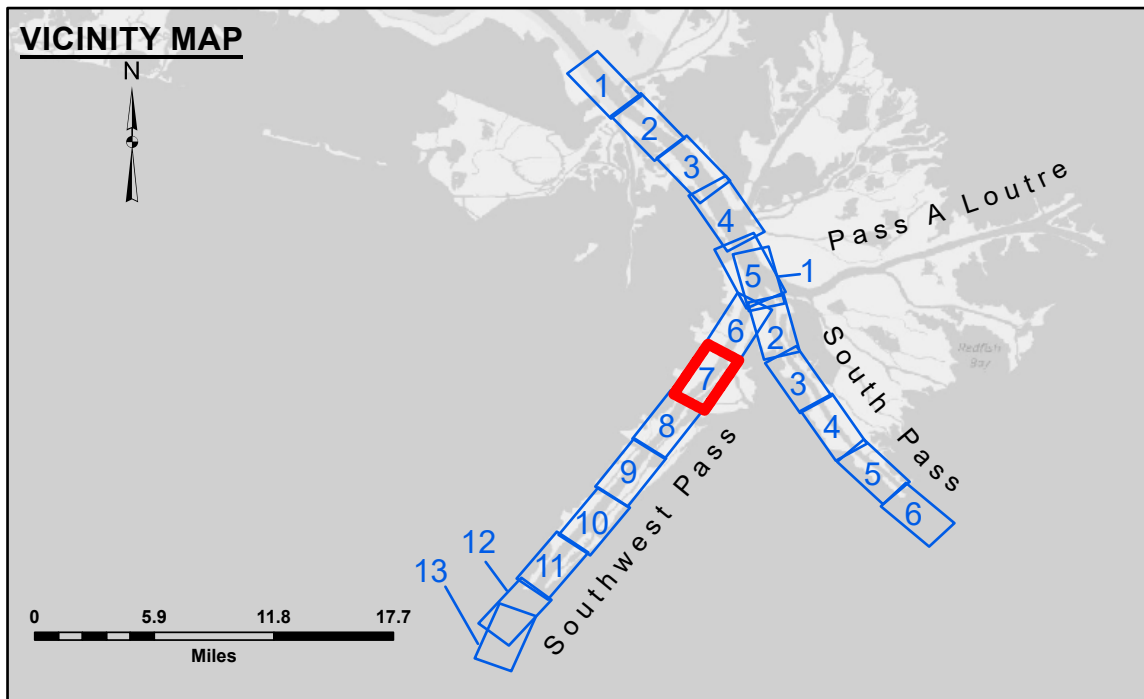
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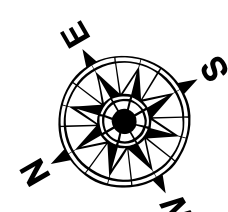
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Submitted:	Surveyed By: LLB & DED
Recommended:	Plotted By: RSL
Approved:	Checked By: MSK

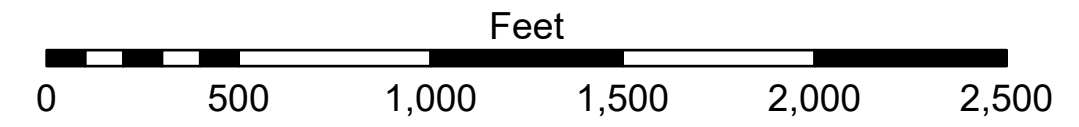
**MISSISSIPPI RIVER - B. R. TO GULF  
SOUTHWEST PASS - SHEET 7  
SW\_07\_SWPX\_20240716\_CS  
16 July 2024**



LEGEND	
--- Federal Navigation Channel	3 Fluff Thickness (feet)*
— Federal Navigation Center Line	□ Borrow Area
— As-built Pipeline/Cable	● Shoalest Sounding**
..... Unconfirmed Pipeline/Cable	★ Beacon, General
— Project Depth Contour	◆ Red Navigation Buoy
○ Cable Area	◆ Green Navigation Buoy
□ Placement Area	■ -10' and above
⊗ Obstruction Point	■ -10' to -20'
★ Wrecks-Submerged	■ -20' to -30'
	■ -30' to -40'
	■ -40' to -45'
	■ -45' to -50'
	■ -50' to -55'
	■ -55' and below



Gage Reading: 1.1 MLLW @ HEAD OF PASSES (01545) @ 0850  
 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.  
 Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16). Datum Relationships for gage 01545 as of March 2020: 0.0' NAVD86, 2009.55 = -0.32' MLLW = 3.16' MLG  
 Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.  
 The location of navigation aids are based 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.

**Sheet  
Reference  
Number  
7  
of  
13**

Revision Number: 5.23.12-3.23.12.3