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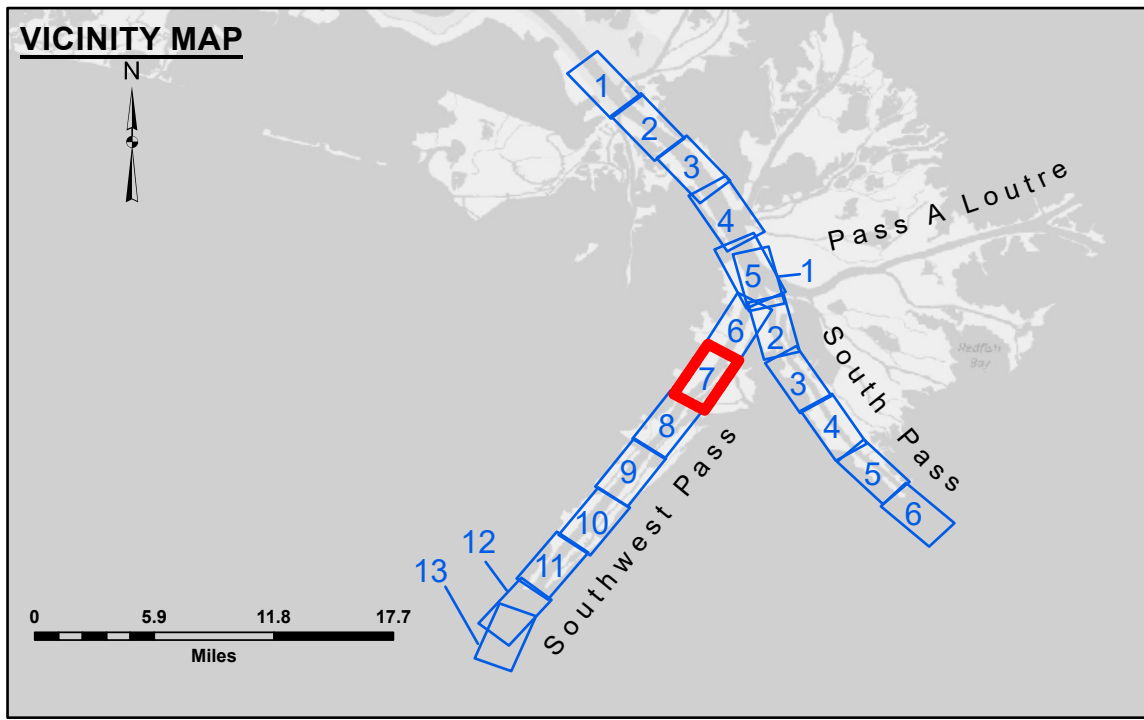
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Submitted:	Surveyed By:	JTB & DED
Recommended:	Plotted By:	LLD
Approved:	Checked By:	MSK

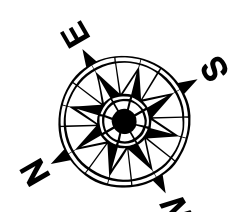
U.S. ARMY CORPS OF ENGINEERS  
Other Waterways Maintenance Section

**MISSISSIPPI RIVER - B. R. TO GULF  
SOUTHWEST PASS - SHEET 7  
SW\_07\_SWPX\_20240801\_CS  
01 August 2024**

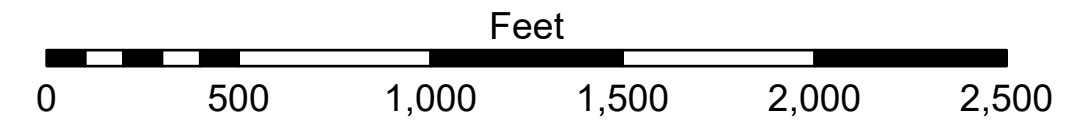
**Sheet  
Reference  
Number  
7 of 13**



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



Gage Reading: 1.5 MLLW @ H.O.P. (01545 OD) @ 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.  
 Vertical Datum: Mean Lower Low Water (MLLW, 12-16).  
 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 = 3.18' 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.