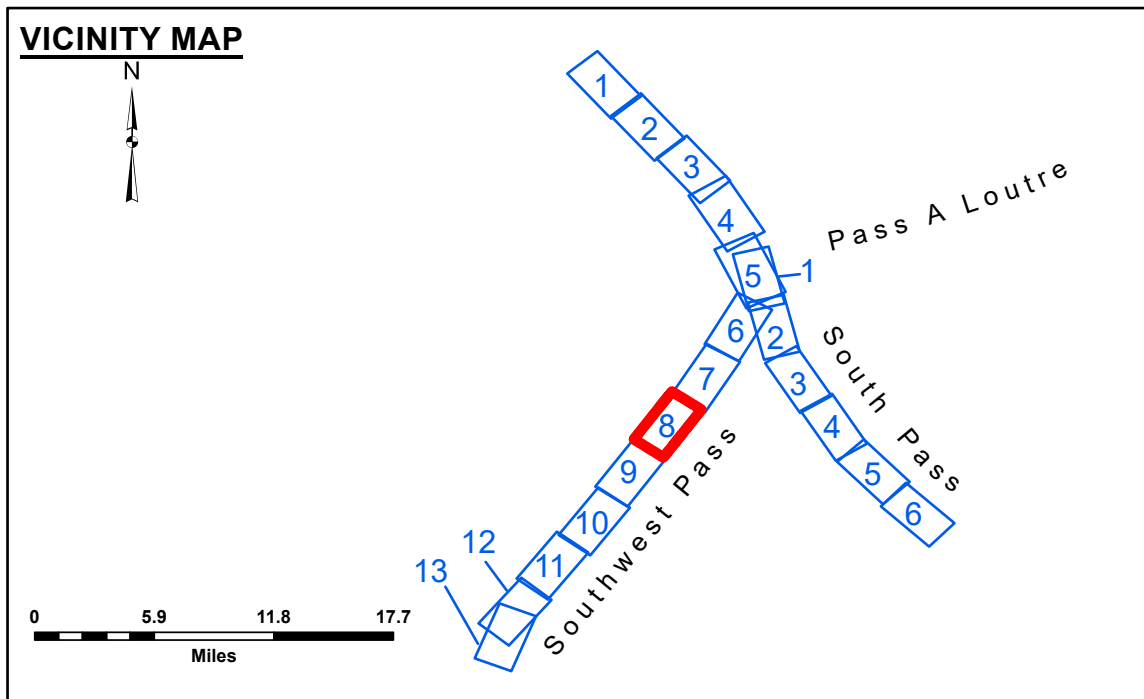


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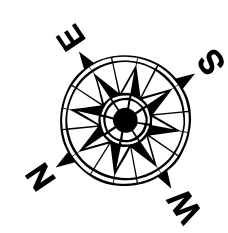
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Submitted:	Surveyed By:	JTB & DED
Recommended:	Plotted By:	TSS
Approved:	Chief, Survey Section	MSK
Checked By:	Other, Waterways Maintenance Section	

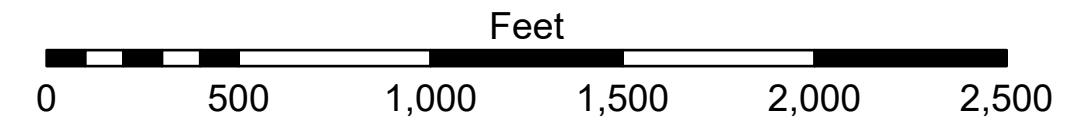
**MISSISSIPPI RIVER - B. R. TO GULF
SOUTHWEST PASS - SHEET 8
SW_08_SWPX_20240905_CS
05 September 2024**



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



Gage Reading: 1.5 MLLW @ MM 7.5 LT-21 (01575) @ 1030
 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 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.

**Sheet
Reference
Number
8 of 13**

Revision Number: 5.23.12-3.23.12.3