

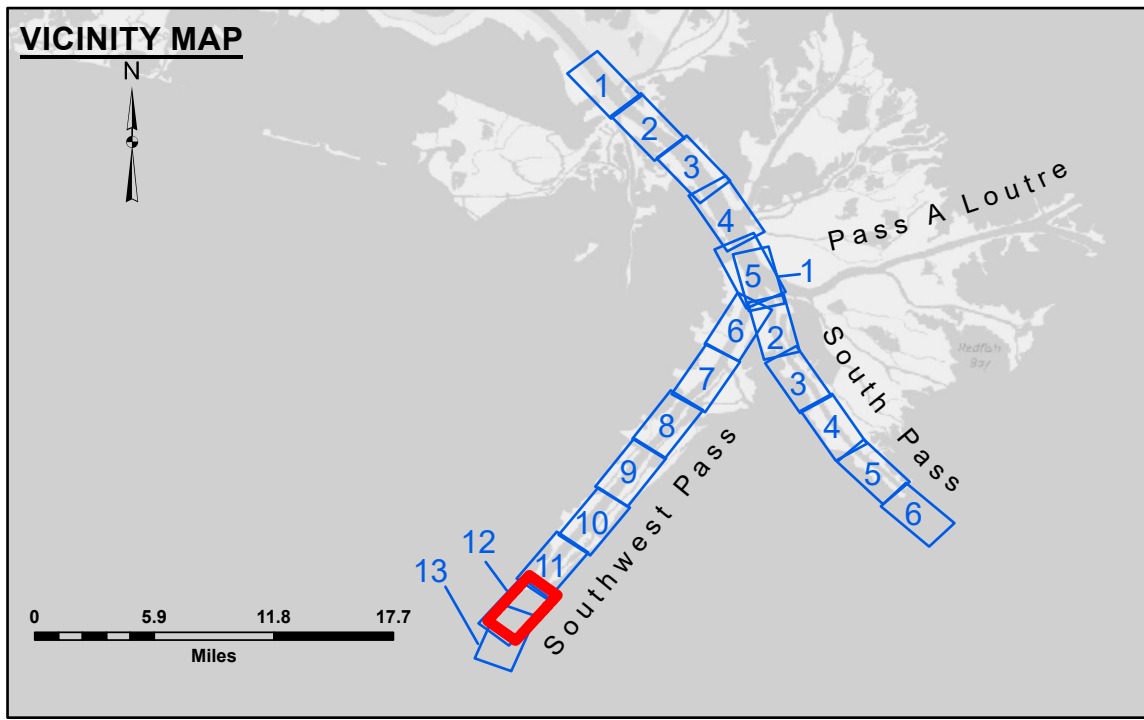
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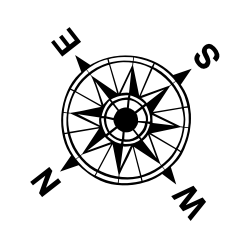
Submitted:	Surveyed By:	JUC & RCC
Recommended:	Plotted By:	LLD
Approved:	Chief, Survey Section	MSK
Approved:	Chief, Waterways Maintenance Section	

**MISSISSIPPI RIVER - B. R. TO GULF
SOUTHWEST PASS - SHEET 12
SW_12_SWPX_20240801_CS
01 August 2024**

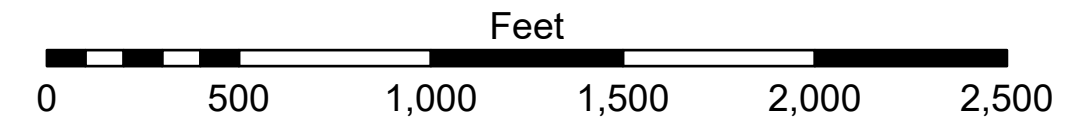
**Sheet
Reference
Number
12 of 13**



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



Gage Reading: 1.9 MLLW @ EAST JETTY (01670) @ 1050
 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: 12-16 Mean Low Water (MLLW, 12-16).
 Soundings are shown in feet and indicate depths below Mean 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.