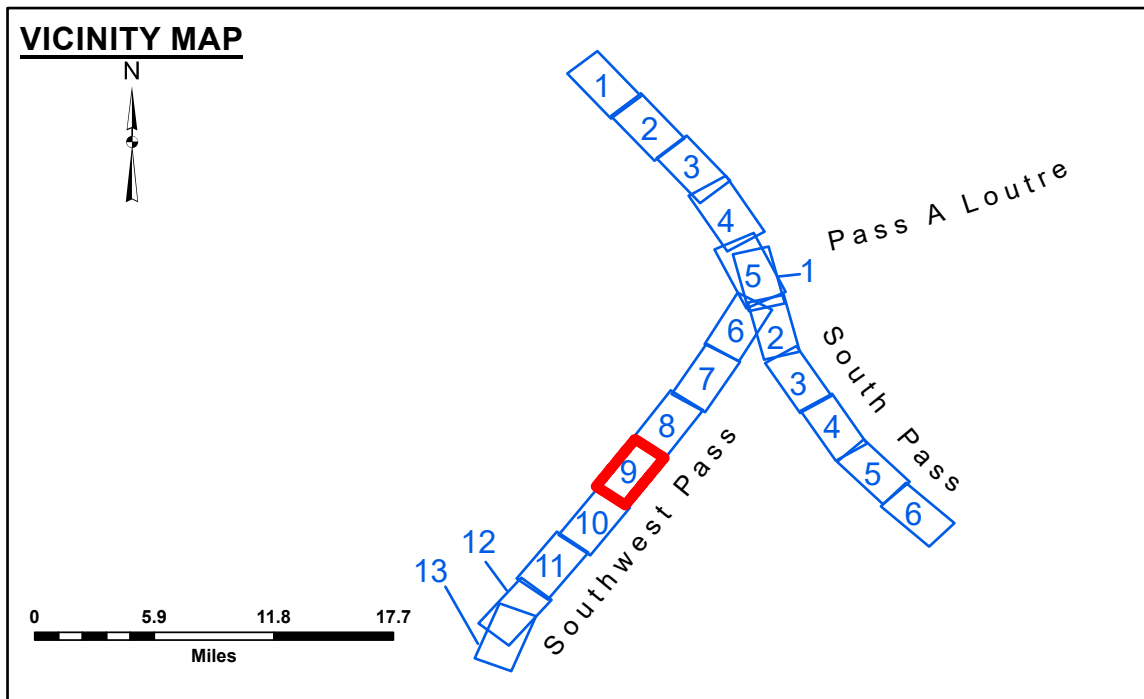


DISCLAIMER: The data represented on this map were collected by the Corps of Engineers and are not intended for use in any other application. The user is responsible for the results of the application of the data for other than its intended purpose. The Corps of Engineers is not liable for any damage or injury resulting from the use of this map. The data is provided as a service to the user and is not intended to be used as a substitute for a professional survey. The data is provided as a service to the user and is not intended to be used as a substitute for a professional survey. The data is provided as a service to the user and is not intended to be used as a substitute for a professional survey.

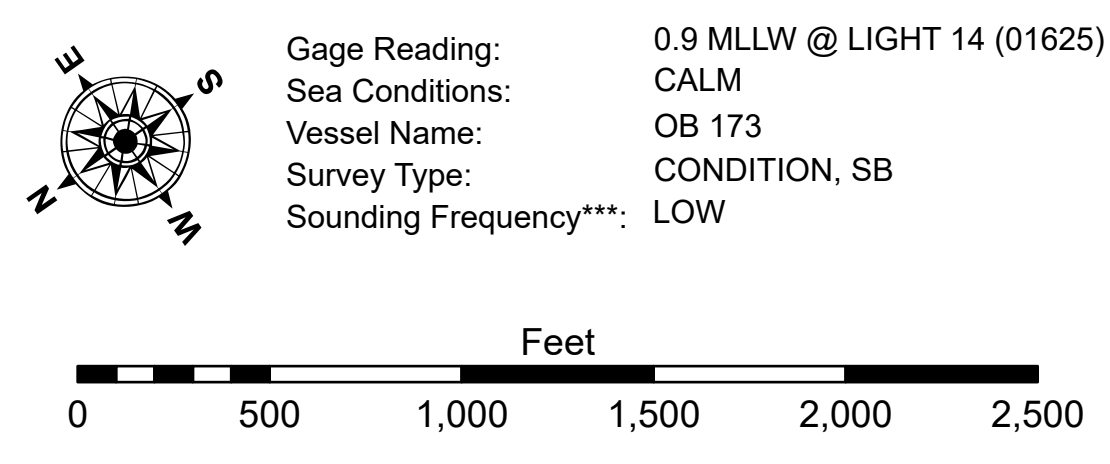
Submitted:	Surveyed By:	JTB & DBD
Recommended:	Plotted By:	LLD
Approved:	Chief, Survey Section	MSK
Other, Waterways Maintenance Section		

**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 9
SW_09_SWPX_20241010_CS
10 October 2024**

**Sheet
Reference
Number
9 of 13**



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**		



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: 0.9 MLLW @ LIGHT 14 (01625) @ 1000.
Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16). Datum Relationships for gage 01625 as of March 2020: 0.0' NAVD83, 2009.55 = 0.40' MLLW = 3.90' 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. 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.