

DISCLAIMER: The data represented by the symbols, colors, and line styles on this map are the result of a collection of data from various sources. The Corps of Engineers is not responsible for the accuracy of the data or the results of any application of the data for other than its intended purpose. The user is responsible for the results of any application of the data for other than its intended purpose.

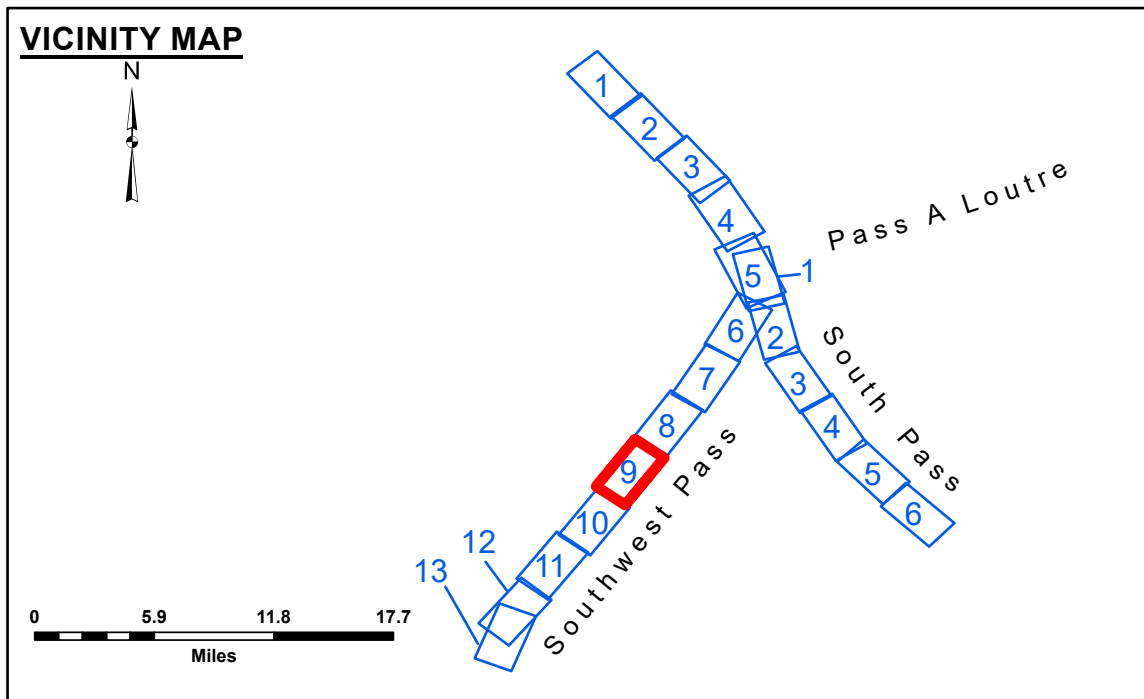
CONTRACTORS: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activity and natural shoaling and scouring processes. The U.S. Army Corps of Engineers does not warrant the accuracy of the hydrographic data shown on this map. This data is intended for U.S. Army Corps of Engineers use only.

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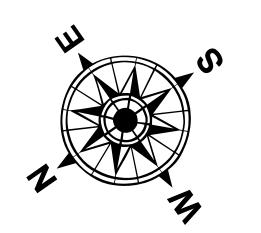
| | |
|--------------------------------------|--------------|
| Submitted: | Surveyed By: |
| Recommended: | JTB & DED |
| Approved: | Plotted By: |
| Chief, Survey Section | TSS |
| Other, Waterways Maintenance Section | Checked By: |
| | MSK |

**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 9
SW_09_SWPX_20241024_CS
24 October 2024**

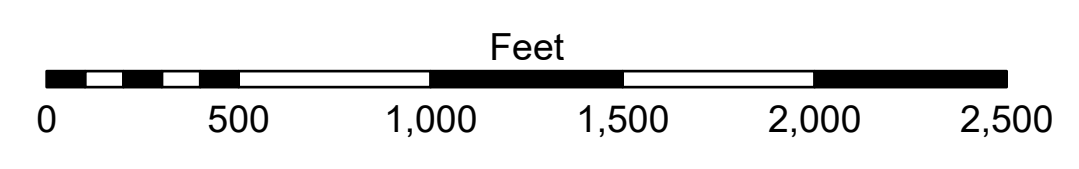
**Sheet
Reference
Number
9 of 13**



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



Gage Reading: 0.4 MLLW @ LIGHT 14 (01625) @ 1025
 Sea Conditions: CALM
 Vessel Name: OB173
 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 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.

Revision Number: 5.3.12.3-3.23.12.3