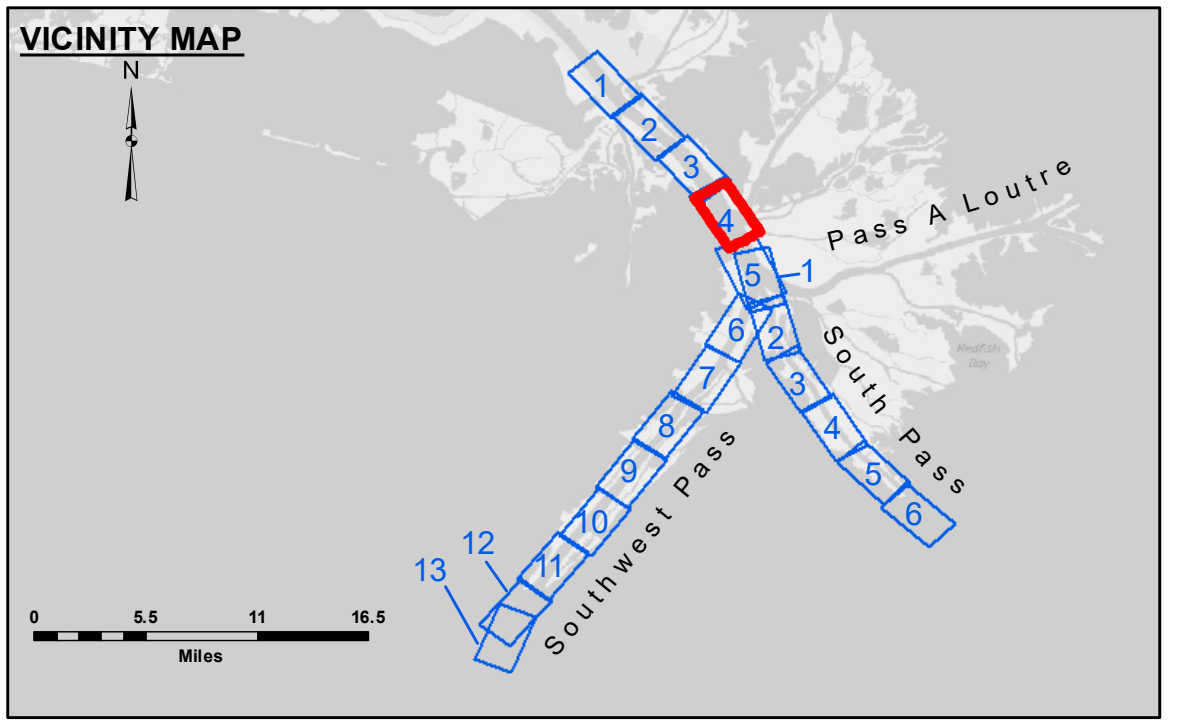


Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results. The user must apply the appropriate data for their intended purpose.

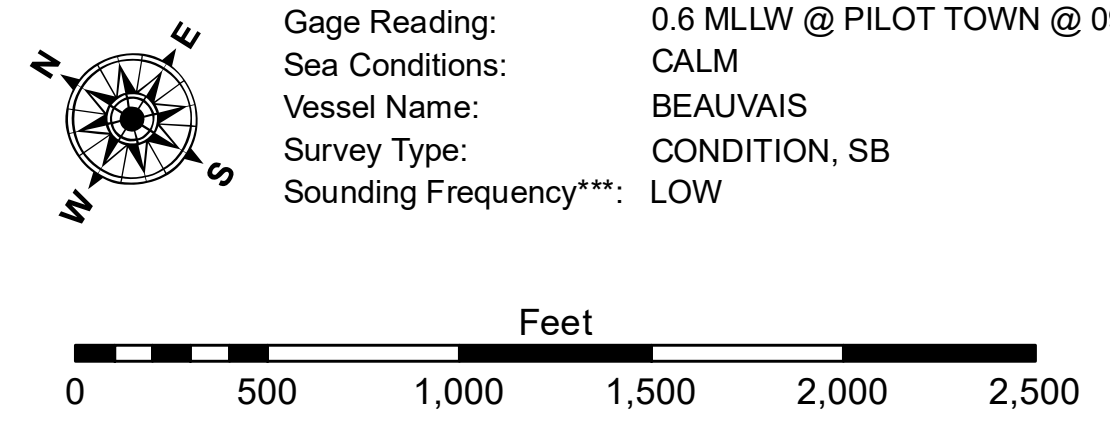
Data Constants: Hydrographic survey data is subject to change frequently due to several factors including but not limited to dredging, channel migration, and changes in the bathymetry of the waterway. The user is responsible for the data. The information depicted on the map represents the results of a survey conducted on the date of the survey. The user is responsible for the data. The information depicted on the map represents the results of a survey conducted on the date of the survey. The user is responsible for the data.

Surveyed By: JUC & MGF	Plotted By: TSS	Checked By: MSK
Submitted:	Recommended: Chief Survey Section	Approved: Chief Waterways Maintenance Section

**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 4
SW_04_SWP_20230816_CS_B2B
16 August 2023**



LEGEND			
---	Federal Navigation Channel	●	Cable Area
—	Federal Navigation Center Line	■	Placement Area
—	As-built Pipeline/Cable	□	Anchorage Area
.....	Unconfirmed Pipeline/Cable	☆	Beacon, General
—	Project Depth Contour	◆	Red Navigation Buoy
		◆	Green Navigation Buoy
		★	Wrecks-Submerged
		★	Beacon, General
		★	Red Navigation Buoy
		★	Green Navigation Buoy
		★	Wrecks-Submerged



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: Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16). Datum Relationships for gage 01525 as of March 2020: 0.0' NAVD83, 2009.55 = -0.53' MLLW = 2.97' 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.
 2022 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.

**Sheet Reference Number
4 of 13**

Revision Number:
4.2-20230820