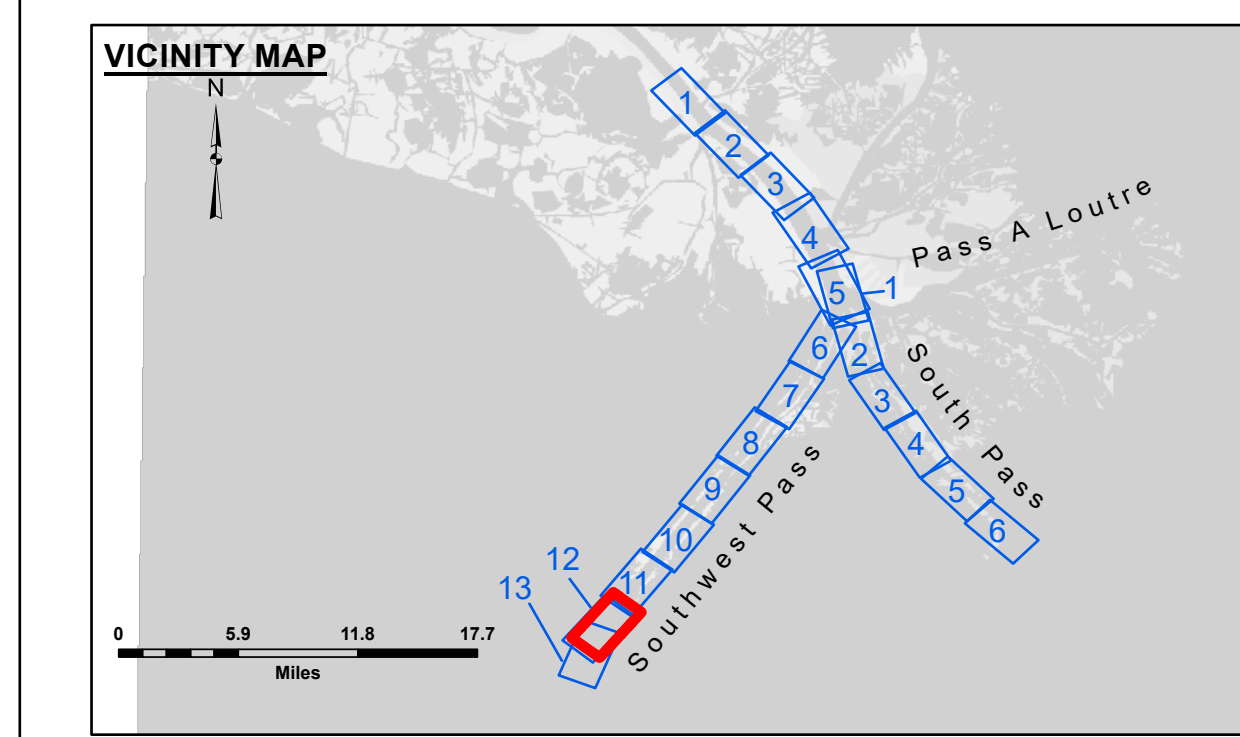
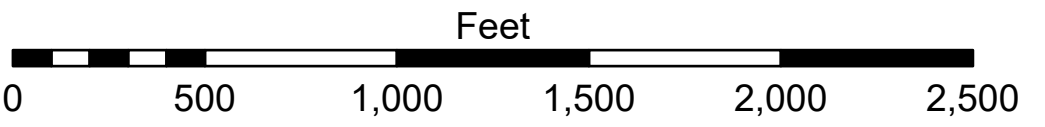
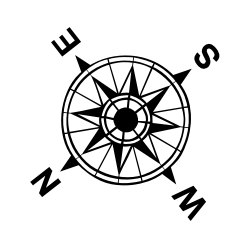




LEGEND			
	Federal Navigation Channel		Cable Area
	Federal Navigation Center Line		Placement Area
	As-built Pipeline/Cable		Anchorage Area
	Unconfirmed Pipeline/Cable		Obstruction Point
	Project Depth Contour		Wrecks-Submerged
			Fluff Thickness (feet)*
			Borrow Area
			Shoalest Sounding**
			Beacon, General
			Red Navigation Buoy
			Green Navigation Buoy
			-10' and above
			-10' to -20'
			-20' to -30'
			-30' to -40'
			-40' to -45'
			-45' to -50'
			-50' to -55'
			-55' and below



Gage Reading: 1.3 MLLW @ MILE 17.9 @ 1105
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:
Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16).
Datum Relationships for gage 01670 as of March 2020:
0.0' NAD08, 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.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 bathometer settings.



**US Army Corps
of Engineers
District: CEMVN**

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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		Submitted _____ Recommended: Chief, Survey Section _____ Approved: Chief, Waterways Maintenance Section _____	Surveyed By: DBD & JJC Plotted By: TSS Checked By: MSK
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MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 12
SW_12_SWPX_20250827_CS
27 August 2025

**Sheet
Reference
Number
12 of 13**