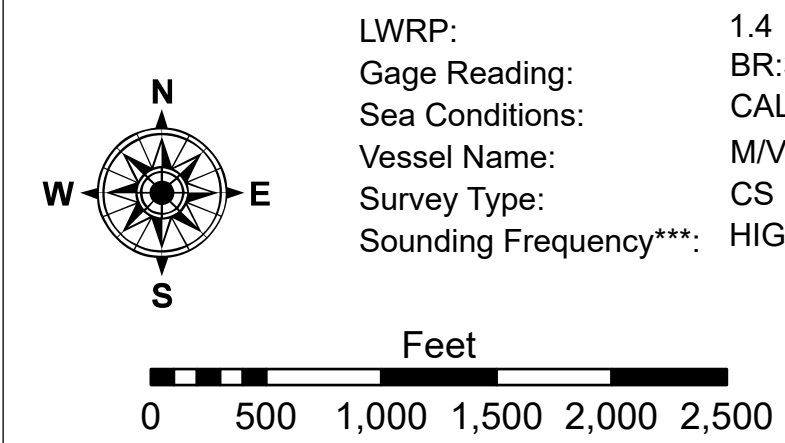


LEGEND		
Federal Navigation Channel	Cable Area	Borrow Area
Federal Navigation Center Line	Placement Area	Shoalest Sounding**
As-built Pipeline/Cable	Anchorage Area	Beacon, General
Unconfirmed Pipeline/Cable	Obstruction Point	Red Navigation Buoy
Project Depth Contour	Wrecks-Submerged	Green Navigation Buoy
		0' and above 0' to -5' -5' to -10' -10' to -20' -20' to -30' -30' to -35' -35' to -40' -40' to 45' 45' to 50' 50' and below



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 Low Water Reference Plane 2007 (NAVD).

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 and USACE crew.

2021 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.

Reference is N.O.A.A. Navigation Chart No. 11370.

**** 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 (20 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.**



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

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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		Surveyed By: RYLAND/ADAMS
Submitted _____		
Recommended: Chief Survey Section _____		Plotted By: BD _____
Approved: _____	Chief Waterways Maintenance Section	Checked By: AO/JH _____

MISSISSIPPI RIVER - B.R. TO GULF
SMOKE BEND CROSSING
MD_22_SMB_20250604_CS
04 June 2025

Sheet
Reference
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