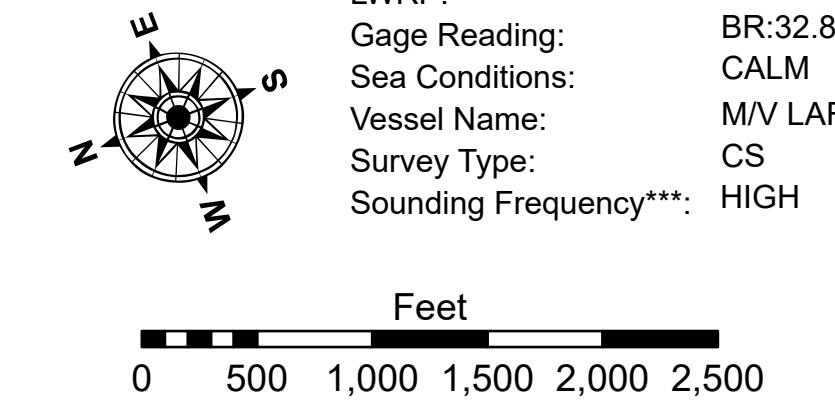


LEGEND	
— Federal Navigation Channel	○ ○ ○ Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	☒ Obstruction Point
— Project Depth Contour	★ Beacon, General
	◆ Red Navigation Buoy
	◆ Green Navigation Buoy
	● Wrecks-Submerged
	■ Borrow Area
	● Shoalest Sounding**
	◆ Beacon, General
	◆ Red Navigation Buoy
	◆ Green Navigation Buoy



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Plotted By:	BD
Checked By:	AODH
Submitted:	
Recommended:	
Chief, Survey Section	
Approved:	
Chief Waterways Maintenance Section	

MISSISSIPPI RIVER - B.R. TO GULF
REDEYE CROSSING
MD_04_RED_20250529_CS
29 May 2025

**Sheet
Reference
Number**
4 of 97

Revision Number:
5.25.04.03-5.25.04.03

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).

Sea Conditions: CALM

Vessel Name: M/V LAFOURCHE

Survey Type: CS

Sounding Frequency***: HIGH

LWRP: 2.4

Gage Reading: BR:32.8 D:22.2 USED:31.90 NAVD

Mark

Scale: 0 500 1,000 1,500 2,000 2,500 Feet

Notes: 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-AFPO 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.