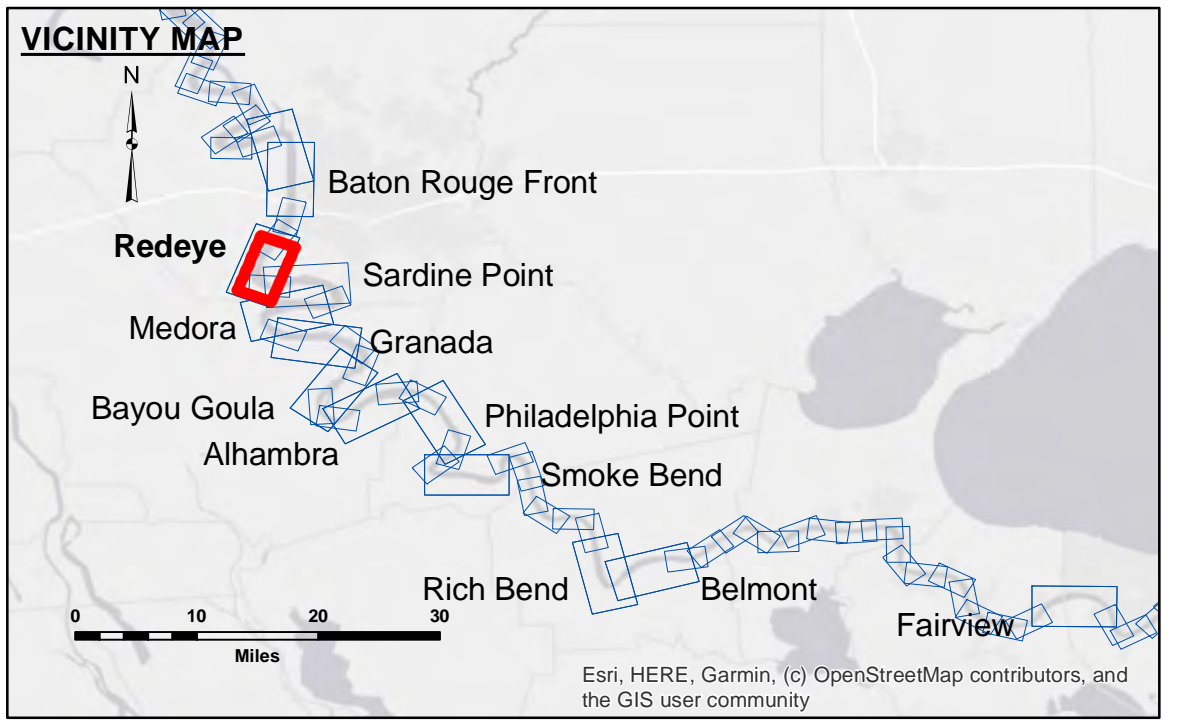


Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of the application of the data for other than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

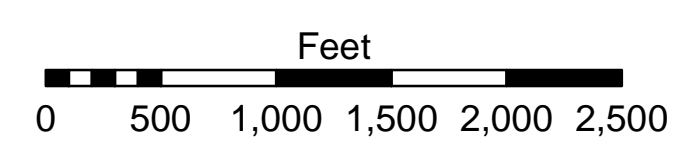
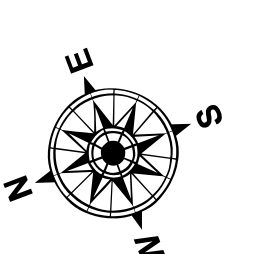
Data Collection: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrological conditions when developed after the date of the survey. The US Army Corps of Engineers accepts no responsibility for changes in the hydrological conditions when developed after the date of the survey. The information depicted on this map represents the results of a survey and is not intended to be used as a substitute for a professional engineer's design. The information is provided for informational purposes only and is not intended to represent the general condition existing at that time.

Submitted:	Surveyed By:	Plotted By:	Checked By:
	RYLAND/SIMMONS	AO	AO
Room/Desk:	Chief, Survey Section		
Approved:	Chief, Waterways Maintenance Section		

**MISSISSIPPI RIVER - B.R. TO GULF
REDEYE CROSSING
MD_04_RED_20240513_CS
13 May 2024**



LEGEND		ELEVATION	
--- Federal Navigation Channel	○ Cable Area	Green	0' and above
— Federal Navigation Center Line	□ Placement Area	Yellow	0' to -5'
— As-built Pipeline/Cable	□ Anchorage Area	Orange	-5' to -10'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	Light Blue	-10' to -20'
— Project Depth Contour	★ Beacon, General	Blue	-20' to -30'
	◆ Wrecks-Submerged	Dark Blue	-30' to -35'
		Pink	-35' to -40'
		Light Purple	-40' to 45'
		White	-45' and below
	□ Borrow Area		
	● Shoalest Sounding**		



LWRP: 2.3
Gage Reading: BR:30.1D:19.9 USED:28.7 NAVD
Sea Conditions: CALM
Vessel Name: LAFOURCHE
Survey Type: CS
Sounding Frequency***: HIGH

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 based on and provided by the U.S. Coast Guard and USACE crew.

2015 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.

Reference is N.O.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.

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