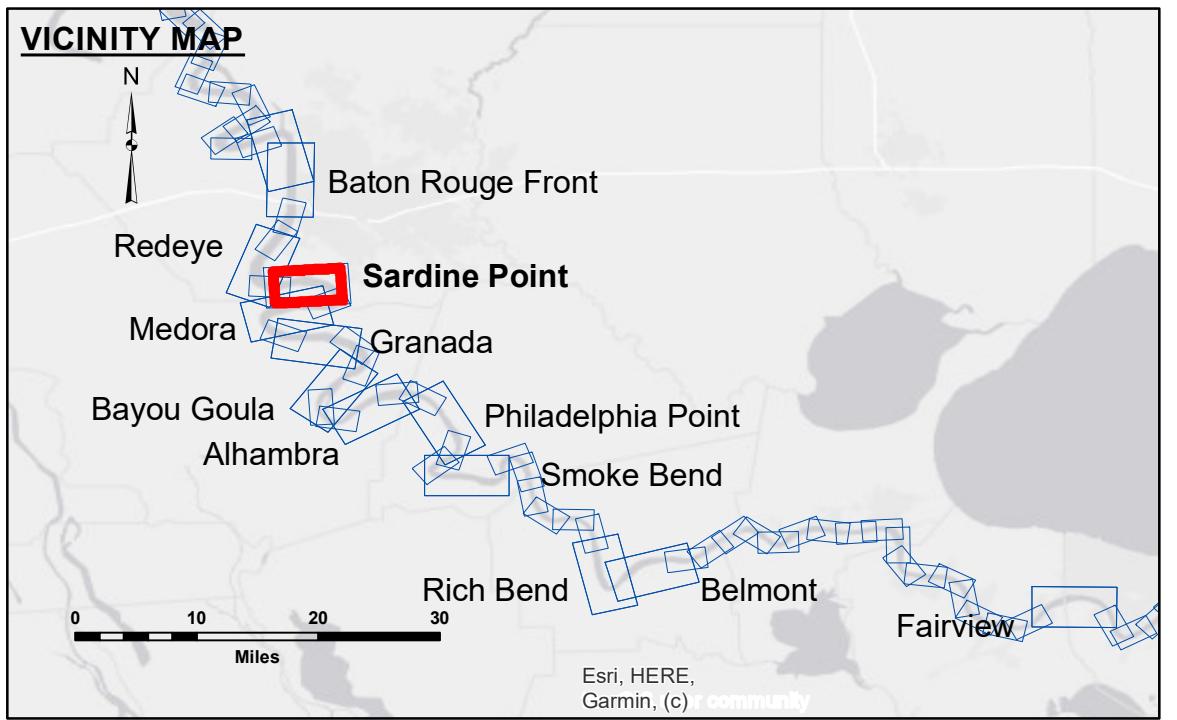


DISCLAIMER
 The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. It is not intended to be used for any purpose other than that for which it was prepared. The user is responsible for the accuracy, completeness, and reliability of the information. The user is responsible for the results of any application of the data for other than its intended purpose. Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations, sedimentation, and changes in bathymetry. The U.S. Army Corps of Engineers accepts no responsibility for changes in the hydrographic conditions which develop after the date of the survey. Prudent mariners should not rely solely upon this information.

Submitted:	Surveyed By: RYLAND/SIMMONS
Recommended: Chief Survey Section	Plotted By: JH
Approved: Chief Waterways Maintenance Section	Checked By: JH

MISSISSIPPI RIVER - B.R. TO GULF
SARDINE POINT CROSSING
 MD_06_SDP_20240319_CS
 19 March 2024



LEGEND

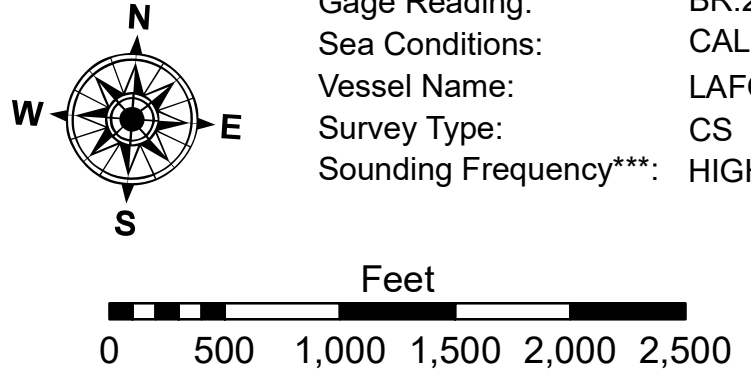
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ 0' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ 0' to -5'
— As-built Pipeline/Cable	□ Anchorage Area	☆ Beacon, General	■ -5' to -10'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -10' to -20'
— Project Depth Contour	✈ Wrecks-Submerged	◆ Green Navigation Buoy	■ -20' to -30'
			■ -30' to -35'
			■ -35' to -40'
			■ -40' to -45'
			■ -45' and below

LWRP: 2.3
 Gage Reading: BR:21.8 D:13.2 USED: 20.40 NAVD88
 Sea Conditions: CALM
 Vessel Name: LAFORUCHE
 Survey Type: CS
 Sounding Frequency***: HIGH

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.
 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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