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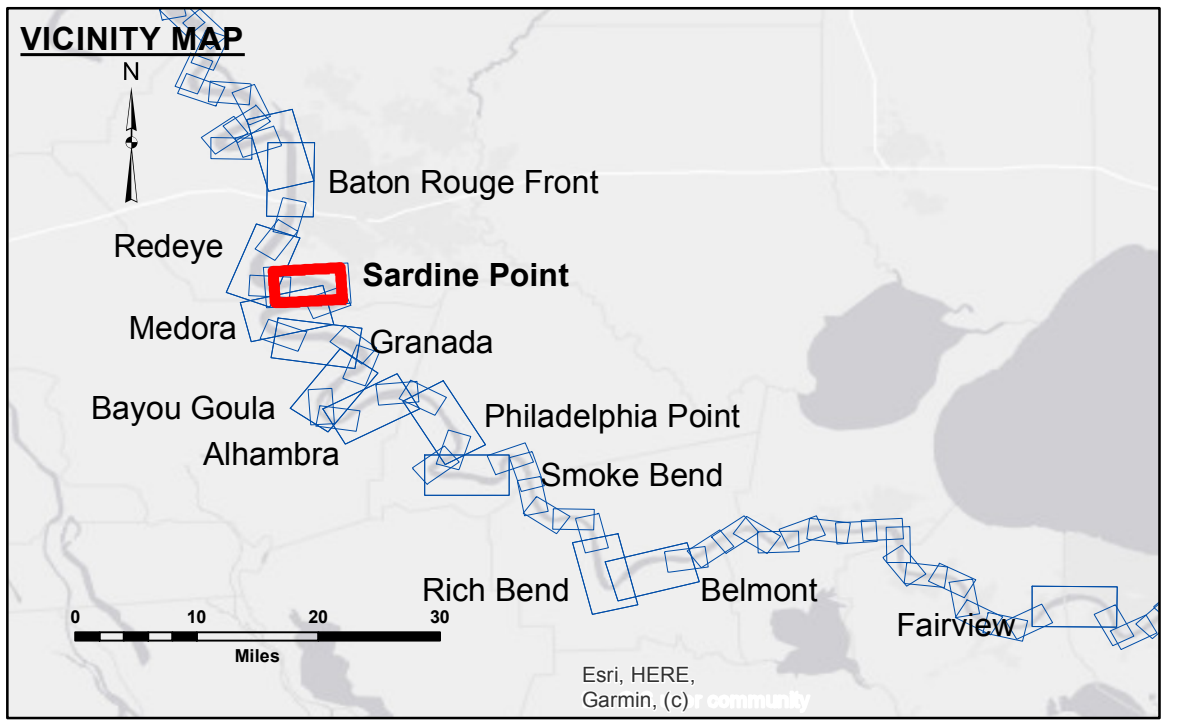
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Data Constraints: Hydrographic survey data is subject to change due to several factors including but not limited to changing hydrographic conditions which develop after the date of the survey. The user is responsible for ensuring that the data is current for the hydrographic conditions which develop after the date of the survey. The information depicted on this map represents the results of a survey conducted on the date indicated. The user is responsible for ensuring that the information is current for the hydrographic conditions which develop after the date of the survey.

Submitted:	Surveyed By:	DS/JA
Recommended:	Plotted By:	BD
Approved:	Checked By:	AC

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

**MISSISSIPPI RIVER - B.R. TO GULF
SARDINE POINT CROSSING
MD_06_SDP_20210617_CS
17 June 2021**



LEGEND		Bathymetry	
--- 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'
	◆ Red Navigation Buoy	Dark Blue	-30' to -35'
	◆ Green Navigation Buoy	Pink	-35' to -40'
	◆ Wrecks-Submerged	White	-40' to 45'
			-45' 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 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.

LWRP: 2.3
Gage Reading: BR:28.6 D:18.9 USED:27.0 NAVD
Sea Conditions: CALM
Vessel Name: M/V LAFOURCHE
Survey Type: CS
Sounding Frequency***: HIGH

**Sheet Reference Number
6 of 97**