



**LEGEND**

--- Federal Navigation Channel	○ Cable Area	■ Shoaling 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:** 1.5  
**Gage Reading:** BR:24.2 D:15.7 USED: 16.50 NAVD  
**Sea Conditions:** CALM  
**Vessel Name:** LAFORUCHE  
**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 base on and provided by the U.S. Coast Guard and USACE crew.  
 2017 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.

**NOTES:**  
 Distribution Liability: The data represents the results of data collection 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 their use. The application of the data for other than its intended purpose is not supported.  
 Data Constants: Hydrographic survey data is subject to change due to several factors including but not limited to changing bathymetry, sedimentation, and other factors. The US Army Corps of Engineers accepts no responsibility for changes in the hydrographic conditions which develop after the date of the survey. The user is responsible for the accuracy of the data used in their project. The user is responsible for the accuracy of the data used in their project. The user is responsible for the accuracy of the data used in their project.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

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**  
**81 MILE POINT**  
**MD\_21\_81P\_20240228\_CS**  
**28 February 2024**

**Sheet Reference Number**  
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