



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

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: 2.6
Gage Reading: BR:28.6 D:18.8 USED:29.0 NAVD
Sea Conditions: CALM
Vessel Name: M/V LAFORUCHE
Survey Type: CONDITION
Sounding Frequency***: HIGH

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

US Army Corps of Engineers District: CEMVN

DISTRICT NOTICE: The data represents the results of data collection processing for a specific US Army Corps of Engineers project and is only valid for its intended use. The user is responsible for the results and accuracy of the data. The application of the data for other than its intended purpose is not recommended. The user is responsible for the results and accuracy of the data. The application of the data for other than its intended purpose is not recommended.

DISTRICT NOTICE: Hydrographic survey data is subject to change due to several factors including but not limited to dredging, channel migration, and changes in bathymetry. The user is responsible for the results and accuracy of the data. The application of the data for other than its intended purpose is not recommended.

The information depicted on this map represents the results of a survey conducted on the date indicated and is not intended to represent the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT

Submitted By:	DJS/SPS
Reviewed By:	BD
Checked By:	AC

**MISSISSIPPI RIVER - B.R. TO GULF
BATON ROUGE FRONT CROSSING**

MD_01_BRFX_20190813_AD

13 August 2019

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