



LEGEND

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

LWRP: 2.8
Gage Reading: BR:29.1 D:20.4 USED:29.4 NGVD
Sea Conditions: 1
Vessel Name: LAFOURCHE
Survey Type: CS
Sounding Frequency***: HIGH

0 500 1,000 1,500 2,000 2,500 Feet



DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, either expressed or implied, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information furnished. The user is responsible for the results of the application of the data for other than its intended purpose. Data Contaminants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations, sedimentation, and changes in channel conditions. The Army Corps of Engineers does not warrant the accuracy of the data for other than its intended purpose. The information depicted on this map represents the results of a survey conducted on the date indicated. The user is responsible for the accuracy of the information used. Product maintainers should not rely solely on this report.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: JH/PS
Recommended: Chief, Survey Section	Plotted By: AO
Approved: Chief, Waterways Maintenance Section	Checked By: AO

**MISSISSIPPI RIVER - B.R. TO GULF
BATON ROUGE FRONT CROSSING
MD_01_BRF_20181101_CS
01 November 2018**

**Sheet Reference Number
1 of 97**