



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: 1.8
 Gage Reading: BR:13.9D:7.5 USED:10.3 NAVD
 Sea Conditions: SMOOTH
 Vessel Name: LAFOURCHE
 Survey Type: AD
 Sounding Frequency***: HIGH

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

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.

2015 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.

Reference is N.O.A.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 bathymeter settings.



DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not warranted for any purpose other than that for which they were collected. The user is responsible for the reliability, usability or suitability for any particular purpose of the data. The user shall indemnify and hold the United States Government harmless from and against all claims, damages, losses, costs and expenses, including reasonable attorneys' fees, incurred by the United States Government as a result of the use of these data for any purpose other than that for which they were collected. The information depicted on this map represents the results of a survey conducted on the date of the survey. The user is responsible for the accuracy of the information depicted on this map. The user shall indemnify and hold the United States Government harmless from and against all claims, damages, losses, costs and expenses, including reasonable attorneys' fees, incurred by the United States Government as a result of the use of these data for any purpose other than that for which they were collected.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: DJS/SIS
Recommended:	Plotted By: AO
Approved:	Checked By: AC

**MISSISSIPPI RIVER - B.R. TO GULF
 BAYOU GOULA CROSSING
 MD_13_GOUX_20200917_AD
 17 September 2020**

**Sheet Reference Number
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