

**LEGEND**

- Federal Navigation Channel
- Federal Navigation Center Line
- As-built Pipeline/Cable
- Unconfirmed Pipeline/Cable
- Project Depth Contour
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding\*\*
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy
- 0' and above
- 0' to -5'
- 5' to -10'
- 10' to -20'
- 20' to -30'
- 30' to -35'
- 35' to -40'
- 40' to 45'
- 45' and below

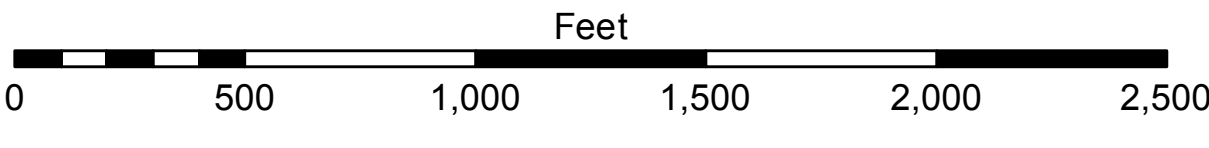
LWRP: 2.0  
 Gage Reading: BR:7.6 D:4.0 USED: 6.1 NAVD  
 Sea Conditions: SMOOTH  
 Vessel Name: LAFOURCHE  
 Survey Type: CS  
 Sounding Frequency\*\*\*: HIGH

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.A. Navigation Chart No. 11370.  
 \*\*\* Shoalest Sounding per Quarter per Reach.



**NOTES:**

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 North American Datum of 1983 (NAD83), projected to the State Plane  
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Vertical Datum:  
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 \*\*\* 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.



**DISCLAIMER:**

The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally prepared or implied concerning the accuracy, completeness, reliability, suitability or availability for any particular purpose of the recipient. The user is responsible for the results of any use of the data. The application of the data for other than its intended purpose is at the user's risk.

Data contained in this hydrographic survey data is subject to change due to several factors including but not limited to dredging, shoaling, and other changes in the river channel. The user is responsible for the results of any use of the data. The application of the data for other than its intended purpose is at the user's risk.

The information depicted on this map represents the results of a survey conducted on the date indicated. The Corps of Engineers does not warrant the accuracy of the data or the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Surveyed By: DS/PS
Recommended: Chief, Survey Section	Plotted By: JH
Approved: Chief, Waterways Maintenance Section	Checked By: JH

**MISSISSIPPI RIVER - B.R. TO GULF  
PLAQUEMINE BEND  
MD\_09\_PLB\_X\_20211215\_CS  
15 December 2021**

**Sheet  
Reference  
Number  
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