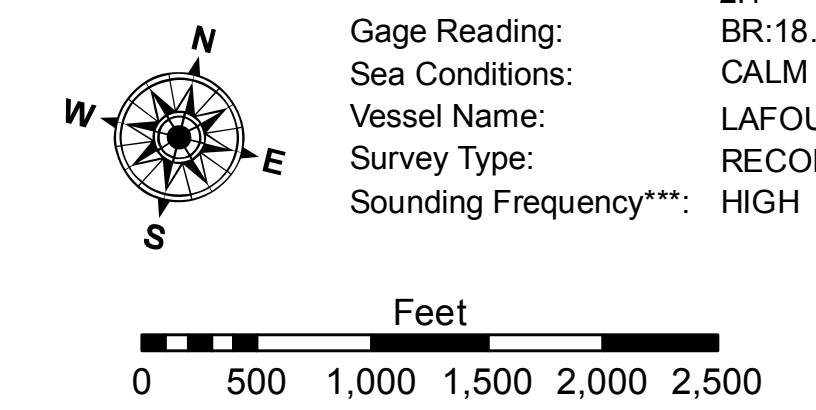


|                                  |                              |                |                              |
|----------------------------------|------------------------------|----------------|------------------------------|
| <b>LEGEND</b>                    |                              | <b>LWRP:</b>   |                              |
| — Federal Navigation Channel     | ○ Cable Area                 | 0' and above   | 2.1                          |
| — Federal Navigation Center Line | ■ Placement Area             | 0' to -5'      | BR:18.8D:11.3 USED:16.5 NGVD |
| — As-built Pipeline/Cable        | □ Unconfirmed Placement Area | -5' to -10'    | Sea Conditions: CALM         |
| ..... Unconfirmed Pipeline/Cable | □ Anchorage Area             | -10' to -20'   | Vessel Name: LAFOURCHE       |
| — Project Depth Contour          | ○ Obstruction Point          | -20' to -30'   | Survey Type: RECON           |
|                                  | ◆ Wrecks-Submerged           | -30' to -35'   | Sounding Frequency***: HIGH  |
|                                  |                              | -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. 2010 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 fathometer settings.

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3.8.0-20150202

US Army Corps of Engineers  
District: CEMVN

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Data Constraints: Hydrographic survey data is subject to change due to several factors including but not limited to dredging activities and natural shoals and currents. The U.S. Army Corps of Engineers does not warrant the data or guarantee its accuracy.

This information depicts the results of a survey conducted by the U.S. Army Corps of Engineers which developed the hydrographic conditions shown on this map. The data is intended for U.S. Army Corps of Engineers internal use. This data is not to be sold or distributed outside the U.S. Army Corps of Engineers without prior approval.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT  
Surveyed By: DSPP  
Submitted: One I Survey Section  
Recommended: One I Survey Section  
Approved: One I Waterways Maintenance Section  
Checked By: AO

MISSISSIPPI RIVER - B.R. TO GULF  
MEDORA RECON  
MR\_08\_MED\_20170117  
17 January 2017