



**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 (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. 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: 2.1  
Gage Reading: BR:31.2D:21.7 USED:28.5 NGVD  
Sea Conditions: SMOOTH  
Vessel Name: LAFORCHE  
Survey Type: RECON  
Sounding Frequency\*\*\*: HIGH

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



**DISCLAIMER:**  
The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The user is responsible for the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information. The application of the data for other than its intended purpose is at the user's risk. The U.S. Army Corps of Engineers does not warrant, represent or guarantee the accuracy, completeness, reliability, usability or suitability of the information for any purpose other than that for which it was collected. The U.S. Army Corps of Engineers is not responsible for any damage or injury resulting from the use of this information. The U.S. Army Corps of Engineers is not responsible for any damage or injury resulting from the use of this information. The U.S. Army Corps of Engineers is not responsible for any damage or injury resulting from the use of this information.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: DJS/SFP
Recommended: Chief, Survey Section	Plotted By: AO
Approved: Chief, Waterways Maintenance Section	Checked By: MK

**MISSISSIPPI RIVER - B.R. TO GULF  
MEDORA RECON  
MR\_08\_MED\_20160523  
23 May 2016**

**Sheet Reference Number  
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