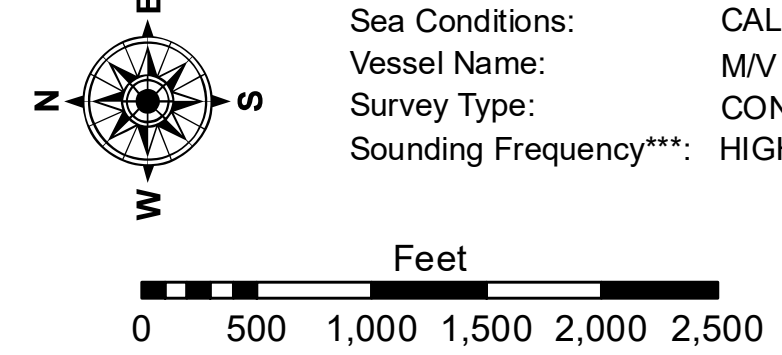


LEGEND			
--- Federal Navigation Channel	••• Cable Area	□ Borrow Area	■ 0' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ 0' to -5'
— As-built Pipeline/Cable	□ Anchorage Area	☆ Beacon, General	■ -5' to -10'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red 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: 2.8  
 Gage Reading: BR:18.1 D:10.8 USED:18.4 NGVD  
 Sea Conditions: CALM  
 Vessel Name: M/V LAFOURCHE  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: HIGH

**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.



**DISCLAIMER:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are not intended for use in navigation, construction, or other operations. The user is responsible for the results of any use of these data. The information depicted on this map represents the results of a data collection project for a specific US Army Corps of Engineers project. It is not intended for use in navigation, construction, or other operations. The user is responsible for the results of any use of these data. The information depicted on this map represents the results of a data collection project for a specific US Army Corps of Engineers project. It is not intended for use in navigation, construction, or other operations. The user is responsible for the results of any use of these data.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Reviewed By:	Checked By:
	DS/PS	AC
Recommended:	Plotted By:	
	BD	
Checked:	Survey Section	
Approved:	Other Waterways Maintenance Section	

**MISSISSIPPI RIVER - B.R. TO GULF  
 BATON ROUGE FRONT RECON  
 MR\_01\_BRF\_20170810\_CS  
 10 August 2017**

**Sheet Reference  
 Number  
 1 of 97**