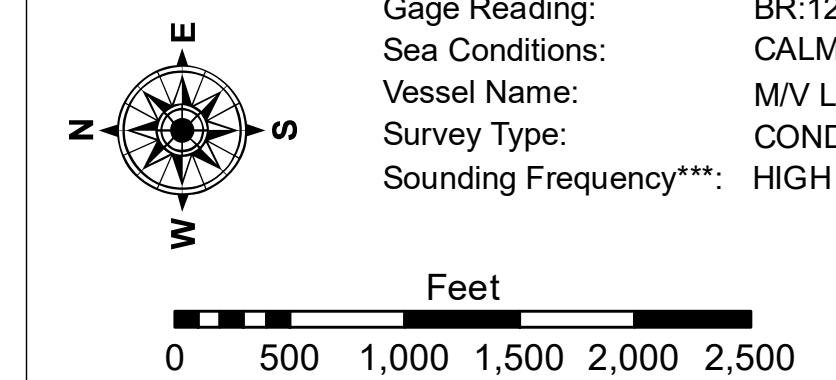


<b>LEGEND</b>		<b>LWRP:</b>	
—	Federal Navigation Channel	0' and above	2.8
—	Federal Navigation Center Line	0' to -5'	BR:12.56 D:7.22 USED:12.8 NGVD
—	As-built Pipeline/Cable	-5' to -10'	Sea Conditions: CALM
.....	Unconfirmed Pipeline/Cable	-10' to -20'	Vessel Name: MV LAFOURCHE
—	Project Depth Contour	-20' to -30'	CONDITION
		-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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3.12-20160811



Distribution Notice: The data represents the results of data collection processes for a specific US Army Corps of Engineers activity and indicates the general existing conditions, as such, the data is not necessarily accurate or complete for any specific application. The user is responsible for the results of any use of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activities and natural shoals and scouring processes. The hydrographic conditions shown on this data are subject to change rapidly due to several factors including but not limited to dredging activities and natural shoals and scouring processes. The hydrographic conditions shown on this data are subject to change rapidly due to several factors including but not limited to dredging activities and natural shoals and scouring processes.

This information depicts on this date represents the results of a survey conducted on this date and can only be considered accurate within the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS Maintenance Section	
Surveyed By:	DSps
Plotted By:	BD
Recommended:	One Survey Section
Approved:	One Waterways Maintenance Section
Approved:	One Waterways Maintenance Section

**MISSISSIPPI RIVER - B.R. TO GULF  
BATON ROUGE FRONT RECON  
MR\_01\_BRF\_20171107\_CS**  
07 November 2017