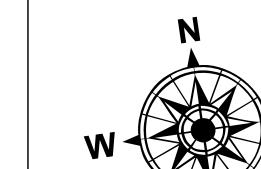


LEGEND	
— Federal Navigation Channel	○ Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	★ Beacon, General
— Project Depth Contour	◆ Red Navigation Buoy
	◆ Green Navigation Buoy
	◆ Wrecks-Submerged
	◆ Borrow Area
	● Shoalest Sounding**

LWRP:	1.9
Gage Reading:	BR:35.9 D:25.4 USED:31.1 NAVD
Sea Conditions:	CALM
Vessel Name:	MV LAFOURCHE
Survey Type:	CONDITION
Sounding Frequency***:	HIGH

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. 2015 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.



Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and includes the general existing conditions. As such, the United States Government makes no warranties, expressed or implied, concerning the accuracy, reliability or completeness of the data contained in this dataset. The user is responsible for the results of any use made of the data and is cautioned to check the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to natural events including but not limited to dredging and filling, subsidence, shoaling, and scouring processes. The hydrographic conditions shown on this dataset were current at the time of publication. This data is intended for U.S. Army Corps of Engineers internal use. Public datasets should not be relied upon for external use.

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

MISSISSIPPI RIVER - B.R. TO GULF GRANADA CROSSING MD_10_GRA_20200213_CS
13 February 2020

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