



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	⊗ Obstruction Point
	◆ Red Navigation Buoy
	▲ Wrecks-Submerged
	■ Borrow Area
	● Shoalest Sounding**
	◆ Anchorage Area
	⊗ Obstruction Point
	▲ Wrecks-Submerged
	■ Borrow Area
	● Shoalest Sounding**
	◆ Anchorage Area
	⊗ Obstruction Point
	▲ Wrecks-Submerged

LWRP: 1.7
Gage Reading: BR:43.53 D:31.77 USED:35.1 NGVD
Sea Conditions: CHOPPY
Vessel Name: MV LAFOURCHE
Survey Type: CONDITION
Sounding Frequency*:** HIGH

0' and above
0' to -5'
-5' to -10'
-10' to -20'
-20' to -30'
-30' to -35'
-35' to -40'
-40' to -45'
-45' and below

Feet

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

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 (20 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.

**Sheet
Reference
Number**
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Revision Number:
3.12-20160811



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 data is not to be used for engineering or scientific applications. 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 due to several factors including but not limited to dredging activities and natural shoals and scouring processes. The U.S. Army Corps of Engineers and the Corps of Engineers District: CEMVN shall not be liable for any damages resulting from the use of the hydrographic conditions shown on this data.

This information depicts on the map represents the results of a survey conducted on the date indicated and can only be considered to be current with the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS	
NEW ORLEANS DISTRICT	
Surveyed By:	DSPS
Submitted:	
Reviewed:	BB
Approved:	One I. Waterways Maintenance Section
Checked By:	AC

MISSISSIPPI RIVER - B.R. TO GULF
ALHAMBRA RECON
MR_16_ALH_20180320_CS
20 March 2018