



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-9.38 D:6.29 USED:9.50 NGVD
 Sea Conditions: CALM
 Vessel Name: LAFOURCHE
 Survey Type: CONDITION
 Sounding Frequency***: HIGH

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 bathymeter
 settings.



NOTES:

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. The data is provided for informational purposes only and is not intended for use in any other project. The user is responsible for the results. The user is responsible for the results. The user is responsible for the results. The user is responsible for the results.

Data Constraints: Hydrographic survey data is subject to change due to several factors including but not limited to: changing water levels, sedimentation, and changes in the bathymetry of the river. The user is responsible for the results of the data. The user is responsible for the results of the data. The user is responsible for the results of the data.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	SPPS	Checked By:	MSK
Recommended:	BTD	Checked By:	MSK
Approved:		Checked By:	MSK

MISSISSIPPI RIVER - B.R. TO GULF
BATON ROUGE FRONT CROSSING
MD_01_BRF_20151015
15 October 2015

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