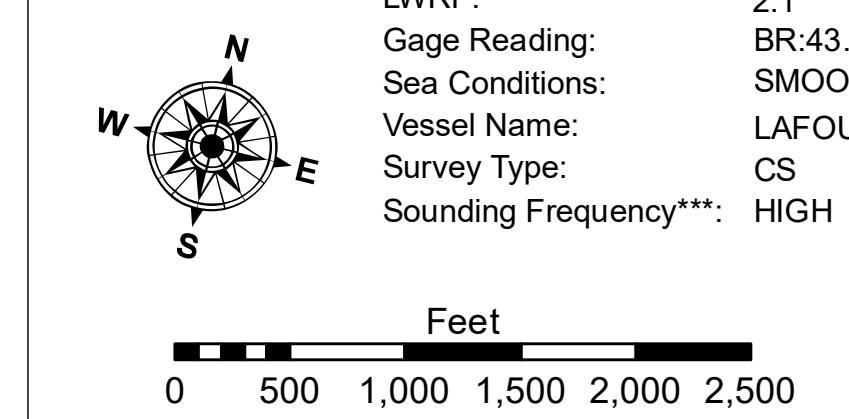


LEGEND	
— Federal Navigation Channel	○ Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Unconfirmed Placement Area
..... Unconfirmed Pipeline/Cable	□ Anchorage Area
— Project Depth Contour	○ Obstruction Point
	★ Beacon, General
	◆ Red Navigation Buoy
	◆ Green Navigation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

LWRP:	2.1
Gage Reading:	BR:43.7D:31.7 USED:40.0 NGVD
Sea Conditions:	SMOOTH
Vessel Name:	LAFOURCHE
Survey Type:	CS
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. 2015 Aerial Photography data source: NAIP, USDA-FSA-AFPO 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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Revision Number:
3.12-20160811



DISTRIBUTION STATEMENT: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is not necessarily accurate or complete for other uses or applications. The user is responsible for the results of any use of this 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 shoaling and scouring processes. The US Army Corps of Engineers is not responsible for changes in the hydrographic conditions which develop after the date of publication. This data is intended for U.S. Army Corps of Engineers internal use. Please contact the US Army Corps of Engineers for further information.

Sheet 9

DEC 2016	U.S. ARMY CORPS OF ENGINEERS
Surveyed By:	NEW ORLEANS DISTRICT
Submitted:	DSRSPS
Reviewed:	AO
Approved:	One I. Waterways Maintenance Section
Approved:	One I. Waterways Maintenance Section

MISSISSIPPI RIVER - B.R. TO GULF
MEDORA RECON
MR_08_MED_20190313_CS
13 March 2019