



LWRP: 1.4
 Gage Reading: BR:25.9D:16.7 USED:16.6 NGVD
 Sea Conditions: SMOOTH
 Vessel Name: M/V LAFOURCHE
 Survey Type: CONDITION
 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 based 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 bathymeter settings.



DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not warranted for any purpose other than that for which they were collected, and 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.

DISTRIBUTION LIABILITY: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project and is only valid for its intended use, context, time and accuracy specifications. The user is responsible for the results. The user is responsible for the results. The user is responsible for the results.

Data Accuracy: Hydrographic survey data is subject to change rapidly due to several factors including, but not limited to, changing bathymetry, sedimentation, and channel migration. The user is responsible for the results. The user is responsible for the results. The user is responsible for the results.

The information depicted on this map represents the results of a survey conducted on the date indicated. The information is considered to represent the general condition existing at that time.

Submitted:	Surveyed By: DS/PS
Recommended:	Plotted By: MS
Approved:	Checked By: MS

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

**MISSISSIPPI RIVER - B.R. TO GULF
 SMOKE BEND RECON
 MR_22_SMB_20180926_CS
 26 September 2018**

**Sheet Reference Number
 22 of 97**