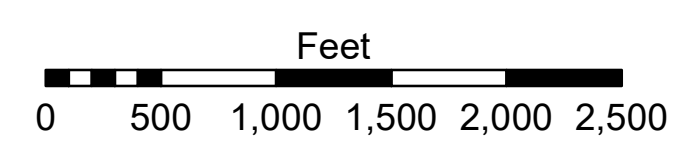
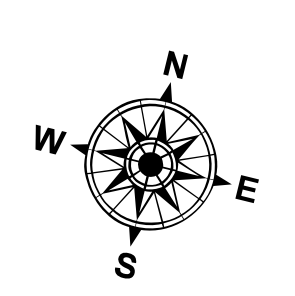


LEGEND	
--- Federal Navigation Channel	○ Cable Area
— Federal Navigation Center Line	□ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	✈ Wrecks-Submerged
□ Borrow Area	★ Beacon, General
● Shoalest Sounding**	◆ Red Navigation Buoy
○ 0' and above	◆ Green Navigation Buoy
○ 0' to -5'	
○ -5' to -10'	
○ -10' to -20'	
○ -20' to -30'	
○ -30' to -35'	
○ -35' to -40'	
○ -40' to -45'	
○ -45' and below	



LWRP: 2.1
 Gage Reading: BR:42.24 D:30.13 USED:38.5 NGVD
 Sea Conditions: CALM
 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 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.



DISCLAIMER
 Access Conditions: The United States Government (USG) makes these data and the recipient accepts and uses them with the express understanding that the USG does not warrant the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information provided. The user is responsible for the results of the application of the data for other than its intended purpose.
 Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrographic conditions, sedimentation, and changes in the hydrographic conditions which develop after the date of the survey. The USG does not accept responsibility for changes in the hydrographic conditions existing at that time.
 The information depicted on this map represents the results of a survey conducted on the date indicated. It is not intended to represent the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: D/S/SPS	Plotted By: BD
Recommended: Chief, Survey Section	Checked By: AC	Approved By: Chief, Waterways Maintenance Section

**MISSISSIPPI RIVER - B.R. TO GULF
 MEDORA CROSSING
 MD_08_MEDX_20190710_AD
 10 July 2019**

**Sheet
 Reference
 Number
 8 of 97**

Revision Number:
4-0-20190712