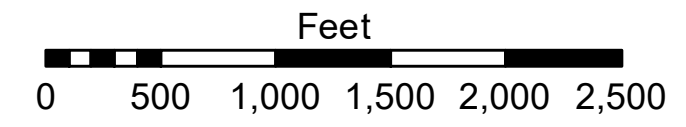
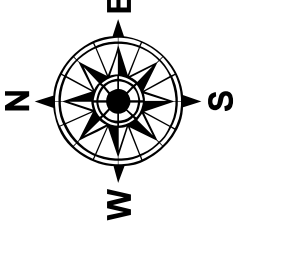


LEGEND	
--- Federal Navigation Channel	● Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	★ Wrecks-Submerged
□ Borrow Area	★ Beacon, General
● Shoalest Sounding**	◆ Red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



LWRP: 2.8
 BR:11.3D:6.2 USED:11.5 NGVD
 Gage Reading:
 Sea Conditions:
 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-APFO Aerial Photography Field Office.
 Reference is N.O.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: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, expressed or implied, as to the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information furnished. The user is responsible for the results of the application of the data for other than its intended purpose.
 Date Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, sedimentation, and other changes in the river channel. The Army Corps of Engineers does not warrant the accuracy of the data for the hydrographic conditions when developed after the date of the survey. The information depicted on this map represents the results of a survey conducted on the date indicated. The user is responsible for the accuracy of the information depicted on this map. The user is responsible for the accuracy of the information depicted on this map. The user is responsible for the accuracy of the information depicted on this map.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Checked By: AC
Recommended:	Checked By: AC
Approved:	Checked By: AC

**MISSISSIPPI RIVER - B.R. TO GULF
 BATON ROUGE FRONT RECON
 MR_01_BRF_20180814_CS
 14 August 2018**

**Sheet Reference Number
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