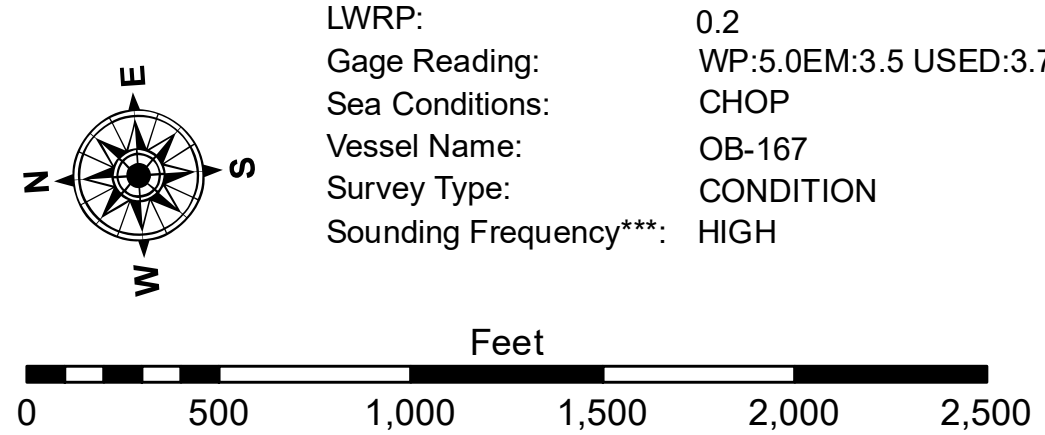


LEGEND			
--- Federal Navigation Channel	○ Cable Area	■ Shoaling Area	0' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	0' to -5'
— As-built Pipeline/Cable	⊠ Anchorage Area	☆ Beacon, General	-5' to -10'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	★ Red Navigation 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



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 (NAVD).
 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.
 2017 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, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information. The user is responsible for the results obtained from the use of this information. The application of the data for other than its intended purpose is at the user's risk. The user shall indemnify and hold the United States Government harmless from any and all claims, damages, costs and expenses, including reasonable attorneys' fees, which may be incurred by the United States Government as a result of the use of this information for purposes other than those for which it was provided. The information depicted on this map represents the results of a hydrographic survey conducted on or about the date of the survey. The information is not intended to be used for navigation. The user is responsible for the results of the use of this information. The user shall indemnify and hold the United States Government harmless from any and all claims, damages, costs and expenses, including reasonable attorneys' fees, which may be incurred by the United States Government as a result of the use of this information for purposes other than those for which it was provided.

Submitted:	Surveyed By: SPPM
Recommended: Chief, Survey Section	Plotted By: AO
Approved: Chief, Waterways Maintenance Section	Checked By: AC

MISSISSIPPI RIVER - B.R. TO GULF
 SIXTY MILE POINT - SHEET 2
 MD_88_SX2X_20210513_CS
 13 May 2021
 Sheet Reference Number
 88 of 97
 Revision Number:
 4.1-20191105