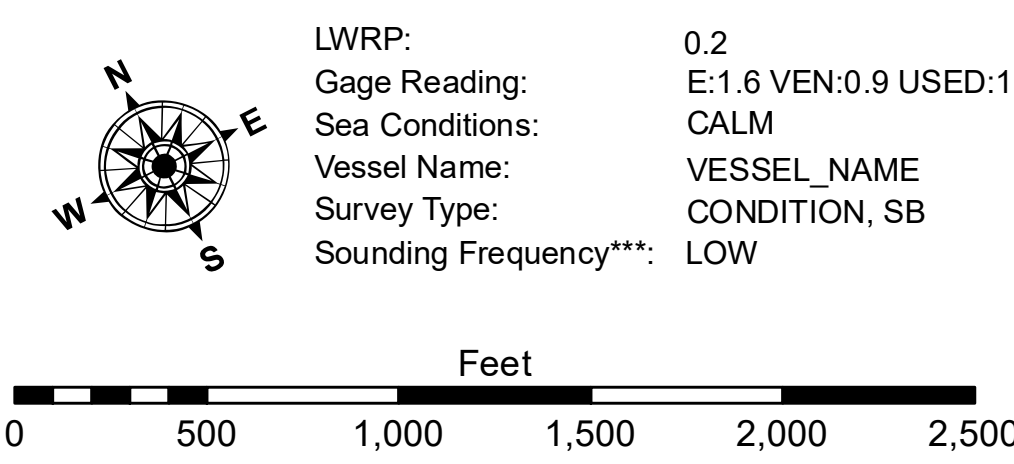


LEGEND			
	Federal Navigation Channel		Cable Area
	Federal Navigation Center Line		Placement Area
	As-built Pipeline/Cable		Shoaling Area
	Unconfirmed Pipeline/Cable		Shoalest Sounding**
	Project Depth Contour		Beacon, General
	Obstruction Point		Red Navigation Buoy
	Wrecks-Submerged		Green Navigation Buoy
	0' and above		-5' to -10'
	-10' to -20'		-30' to -35'
	-35' to -40'		-45' to 50'
	-50' and below		



LWRP: 0.2
 Gage Reading: E:1.6 VEN:0.9 USED:1.4 NAVD88
 Sea Conditions: CALM
 Vessel Name: VESSEL_NAME
 Survey Type: CONDITION, SB
 Sounding Frequency***: LOW

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.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 data are not to be used for any purpose other than that for which they were prepared. The user is responsible for the results. The application of the data for other than its intended purpose is at the user's risk. The data are not to be used for any purpose other than that for which they were prepared. The user is responsible for the results. The application of the data for other than its intended purpose is at the user's risk. The data are not to be used for any purpose other than that for which they were prepared. The user is responsible for the results. The application of the data for other than its intended purpose is at the user's risk.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By:	JUC & MGF
Recommended:	Plotted By:	TSS
Approved:	Checked By:	MSK

**MISSISSIPPI RIVER - B.R. TO GULF
 BURAS - SHEET 1
 MD_91_BUIX_20221101_CS
 01 November 2022**

**Sheet Reference Number
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