



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
■ Shoaling Area	☆ Beacon, General
● Shoalest Sounding**	◆ Red Navigation Buoy
☆ Beacon, General	◆ Green Navigation Buoy
◆ 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: 1.3
Gage Reading: D:22.2R:16.7 USED:20.3 NAVD
Sea Conditions: CALM
Vessel Name: VALENTOUR
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 (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 they are not to be used for any purpose other than that for which they were prepared. The user is responsible for the results of any use of these data. The Corps of Engineers does not warrant the accuracy, completeness, or reliability of the data for other than its intended purpose. Data Constraints: Hydrographic survey data is subject to change due to several factors including but not limited to changing hydrographic conditions, changes in the physical characteristics of the river, and changes in the hydrographic conditions which develop after the date of the survey. The Corps of Engineers does not warrant the accuracy of the data for use in any other manner than that for which it was prepared. The information depicted on this map represents the results of a survey conducted on the date shown. The Corps of Engineers does not warrant the accuracy of the data for use in any other manner than that for which it was prepared.

Submitted:	Surveyed By: DS/JA
Recommended:	Plotted By: AC
Approved:	Checked By: AC

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT
 Chief, Waterways Maintenance Section

MISSISSIPPI RIVER - B. R. TO GULF
BRILLIANT POINT - SHEET 1
MD_27_BP1X_20210317_CS
17 March 2021

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27 of 97
 Revision Number:
 4.1-20191115