



LWPR:
Gage Reading: 2.5
Sea Conditions: BR:13.5 D:7.6 USED:13.30 NAVD
Vessel Name: CALM
Survey Type: OB-189
Sounding Frequency***: CONDITION HIGH

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.

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 suspends through this "fluff" layer to depict elevations of consolidated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.



DISCLAIMER
Accurate Constants: The United States Government furnishes the data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied, concerning either the accuracy of the data or the reliability of any predictions made from the data. The United States is responsible for the results of any 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 dredging activity, subsidence, land movement, and changes in the hydrographic conditions which develop after the date of publication. This data is intended for U.S. Army Corps of Engineers internal use. Private users should not rely upon it.

U.S. ARMY CORPS OF ENGINEERS	
NEW ORLEANS DISTRICT	
Submitted:	Surveyed by: RYLAND HOSHMAN
Recommended:	Plotted By: BD
Chief Survey Section:	Checked By: AO
Approved:	Approved by: Chief Waterways Maintenance Section

MISSISSIPPI RIVER - B.R. TO GULF
ARLINGTON - SHEET 1
MD_02_AR1X_20190925_CS
25 September 2019

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