



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 -9'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	□ -9' and below
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	

LWRP: 6.6
 Gage Reading: RR:42.7 BR:26.3 USED:34.40 NAVD
 Sea Conditions: CALM/FOGGY
 Vessel Name: OB 189
 Survey Type: CS
 Sounding Frequency***: HIGH

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.
 2015 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.

Reference is USACE IENC U35LM236.
 *** 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.

NOTES:

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, context, time and accuracy specifications. The user is responsible for the results of their use. The application of the data for other than its intended purpose is not supported.

Data Collection: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, channel changes, and changes in bathymetry. The US Army Corps of Engineers does not warrant the accuracy of the data for use in the hydrographical conditions which develop after the date of the survey. The information depicted on this map represents the results of a survey conducted under the general condition existing at that time. It is not intended to represent the general condition existing at that time.



DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not warranted for any purpose other than that for which they were collected. The user is responsible for the results of their use. The application of the data for other than its intended purpose is not supported.

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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Surveyed By: RYLAND/SIMMONS
Recommended:	Plotted By: BD
Approved:	Checked By: AD/JH

MISSISSIPPI RIVER - SHALLOW DRAFT
BAYOU SARA
MS_24_BY SX_20230216_CS
16 February 2023

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