



LEGEND

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|----------------------------------|---------------------|-------------------------|----------------|
| --- 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 |

LWRP: 2.5
 Gage Reading: BR: 8.5D: 5.1 USED: 8.6 NAVD
 Sea Conditions: SMOOTH
 Vessel Name: OB189
 Survey Type: AD
 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 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 bathymeter settings.

NOTES:

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DISCLAIMER

The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers. The data was collected and processed for a specific purpose and is not intended for any other use. The user is responsible for the accuracy, reliability, and suitability of the information for their intended purpose. The user is also responsible for the accuracy, reliability, and suitability of the information for their intended purpose. The user is also responsible for the accuracy, reliability, and suitability of the information for their intended purpose.

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| U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT | | |
| Submitted: | Surveyed By: DJS/SPS | Plotted By: AO |
| Recommended: Chief, Survey Section | Checked By: AC | Checked By: AC |
| Approved: Chief, Waterways Maintenance Section | | |

**MISSISSIPPI RIVER - B.R. TO GULF
ARLINGTON - SHEET 1
MD_02_AR1X_20211129_AD
29 November 2021**

**Sheet Reference Number
2 of 97**

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