



| 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 |
| □ Borrow 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 |

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.
 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 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 Government makes no warranty, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data. The user is responsible for the results obtained from the use of the data for other than its intended purpose. The application of the data for other than its intended purpose may result in injury or death. The user is responsible for the results obtained from the use of the data for other than its intended purpose.

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| Submitted: | Surveyed By: | Plotted By: | Checked By: |
| | RYLAND/SIMMONS | BD | ADJH |
| Recommended: | Chart, Survey Section | | |
| Approved: | Chart, Waterways Maintenance Section | | |

MISSISSIPPI RIVER - B.R. TO GULF
ALHAMBRA CROSSING
MD_16_ALH_20241211_CS
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