



LEGEND

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|----------------------------------|---------------------|-------------------------|--------------------|
| --- Federal Navigation Channel | ○ Cable Area | □ Borrow Area | ■ -5' and above |
| — Federal Navigation Center Line | □ Placement Area | ● Shoalest Sounding** | ■ -5' to -10' |
| — As-built Pipeline/Cable | □ Anchorage Area | ☆ Beacon, General | ■ -10' to -15' |
| ⋯ Unconfirmed Pipeline/Cable | ⊗ Obstruction Point | ◆ Red Navigation Buoy | ■ -15' to -20.5' |
| — Project Depth Contour | ✂ Wrecks-Submerged | ◆ Green Navigation Buoy | ■ -20.5' and below |

Gage Reading: 0.7 MLLW @ DM10 @ 1345
 Sea Conditions: CALM
 Vessel Name: OB-173
 Survey Type: CONDITION, SB
 Sounding Frequency***: LOW

Feet
 0 500 1,000 1,500 2,000 2,500

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 Mean Lower Low Water Datum (MLLW). Datum Relationships for gage 01840 as of Jan 2022: 0.0' NAVD83 = 0.0' MLLW
 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.
 2016 Aerial Photography data source: Precision Aerial Reconnaissance, LLC (1998 DOQQ in green)
 Reference is N.O.A. Navigation Chart No. 11361.
 ** 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.



DISTRIBUTION LIABILITY: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project and is only valid for its intended use. Content, time and accuracy are not guaranteed for any other purpose. The user is responsible for the results and accuracy of the data when used for any other purpose.
 Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations. These data are subject to change and are not to be used for any purpose other than that intended. The user is responsible for the results and accuracy of the data when used for any other purpose.
 The information depicted on this map represents the results of a survey conducted on the date shown. It is not intended to represent the general condition existing at that time.

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| U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT | |
| Submitted: | JUC & MGF |
| Recommended: | RSL |
| Approved: | MSK |

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTH PASS - SHEET 3
 SP_03_SPS_20220708_CS
 08 July 2022**

**Sheet Reference Number
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