



| LEGEND | | | |
|----------------------------------|---------------------|-------------------------|------------------|
| — Federal Navigation Channel | ○ Cable Area | □ Borrow Area | ■ -10' and above |
| — Federal Navigation Center Line | ■ Placement Area | ● Shoalest Sounding** | ■ -10' to -20' |
| — As-built Pipeline/Cable | □ Anchorage Area | ★ Beacon, General | ■ -20' to -30' |
| Unconfirmed Pipeline/Cable | ⊗ Obstruction Point | ◆ Red Navigation Buoy | ■ -30' to -40' |
| — Project Depth Contour | ⚓ Wrecks-Submerged | ◆ Green Navigation Buoy | ■ -40' to -45' |
| | | | ■ -45' to -48.5' |
| | | | ■ -48.5' to -55' |
| | | | ■ -55' and below |

Gage Reading: 2.8 MLLW @ LIGHT-14 @ 1150
 Sea Conditions: CALM
 Vessel Name: BEAUVAIS
 Survey Type: CONDITION, SB
 Sounding Frequency***: LOW

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 (MLLW, 07-11). Datum Relationships for gage 01625 as of July 2015: 0.0' NAVD83 = 0.39' MLLW = 3.89' MLG
 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 (24 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 bathymetric settings.



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 accuracy, reliability, usability, or suitability for any particular purpose of the recipient. The user is responsible for the results, accuracy, and appropriateness of the data for their intended purpose. 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 specifications. The user is responsible for the results, accuracy, and appropriateness of the data for their intended purpose. Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations, spoil disposal, and other channel maintenance activities. The user is responsible for the results of the data for their intended purpose. The information depicted on the map represents the results of a survey conducted on the date indicated. The user is responsible for the results of the data for their intended purpose. The user is responsible for the results of the data for their intended purpose.

| U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT | | |
|--|-------------------------------------|-----------------|
| Submitted: | Chart Survey Section | Checked By: MSK |
| Recommended: | Chart Survey Section | Checked By: MSK |
| Approved: | Chart Waterways Maintenance Section | Checked By: MSK |
| Surveyed By: | JUC, JCB & MGF | Plotted By: TSS |

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 10
 SW_10_SWP_20190801_CS
 01 August 2019**

**Sheet Reference Number
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