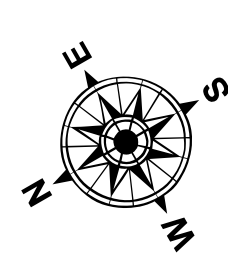


LEGEND

| | | | |
|----------------------------------|---------------------|-------------------------|------------------|
| --- 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: 2.5 MLLW @ HEAD OF PASSES @ 1110
 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 01545 as of July 2015: 0.0' NAVD86 = -0.18' MLLW = 3.32' 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 fathometer settings.



DISCLAIMER
 The United States Government furnishes these data and the recipient agrees and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were prepared, or implied concerning the accuracy, completeness, reliability, usability, or availability for any particular purpose of the recipient. The user is responsible for the results of any use of the data. The Corps of Engineers does not warrant the accuracy of the data under no liability whatsoever to any person by reason of any use of the data. These data are being made available to the public for informational purposes only. The Corps of Engineers does not accept any responsibility for changes in the data or for any use of the data that is not intended by the Corps of Engineers. The information depicted on the map represents the results of a survey conducted on or about the date of the survey. The Corps of Engineers does not warrant the accuracy of the information depicted on the map. The Corps of Engineers does not accept any responsibility for changes in the data or for any use of the data that is not intended by the Corps of Engineers. The information depicted on the map represents the results of a survey conducted on or about the date of the survey. The Corps of Engineers does not warrant the accuracy of the information depicted on the map. The Corps of Engineers does not accept any responsibility for changes in the data or for any use of the data that is not intended by the Corps of Engineers.

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

| | |
|---|---------------------------|
| Submitted: | Surveyed By: LLB & MGF |
| Recommended: Chief, Survey Section | Plotted By: MSK |
| Approved: Chief, Waterways Maintenance Section | Checked By: MSK |

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 7
 SW_07_SWP_20190502_CS
 02 May 2019**

**Sheet Reference Number
 7 of 13**