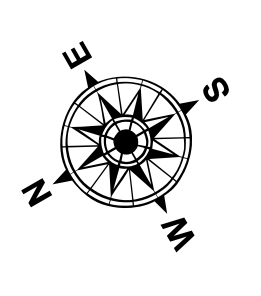


LEGEND

| | | | |
|----------------------------------|---------------------|-------------------------|------------------|
| --- 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 -50' |
| | | | ■ -50' to -55' |
| | | | ■ -55' and below |



Gage Reading: -0.1 MLLW @ HEAD OF PASSES @ 0635
 Sea Conditions: CALM
 Vessel Name: BLANCHARD
 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: 0.0' NAVD86, 2009.55 = -0.32' MLLW = 3.18' MLG
 Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16). Datum Relationships for gage 01545 as of March 2020:
 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 accepts and uses them with the express understanding that the data are not warranted for any purpose other than that for which they were prepared, or implied concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data. The user is responsible for the results of the use of the data. The user shall indemnify and hold the United States Government harmless from all claims, damages, and expenses, including reasonable attorneys' fees, that may be incurred by the United States Government as a result of the use of the data. The United States Government does not warrant the accuracy, completeness, reliability, or suitability of the data for any purpose other than that for which they were prepared. The user shall indemnify and hold the United States Government harmless from all claims, damages, and expenses, including reasonable attorneys' fees, that may be incurred by the United States Government as a result of the use of the data. The United States Government does not warrant the accuracy, completeness, reliability, or suitability of the data for any purpose other than that for which they were prepared. The user shall indemnify and hold the United States Government harmless from all claims, damages, and expenses, including reasonable attorneys' fees, that may be incurred by the United States Government as a result of the use of the data.

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

| | |
|---------------------------------------------------|---------------------------|
| Submitted: | Surveyed By: LLB & DBD |
| 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_20211202_CS
 02 December 2021**

**Sheet Reference Number
 7 of 13**

Revision Number:
 4.2-20210420