



| LEGEND |                                |  |                       |
|--------|--------------------------------|--|-----------------------|
|        | Federal Navigation Channel     |  | Placement Area        |
|        | Federal Navigation Center Line |  | Obstruction Point     |
|        | Unconfirmed Pipeline/Cable     |  | Beacon, General       |
|        | Project Depth Contour          |  | Red Navigation Buoy   |
|        | Borrow Area                    |  | Green Navigation Buoy |
|        | Shoalest Sounding**            |  |                       |
|        | Cable Area                     |  |                       |
|        | Anchorage Area                 |  |                       |
|        | Wrecks-Submerged               |  |                       |

Gage Reading: 1.7 MLLW @ HEAD OF PASSES @ 0940  
 Sea Conditions: CALM  
 Vessel Name: JOHN BOPP  
 Survey Type: CONDITION, SB  
 Sounding Frequency\*\*\*: LOW

Vertical Datum:  
 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:  
 0.0' NAVD88, 2009.55 = -0.32' MLLW = 3.18' 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 accepts and uses them with the express understanding that the data are not warranted for any particular purpose of the recipient, and that the data are not to be used for any purpose other than that for which they were originally prepared. The user is responsible for the results and accuracy of any data used for any purpose other than that for which they were originally prepared. The user is responsible for the results and accuracy of any data used for any purpose other than that for which they were originally prepared. The user is responsible for the results and accuracy of any data used for any purpose other than that for which they were originally prepared.

| U.S. ARMY CORPS OF ENGINEERS<br>NEW ORLEANS DISTRICT |                          |                                     |
|--|--------------------------|-------------------------------------|
| Submitted:   | Surveyed By:<br>JH & RCC | Checked By:<br>MSK                  |
| Recommended:   | Plotted By:<br>LLB       | Approved:                           |
|  | Chart Survey Section     | Chart Waterways Maintenance Section |

**MISSISSIPPI RIVER - B.R. TO GULF  
 SOUTHWEST PASS - SHEET 6  
 SW\_06\_SWP\_20210524\_CS  
 24 May 2021**

**Sheet Reference Number  
 6 of 13**

Revision Number:  
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