



**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:** 0.8 MLLW @ VENICE @ 1355  
**Sea Conditions:** CALM, FLUFF  
**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, 07-11).  
 Datum Relationships for gage 01480 as of July 2015:  
 0.0' NAVD88 = -0.3' MLLW = 3.20' 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.



**Accession:** The United States Government furnishes these data and the recipient accepts 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 originally prepared, or implied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The user is responsible for the results and accuracy of any data derived from the data furnished hereunder. The user shall not be held liable for any damage or injury to persons or property, or for any loss of life or limb, or for any loss of property, or for any other loss, resulting from the use of the data furnished hereunder.

**Data:** Constants: Hydrographic survey data is subject to change due to several factors including but not limited to dredging, accretion, and scour. The user is responsible for the results and accuracy of any data derived from the data furnished hereunder. The user shall not be held liable for any damage or injury to persons or property, or for any loss of life or limb, or for any loss of property, or for any other loss, resulting from the use of the data furnished hereunder.

**Disclaimer:** The information depicted on the map represents the results of a survey conducted on or about the date of the survey. It is not intended to represent the general condition existing at that time.

**U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT**

Submitted:	Surveyed By: JH, TDG, JMS & HNP
Recommended:	Plotted By: TSS
Approved:	Checked By: MSK

**MISSISSIPPI RIVER - B.R. TO GULF  
SOUTHWEST PASS - SHEET 2  
SW\_02\_SWP\_20180111\_CS  
11 January 2018**

**Sheet Reference Number  
2 of 13**

Revision Number:  
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