



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: 1.1 MLLW @ VENICE @ 0905
Sea Conditions: CHOPPY
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 01480 as of March 2020:
 0.0' NAVD83, 2009.55 = -0.53' MLLW = 2.97' 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.

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:
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DISCLAIMER:
 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. The user is responsible for the results of any use of the data for any purpose other than that for which they were originally prepared. The application of the data for other than its intended purpose is at the user's risk. Hydrographic survey data is subject to change due to several factors including but not limited to dredging, shoaling, and other natural processes. The user is responsible for the results of any use of the data for any purpose other than that for which they were originally prepared. The information depicted on this map represents the results of a survey conducted on the date indicated. The user is responsible for the results of any use of the data for any purpose other than that for which they were originally prepared. The information depicted on this map represents the results of a survey conducted on the date indicated. The user is responsible for the results of any use of the data for any purpose other than that for which they were originally prepared.

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

Submitted:	Surveyed By: JH & RCC
Recommended: Chief Survey Section	Plotted By: TSS
Approved: Chief Waterways Maintenance Section	Checked By: MSK

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 1
 SW_01_SWP_20220329_CS
 29 March 2022**

**Sheet Reference Number
 1 of 13**

Revision Number:
 4.2-202/04/20