



LEGEND			
	Federal Navigation Channel		Placement Area
	Federal Navigation Center Line		Borrow Area
	As-built Pipeline/Cable		Shoalest Sounding**
	Unconfirmed Pipeline/Cable		Beacon, General
	Project Depth Contour		Red Navigation Buoy
	Cable Area		Green Navigation Buoy
	Anchorage Area		-10' and above
	Obstruction Point		-10' to -20'
	Wrecks-Submerged		-20' to -30'
			-30' to -40'
			-40' to -45'
			-45' to -48.5'
			-48.5' to -55'
			-55' and below

**Gage Reading:** 2.7 MLLW @ VENICE @ 1055  
**Sea Conditions:** CALM  
**Vessel Name:** JOHN BOPP  
**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 01480 as of July 2015: 0.0' NAVD83 = -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 bathymeter settings.



**DISCLAIMER:**

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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: JUC & MGF	Plotted By: TSS
Recommended:	Checked By: MSK	Approved:

**MISSISSIPPI RIVER - B.R. TO GULF  
SOUTHWEST PASS - SHEET 2  
SW\_02\_SWP\_20200314\_CS  
14 March 2020**

**Sheet Reference Number  
2 of 13**

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