



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

Gage Reading: 2.3 MLLW @ LIGHT 14 @ 1020

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, 12-16). Datum Relationships for gage 01625 as of March 2020: 0.0' NAVD83, 2009.55 = 0.40' MLLW = 3.90' 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 Government makes no warranty, expressed, implied, or otherwise, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data. The user is responsible for the results obtained from the use of this data. The user acknowledges that the data are provided for informational purposes only and are not to be used for any other purpose.

The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers. It is not to be used for any purpose other than that for which it was prepared. The user acknowledges that the data are provided for informational purposes only and are not to be used for any other purpose.

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

**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 10
SW_10_SWP_20210628_CS
28 June 2021**

**Sheet
Reference
Number
10 of 13**

Revision Number:
4.1-20191105