



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

Gage Reading: 2.3 MLLW @ HEAD OF PASSES @ 1000  
 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, 07-11).  
 Datum Relationships for gage 01545 as of July 2015:  
 0.0' NAVD86 = -0.18' MLLW = 3.32' 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 provided as is, without warranty of any kind, expressed or implied, concerning the accuracy, completeness, or reliability of the data for any purpose other than that intended by the donor. These data are provided as a service to the recipient and are not to be used for any purpose other than that intended by the donor. The recipient is responsible for the results of any use of these data. The recipient may not transfer these data to others without obtaining the donor's consent. The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers. The information is provided as a service to the recipient and is not to be used for any purpose other than that intended by the donor. The recipient is responsible for the results of any use of this information. The recipient may not transfer this information to others without obtaining the donor's consent. The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers. The information is provided as a service to the recipient and is not to be used for any purpose other than that intended by the donor. The recipient is responsible for the results of any use of this information. The recipient may not transfer this information to others without obtaining the donor's consent.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: JH & DBD	Checked By: MSK
Recommended:	Plotted By: TSS	
Approved:	Chief, Survey Section	
	Chief, Waterways Maintenance Section	

MISSISSIPPI RIVER - B.R. TO GULF  
 SOUTHWEST PASS - SHEET 7  
 SW\_07\_SWP\_20200523\_CS  
 23 May 2020

Sheet Reference Number  
 7 of 13  
 Revision Number:  
 4.0-201-90702