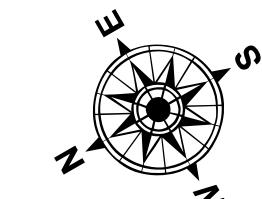


<u>LEGEND</u>	
— Federal Navigation Channel	○ Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	★ Beacon, General
	◆ Red Navigation Buoy
	◆ Green Navigation Buoy
	◆ Shoalest Sounding**
	◆ Wrecks-Submerged
	— Borrow Area
	— Sea Conditions:
	— Vessel Name:
	— Survey Type:
	— Sounding Frequency***:

Gage Reading: 1.5 MLLW @ HEAD OF PASS @ 1130  
 Sea Conditions: CALM, FLUFF  
 Vessel Name: JOHN BOPP  
 Survey Type: CONDITION, SB  
 Sounding Frequency\*\*\*: LOW



0 500 1,000 1,500 2,000 2,500  
 Feet

**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.

Datum Relationships for gage 01545 as of March 2020:  
 0.0' NAVD88, 2009.55 = -0.32' MLLW = 3.18' MLG

Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16).  
 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.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**  
 These constraints represent the results of data distribution liability. The data represents the results of data collection processing by a specific US Army Corps of Engineers activity and includes the general existing conditions as such, without warranty of fitness for a particular purpose. The user is responsible for the results of any use of the data for other than its intended purpose.  
**Data Constraints:** Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations, subsidence, or new survey data. The user is responsible for keeping the data current. The data is intended for U.S. Army Corps of Engineers use only and is not to be used for any other purpose. The data is intended for U.S. Army Corps of Engineers use only and is not to be used for any other purpose.

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

**MISSISSIPPI RIVER - B.R. TO GULF**  
**SOUTHWEST PASS - SHEET 6**  
**SW\_06\_SWP\_20210708\_CS\_PRO**  
 08 July 2021

Sheet  
 Reference  
 Number  
 6 of 13

Revision Number:  
 4-1-20191105