



LEGEND		
--- Federal Navigation Channel	● Cable Area	□ Borrow Area
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General
.... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy
— Project Depth Contour	★ Wrecks-Submerged	◆ Green Navigation Buoy

Gage Reading: 2.10 MLLW @ HEAD OF PASSES @ 1145  
 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: North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.  
 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' NAVD83 = -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 based 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.

US Army Corps of Engineers  
District: CEMVN

**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 or implied, regarding the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the information. The user is responsible for the results of the use of the information. The application of the data for other than its intended purpose is not recommended. The user is responsible for the results of the 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 activities, accretion and erosion, and changes in the channel. The user is responsible for the results of the use of the data for other than its intended purpose. The information depicted on this map represents the results of a survey and is not intended to be used as a navigational aid. It is not to be used as a basis for any legal proceedings. The user is responsible for the results of the use of the information. The information depicted on this map represents the results of a survey and is not intended to be used as a navigational aid. It is not to be used as a basis for any legal proceedings.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted:	Surveyed By:	PLB & SPS	Plotted By:
Recommended:	Chief Survey Section	RSL	Checked By:
Approved:	Chief Waterways Maintenance Section	MSK	

**MISSISSIPPI RIVER - B.R. TO GULF  
SOUTHWEST PASS - SHEET 6  
SW\_06\_SWP\_20180405\_CS  
05 April 2018**

**Sheet Reference Number  
6 of 13**

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