



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

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: Mean Lower Low Water (MLLW, 07-11). 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 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.

Gage Reading: 1.5 MLLW @ HEAD OF PASSES @ 1120
 Sea Conditions: CALM
 Vessel Name: JOHN BOPP
 Survey Type: CONDITION, SB
 Sounding Frequency***: LOW

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



DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally collected, expressed, or implied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The recipient understands that the data are provided under no liability whatsoever to any person by reason of any use of the data, and that the recipient agrees to accept these data as they are and to release the United States Government from any and all liability for damages of any kind resulting from the use of these data. The recipient may not transfer these data to others without also transferring this Disclaimer. The information depicted on this map represents the results of a hydrographic survey conducted on the date of the survey and is not to be used for any purpose other than that for which it was collected. The recipient understands that the data are provided as they are and that the recipient agrees to accept these data as they are and to release the United States Government from any and all liability for damages of any kind resulting from the use of these data. The recipient may not transfer these data to others without also transferring this Disclaimer.

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

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 6
 SW_06_SWP_20190828_CS
 28 August 2019**

**Sheet Reference Number
 6 of 13**

Revision Number:
 415-20190702