



LEGEND					
---	Federal Navigation Channel	●	Cable Area	■	-10' and above
—	Federal Navigation Center Line	■	Placement Area	■	-10' to -20'
—	As-built Pipeline/Cable	■	Anchorage Area	■	-20' to -30'
.....	Unconfirmed Pipeline/Cable	⊗	Obstruction Point	■	-30' to -40'
—	Project Depth Contour	★	Beacon, General	■	-40' to -45'
		◆	Red Navigation Buoy	■	-45' to -50'
		◆	Green Navigation Buoy	■	-50' to -55'
		◆	Wrecks-Submerged	■	-55' and below
		■	Borrow Area		
		●	Shoalest Sounding**		

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 01525 as of March 2020:
0.0' NAVD83, 2009.55 = -0.53' MLLW = 2.97' 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: 0.1 MLLW @ PILOT TOWN @ 0855

Sea Conditions: CALM

Vessel Name: JOHN BOPP

Survey Type: CONDITION, SB

Sounding Frequency***: LOW



DISCLAIMER:

The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are not to be used for any purpose other than that specified in the contract. The user is responsible for the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information. The user is responsible for the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information. The user is responsible for the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information.

PRECISION NAVIGATION:

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

**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 4
SW_04_SWP_20211101_CS
01 November 2021**

**Sheet Reference Number
4 of 13**

Revision Number:
4.2-20200420