



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

GAGE READING: 1.1 MLLW @ PILOT TOWN @ 1030

SEA CONDITIONS: CHOPPY

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: Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 07-11). Datum Relationships for gage 01525 as of July 2015: 0.0' NAVD86 = -0.3' MLLW = 3.20' 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.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 Government makes no warranty, expressed or implied, regarding the accuracy, completeness, reliability, or suitability for any particular purpose of the information furnished. The user is responsible for the results of any use of the information furnished. The user is also responsible for the results of any use of the information furnished under no liability whatsoever to any person by reason of any use of the information furnished. The user is also responsible for the results of any use of the information furnished under no liability whatsoever to any person by reason of any use of the information furnished. The user is also responsible for the results of any use of the information furnished. The user is also responsible for the results of any use of the information furnished.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	JJC, JTB, MGF
Recommended:	RSL
Checked:	MSK
Approved:	Chief, Waterways Maintenance Section

**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 5
SW_05_SWP_20190819_CS
19 August 2019**

**Sheet Reference Number
5 of 13**

Revision Number:
4.0-20190702