



**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:  
Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 07-11). Datum Relationships for gage 01480 as of July 2015:  
0.0' NAVD83 = -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. 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 data are not intended for any purpose other than that for which they were collected, and that the data are not to be used for any purpose other than that for which they were collected, and that the data are not to be used for any purpose other than that for which they were collected.

**Access Constraints:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not intended for any purpose other than that for which they were collected, and that the data are not to be used for any purpose other than that for which they were collected, and that the data are not to be used for any purpose other than that for which they were collected.

**Accuracy:** The data were collected using a surveying instrument with a stated accuracy of ± 0.3 meters (± 1.0 foot) horizontal and ± 0.3 meters (± 1.0 foot) vertical. The accuracy of the data is dependent on the accuracy of the instrument and the skill of the operator.

**Vertical Datum:** The data were collected using a datum of Mean Lower Low Water (MLLW) as of July 2015. The datum is based on the National Vertical Datum of 1988 (NAVD83).

**Horizontal Datum:** The data were collected using a datum of North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone.

**Scale:** The data were collected using a scale of 1:50,000.

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

**MISSISSIPPI RIVER - B.R. TO GULF  
SOUTHWEST PASS - SHEET 2  
SW\_02\_SWP\_20190521\_CS  
21 May 2019**

**Sheet Reference Number  
2 of 13**

Revision Number:  
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