



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: 1.70 MLLW @ PILOT TOWN @ 1040
 Sea Conditions: CALM, FLUFF (SAND WAVES)
 Vessel Name: BLANCHARD
 Survey Type: CONDITION, SB
 Sounding Frequency***: LOW

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' NAVD88 = -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 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.

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:
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ACCESS NOTES

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 prepared. The user is responsible for the results and accuracy of any data derived from this information. The user is responsible for the results and accuracy of any data derived from this information. The user is responsible for the results and accuracy of any data derived from this information.

DISTRICT LIABILITY: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. The data is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results and accuracy of any data derived from this information. The user is responsible for the results and accuracy of any data derived from this information. The user is responsible for the results and accuracy of any data derived from this information.

Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations, sedimentation, and changes in channel conditions. The user is responsible for the results and accuracy of any data derived from this information. The user is responsible for the results and accuracy of any data derived from this information. The user is responsible for the results and accuracy of any data derived from this information.

The information depicted on the map represents the results of a survey conducted on the date indicated. It is not to be used for any purpose other than that for which it was prepared. The user is responsible for the results and accuracy of any data derived from this information. The user is responsible for the results and accuracy of any data derived from this information. The user is responsible for the results and accuracy of any data derived from this information.

**U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT**

Submitted:	Surveyed By: LLB & JLA
Recommended: Chief Survey Section	Plotted By: RSL
Approved: Chief Waterways Maintenance Section	Checked By: MSK

**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 4
SW_04_SWP_20180506_CS
06 May 2018**

**Sheet Reference Number
4 of 13**

Revision Number:
1.13-20160811