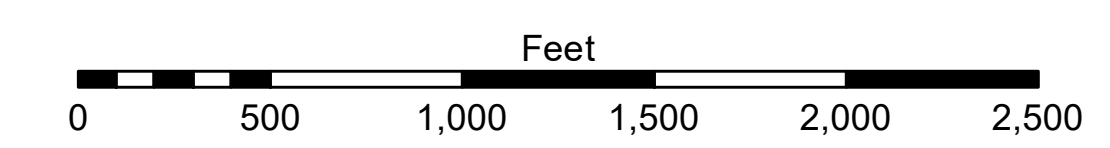


LEGEND		
--- Federal Navigation Channel	● Cable Area	■ Borrow Area
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**
— As-built Pipeline/Cable	⊗ Anchorage Area	☆ Beacon, General
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy
— Project Depth Contour	⚓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



Gage Reading: 2.1 MLLW @ LIGHT-14 @ 1305  
 Sea Conditions: CHOPPY  
 Vessel Name: BLANCHARD  
 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 01625 as of July 2015: 0.0' NAVD83 = 0.39' MLLW = 3.89' MGL  
 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.



**DISTRIBUTION LIABILITY:** The data represents the results of data collection/processing for a specific U.S. Army Corps of Engineers project and is only valid for its intended use. Content, time and accuracy specifications. The user is responsible for the results and accuracy of the data. Approximation of the data for other than its intended purpose.  
 Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations, channel migration, and changes in the physical characteristics of the hydrographical conditions which develop after the date of the survey. The user should verify the data against current hydrographic information. Prudent mariners should not rely solely upon it.

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

**MISSISSIPPI RIVER - B.R. TO GULF**  
**SOUTHWEST PASS - SHEET 9**  
**SW\_09\_SWP\_20180419\_CS**  
**19 April 2018**

**Sheet Reference Number**  
**9 of 13**

Revision Number:  
3.13-20160811