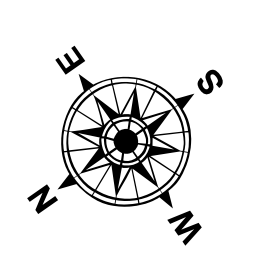
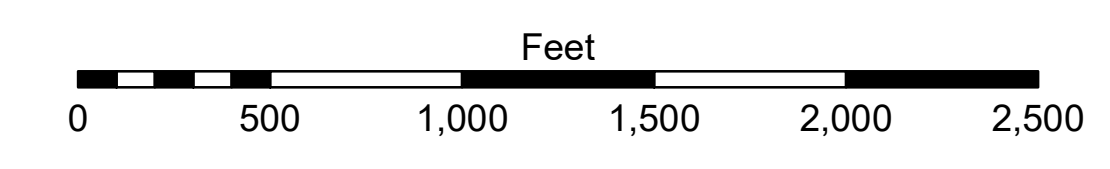


LEGEND	
--- Federal Navigation Channel	● Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	★ Wrecks-Submerged
□ Borrow Area	★ Beacon, General
● Shoalest Sounding**	♦ Red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



Gage Reading: 1.8 MLLW @ LIGHT 14 @ 1050  
 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, 12-16). Datum Relationships for gage 01625 as of March 2020: 0.0' NAVD88, 2009.55 = 0.40' MLLW = 3.90' 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 provided for informational purposes only and are not to be used for any purpose other than that for which they were originally intended. The user is responsible for the results and accuracy of any use of the data for other than the intended purpose. The information depicted on this map represents the results of a survey conducted on or about the date of the survey. The information is not to be used for any purpose other than that for which it was originally intended. The information is not to be used for any purpose other than that for which it was originally intended. The information is not to be used for any purpose other than that for which it was originally intended.

Submitted:	Reviewed:	Approved:
Surveyed By: JTB & DED	Plotted By: TSS	Checked By: MSK
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Chief, Survey Section		
Chief, Waterways Maintenance Section		

**MISSISSIPPI RIVER - B.R. TO GULF  
 SOUTHWEST PASS - SHEET 9  
 SW\_09\_SWP\_20210325\_CS\_PRO  
 25 March 2021**

**Sheet Reference Number  
 9 of 13**

Revision Number: 4.1-2019105