



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 -50'
			■ -50' to -55'
			■ -55' and below



Gage Reading: 0.5 MLLW @ LIGHT 21 @ 1100  
 Sea Conditions: CALM  
 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, 12-15). Datum Relationships for gage 01575 as of March 2020: 0.0' NAVD88, 2009.55 = 0.10' MLLW = 3.60' 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.



**US Army Corps of Engineers**  
 District: CEMVN

**DISTRICT**  
 The United States Government furnishes these data and the recipient accepts and uses them with the express warranty, usability or suitability for any particular purpose of the recipient. The user is responsible for the results, accuracy and reliability of the data for other than intended purposes. Hydrographic survey data is subject to change frequently due to several factors including but not limited to dredging, channel changes, and other factors. The Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of the survey. Product reviews should not be considered as a warranty of the data.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: JTB & DEB	Plotted By: TSS
Recommended:	Checked By: MSK	Checked By: MSK
Approved:	Checked By: MSK	

**MISSISSIPPI RIVER - B.R. TO GULF**  
**SOUTHWEST PASS - SHEET 8**  
**SW\_08\_SWP\_20220303\_CS**  
**03 March 2022**

**Sheet Reference Number**  
**8 of 13**

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