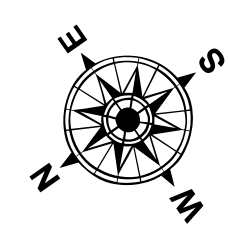
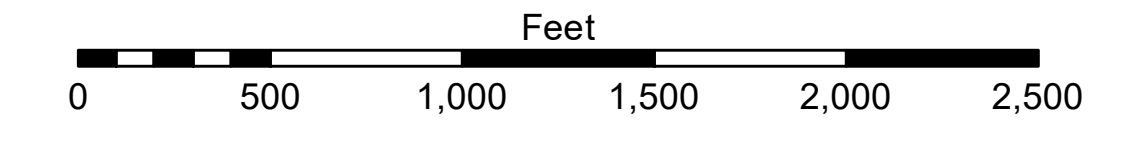


LEGEND			
- - - Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -10' and above
— Federal Navigation Center Line	▭ Placement Area	● Shoalest Sounding**	■ -10' to -20'
- - - As-built Pipeline/Cable	⊗ Anchorage Area	★ Beacon, General	■ -20' to -30'
⋯ Unconfirmed Pipeline/Cable	⊗ Obstruction Point	♦ 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: 2.0 MLLW @ LIGHT 14 @ 0935  
 Sea Conditions: CALM  
 Vessel Name: BEAUVAIS  
 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.



**DISTRICT NOTES:**  
 Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of their use. Approximation of the data for other than 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 other natural forces. The Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of the original survey. Prudent mariners should not rely solely upon it.  
 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 to be used for any purpose, expressed, or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the user. The user is responsible for the results of their use. The user will indemnify, defend and hold the United States Government harmless from all claims, damages, costs and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by the United States Government as a result of the recipient's use of the data. The recipient may not transfer these data to others without also transferring the Disclaimer.  
 The information depicted on the map represents the results of a survey conducted on the ground. It is not to be considered as representing the general condition existing at that time.

Submitted:	Chart Survey Section
Recommended:	TSS
Approved:	MSK

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT

**MISSISSIPPI RIVER - B.R. TO GULF  
 SOUTHWEST PASS - SHEET 9  
 SW\_09\_SWP\_20210610\_CS  
 10 June 2021**

Sheet Reference Number  
**9 of 13**  
 Revision Number:  
 4.1-20191105