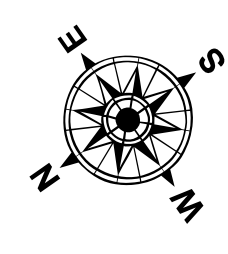


LEGEND			
	Federal Navigation Channel		Placement Area
	Federal Navigation Center Line		Borrow Area
	As-built Pipeline/Cable		Shoalest Sounding**
	Unconfirmed Pipeline/Cable		Beacon, General
	Project Depth Contour		Red Navigation Buoy
	Anchorage Area		Green Navigation Buoy
	Obstruction Point		
	Wrecks-Submerged		



Gage Reading: 1.0 MLLW @ LIGHT 14 @ 0945  
 Sea Conditions: CALM  
 Vessel Name: TOBIN & 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.  
 2022 Aerial Photography data source: Optimal GEO (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.



**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 warranted for any particular purpose of the recipient, or implied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The user is responsible for the results and accuracy of any use of the data. The user is responsible for the results and accuracy of any use of the data. The user is responsible for the results and accuracy of any use of the data.  
 Distribution Liability: The data represents the results of data collection/processing for a specific US 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 any use of the data. The user is responsible for the results and accuracy of any use of the data.  
 Date: Constants Hydrographic survey data is subject to change frequently due to several factors including but not limited to dredging operations, channel migration, and other factors. The user is responsible for the results and accuracy of any use of the data. The user is responsible for the results and accuracy of any use of the data.  
 The information depicted on this map represents the results of a survey and is not to be used for any other purpose. The user is responsible for the results and accuracy of any use of the data. The user is responsible for the results and accuracy of any use of the data.

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

**MISSISSIPPI RIVER - B.R. TO GULF  
 SOUTHWEST PASS - SHEET 9  
 SW\_09\_SWP\_20230817\_CS  
 17 August 2023**

**Sheet Reference Number  
 9 of 13**

Revision Number: 4.2-302 (04/20)