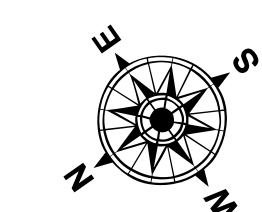
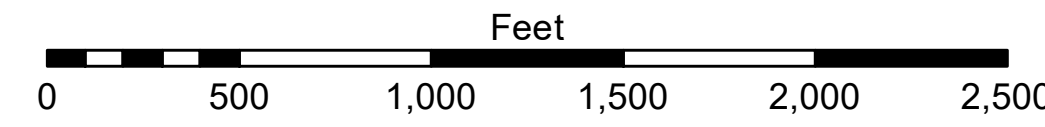


LEGEND

--- 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: 0.4 MLLW @ LIGHT 14 @ 0930
 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.



DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, expressed or implied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information furnished. The user is responsible for the results obtained from the use of this information. The user shall indemnify, defend and hold the United States Government harmless from and against all claims, damages, costs and expenses, including reasonable attorneys' fees, that may be incurred by the United States Government as a result of the use of this information. The information depicted on this map represents the results of a survey conducted on or about the date indicated on the map. The information is not to be used for any purpose other than that for which it was collected and is not to be construed as a guarantee of accuracy. The information is not to be used for any purpose other than that for which it was collected and is not to be construed as a guarantee of accuracy. The information is not to be used for any purpose other than that for which it was collected and is not to be construed as a guarantee of accuracy.

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

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 9
 SW_09_SWP_20230725_CS**

25 July 2023

Sheet Reference Number
 9 of 13

Revision Number: 4.2-20230420