



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

Gage Reading: 1.0 MLLW @ LIGHT 14 (01625) @ 9900
 Sea Conditions: CALM, FLUFF
 Vessel Name: TOBIN & BLANCHARD
 Survey Type: CONDITION, SB
 Sounding Frequency***: LOW

Vertical Datum: 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.

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: 0.0' NAVD88, 2009.55 = 0.40' MLLW = 3.90' MLG

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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. 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 any and all claims, damages, and expenses, including reasonable attorneys' fees, that may be asserted against or 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 after the date of publication. The information is not intended to be used for navigation purposes. The information is not intended to be used for navigation purposes. The information is not intended to be used for navigation purposes.

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

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 9
 SW_09_SWP_20240328_CS
 28 March 2024**

**Sheet Reference Number
 9 of 13**

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