



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: 1.3 MLLW @ MILE 17.9 @ 1245
 Sea Conditions: CHOPPY
 Vessel Name: TOBIN
 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 01670 as of March 2020: 0.0' NAVD88, 2009.55 = 0.79' MLLW = 4.29' 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 data are provided as a service to the recipient and are not intended for use in any other manner. The user is responsible for the results of any application of the data for other than the intended purpose. The United States Government does not warrant the accuracy, completeness, or availability of the data for any particular purpose of the user. The user is responsible for the results of any application of the data for other than the intended purpose. The United States Government does not warrant the accuracy, completeness, or availability of the data for any particular purpose of the user. The user is responsible for the results of any application of the data for other than the intended purpose. The United States Government does not warrant the accuracy, completeness, or availability of the data for any particular purpose of the user. The user is responsible for the results of any application of the data for other than the intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: JH & RCC	Plotted By: TSS	Checked By: MSK
Recommended:	Chart Survey Section		
Approved:	Chart Waterways Maintenance Section		

MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 12
 SW_12_SWP_20231024_CS
 24 October 2023

Sheet Reference Number
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