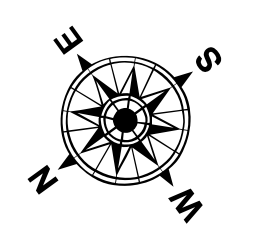


LEGEND

--- Federal Navigation Channel	○ Cable Area	3 Fluff Thickness (feet)*	■ -10' and above
— Federal Navigation Center Line	□ Placement Area	□ Borrow Area	■ -10' to -20'
— As-built Pipeline/Cable	□ Anchorage Area	● Shoalest Sounding**	■ -20' to -30'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	★ Beacon, General	■ -30' to -40'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Red Navigation Buoy	■ -40' to -45'
		◆ Green Navigation Buoy	■ -45' to -50'
			■ -50' to -55'
			■ -55' and below



Gage Reading: 1.1 MLLW @ EAST JETTY (01670) @ 1200
 Sea Conditions: CALM
 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: 0.0' NAVD83, 2009.55 = 0.79' MLLW = 4.29' MLG
 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' NAVD83, 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.
 2024 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, timeliness, or the use of the data furnished. The United States Government under no liability whatsoever to any person by reason of any use of the data furnished. The recipient agrees to indemnify and hold the United States Government harmless from any and 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 the data furnished. The recipient agrees to release the United States Government from any and all claims, damages, costs, and expenses, including reasonable attorneys' fees, that may be incurred by the recipient as a result of the use of the data furnished. The recipient agrees to release the United States Government from any and all claims, damages, costs, and expenses, including reasonable attorneys' fees, that may be incurred by the recipient as a result of the use of the data furnished. The recipient agrees to release the United States Government from any and all claims, damages, costs, and expenses, including reasonable attorneys' fees, that may be incurred by the recipient as a result of the use of the data furnished.

Submitted:	Surveyed By: JTB & MGF
Recommended:	Plotted By: TSS
Approved:	Checked By: MSK

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

**MISSISSIPPI RIVER - B. R. TO GULF
 SOUTHWEST PASS - SHEET 11
 SW_11_SWPX_20241126_CS
 26 November 2024**

**Sheet
 Reference
 Number
 11
 of
 13**

Revision Number:
 5.23.12.3-23.12.3