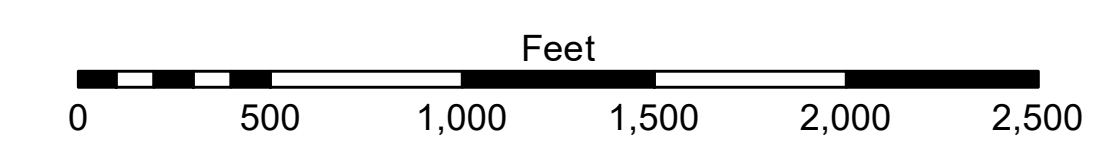


LEGEND		3	Fluff Thickness (feet)*	-10' and above
---	Federal Navigation Channel	○	Cable Area	-10' to -20'
—	Federal Navigation Center Line	□	Placement Area	-20' to -30'
—	As-built Pipeline/Cable	□	Anchorage Area	-30' to -40'
⋯	Unconfirmed Pipeline/Cable	⊗	Obstruction Point	-40' to -45'
—	Project Depth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



Gage Reading: 1.4 MLLW @ EAST JETTY (01670) @ 1045
 Sea Conditions: ROUGH
 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:
 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 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 or its employees, agents, or contractors, in connection with the use of this information. The information depicted on this map represents the results of a survey conducted on the date indicated. The user is responsible for the accuracy of the information depicted on this map. The user shall indemnify 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 or its employees, agents, or contractors, in connection with the use of this information.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	JUC & MGF
Recommended:	TSS
Approved:	MSK

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 11
 SW_11_SWP_20240627_CS
 27 June 2024**

**Sheet Reference Number
 11 of 13**

Revision Number: 4.2-20240420