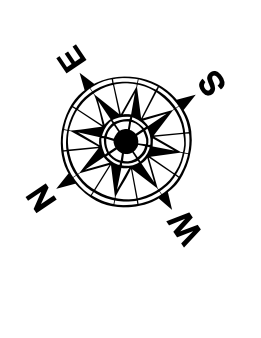


LEGEND				
--- Federal Navigation Channel	••• Cable Area	□ Borrow Area	■ -10' and above	
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -10' to -20'	
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -20' to -30'	
..... Unconfirmed Pipeline/Cable	⊗ Obstruction 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: 1.5 MLLW @ LIGHT 21 @ 0850
 Sea Conditions: CALM, FLUFF
 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, 12-15). Datum Relationships for gage 01575 as of March 2020: 0.0' NAVD88, 2009.55 = 0.10' MLLW = 3.60' 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 data represents the results of data collection-processing for a specific US Army Corps of Engineers project and is not intended for use for other than the project for which it was collected. The user is responsible for the results, accuracy, and timeliness of the data for their intended purpose. The Corps of Engineers accepts no responsibility for changes in the data or for any damage or injury resulting from the use of the data for any purpose other than that for which it was collected.

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

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 8
 SW_08_SWP_20230420_CS
 20 April 2023**

**Sheet Reference Number
 8 of 13**