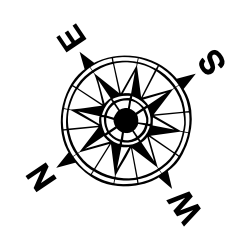
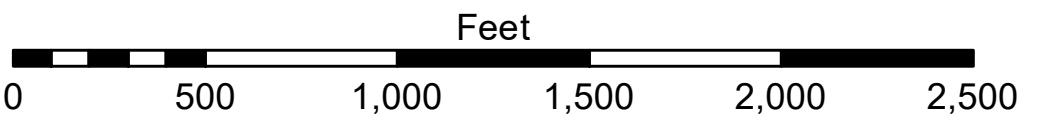


LEGEND			
- - - Federal Navigation Channel	● Cable Area	□ Borrow Area	■ -10' and above
- Federal Navigation Center Line	▭ Placement Area	● Shoalest Sounding**	■ -10' to -20'
— As-built Pipeline/Cable	⊘ Anchorage Area	★ Beacon, General	■ -20' to -30'
⋯ Unconfirmed Pipeline/Cable	⊠ Obstruction Point	◆ 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: 0.6 MLLW @ LIGHT 21 @ 1005
 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: 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' NAVD83, 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
 Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for the intended use, content, time and accuracy specifications. The user is responsible for the results obtained. Application of the data for other than the intended purpose.
 Data Constants: Hydrographic survey data is subject to change regularly due to several factors including but not limited to dredging, spoil accretion, wind waves, tides, and currents. The user of this data should verify the hydrographical conditions which develop after the date of this report. Product reviews should not rely solely upon it.

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

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 8
 SW_08_SWP_20230921_CS
 21 September 2023**

**Sheet Reference Number
 8 of 13**

Revision Number:
4.2-20230921