



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

Gage Reading: 2.0 MLLW @ LIGHT 14 (01625) @ 1010
 Sea Conditions: CALM
 Vessel Name: TOBIN
 Survey Type: CONDITION, SB
 Sounding Frequency***: LOW

Vertical Datum: 0.0' NAVD88, 2009.55 = 0.40' MLLW = 3.90' 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.

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' NAVD88, 2009.55 = 0.40' MLLW = 3.90' MLG
 Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16).
 Datum Relationships for gage 01625 as of March 2020:
 0.0' NAVD88, 2009.55 = 0.40' MLLW = 3.90' 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.
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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	JUC & RCC
Recommended:	RSL
Approved:	MSK

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 9
 SW_09_SWP_20240624_CS
 24 June 2024**

**Sheet Reference Number
 9 of 13**

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