



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

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, 12-16). Datum Relationships for gage 01480 as of March 2020: 0.0' NAVD83, 2009.55 = -0.53' MLLW = 2.97' 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.

Gage Reading: 1.3 MLLW @ VENICE @ 0810
 Sea Conditions: CALM
 Vessel Name: TOBIN
 Survey Type: CONDITION, SB
 Sounding Frequency***: LOW

Feet
 0 500 1,000 1,500 2,000 2,500



DISCLAIMER: The data represents the results of data collection performed for a specific US Army Corps of Engineers project and is only valid for its intended use, control, time and accuracy specifications. The user is responsible for the results. The user shall not be held liable for any damages or claims resulting from the application of the data for other than its intended purpose.

DATA CONSTRAINTS: Hydrographic survey data is subject to change due to several factors including but not limited to: dredging, channel migration, and changes in bathymetry. The US Army Corps of Engineers does not warrant the accuracy of the data for other than its intended purpose. The user is responsible for the results of the data and should consult the appropriate technical manual for more information.

Submitted:	Surveyed By:
Recommended:	JH & RCC
Checked By:	Plotted By:
MSK	RSL
Approved:	Checked By:
MSK	MSK

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 1
SW_01_SWP_20230731_CS_B2B**

31 July 2023