

**LEGEND**

--- Federal Navigation Channel

— Federal Navigation Center Line

— As-built Pipeline/Cable

..... Unconfirmed Pipeline/Cable

— Project Depth Contour

○ Cable Area

□ Anchorage Area

⊗ Obstruction Point

✶ Wrecks-Submerged

3 Fluff Thickness (feet)\*

□ Borrow Area

● Shoalest Sounding\*\*

☆ Beacon, General

◆ Red Navigation Buoy

◇ Green Navigation Buoy

■ -10' and above

■ -10' to -20'

■ -20' to -30'

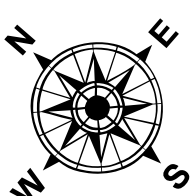
■ -30' to -40'

■ -40' to -45'

■ -45' to -50'

■ -50' to -55'

■ -55' and below



Gage Reading:  
Sea Conditions:  
Vessel Name:  
Survey Type:  
Sounding Frequency\*\*\*:

1.7 MLLW @ VENICE (01480) @ 0930  
CALM  
TOBIN  
CONDITION, SB  
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, 12-16).  
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.  
2024 Aerial Photography data source: Optimal GEO (1998 DOQQ in green)  
Reference is N.O.A.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.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted	Surveyed By: JTB & DBD	Plotted By: TSS	Checked By: HLJ
Recommended	Chief Survey Section		
Approved	Chief Waterways Maintenance Section		

MISSISSIPPI RIVER - B.R. TO GULF  
SOUTHWEST PASS - SHEET 2  
SW\_02\_SWPX\_20250710\_CS  
10 July 2025

Sheet  
Reference  
Number  
2 of 13

Revision Number:  
5.23.12.3-5.23.12.3

US Army Corps  
of Engineers  
District: CEMVN

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