



**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:  
Sea Conditions:  
Vessel Name:  
Survey Type:  
Sounding Frequency\*\*\*: LOW

GAGE\_READING  
CALM  
TOBIN  
CONDITION, SB

Feet

**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 01525 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.

**US Army Corps of Engineers**  
District: CEMVN

**DISCLAIMER:**  
Accession: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally provided. The user is responsible for the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the information. The user is responsible for the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the information. The user is responsible for the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the information. The user is responsible for the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the information.

U.S. ARMY CORPERS OF ENGINEERS  
NEW ORLEANS DISTRICT

Submitted:	Surveyed By:	Checked By:
Recommended:	JUC & RCC	MSK
Approved:	Plotted By:	
	TSS	

**MISSISSIPPI RIVER - B.R. TO GULF**  
**SOUTHWEST PASS - SHEET 4**  
**SW\_04\_SWP\_20240620\_CS**  
**20 June 2024**

**Sheet Reference Number**  
**4 of 13**

Revision Number:  
4.2-20240420