



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 01525 as of March 2020: 0.0' NAVD88, 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: 1.2 MLLW @ PILOT TOWN @ 0835
 Sea Conditions: CALM
 Vessel Name: OB-173
 Survey Type: CONDITION, SB
 Sounding Frequency***: LOW

US Army Corps of Engineers
District: CEMVN

DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are not to be used for any purpose other than that for which they were prepared, or implied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The user is responsible for the results obtained from the use of these data. Approximation of the data for other than its intended purpose. Data Constants: Hydrographic survey data is subject to change frequently due to several factors including but not limited to dredging operations, channel shifts, and other factors. The user is responsible for the accuracy of the data used. The information depicted on the map represents the results of the survey and is not to be used for any purpose other than that for which it was prepared. The information depicted on the map represents the results of the survey and is not to be used for any purpose other than that for which it was prepared.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	MGF & JJC
Recommended:	TSS
Approved:	MSK

**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 5
SW_05_SWP_20230420_CS_HDDA
20 April 2023**

**Sheet Reference Number
5 of 13**