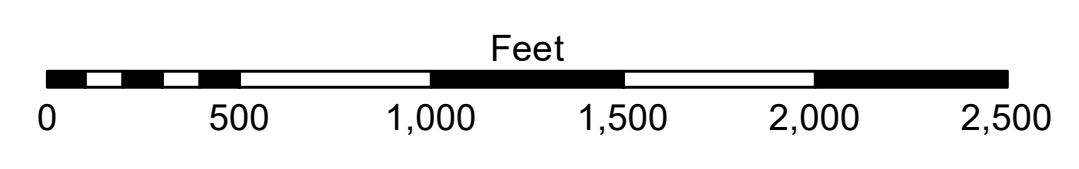


**LEGEND**

--- 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: 0.5 MLLW @ HEAD OF PASSES @ 0930  
 Sea Conditions: CALM  
 Vessel Name: OB-173  
 Survey Type: CONDITION, SB  
 Sounding Frequency\*\*\*: 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 01545 as of March 2020: 0.0' NAVD83, 2009.55 = -0.32' MLLW = 3.18' 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.  
 2016 Aerial Photography data source: Precision Aerial Reconnaissance, LLC (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.



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 Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations, channel migration, and other factors. The user is responsible for the hydrographical conditions which develop after the date of the survey. Prudent mariners should not rely solely upon it.  
 Access Constraints: The United States Government furnishes these data and the recipient acquires and uses them with the express understanding that the data are not to be distributed, reproduced, or used for any purpose other than that for which they were prepared, or implied concerning the accuracy, completeness, reliability, usability, or timeliness of the data. The data are provided under no liability whatsoever to any person by reason of any use of the data. These data are being made available to the public as a courtesy of the U.S. Army Corps of Engineers. The recipient may not transfer these data to others without also transferring the Disclaimer. The information depicted on the map represents the results of a survey and is not to be used for navigation. It is not to be considered as a representation of the general condition existing at that time.

**U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT**

Submitted:	Checked By:
Recommended:	Checked By:
Approved:	Checked By:

Surveyed By: DBO & JJC  
 Plotted By: TSS  
 Checked By: MSK

**MISSISSIPPI RIVER - B. R. TO GULF  
 SOUTHWEST PASS - SHEET 7  
 SW\_07\_SWP\_20221020\_CS  
 20 October 2022**

**Sheet Reference Number  
 7 of 13**

Revision Number:  
 4.2-202 (04/20)