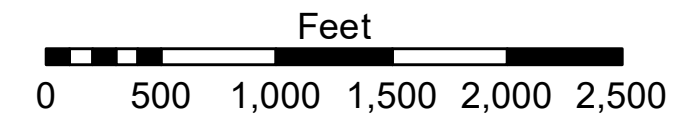
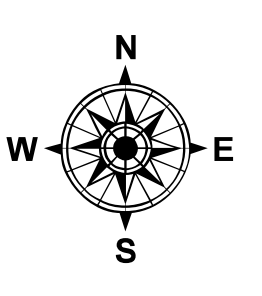


LEGEND

Federal Navigation Channel	Cable Area	Borrow Area	0' and above
Federal Navigation Center Line	Placement Area	Shoalest Sounding**	0' to -5'
As-built Pipeline/Cable	Anchorage Area	Beacon, General	-5' to -10'
Unconfirmed Pipeline/Cable	Obstruction Point	Red Navigation Buoy	-10' to -20'
Project Depth Contour	Wrecks-Submerged	Green Navigation Buoy	-20' to -30'
			-30' to -35'
			-35' to -40'
			-40' to 45'
			-45' to 50'
			-50' and below



LWRP: 0.7
 Gage Reading: R:10.4 NO:7.7 VRS USED:8.1 NAVD
 Sea Conditions: CALM
 Vessel Name: OB-169
 Survey Type: CONTROL
 Sounding Frequency***: HI

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 Low Water Reference Plane 2007 (NAVD).

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 and USACE crew.

2015 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.

Reference is N.O.A.A. Navigation Chart No. 11370.

** 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 (20 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.



DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, expressed or implied, as to the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information. The user is responsible for the results obtained from the use of the information. The application of the data for other than its intended purpose is prohibited. The user is responsible for any use under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore, the Government provides this information on an "as is" basis. The user agrees to indemnify and hold the United States Government harmless from any and all claims, damages, losses, costs, expenses, and attorney's fees that may be incurred by the United States Government as a result of the use of these data by others without the written consent of the United States Government. The information depicted on this map represents the results of a survey conducted on or about the date of the survey. The user is responsible for the accuracy of the information depicted on this map. The user is responsible for the accuracy of the information depicted on this map. The user is responsible for the accuracy of the information depicted on this map.

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

Submitted:	Surveyed By: PM,JA
Recommended:	Plotted By: BD
Checked:	Checked By: ADJH
Approved:	Checked: Waterways Maintenance Section

**MISSISSIPPI RIVER - B.R. TO GULF
 FAIRVIEW CROSSING
 MD_48_FRV_20240202_CS
 02 February 2024**

**Sheet Reference Number
 48 of 97**

Revision Number:
 4.2-20240420