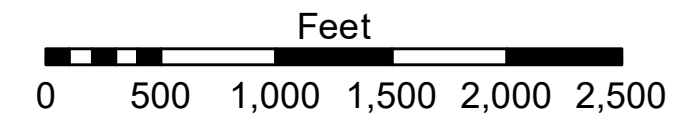
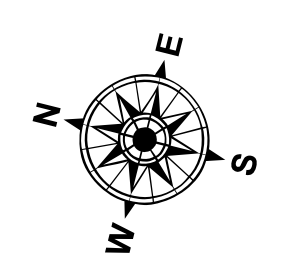


LEGEND			
	Federal Navigation Channel		Cable Area
	Federal Navigation Center Line		Placement Area
	As-built Pipeline/Cable		Borrow Area
	Unconfirmed Pipeline/Cable		Shoalest Sounding**
	Project Depth Contour		Beacon, General
	Obstruction Point		Red Navigation Buoy
	Wrecks-Submerged		Green Navigation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



LWRP: 1.2
 Gage Reading: D:14.2 R:10.4 USED:12.50 NAVD
 Sea Conditions: CALM
 Vessel Name: M/V LAFOURCHE
 Survey Type: CS
 Sounding Frequency***: HIGH

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.
 2010 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.
 Reference is N.O.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 data are not warranted for any purpose other than that for which they were prepared. The user is responsible for the results of any use of the data for other than the intended purpose. The application of the data for other than the intended purpose may result in injury or death. The user is responsible for the results of any use of the data for other than the intended purpose. The application of the data for other than the intended purpose may result in injury or death. The user is responsible for the results of any use of the data for other than the intended purpose. The application of the data for other than the intended purpose may result in injury or death.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	RYLAND/SIMMONS	Surveyed By:
Recommended:	Chet, Survey Section	Plotted By:
Approved:	Chet, Waterways Maintenance Section	Checked By:
		AD/JH

**MISSISSIPPI RIVER - R. TO GULF
 RICH BEND CROSSING
 MD_29_RIB_20230502_CS
 02 May 2023**

**Sheet
 Reference
 Number
 29 of 97**

Revision Number:
 4.2-202/064.20