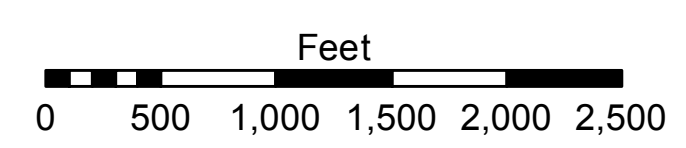
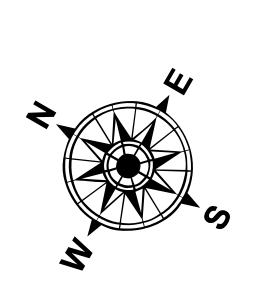


LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	0' and above
— Federal Navigation Center Line	■ Placement Area	● Shoalest Sounding**	0' to -5'
— As-built Pipeline/Cable	□ Anchorage Area	☆ Beacon, General	-5' to -10'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation 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' and below



LWRP: 1.5
 Gage Reading: BR:13.5 D:6.9 USED:8.1 NAVD
 Sea Conditions: <1FT
 Vessel Name: 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 based 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 data are not warranted for any purpose other than that for which they were collected or implied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the user. The user is responsible for the results of the application of the data for other than its intended purpose. Data contained in hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, accretion, scour, and other natural processes. The Army Corps of Engineers accepts no responsibility for changes in the hydrographic conditions which develop after the date of the survey. The information depicted on this map represents the results of a survey conducted at the time the map was prepared and is not intended to represent the general condition existing at that time. The Corps of Engineers' internal use. Product maintainers should not rely solely upon this information.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted:	Surveyed By: DS/PS	Plotted By: JHT	Checked By: JHT
Recommended:	Chart, Survey Section		
Approved:	Chart, Waterways Maintenance Section		

**MISSISSIPPI RIVER - B.R. TO GULF
 PHILADELPHIA POINT CROSSING
 MD_19_PHP_20210810_CS
 10 August 2021**

**Sheet Reference Number
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