



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

**LWRP:** 1.5  
**Gage Reading:** BR:9.8 D:5.0 USED:5.80 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.  
 2015 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.



**Distribution Liability:** The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results. The user's application of the data for other than its intended purpose is at their own risk. The user assumes all liability for any damage or injury resulting from the use of the data for other than its intended purpose.

**Data Accuracy:** Hydrographic survey data is subject to change due to several factors including but not limited to changing water levels, sedimentation, and other factors. The user is responsible for the accuracy of the data. The user is responsible for the accuracy of the data. The user is responsible for the accuracy of the data.

**Disclaimer:** The information depicted on this map represents the results of a survey conducted on the date of the survey. The information is considered to represent the general condition existing at that time.

Submitted:	Surveyed By:
Recommended:	RYLAND/SIMMONS
Approved:	Chief, Survey Section
	Plotted By:
	BD
	Checked By:
	AOJH

**MISSISSIPPI RIVER - B.R. TO GULF**  
**PHILADELPHIA POINT CROSSING**  
**MD\_19\_PHPX\_20230821\_CS**  
**21 August 2023**

**Sheet Reference Number**  
**19 of 97**

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