



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

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 (NGVD).

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.

LWRP: 1.5
Gage Reading: BR:43.2 D:31.2 USED:32.9 NGVD
Sea Conditions: CONDITION
Vessel Name: M/V LAFOURCHE
Survey Type: CONDITION
Sounding Frequency***: HIGH

Feet
0 500 1,000 1,500 2,000 2,500



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, control, 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 not recommended.

DATA CONSTRAINTS: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, sedimentation, and other factors. The user is responsible for the results of the data. The user's application of the data for other than its intended purpose is not recommended.

The information depicted on this map represents the results of a survey conducted on the date of the survey. It is not intended to represent the general condition existing at that time.

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

Submitted:	Surveyed By: JH/SPS
Recommended: Chief Survey Section	Plotted By: BD
Approved: Chief Waterways Maintenance Section	Checked By: AC

**MISSISSIPPI RIVER - B.R. TO GULF
PHILADELPHIA POINT RECON
MR_19_PHP_20190515_CS
15 May 2019**

**Sheet Reference Number
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