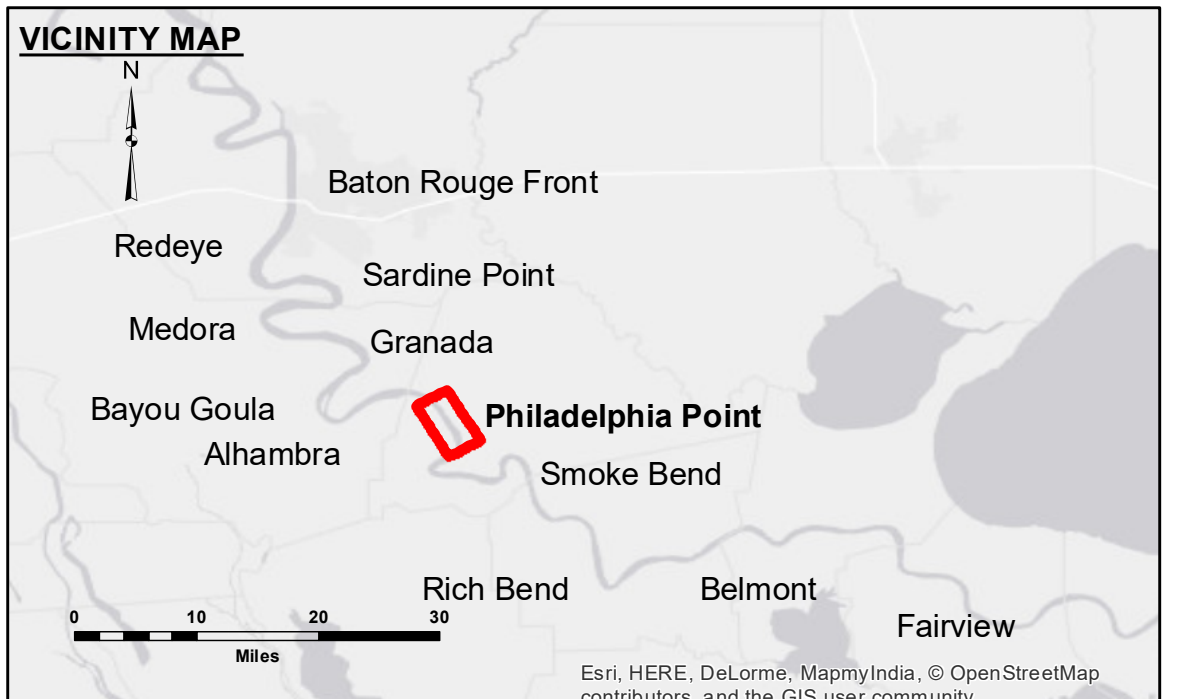


DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not warranted for any purpose other than that for which they were collected. The user is responsible for the results of any use of the data for other than its intended purpose. The application of the data for other than its intended purpose may result in injury or damage to persons or property. The user assumes all liability for such use. The information depicted on this map represents the results of a survey conducted on or about the date of the survey. The information is not intended to represent the general condition existing at that time. The information is not intended to be used for any purpose other than that for which it was collected. The user assumes all liability for such use.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: DS/PS	Plotted By: BD
Recommended:	Checked By: AC	Checked By: AC

**MISSISSIPPI RIVER - B.R. TO GULF
PHILADELPHIA POINT RECON
MR_19_PHP_20170802_CS
02 August 2017**



LEGEND		0' and above	
--- Federal Navigation Channel	○ Cable Area	0' to -5'	 LWRP: 1.5 Gage Reading: BR:15.4 D:9.0 USED:9.9 NGVD Sea Conditions: CALM Vessel Name: M/V LAFOURCHE Survey Type: CONDITION Sounding Frequency***: HIGH
— Federal Navigation Center Line	□ Placement Area	-5' to -10'	
— As-built Pipeline/Cable	□ Anchorage Area	-10' to -20'	
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	-20' to -30'	
— Project Depth Contour	★ Beacon, General	-30' to -35'	
	◆ Wrecks-Submerged	-35' to -40'	
	□ Borrow Area	-40' to 45'	
	● Shoalest Sounding**	-45' and below	
	◆ Red Navigation Buoy		
	◆ Green Navigation Buoy		

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 based 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.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 bathymeter settings.

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