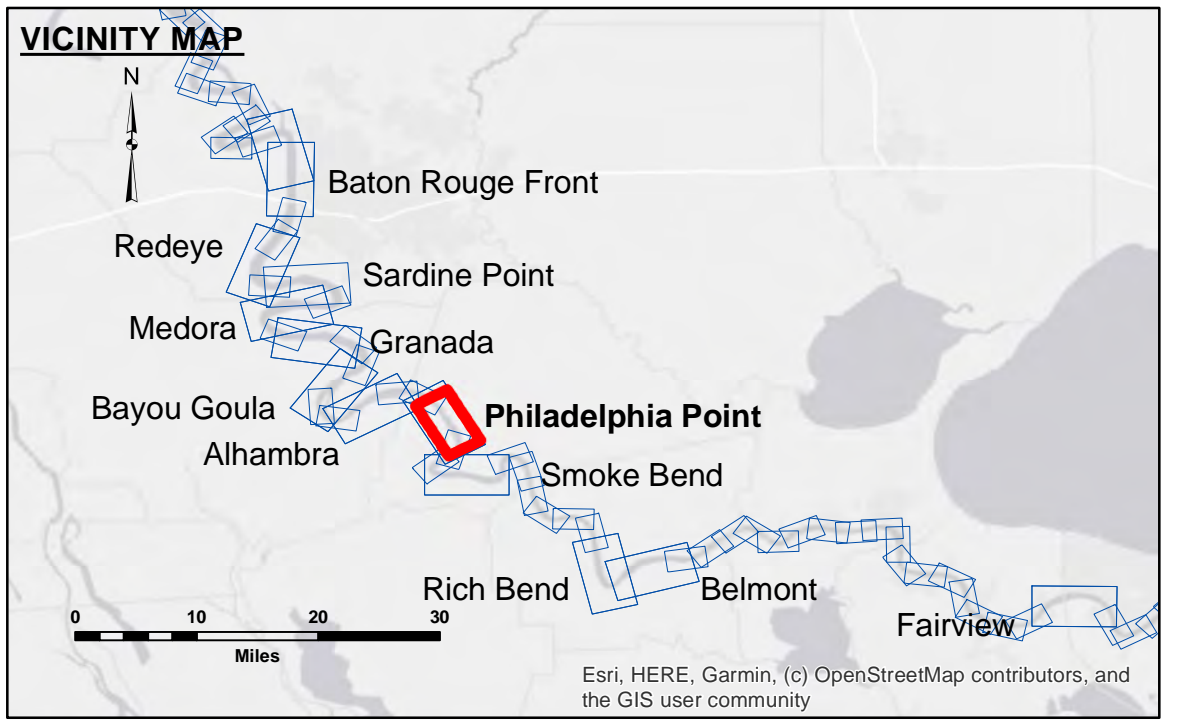


Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results. The user's application of the data for other than its intended purpose is at the user's risk. The user is not responsible for any errors or omissions. The user is not responsible for any damage or injury resulting from the use of the data. The user is not responsible for any loss of data or information. The user is not responsible for any other consequences of the use of the data. The user is not responsible for any other consequences of the use of the data. The user is not responsible for any other consequences of the use of the data.

| | | |
|--------------|----------------|-------------|
| Submitted: | Surveyed By: | Checked By: |
| Recommended: | RYLAND/SIMMONS | AD/JH |
| Approved: | Plotted By: | |
| | BD | |

MISSISSIPPI RIVER - B.R. TO GULF PHILADELPHIA POINT CROSSING
 MD_19_PHP_20241030_CS
 30 October 2024



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

LWRP: 1.5
 Gage Reading: BR:4.7 D:2.8 USED: 3.10 NAVD88
 Sea Conditions: CALM
 Vessel Name: LAFORUCHE
 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.

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