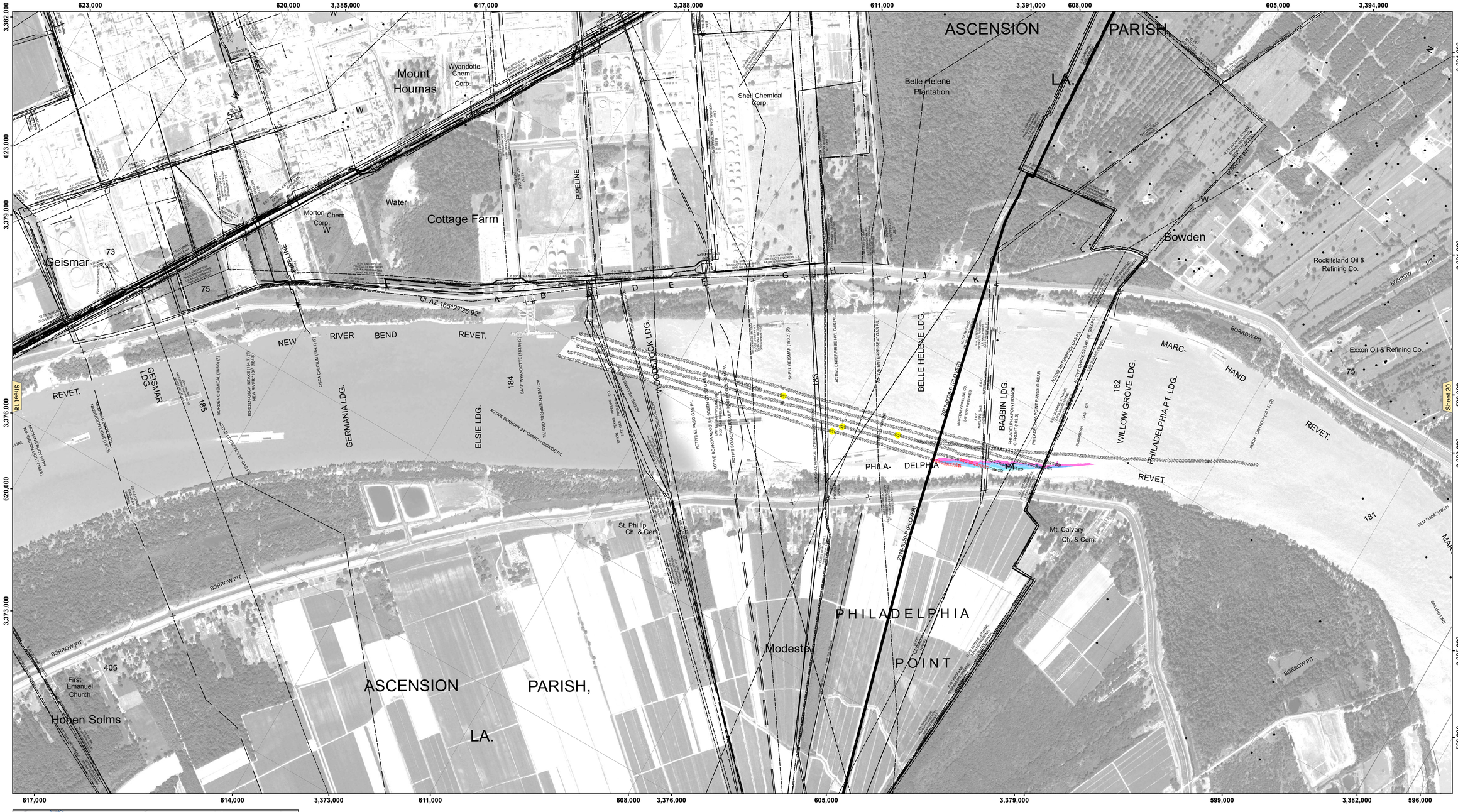

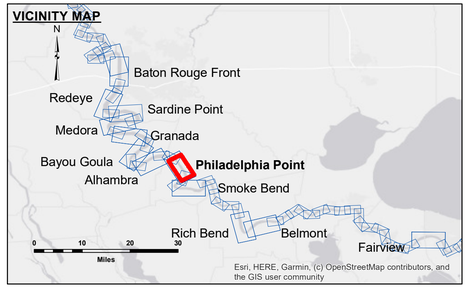

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- As-built Pipeline/Cable
- Unconfirmed Pipeline/Cable
- Project Depth Contour
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Borrow Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy
- 0' and above
- 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:29.3 D:19.7 USED:21.40 NAVD
Sea Conditions:	CALM
Vessel Name:	M/V LAFOURCHE
Survey Type:	CS
Sounding Frequency***:	HIGH

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

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.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.

US Army Corps of Engineers
District: CEMVN

DISCLAIMER
Access Constraints: The United States Government furnishes this map and the data contained therein to help the user in understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, or suitability of this map or any of the data beyond the information and the data furnished. The United States shall be under no liability whatsoever to any individual or party for any reason made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government data. In addition, the recipient agrees to indemnify these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection and analysis performed by the Government agency and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy of the application. The Government shall not be liable for any of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to environmental processes occurring after the date of the survey. Hydrographic conditions may develop after the date of publication. This data is intended for U. S. Army Corps of Engineers internal use. Private businesses should do their own survey.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By:	RYLAND/SIMMONS	
Plotted By:	BD	
Checked By:	AO/JH	
Submitted:		
Recommended:	Chief, Survey Section	
Approved:	Chief, Waterways Maintenance Section	

MISSISSIPPI RIVER - B.R. TO GULF
PHILADELPHIA POINT CROSSING
MD_19_PHP_20240215_CS
15 February 2024

Sheet Reference Number
19 **of** 97

Revison Number:
4.2-20200420