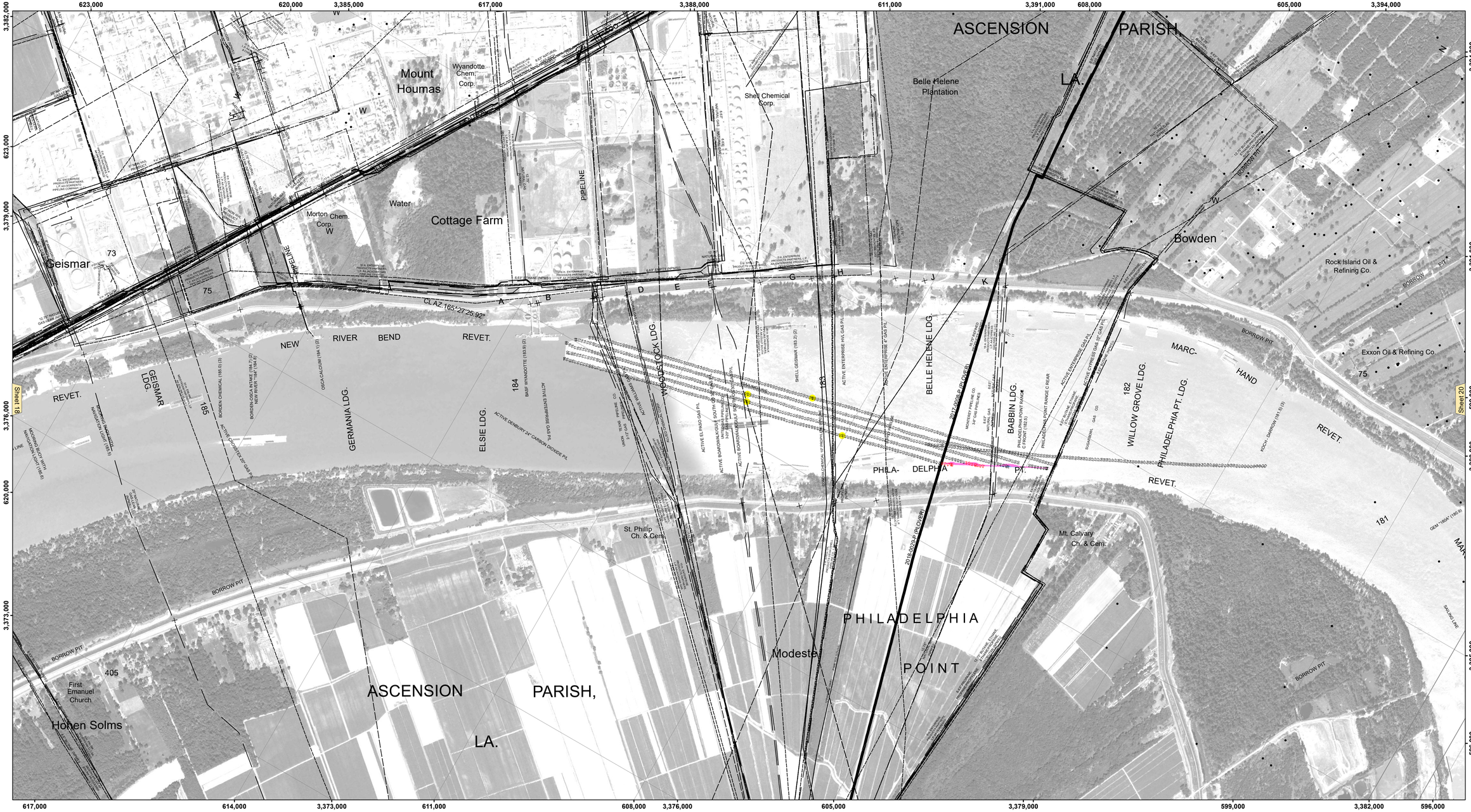

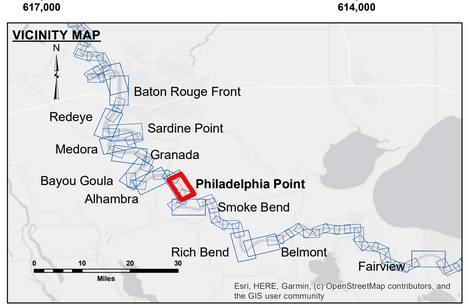

LEGEND

- 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:4.1 D:3.1 USED: 3.30 NAVD
Sea Conditions:	CALM
Vessel Name:	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

Distribution Liability: The data represents the results of data collection and processing activities at the time of survey activity and indicates the general existing conditions. As such it is only valid for its intended use, content, time and accuracy and is not to be used for navigation. The U.S. Government assumes no responsibility for any changes in the environment since the date of survey. Data Constraints: Hydrographic survey data is subject to change due to environmental processes occurring after the date of survey activity and natural shoaling and scouring processes. The U. S. Government assumes no responsibility for any changes in the environment since the date of survey. The data is intended for publication. This data is intended for U. S. Army Corps of Engineers internal use. Persons reviewing should verify survey report.

DISCLAIMER
Access Constraints: The United States Government furnishes this map and the data contained therein to the recipient with understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, or suitability of this map and the data contained therein and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than data furnished by the Government. The recipient shall not transfer these data to others without also transferring this Disclaimer.

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered as it represent the general conditions existing at the time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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

MISSISSIPPI RIVER - B.R. TO GULF
PHILADELPHIA POINT CROSSING
MD_19_PHP_20231005_CS
05 October 2023

Sheet Reference Number
19 **of** 97

Revison Number:
4.2-20200420