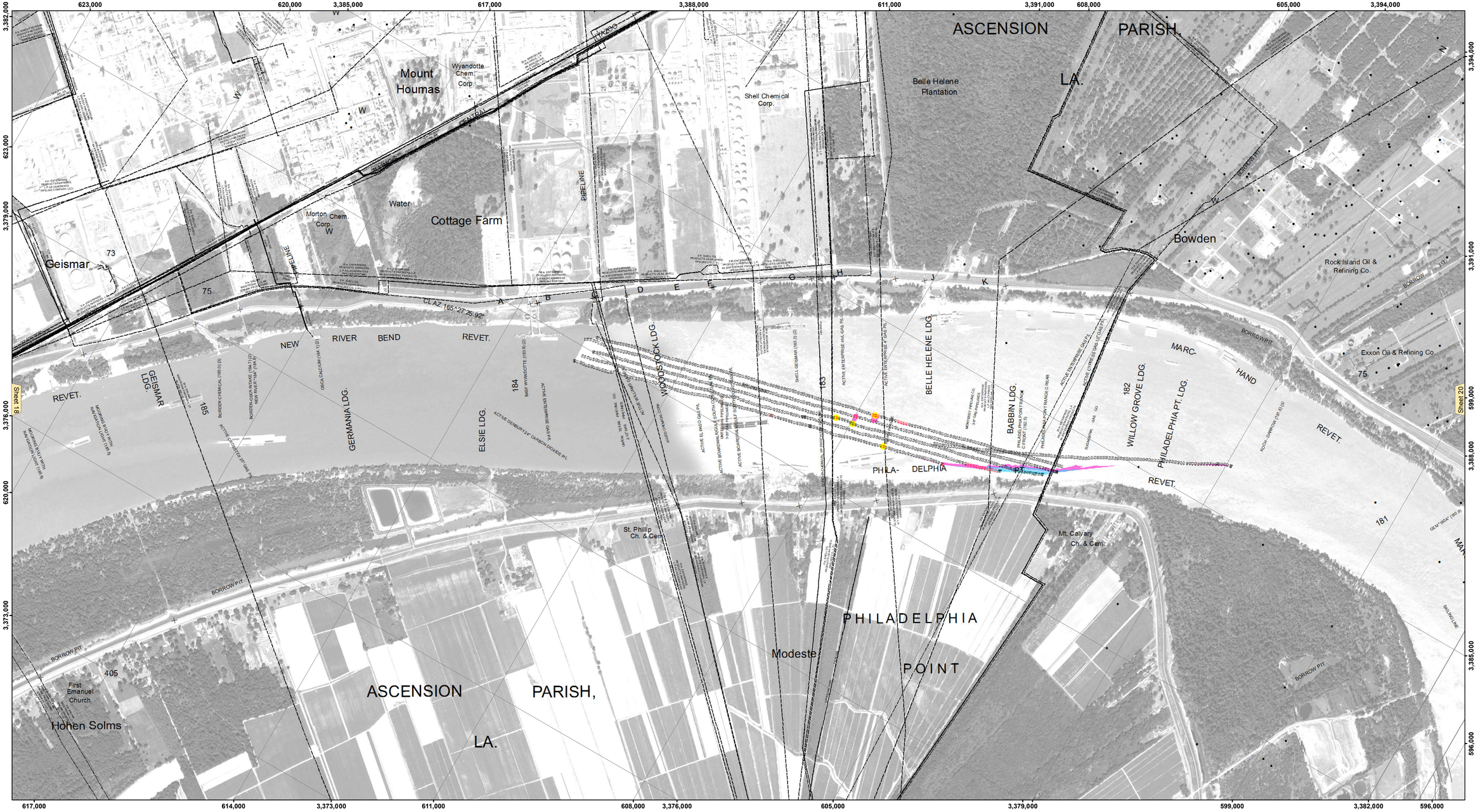


US Army Corps of Engineers
District: CEMVN

Distribution Liability: The data represents the results of data collection and analysis performed by the Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy. The Corps of Engineers assumes no responsibility for the use 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 factors such as storms, seismic activity, and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the environment occurring after the date of data publication. This data is intended for U. S. Army Corps of Engineers internal use. Product is provided as-is by request.

DISCLAIMER
Access Constraints: The United States Government furnishes these data and has no responsibility or liability with the express exceptions stated herein. No other warranties are made, either expressed, or implied concerning the accuracy, completeness, suitability, or utility of the information furnished herein. Any use of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. Except for the express warranties stated herein, the recipient fully agrees not to represent these data to anyone as other than the best available data of the United States and not to represent 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 to represent the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

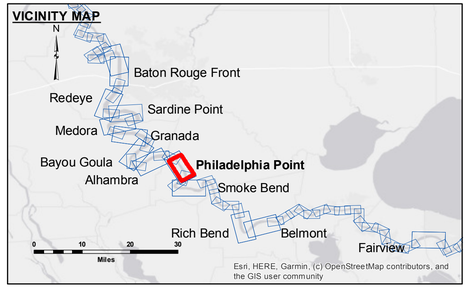
Submitted: Surveyed By: DSUA
Recommended: Plotted By: BD
Approved: Checked By: AO
Chief, Survey Section
Chief, Waterways Maintenance Section

MISSISSIPPI RIVER - B.R. TO GULF
PHILADELPHIA POINT CROSSING
MD_19_PHP_20210413_CS
13 April 2021

Sheet Reference Number
19 **of** 97

Revison Number:
4.1-20191105

VICINITY MAP



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:37.6 D:26.5 USED:28.10 NAVD
Sea Conditions:	CALM
Vessel Name:	M/V VALENTOUR
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.