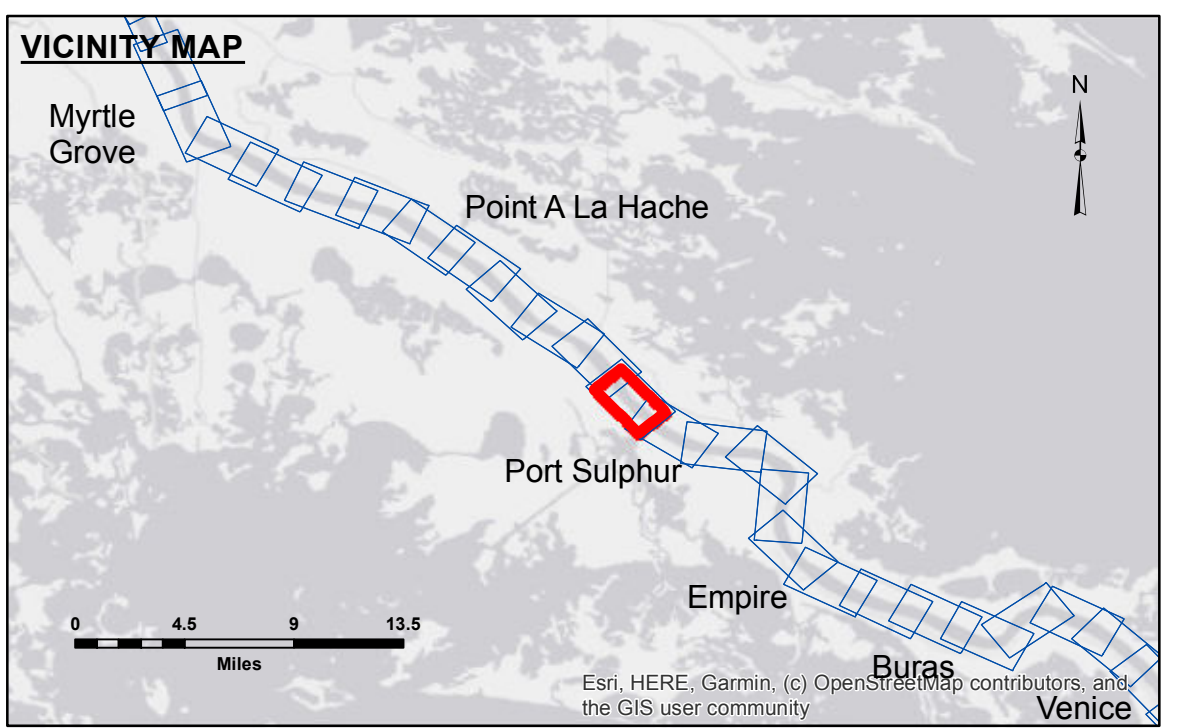


DISCLAIMER
 Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is not intended for use in any other project or application. The user is responsible for the results of their use. The application of the data for other than its intended purpose is not supported. Data Constants: Hydrographic survey data is subject to change due to several factors including but not limited to: changes in the hydrographical conditions when developed after the date of the survey; changes in the hydrographical conditions when used for purposes other than those for which it was collected; and changes in the data due to errors in the data collection process. The user is responsible for the results of their use. The application of the data for other than its intended purpose is not supported. Data Constants: Hydrographic survey data is subject to change due to several factors including but not limited to: changes in the hydrographical conditions when developed after the date of the survey; changes in the hydrographical conditions when used for purposes other than those for which it was collected; and changes in the data due to errors in the data collection process. The user is responsible for the results of their use. The application of the data for other than its intended purpose is not supported.

Submitted:	Surveyed By: SPPM
Recommended: Chief, Survey Section	Plotted By: AC
Approved: Chief, Waterways Maintenance Section	Checked By: AC

MISSISSIPPI RIVER - B.R. TO GULF
PORT SULPHUR - SHEET 1
MD_84_PS1X_20210514_CS
14 May 2021



LEGEND

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

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 based on and provided by the U.S. Coast Guard and USACE crew.
 2017 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.

LWRP: 0.3
 Gage Reading: WP:5.2EM:3.8 USED:4.6 NAVD
 Sea Conditions: CHOP
 Vessel Name: OB-167
 Survey Type: CONDITION
 Sounding Frequency***: HIGH

Sheet Reference Number
84 of 97

Revision Number:
 4.1-2019115