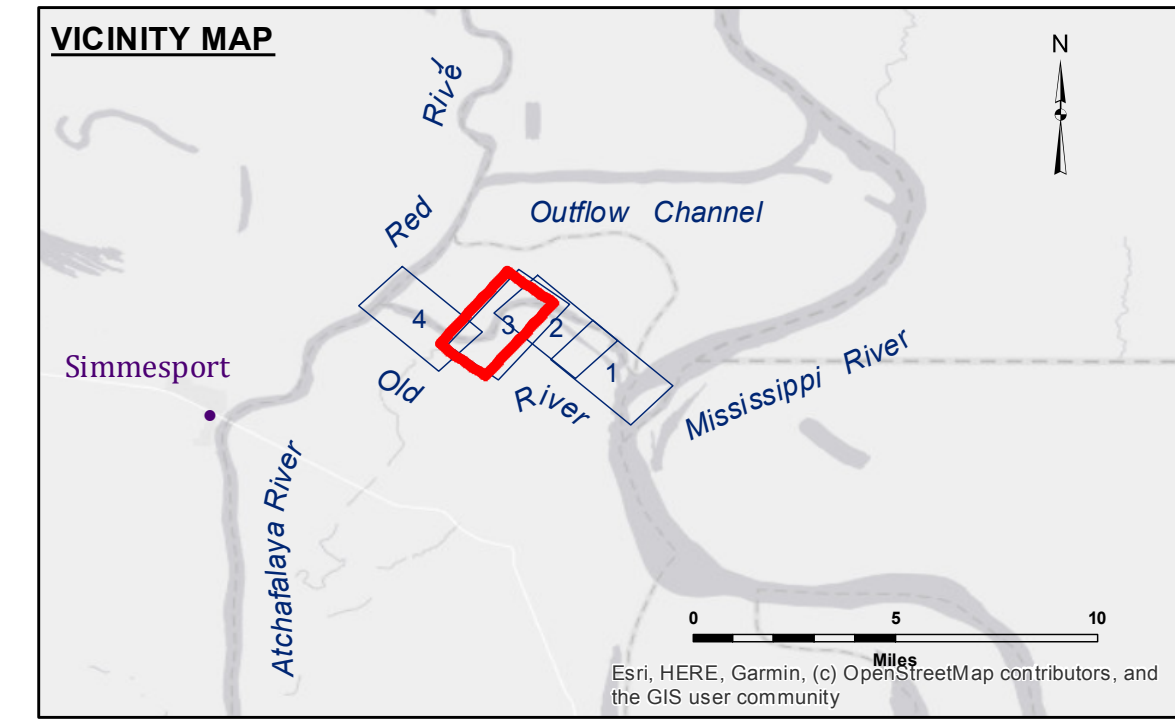


**G.I.W.W. CHANNEL C/L
X,Y COORDINATES**

- 1.) x = 3,165,637.12 y = 916,460.18
- 2.) x = 3,164,150.51 y = 915,448.24
- 3.) x = 3,163,839.42 y = 914,873.43
- 4.) x = 3,163,150.25 y = 913,099.57
- 5.) x = 3,161,461.76 y = 911,823.89

Sheet 4

Sheet 2



LEGEND	
--- Federal Navigation Channel	● Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	⚓ Wrecks-Submerged
□ Borrow Area	● Shoalest Sounding**
★ Beacon, General	◆ Red Navigation Buoy
◆ Green Navigation Buoy	

Gage Reading: ORL TB: 18.90 NGVD
 Sea Conditions: CALM
 Vessel Name: OB-167
 Survey Type: CONDITION
 Sounding Frequency***: HIGH

Reference is N.O.A.A. Navigation Chart No. 11354.
 *** Shoalest Sounding per Quarter per Reach.

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 National Geodetic Vertical Datum of 1929 (NGVD29).

The location of navigation aids are based on and provided by the U.S. Coast Guard. Positions of navigation aids shown may also have been surveyed in the field by USACE.

2015 Aerial Photography data source: NAIP, 1998 DOQQ imagery shown in green from USGS.

Reference is N.O.A.A. Navigation Chart No. 11354.

*** 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.



ACCESS NOTES:
 The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally prepared. The user is responsible for the results, reliability, usability or suitability for any particular purpose of the data. The user shall indemnify and hold the United States Government harmless from Government provided data. The recipient may not transfer these data to others without the written consent of the United States Army Corps of Engineers. The recipient shall not be held responsible for the use of the data for purposes other than those intended. The information depicted on this map represents the results of a survey conducted on the ground and is not to be used for any purpose other than that for which it was intended. Product maintainers should not rely solely on this information.

Submitted:	Surveyed By: RYLAND/RHODEN
Recommended: Chief Survey Section	Plotted By: BD
Approved: Chief Waterways Maintenance Section	Checked By: AC

**OLD RIVER LOCK VICINITY
THREE RIVERS 1
OR_03_3R1_20210804_CS
04 August 2021**

**Sheet Reference Number
3 of 4**