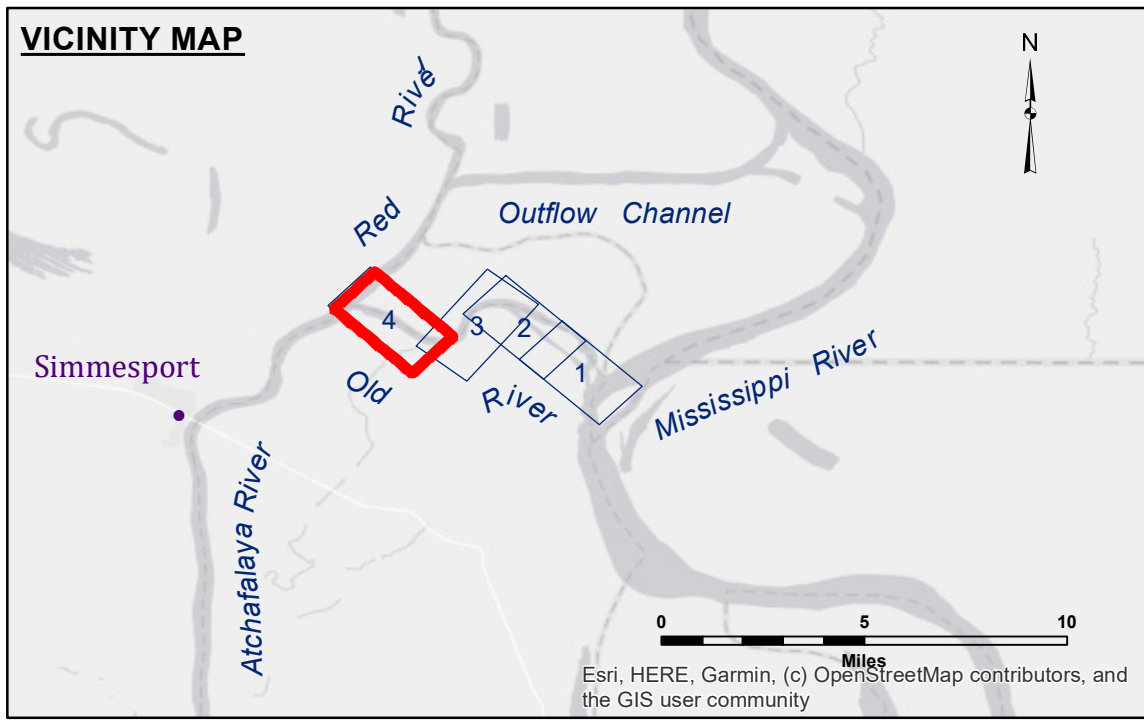


DISCLAIMER
 Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results. The user's application of the data for other than its intended purpose is at their own risk. The US Army Corps of Engineers does not warrant the accuracy of the data for other than its intended purpose.
 Data Collection: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrological conditions when developing the data of the project. The US Army Corps of Engineers does not warrant the accuracy of the data for other than its intended purpose. The user is responsible for the results of the data for other than its intended purpose.
 The information depicted on this map represents the results of a survey conducted on the general condition existing at that time. It is not intended to represent the general condition existing at that time.

Submitted:	Surveyed By: RYLAND/MOLLERE
Recommended: Chief Survey Section	Plotted By: BD
Approved: Chief Waterways Maintenance Section	Checked By: AD/JH

OLD RIVER LOCK VICINITY
THREE RIVERS 2
OR_04_3R2_20230710_CS
10 July 2023

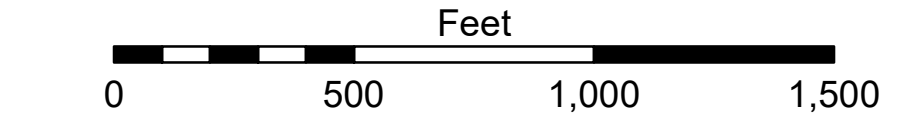
Sheet Reference Number
4 of 4



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	

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.

Gage Reading: ORL TAILBAY: 8.20 NGVD
 Sea Conditions: CALM
 Vessel Name: OB-167
 Survey Type: CS
 Sounding Frequency***: HIGH



3,151,000

3,154,000

3,157,000

908,000

911,000

914,000

917,000

920,000

3,151,000

917,000

3,151,000

3,154,000

3,157,000

908,000

911,000

914,000

917,000