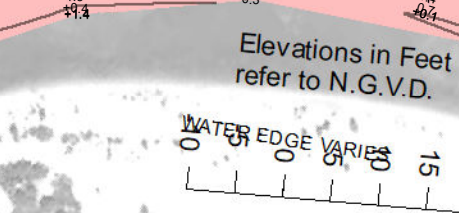


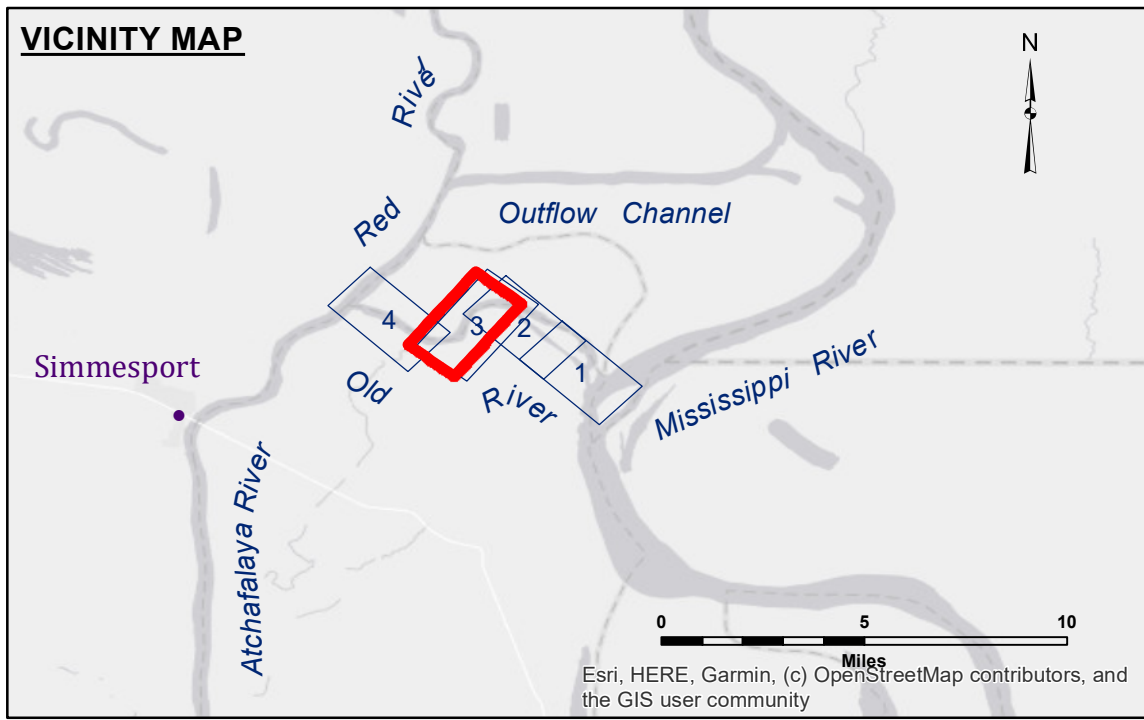
**G.I.W.W. CHANNEL C/L
X,Y COORDINATES**

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



CURVE #2 DATA

$\Delta = 57^{\circ}33'13.2''$
 $R = 1884.33$
 $T = 1076.99$
 $L = 1974.69$
 $LC = 1894.45$



LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -8' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -8' to -10'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -10' to -12'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -12' and below
— Project Depth Contour	⚓ Wrecks-Submerged	◆ 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

Scale: 0 500 1,000 1,500 Feet



DISCLAIMER

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 prepared, or implied concerning the accuracy, completeness, reliability, usability or suitability, for any particular purpose of the recipient. The user is responsible for the results of any use of these data, and the United States Government shall not be liable under any liability whatsoever to any person by reason of any use of these data. These data belong to the Government. Therefore the recipient agrees to indemnify and hold the Government harmless from any and all claims, damages, costs, and expenses, including reasonable attorneys' fees, that may be incurred by the Government or any other person as a result of the use of these data by the recipient. The recipient may not transfer these data to others without the written approval of the District Engineer. The information depicted on this map represents the results of a survey conducted by the Corps of Engineers and is not to be considered for any other purpose than that for which it was prepared.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: RYLAND/MOLLERE
Recommended:	Placed By: BD
Approved:	Checked By: AD/JH

**OLD RIVER LOCK VICINITY
THREE RIVERS 1
OR_03_3R1_20230710_CS
10 July 2023**

**Sheet Reference Number
3 of 4**

Revision Number:
4-2-2023(04/20)