

TABLE OF COORDINATES

POINT NO.	X	Y
1	3160729.903	911755.022
2	3160120.449	911697.669
3	3159401.048	911823.878
4	3158068.092	912453.314
5	3157265.795	912997.188
6	3155331.319	914800.430
7	3154295.135	915466.061
8	3152502.488	916195.316
9	3151447.847	916490.361
10	3151271.506	916518.500

CURVE #5 DATA
 $\Delta = 13734.727'$
 $D = 11'11.456''$
 $R = 4790.697$
 $T = 551.19$
 $L = 1097.533$
 $LC = 1095.134$

CURVE #5 DATA
 $\Delta = 204747.529'$
 $D = 1'40.284''$
 $R = 3423.39$
 $T = 296.202$
 $L = 1242.581$
 $LC = 1235.771$

CURVE #4 DATA
 $\Delta = 174242.961'$
 $D = 1'49.12''$
 $R = 3147.98$
 $T = 490.481$
 $L = 973.138$
 $LC = 969.267$

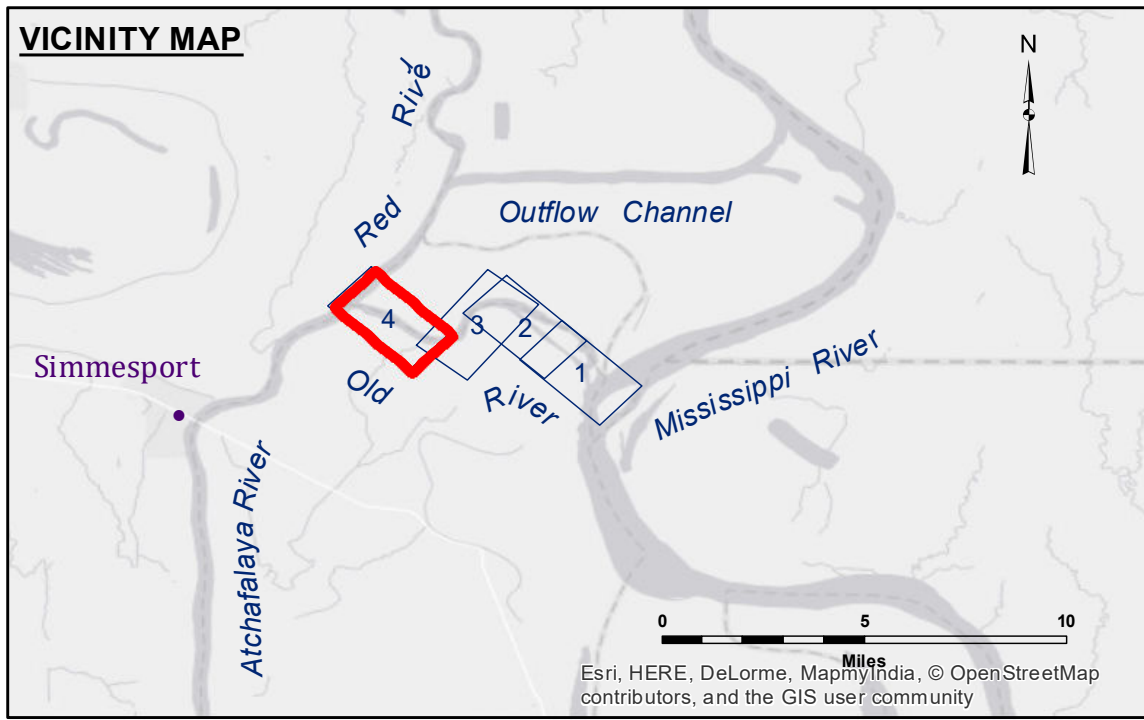
CURVE #3 DATA
 $\Delta = 3073911.543'$
 $D = 4' 8.482''$
 $R = 1981.63$
 $T = 378.86$
 $L = 730.171$
 $LC = 730.388$

Elevations in Feet refer to N.G.V.D.

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TYPICAL SECTION
 Station 254+00 to 344+00

TYPICAL SECTION
 Station 346+00 to 362+00



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	

ORL TB: 13.4 NGVD

Gage Reading: ORL TB: 13.4 NGVD
 Sea Conditions: CALM
 Vessel Name: 189
 Survey Type: CONDITION
 Sounding Frequency***: HIGH

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.

2010 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.



DISCLAIMER
 Distribution Liability: The data represents the results of data collection for a specific US Army Corps of Engineers project. It is not intended for use in any other project or for any other purpose. The user is responsible for the accuracy, reliability, and timeliness of the data. The user is advised to verify the data for its intended use, content, time and accuracy specifications. The user is responsible for the results of the application of the data for other than its intended purpose.
 Data Collection: Hydrographic survey data is subject to change due to several factors including, but not limited to, changing hydrographic conditions, changes in the bathymetry of the waterway, and changes in the hydrographic conditions which develop after the date of the survey. The user is advised to verify the data for its intended use. Product maintainers should not rely solely upon this information.

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

Submitted: _____	Surveyed By: SPS,JH
Recommended: _____	Plotted By: BD
Checked: _____	Checked By: AC
Approved: _____	

**OLD RIVER LOCK VICINITY
 THREE RIVERS 2
 OR_04_3R2_20170807_CS
 07 August 2017**

**Sheet Reference Number
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