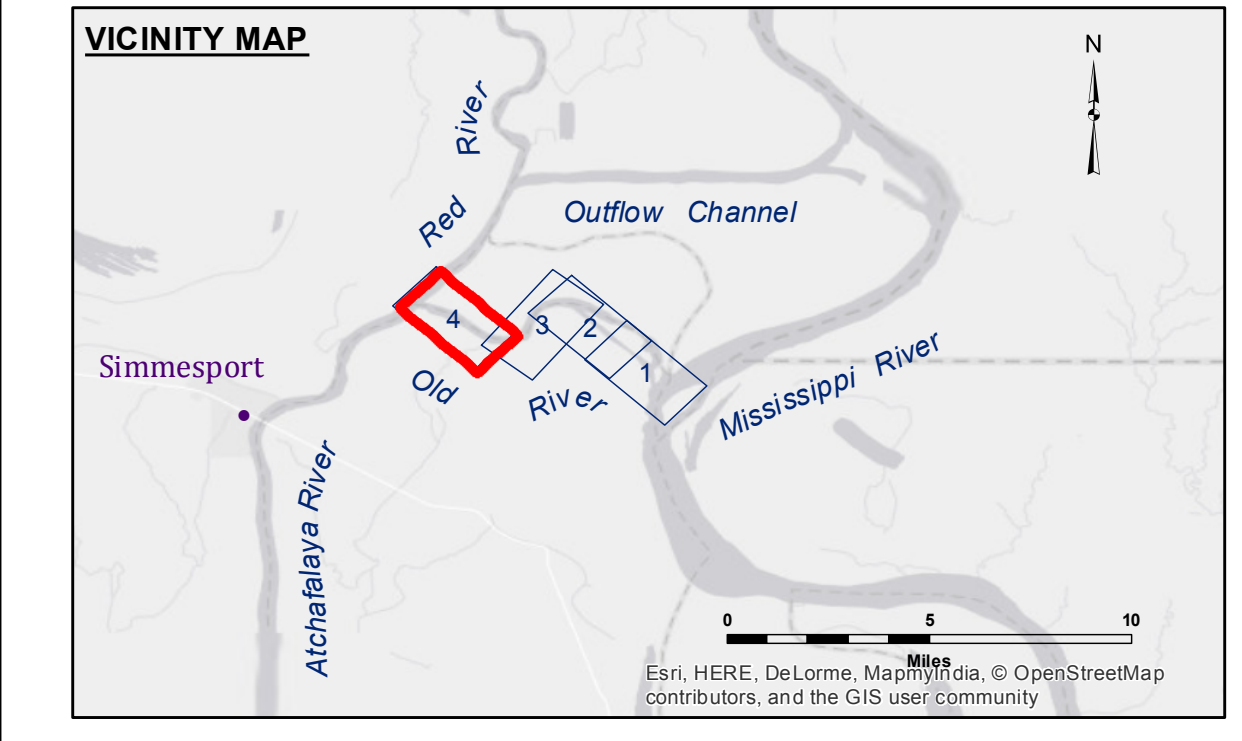


TABLE OF COORDINATES

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



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.

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.

Gage Reading: ORL TB: 6.0 MLG
Sea Conditions: CALM
Vessel Name: OB1-189
Survey Type: CONDITION
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 Government makes no warranty, either expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information. The user is responsible for the results. The user shall indemnify, defend and hold the United States Government harmless from and against all claims, damages, losses and expenses, including reasonable attorneys' fees, that may be incurred by the United States Government as a result of the use of the information. The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers and is not to be used for any purpose other than that for which it was intended. The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers and is not to be used for any purpose other than that for which it was intended.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: SR, JH
Recommended: Chief, Survey Section	Plotted By: AO
Approved: Chief, Waterways Maintenance Section	Checked By: AN

**OLD RIVER LOCK VICINITY
THREE RIVERS 2
OR_04_3R2_20151020
20 October 2015**

**Sheet Reference Number
4 of 4**