914,000 3,160,000 917,000 3,163,000 920,000

911,000 3,160,000 908,000 3,163,000 911,000 3,166,000 914,000 3,169,000 917,000 3,166,000 920,000 3,169,000

Sheet 4 Sheet 2

G.I.W.W. CHANNEL C/L
X,Y COORIDINATES
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

LOWER OLD RIVER

OLD

GREEN BUOY

RED BUOY

BARGES

MI 4

MI 5

MI 3

WATER EDGE VARIES

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

Sand Bar

APPROX. LIMIT OF DREDGING STA. 179 + 50

CURVE #2 DATA
Δ = 57°11'35.760"
D = 2° 53'13.2"
R = 1984.33
T = 1078.00
L = 1974.99
LC = 1894.48

TYPICAL SECTION
Station 70+00 to 76+00

℄ Channel

Keller's Lake

Bayou Lettsworth

Oak Grove Cem. Ch.

137+6.3

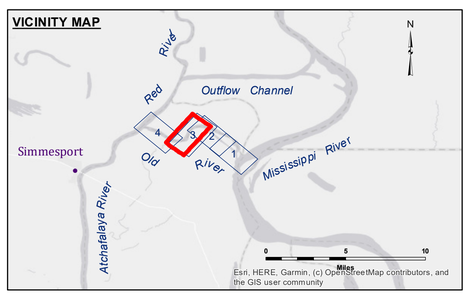
PT

PI

PC 3

GREEN BUOY

RED BUOY



LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- As-built Pipeline/Cable
- Unconfirmed Pipeline/Cable
- Project Depth Contour
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Borrow Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy
- -8' and above
- -8' to -10'
- -10' to -12'
- -12' and below

W N S E

Gage Reading: ORL TAILBAY: 10.40 NGVD
Sea Conditions: CALM
Vessel Name: OB-189
Survey Type: CONDITION
Sounding Frequency***: HIGH

Feet
0 500 1,000 1,500

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.

US Army Corps of Engineers
District: CEMVN

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By:	RYLAND/OHSMAN
Plotted By:	BD
Checked By:	AO
Submitted:	
Recommended:	Chief, Survey Section
Approved:	Chief, Waterways Maintenance Section

OLD RIVER LOCK VICINITY
THREE RIVERS 1
OR_03_3R1_20190924_CS
24 September 2019

Sheet Reference Number
3 of 4

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