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

911,000 908,000 3,166,000 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

WATER EDGE VARIES

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

Sand Bar

BARGES

PT 4

PT 2

MI 3

MC 3

Bayou Lettsworth

Kellers Lake

Cem.

Oak Grove Ch.

137+6.3

TYPICAL SECTION
Station 70+00 to 76+00

℄ Channel

South

North

CURVE #2 DATA
Δ = 5°-13'-760"
D = 2° 53' 13.2"
R = 1984.33
T = 1078.00
L = 1974.99
LC = 1894.48

APPROX. LIMIT OF DREDGING STA. 179 + 50

STA 178+00.00 AZ. 349°-13'-59.8

STA 176+00.00 AZ. 349°-13'-59.8

STA 174+00.00 AZ. 349°-13'-59.8

STA 172+00.00 AZ. 349°-13'-59.8

STA 170+00.00 AZ. 349°-13'-59.8

STA 168+00.00 AZ. 350°-06'-0.6

STA 166+00.00 AZ. 350°-54'-29.4

STA 164+00.00 AZ. 19°-59'-59.8

STA 162+00.00 AZ. 2°-27'-30.7

STA 160+00.00 AZ. 13°-14'-1.5

STA 158+00.00 AZ. 19°-08'-2.1

STA 156+00.00 AZ. 24°-47'-2.9

STA 154+00.00 AZ. 30°-33'-33.9

STA 152+00.00 AZ. 36°-20'-4.8

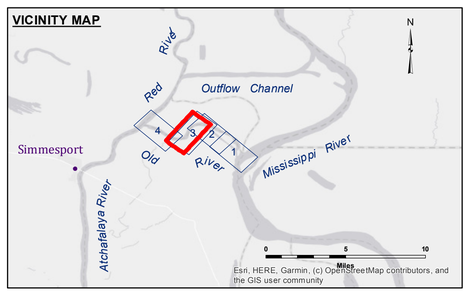
STA 150+00.00 AZ. 42°-08'-8.7

STA 148+00.00 AZ. 43°-16'-52.1

STA 146+00.00 AZ. 43°-14'-9.2

STA 144+00.00 AZ. 43°-16'-35.4

VICINITY MAP



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

Gage Reading: ORL TB: 33.60 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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The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

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Data Constraints: Hydrographic survey data is subject to change over time due to environmental factors. Prior to using any Corps of Engineers activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for any changes in the condition of the area which may have occurred since the date/age of the data published. This data is intended for U. S. Army Corps of Engineers' internal use. Project conditions should be verified before each survey.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By: RY,LANDA,DAMS	Submitted:	
Plotted By: BD	Recommended:	Chief, Survey Section
Checked By: AO	Approved:	Chief, Waterways Maintenance Section

OLD RIVER LOCK VICINITY
THREE RIVERS 1
OR_03_3R1_20200618_CS
18 June 2020

Sheet Reference Number
3 **of** 4

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4.1-20191105