914,000 3,175,000 3,178,000 3,181,000

911,000 3,172,000 908,000 905,000 3,175,000 902,000 3,178,000 905,000 3,181,000

Sheet 2

LOWER OLD RIVER

Water

MI 1

MI 0

CONCORDIA PARISH, LA.

WEST FELICIANA PARISH, LA.

Sand Bar

MISSISSIPPI RIVER

OLD RIVER L.T.

OLD RIVER TAILBAY (NGVD)

OLD RIVER FOREBAY (NGVD)

APPROX. LIMIT OF WORK

BORROW PIT

TABLE OF COORDINATES

POINT NO.	X	Y
1	3177319.136	905485.019
2	3177078.443	907480.021
3	3176613.880	908417.707
4	3175807.880	909200.672
5	3175359.699	909636.057

CURVE #1 DATA
Δ = 38°56'46.430"
D = 3° 39' 00"
R = 1569.53
T = 555.00
L = 1066.87
LC = 1046.46

TYPICAL SECTION
Station 0+00 to 18+00

TYPICAL SECTION
Station 18+00 to 48+00

TYPICAL SECTION
Station 48+00 to 54+00

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

VICINITY MAP

Red River
Outflow Channel
Simmesport
Old River
Mississippi River
Atchafalaya River
Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

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 FB: 38.50 NGVD
Sea Conditions: CALM
Vessel Name: M/V 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.

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.

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 this time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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

OLD RIVER LOCK VICINITY
OLD RIVER LOCK FOREBAY
OR_01_LFB_20180614_CS
14 June 2018

Sheet Reference Number
1 of 4

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