



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:13.80 NGVD
Sea Conditions: CALM
Vessel Name: OB-189
Survey Type: CONDITION
Sounding Frequency***: HIGH

Scale: 0 to 1,500 Feet



DISCLAIMER: The data represents the results of data collection processing for a specific US Army Corps of Engineers project. The data is provided for informational purposes only and is not intended for use in any other project. The user is responsible for the results and accuracy of the data. The application of the data for other than its intended purpose is at the user's risk. The US Army Corps of Engineers is not responsible for any errors or omissions in the data. The user should verify the data for accuracy before use.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By:	RYLAND/ADAMS
Recommended:	Plotted By:	BD
Approved:	Checked By:	AC

OLD RIVER LOCK VICINITY
THREE RIVERS 1
OR_03_3R1_20170915_CS
15 September 2017

Sheet Reference Number
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