



LEGEND

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|----------------------------------|---------------------|-------------------------|------------------|
| --- 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: 7.70 NGVD
Sea Conditions: CALM
Vessel Name: OB-189
Survey Type: CONDITION
Sounding Frequency***: HIGH

Scale: 0 500 1,000 1,500 Feet



DISCLAIMER: The data represents the results of data collection processing for a specific US Army Corps of Engineers project. The user is responsible for the accuracy, reliability, usability or suitability for any particular purpose of the data. The user is responsible for the accuracy, reliability, usability or suitability for any particular purpose of the data. The user is responsible for the accuracy, reliability, usability or suitability for any particular purpose of the data. The user is responsible for the accuracy, reliability, usability or suitability for any particular purpose of the data.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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| Submitted: | Surveyed By: RYLAND/ADAMS |
| Recommended: Chief Survey Section | Plotted By: BD |
| Approved: Chief Waterways Maintenance Section | Checked By: AC |

**OLD RIVER LOCK VICINITY
THREE RIVERS 1
OR_03_3R1_20171220_CS
20 December 2017**

**Sheet
Reference
Number
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