



**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	

Gage Reading: ORLTB: 12.5 NGVD  
 Sea Conditions: SMOOTH  
 Vessel Name: OB189  
 Survey Type: CS  
 Sounding Frequency\*\*\*: HIGH

Reference is N.O.A.A. Navigation Chart No. 11354.

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.



**DISCLAIMER**

The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally prepared, and that the data are not to be used for any purpose other than that for which they were originally prepared, and that the data are not to be used for any purpose other than that for which they were originally prepared.

The information depicted on this map represents the results of a survey conducted on or about the date of the survey. The Corps of Engineers does not warrant the accuracy of the information depicted on this map, and the Corps of Engineers does not accept any responsibility for changes in the hydrographic conditions when developed after the date of the survey. The Corps of Engineers does not accept any responsibility for changes in the hydrographic conditions when developed after the date of the survey.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: DS/JA
Recommended: Chief, Survey Section	Plotted By: AO
Approved: Chief, Waterways Maintenance Section	Checked By: AO

**OLD RIVER LOCK VICINITY  
THREE RIVERS 1  
OR\_03\_3R1\_20180724\_CS  
24 July 2018**

**Sheet Reference Number  
3 of 4**

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