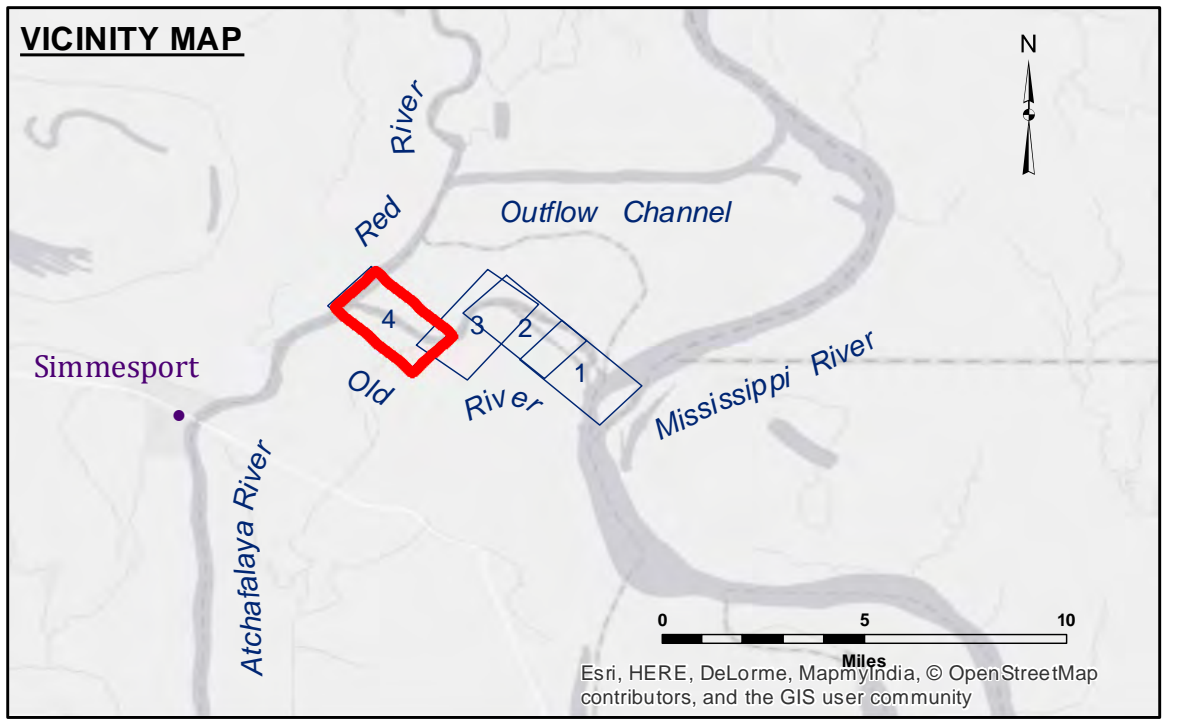


**DISCLAIMER**  
 Distribution Liability: The data represents the results of data collection processing for a specific US Army Corps of Engineers project. It is not to be used for any other purpose than the intended purpose. The user is responsible for the results of any use of this data for any other purpose than the intended purpose. The user is responsible for the results of any use of this data for any other purpose than the intended purpose. The user is responsible for the results of any use of this data for any other purpose than the intended purpose.

Submitted:	DR, BR
Recommended:	AO
Approved:	AN

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT

**OLD RIVER LOCK VICINITY**  
**THREE RIVERS 2**  
**OR\_04\_3R2\_20150825**  
**25 August 2015**



**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:** ORL TB: 13.2 NGVD  
**Sea Conditions:** CALM  
**Vessel Name:** M/V OB 189  
**Survey Type:** CONDITION  
**Sounding Frequency\*\*\*:** LOW

**Vertical Datum:**  
 Soundings are shown in feet and indicate depths below National Geodetic Vertical Datum of 1929 (NGVD29).

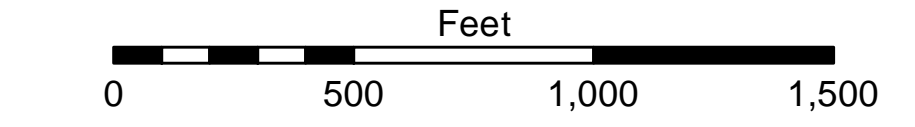
The location of navigation aids are based on and provided by the U.S. Coast Guard. Positions of navigation aids shown may also have been surveyed in the field by USACE.

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.



**Sheet Reference Number**  
**4 of 4**