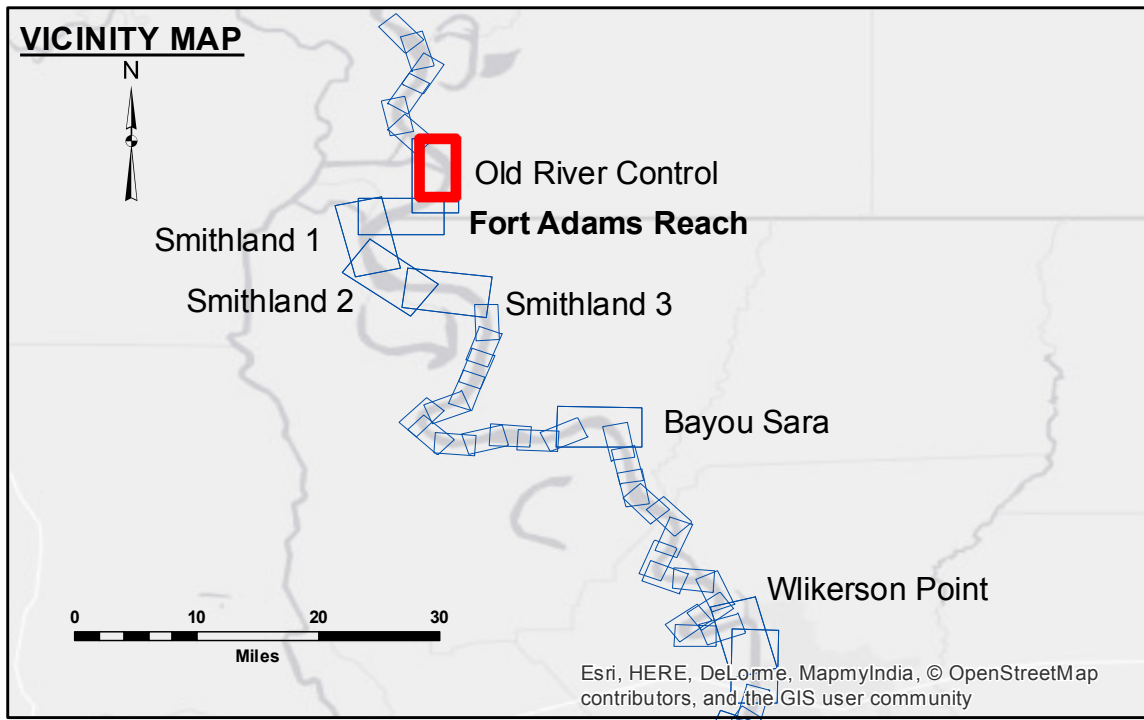


**DISCLAIMER**  
 The data represented on this map represents the results of a data collection project for a specific US Army Corps of Engineers project. The data is not intended for use in any other project or for any purpose other than the specific project for which it was collected. The user is responsible for the results of any use of this data. The US Army Corps of Engineers does not warrant the accuracy, reliability, or availability of the data for any other purpose. The user is responsible for the results of any use of this data. The US Army Corps of Engineers does not warrant the accuracy, reliability, or availability of the data for any other purpose. The user is responsible for the results of any use of this data.

Submitted:	Surveyed By:
Recommended:	DR, SP
Approved:	Printed By:
Checked By:	BTID
	Checked By:
	AC

MISSISSIPPI RIVER - SHALLOW DRAFT  
 OLD RIVER CONTROL  
 MS\_07\_OLD\_20160728  
 28 July 2016



**LEGEND**

--- Federal Navigation Channel	● Cable Area	■ Shoaling Area	■ 0' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ 0' to -5'
— As-built Pipeline/Cable	□ Anchorage Area	☆ Beacon, General	■ -5' to -9'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -9' and below
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	

LWRP: 15.3  
 Gage Reading: KL:33.75 RR:30.45 USED:33.30 NGVD  
 Sea Conditions: CALM  
 Vessel Name: OB-189  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: HIGH

Vertical Datum: Soundings are shown in feet and indicate depths below Low Water Reference Plane 2007 (NGVD). Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.

The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE crew. 2010 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office. Reference is USACE IENC U35LM236. \*\*\* Shoalest Sounding per Quarter per Reach.

**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 Low Water Reference Plane 2007 (NGVD). Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.  
 The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE crew. 2010 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office. Reference is USACE IENC U35LM236.  
 \*\*\* 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.

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 Revision Number: 3.8-20150202