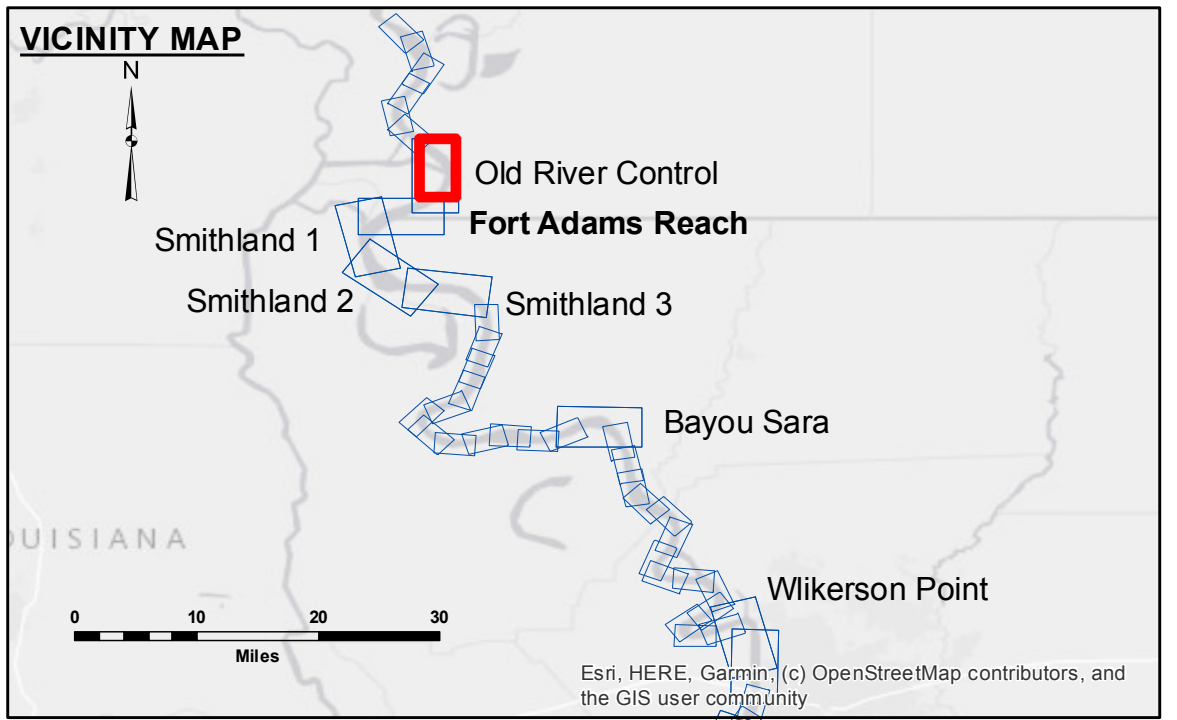


DISCLAIMER: The data represented on this map represents the results of a data collection process for a specific US Army Corps of Engineers project. The data is only valid for its intended use, and its use for any other purpose is at the user's discretion. The user is responsible for the results of any use of this data. The US Army Corps of Engineers does not warrant the accuracy, reliability, or availability of the data for any purpose other than that 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 purpose other than that for which it was collected. The user is responsible for the results of any use of this data.

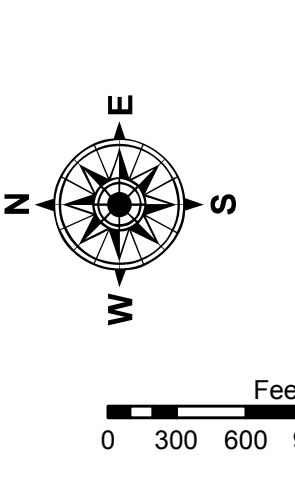
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted: RYLAND/HOSHMAN	Surveyed By: RYLAND/HOSHMAN
Recommended: Chart Survey Section	Plotted By: AO
Approved: Chart Waterways Maintenance Section	Checked By: AO

MISSISSIPPI RIVER - SHALLOW DRAFT
OLD RIVER CONTROL
MS_07_OLDX_20200401_CS
01 April 2020



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: 14.7
Gage Reading: KL:60.1RR:56.9 USED:59.6 NAVD
Sea Conditions: CALM
Vessel Name: M/V OB189
Survey Type: CONDITION
Sounding Frequency***: HIGH

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 (NAVD).
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.
2015 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.
Reference is USACE IENC U35LM236.
** 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.

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