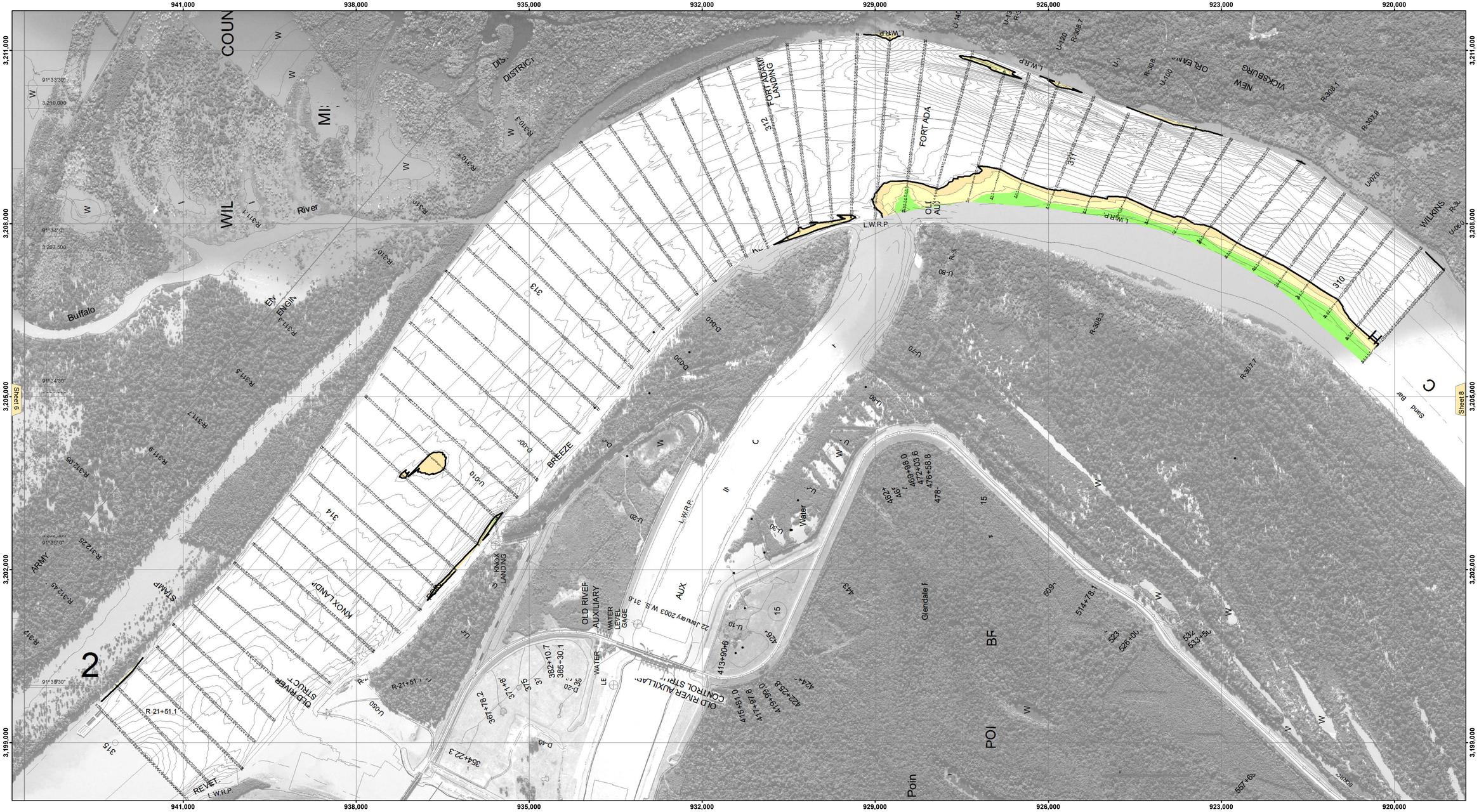

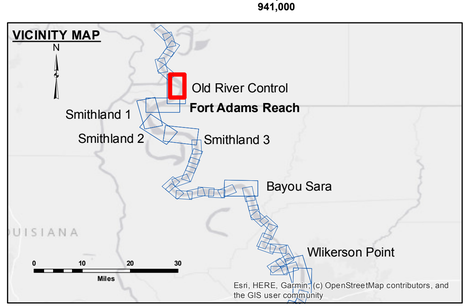

LEGEND

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

LWRP:	14.7
Gage Reading:	KL:35.7 RR:33.6 USED:35.40 NAVD
Sea Conditions:	CALM
Vessel Name:	OB-189
Survey Type:	CONDITION
Sounding Frequency***:	HIGH

Feet
0 300 600 900 1,200 1,500

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.

US Army Corps of Engineers
District: CEMVN

DISCLAIMER:

Access Constraints: The United States Government furnishes these data and information as is and makes no warranties, express or implied, concerning the accuracy, completeness, reliability, or suitability of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. Neither does it convey any rights to the recipient. The recipient fully agrees not to represent these data to anyone as other than the best available data of the United States and to indemnify the United States from any claim arising from the use of these data by others without also transferring this Disclaimer.

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

Distribution Liability: The data represents the results of data collected by the U.S. Army Corps of Engineers for navigation activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy of the data. The Corps of Engineers accepts no responsibility for any of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to natural shoaling and scouring processes and navigation activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the data that occur after the survey has been completed for publication. This data is intended for U. S. Army Corps of Engineers internal use. Project managers should verify safety prior to

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: RYLAND/HOSHMAN	
	Plotted By: BD	
Recommended: Chief, Survey Section		
Approved: Chief, Waterways Maintenance Section	Checked By: AO	

MISSISSIPPI RIVER - SHALLOW DRAFT
OLD RIVER CONTROL
MS_07_OLDX_20200722_CS
22 July 2020

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