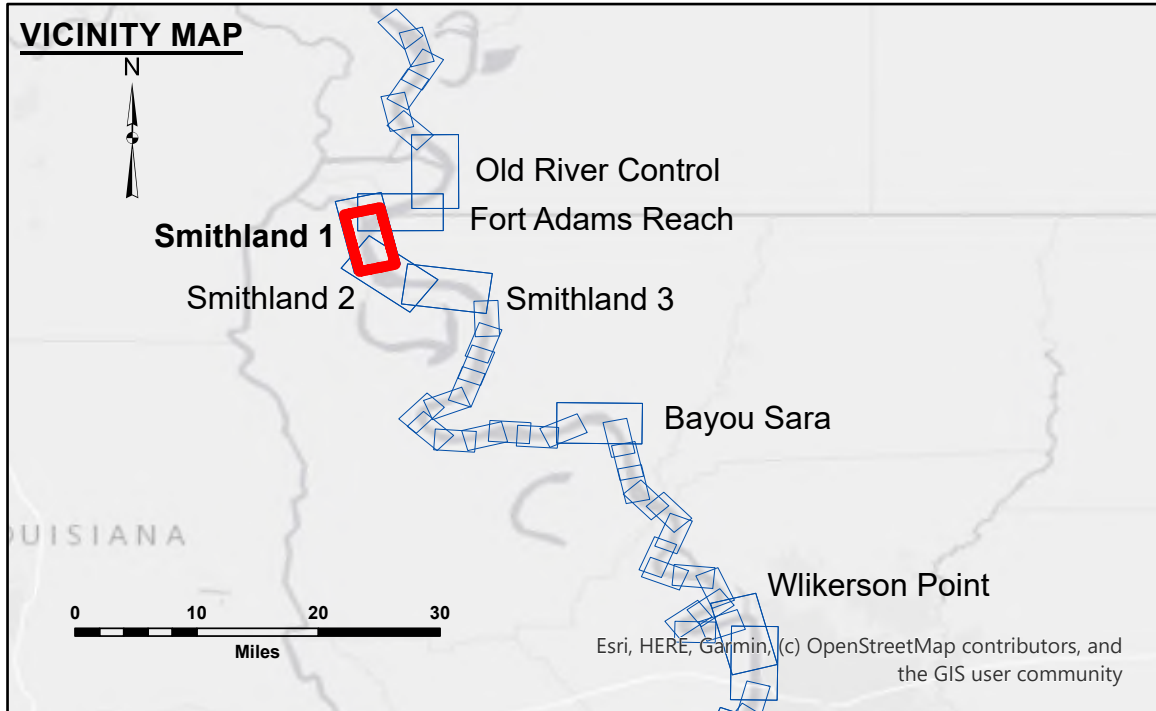
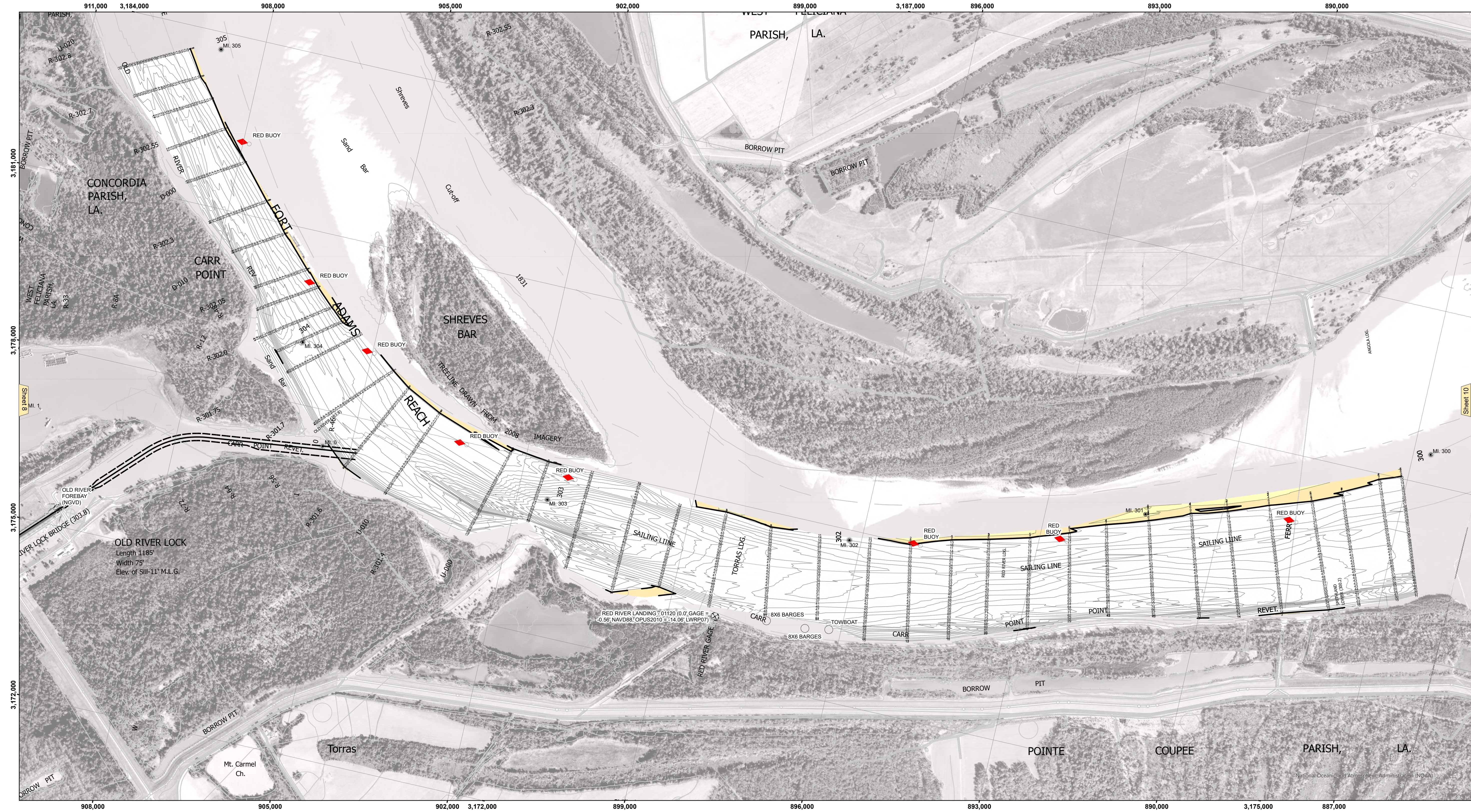




LEGEND

--- 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: 13.5

Gage Reading: KL:20.0 R:17.3 VRN: 17.36 NAVD

Sea Conditions: CALM

Vessel Name: OB-189

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.

2021 Aerial Photography data source: NAIP

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.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted	Surveyed By: SP/JS	Plotted By: BD	Checked By: AO/JH
Recommended	Chief Survey Section		Chief Waterways Maintenance Section
Approved			

MISSISSIPPI RIVER - SHALLOW DRAFT

SMITHLAND - SHEET 1

MS_09_SM1X_20250923_CS

23 September 2025

Sheet
Reference
Number

9 of 39

Revision Number:
5.25.04.03-5.25.04.03

US Army Corps
of Engineers
District: CEMVN

DISCLAIMER

The data presented in this map is the result of a survey conducted for a specific US Army Corps of Engineers project. The data is not intended for use in any other application. The user is responsible for the results of any application of the data for other than its intended purpose.

Data Comments: Hydrographic survey data is subject to change due to natural and man-made factors. The data is not intended for use in any application other than the one for which it was collected. The data is not intended for use in any application other than the one for which it was collected.

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