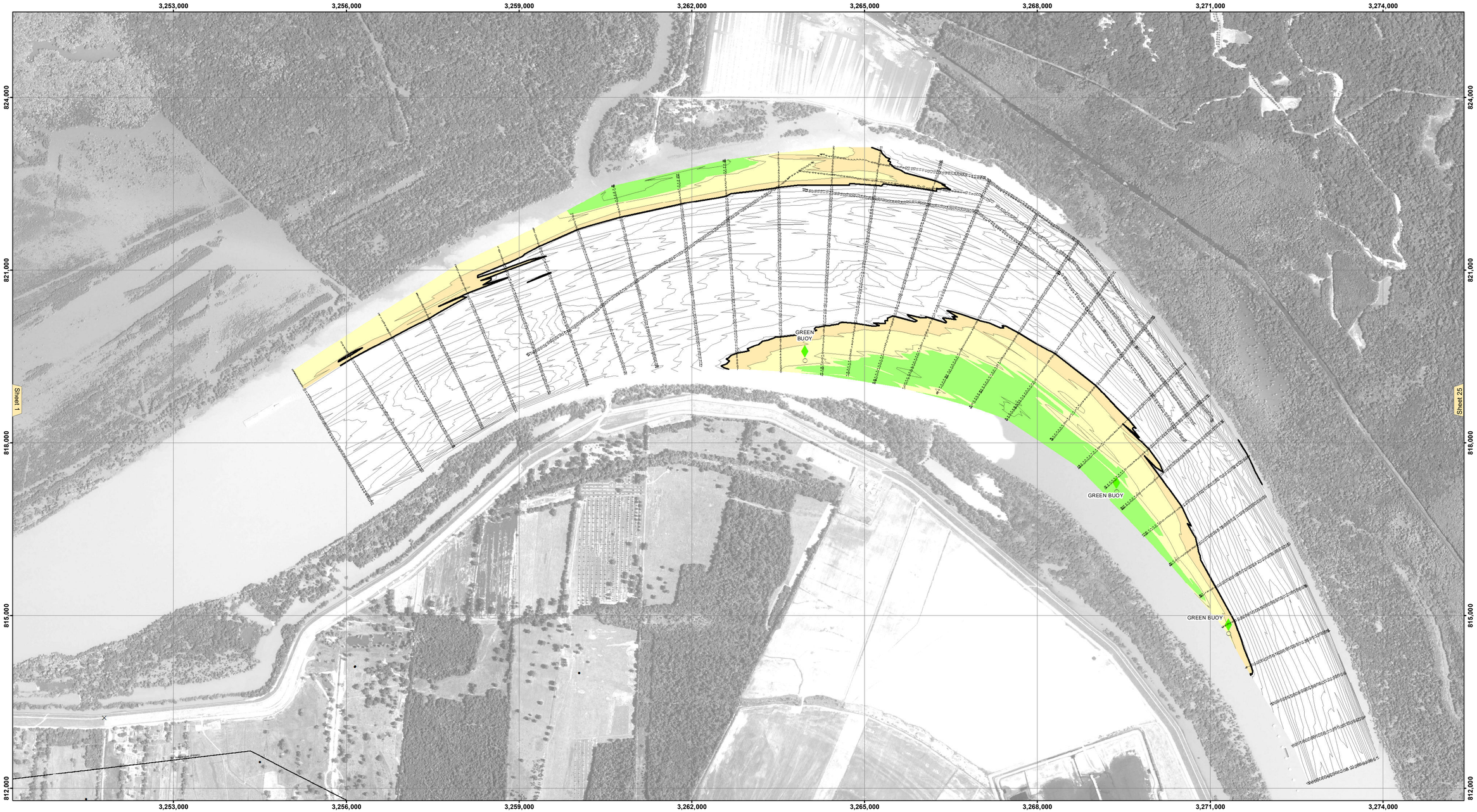

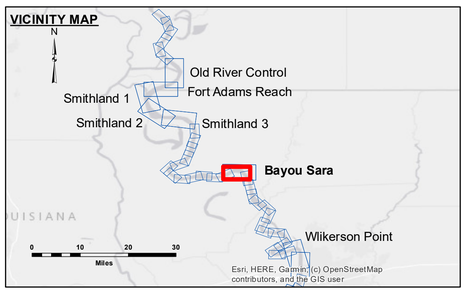

LEGEND

- 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

N W E S

Feet
0 300 600 900 1,200 1,500

LWRP:	6.5
Gage Reading:	RR:54.5BR:37.3 USED:45.7 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.

US Army Corps of Engineers
District: CEMVN

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:

Surveyed By: RYLAND/ADAMS
Plotted By: AO
Checked By: AO

Recommended:
Chief, Survey Section

Approved:
Chief, Waterways Maintenance Section

MISSISSIPPI RIVER - SHALLOW DRAFT
BAYOU SARA
MS_24_BYSX_20210409_CS
09 April 2021

Sheet Reference Number
24 **of** 39

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