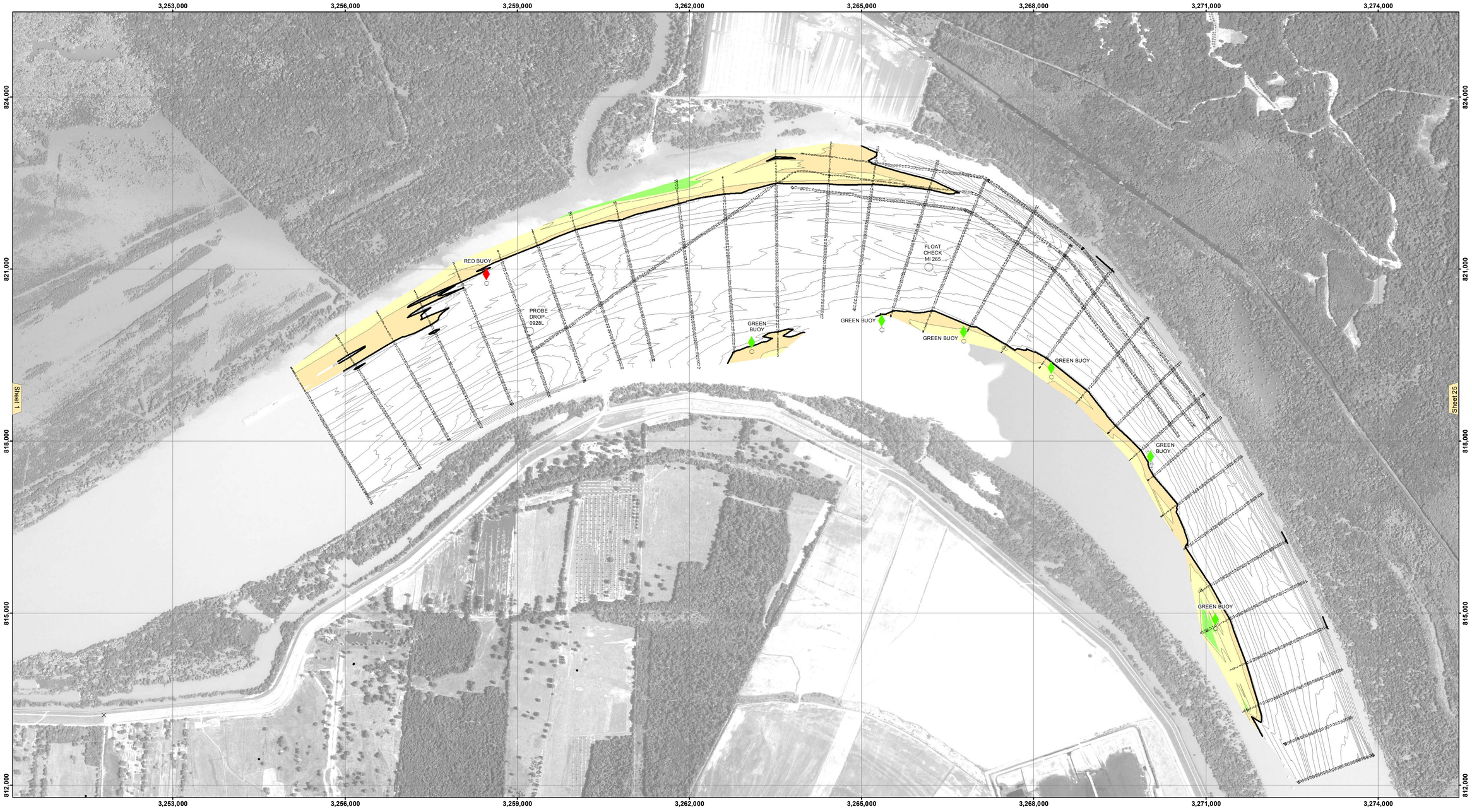

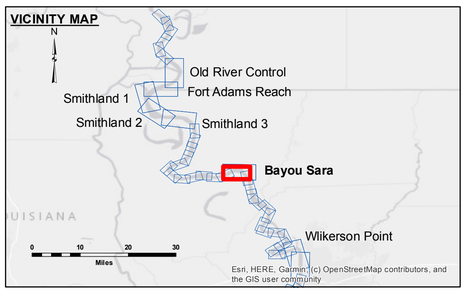

LEGEND

- 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:30.7 BR:16.3 USED:23.4 NAVD
Sea Conditions:	CALM
Vessel Name:	OB-189
Survey Type:	CS
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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Access Constraints: The United States Government furnishes these data and has no responsibility for any use made thereof. The US Government makes no warranties, express or implied, concerning the accuracy, completeness, reliability, or suitability of the information, of any portion 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. The United States does not warrant that the information will be free of errors and the recipient fully agrees not to represent these data to anyone as other than government data. The recipient agrees to indemnify the United States and hold it harmless from any claims 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.

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Data Constraints: Hydrographic survey data is subject to change due to natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the hydrographic survey data after the date of the survey publication. This data is intended for U. S. Army Corps of Engineers internal use. Project managers should contact survey section.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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

MISSISSIPPI RIVER - SHALLOW DRAFT
BAYOU SARA
MS_24_BYSX_20201207_CS
07 December 2020

Sheet Reference Number
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Revison Number:
4.1-20191105