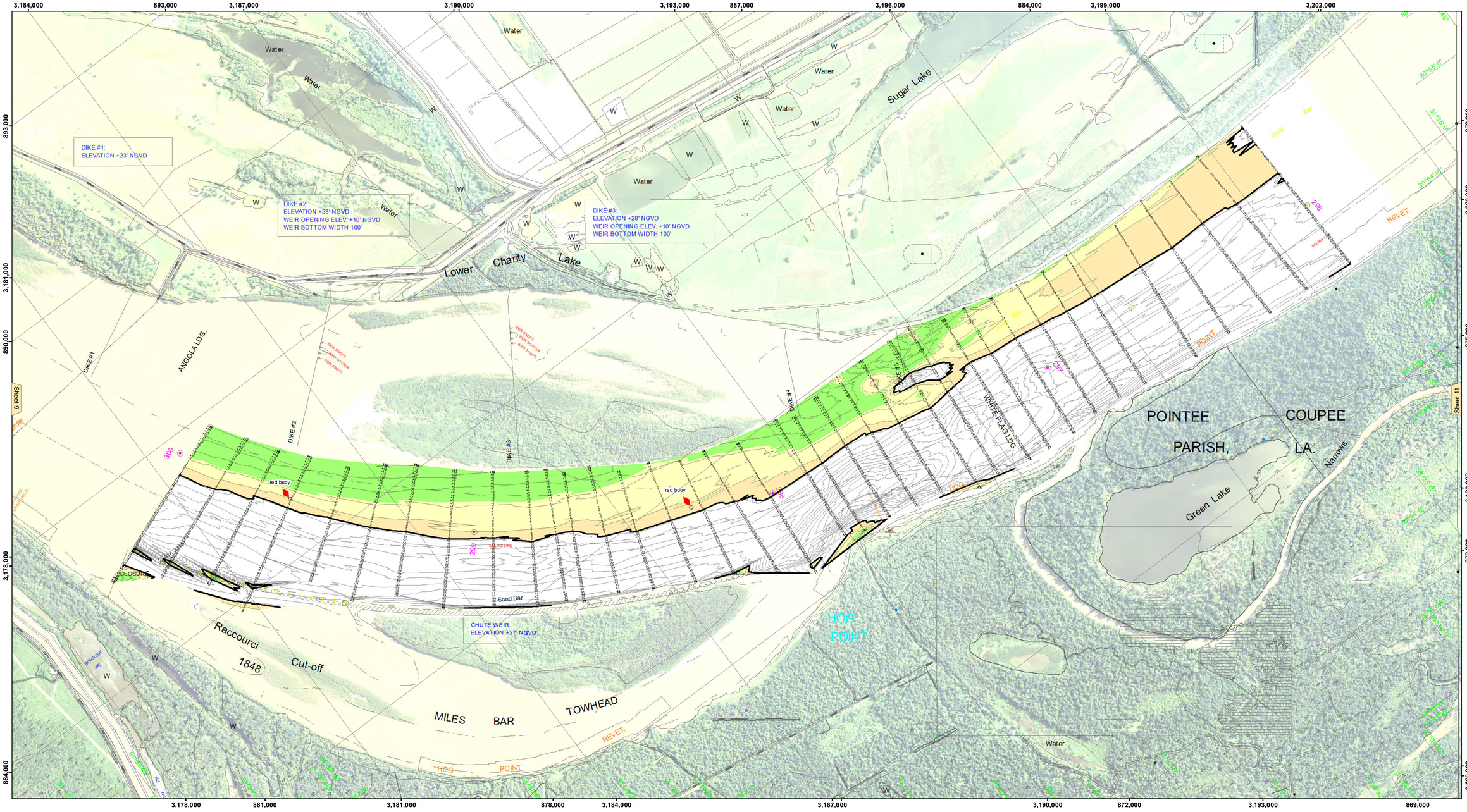


US Army Corps of Engineers
District: CEMVN

Distribution Liability: The data represents the results of data collection and analysis performed by the Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy and is not to be used for navigation or for any other purpose 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. The U. S. Army Corps of Engineers accepts no responsibility for changes in the depths or locations of submerged features after the date/time in publication. This data is intended for U. S. Army Corps of Engineers' internal use. Private or commercial use of this data is strictly prohibited.

DISCLAIMER:
Access Constraints: The United States Government furnishes these data and information on an "as is" basis. The user assumes all risks for any and all losses and damages from the use of these data and information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made under this agreement or for any other purpose whatsoever. Further, the recipient fully agrees not to represent these data to anyone as other than data furnished by the United States Government and to indemnify the United States from all 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.

U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

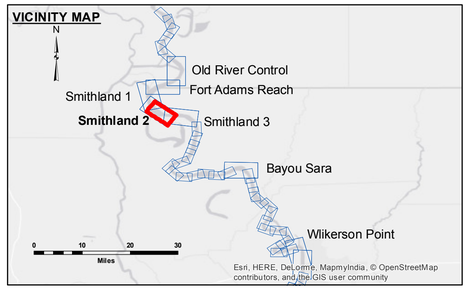
Surveyed By: DR, SP			
Plotted By: AO			
Checked By: MK			
Submitted:			
Recommended: Chief, Survey Section			
Approved: Chief, Waterways Maintenance Section			

MISSISSIPPI RIVER - SHALLOW DRAFT
SMITHLAND - SHEET 2
MS_10_SM2_20160622
22 June 2016

Sheet Reference Number
10 **of** 39

Revison Number:
3.8.0-20150202

VICINITY MAP



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:	13.1
Gage Reading:	RR:37.4 BR:21.9 USED:36.8 NGVD
Sea Conditions:	CALM
Vessel Name:	M/V OB189
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 (NGVD).

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.

2010 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.