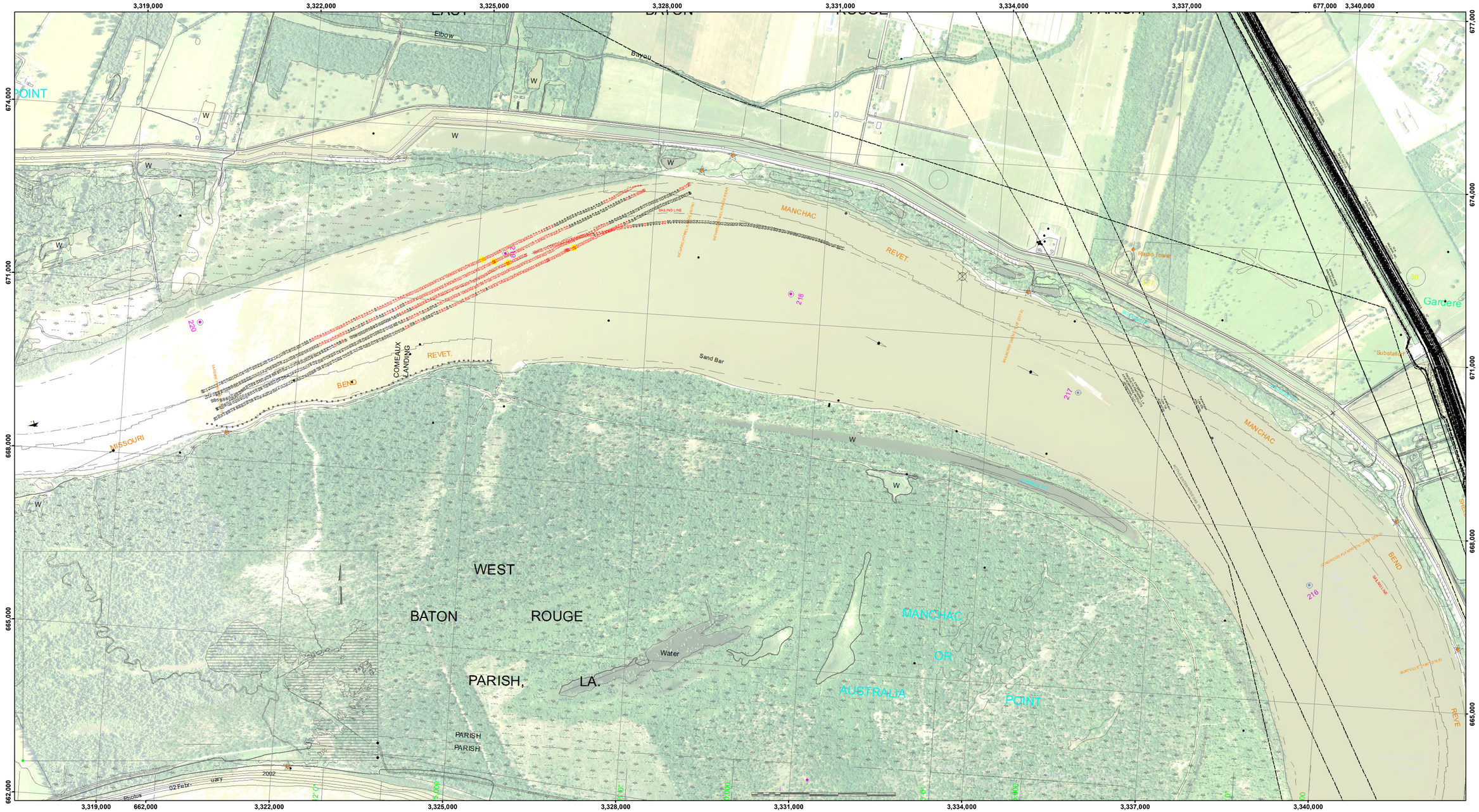

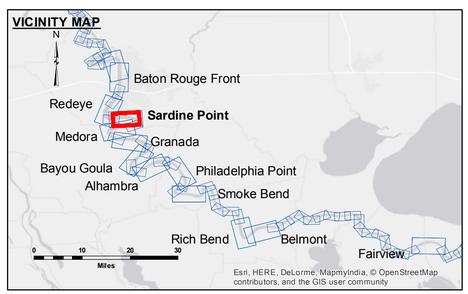

LEGEND

- 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
- Borrow Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy
- 0' and above
- 0' to -5'
- -5' to -10'
- -10' to -20'
- -20' to -30'
- -30' to -35'
- -35' to -40'
- -40' to 45'
- -45' and below

N W E S

Feet
0 500 1,000 1,500 2,000 2,500

LWRP:	2.4
Gage Reading:	BR:29.7D:20.4USED:28.1 NGVD
Sea Conditions:	CALM
Vessel Name:	OB-167
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 (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 N.O.A.A. Navigation Chart No. 11370.

** 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 this data and information on an "as is" basis and makes no warranties, express or implied, concerning the accuracy, completeness, reliability, usefulness, or suitability of the data and information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any loss, injury, or damage sustained by any person or property by reason of the recipient fully agrees not to represent these data to anyone as other than the data contained herein. The recipient shall indemnify and hold harmless the United States Government from any claim arising out of 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 as representing the general condition existing at that time.

Distribution Liability: The data represents the results of data collected by the U.S. Corps of Engineers for a specific purpose and activity and indicates the general existing conditions. As such, it is only valid for its intended use, context, time and accuracy as determined by the U.S. Corps of Engineers. It is not valid 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. Depths may change in the U.S. Corps of Engineers accepts no responsibility for changes in depths after the date of the survey indicated on the data publication. This data is intended for U. S. Army Corps of Engineers' internal use. Product improvement should be directed to the U.S. Army Corps of Engineers.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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

MISSISSIPPI RIVER - B.R. TO GULF
SARDINE POINT RECON
MR_06_SDP_20160428
28 April 2016

Sheet Reference Number
6 **of** 97

Revison Number:
3.8.0-20150202