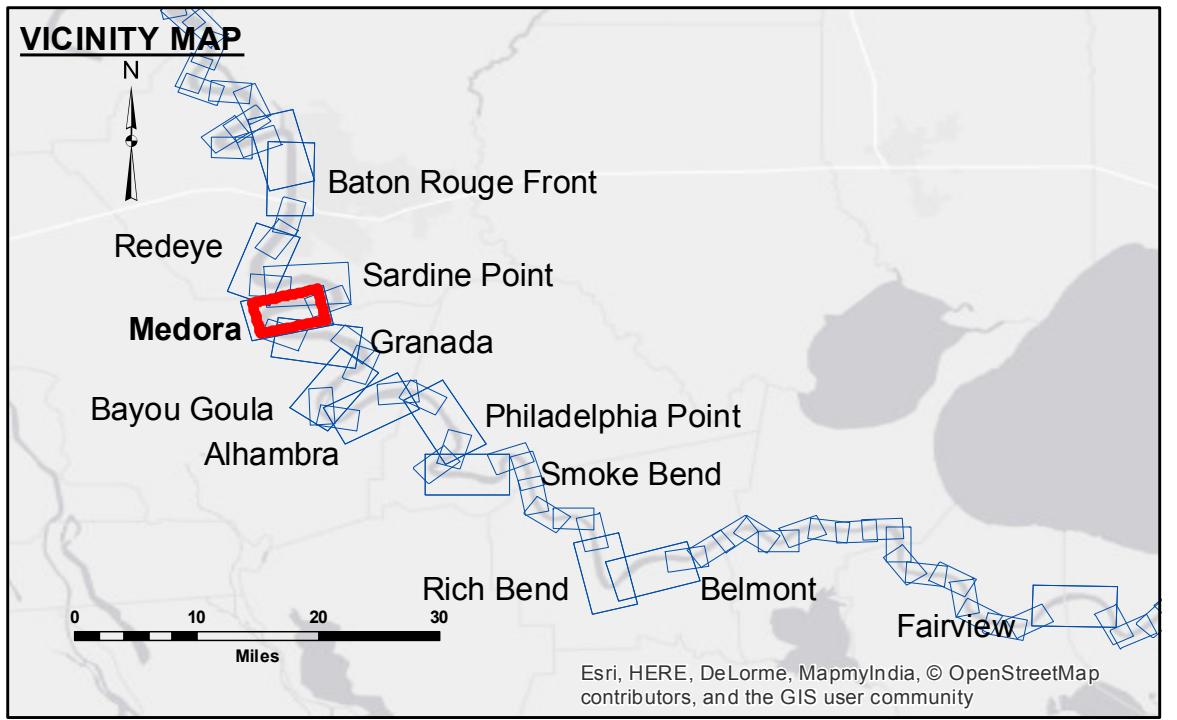


DIKE NO.	DIKE ELEVATION
1	-10 NGVD OR -12 LWRP
2	-4 NGVD OR -6 LWRP
3	-2 NGVD OR -0.1 LWRP



LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ 0' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ 0' to -5'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -5' to -10'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -10' to -20'
— Project Depth Contour	✈ Wrecks-Submerged	◆ Green Navigation Buoy	■ -20' to -30'
			■ -30' to -35'
			■ -35' to -40'
			■ -40' to 45'
			■ -45' and below

LWRP: 2.1
Gage Reading: BR:33.75 D:23.85 USED:30.70 NGVD
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 (NGVD).

Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.

The location of navigation aids are based 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 bathymeter settings.



DISCLAIMER:

The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally prepared. The user is responsible for the results of any use of the data for other than its intended purpose. The application of the data for other than its intended purpose is at the user's risk. The Corps of Engineers assumes no responsibility for changes in the hydrographical conditions which develop after the date of the survey. The information depicted on this map represents the results of a survey conducted on or about the date shown. The Corps of Engineers does not warrant the accuracy of the information depicted on this map. The Corps of Engineers is not responsible for any errors or omissions in this map. The Corps of Engineers is not responsible for any damage or injury resulting from the use of this map. The Corps of Engineers is not responsible for any loss of life or property resulting from the use of this map. The Corps of Engineers is not responsible for any other consequences of the use of this map.

Submitted:	Checked By:
Recommended:	Checked By:
Approved:	Checked By:

Surveyed By: DR,JA
 Plotted By: BTJ
 Checked By: MSK

MISSISSIPPI RIVER - B.R. TO GULF
MEDORA RECON
MR_08_MED_20160405
05 April 2016

Sheet Reference Number
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