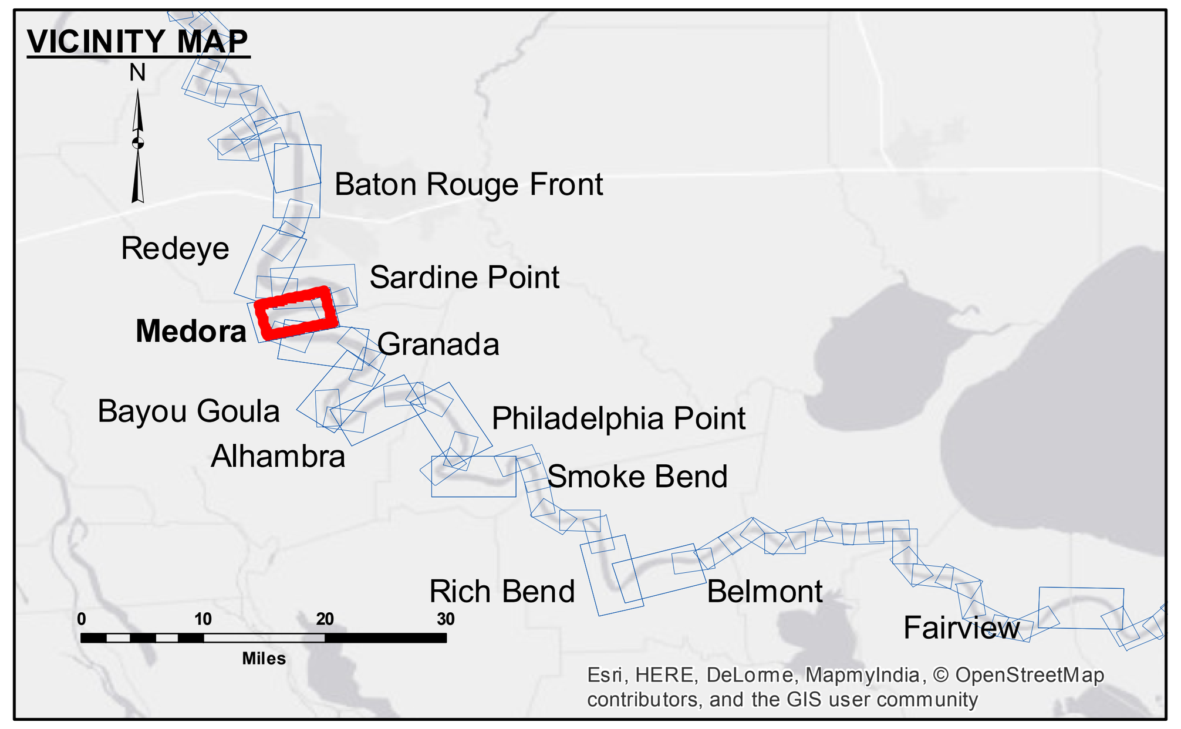

LEGEND

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

LWRP:	2.1
Gage Reading:	BR:18.8D:11.3 USED:16.5 NGVD
Sea Conditions:	CALM
Vessel Name:	LAFOURCHE
Survey Type:	RECON
Sounding Frequency***:	HIGH

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

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 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 consoldiated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.

US Army Corps of Engineers
District: CEMVN

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By: DS/PS
Plotted By: AO
Checked By: AO

Submitted:
Recommended: Chief, Survey Section
Approved: Chief, Waterways Maintenance Section

MISSISSIPPI RIVER - B.R. TO GULF
MEDORA RECON
MR_08_MED_20170117
17 January 2017

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