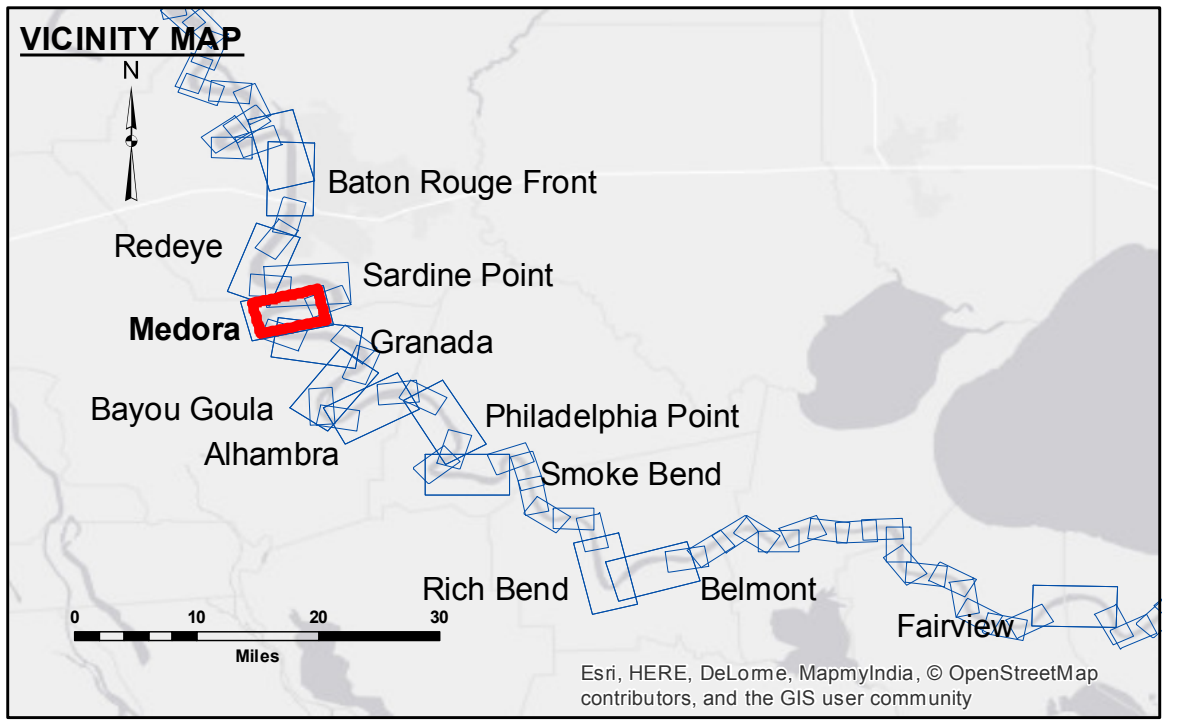


**DISCLAIMER**  
 The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The user is responsible for the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information. The user is responsible for the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information. The user is responsible for the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information. The user is responsible for the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: PWS/PS	Plotted By: BITD
Recommended: Chief, Survey Section	Checked By: MSK	Checked By: MSK
Approved:	Chief, Waterways Maintenance Section	

**MISSISSIPPI RIVER - B.R. TO GULF**  
**MEDORA RECON**  
**MR\_08\_MED\_20160621**  
**21 June 2016**



LEGEND		DIKE NO. DIKE ELEVATION	
--- Federal Navigation Channel	○ Cable Area	1	-10' NGVD OR -12' LWRP
— Federal Navigation Center Line	□ Placement Area	2	-4' NGVD OR -6' LWRP
— As-built Pipeline/Cable	□ Anchorage Area	3	-2' NGVD OR -0.1' LWRP
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point		
— Project Depth Contour	★ Wrecks-Submerged		
	□ Borrow Area		
	● Shoalest Sounding**		
	★ Beacon, General		
	◆ Red Navigation Buoy		
	◆ Green Navigation Buoy		

**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. 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.

LWRP: 2.1  
 Gage Reading: BR:22.38 D:14.13 USED:19.8 NGVD  
 Sea Conditions: CALM  
 Vessel Name: M/V LAFOURCHE  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: HIGH

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

**Sheet Reference Number**  
**8 of 97**

Revision Number:  
 3.8-0-20150202