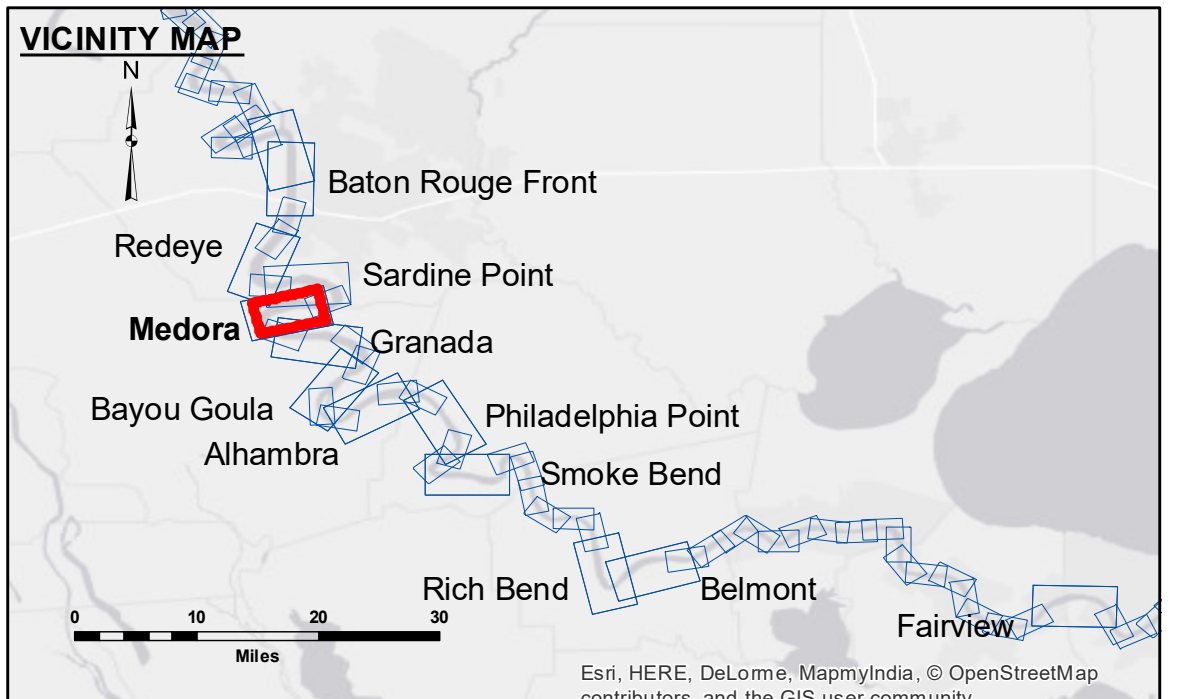


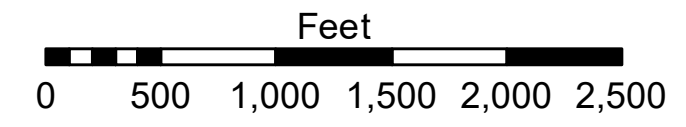
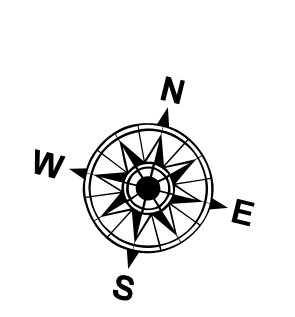
DISCLAIMER: The data represented on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The data is not intended to be used for any purpose other than that for which it was collected. The user is responsible for the accuracy, completeness, and reliability of the data for any purpose other than that for which it was collected. The user is responsible for the accuracy, completeness, and reliability of the data for any purpose other than that for which it was collected. The user is responsible for the accuracy, completeness, and reliability of the data for any purpose other than that for which it was collected.

Submitted:	Surveyed By:	Plotted By:	Checked By:
Recommended:	SPS:JH	BD	AC
Approved:	Chief, Survey Section	Chief, Survey Section	Chief, Waterways Maintenance Section

MISSISSIPPI RIVER - B.R. TO GULF
MEDORA RECON
MR_08_MED_20171205_CS
05 December 2017



LEGEND		DIKE ELEVATION	
--- Federal Navigation Channel	○ Cable Area	1 -10 NGVD	0' and above
— Federal Navigation Center Line	□ Placement Area	OR -12 LWRP	0' to -5'
— As-built Pipeline/Cable	□ Anchorage Area	2 -4 NGVD	-5' to -10'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	OR -4.1 LWRP	-10' to -20'
— Project Depth Contour	★ Wrecks-Submerged	3 -2 NGVD	-20' to -30'
	★ Beacon, General	OR -0.1 LWRP	-30' to -35'
	◆ Red Navigation Buoy		-35' to -40'
	◆ Green Navigation Buoy		-40' to -45'
			-45' and below



LWRP: 2.1
 Gage Reading: BR:12.63 D:7.29 USED: 11.0 NGVD
 Sea Conditions: CALM
 Vessel Name: M/V LAFOURCHE
 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. 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.

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