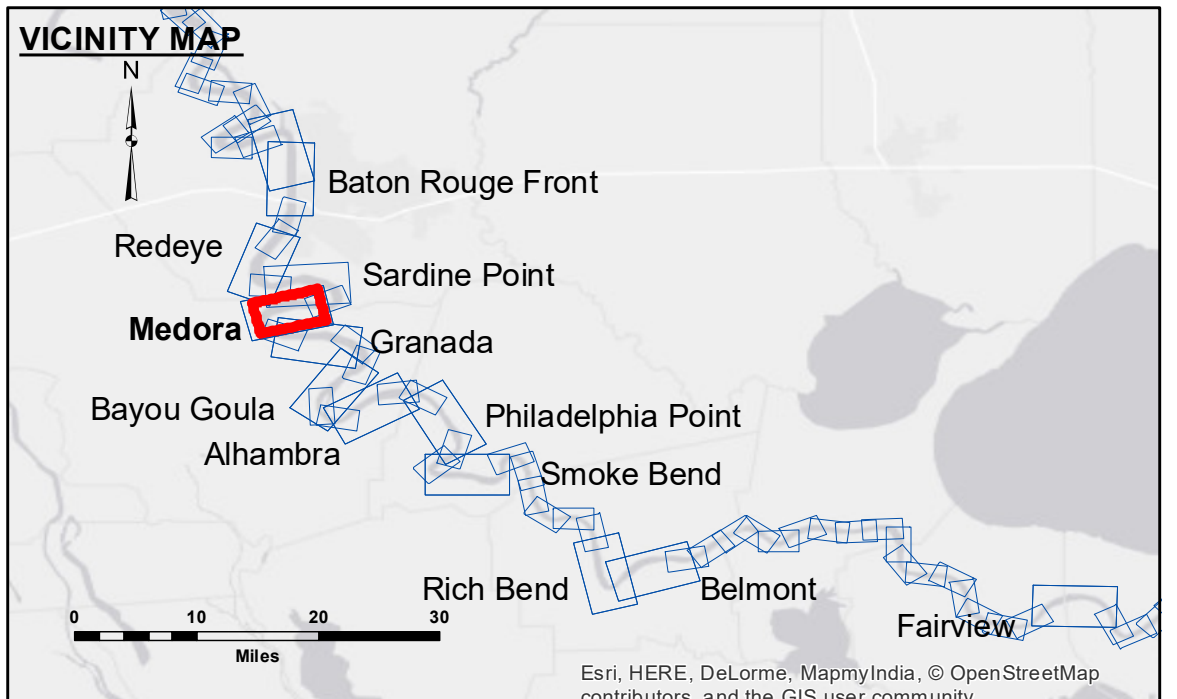


DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data. The recipient may not transfer these data to others without the prior written consent of the U.S. Army Corps of Engineers. The recipient may not transfer these data to others without the prior written consent of the U.S. Army Corps of Engineers. The recipient may not transfer these data to others without the prior written consent of the U.S. Army Corps of Engineers. The recipient may not transfer these data to others without the prior written consent of the U.S. Army Corps of Engineers.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted By:	SPPS	Checked By:	AC
Recommended By:	Chief, Survey Section	Plotted By:	BD
Approved By:	Chief, Waterways Maintenance Section	Checked By:	AC

**MISSISSIPPI RIVER - B. R. TO GULF
MEDORA RECON
MR_08_MED_20170822_CS
22 August 2017**



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

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.

LWRP: 2.1
Gage Reading: BR:16.7 D:9.6 USED: 14.5 NGVD
Sea Conditions: CALM
Vessel Name: M/V LAFOURCHE
Survey Type: CONDITION
Sounding Frequency***: HIGH

**Sheet Reference Number
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