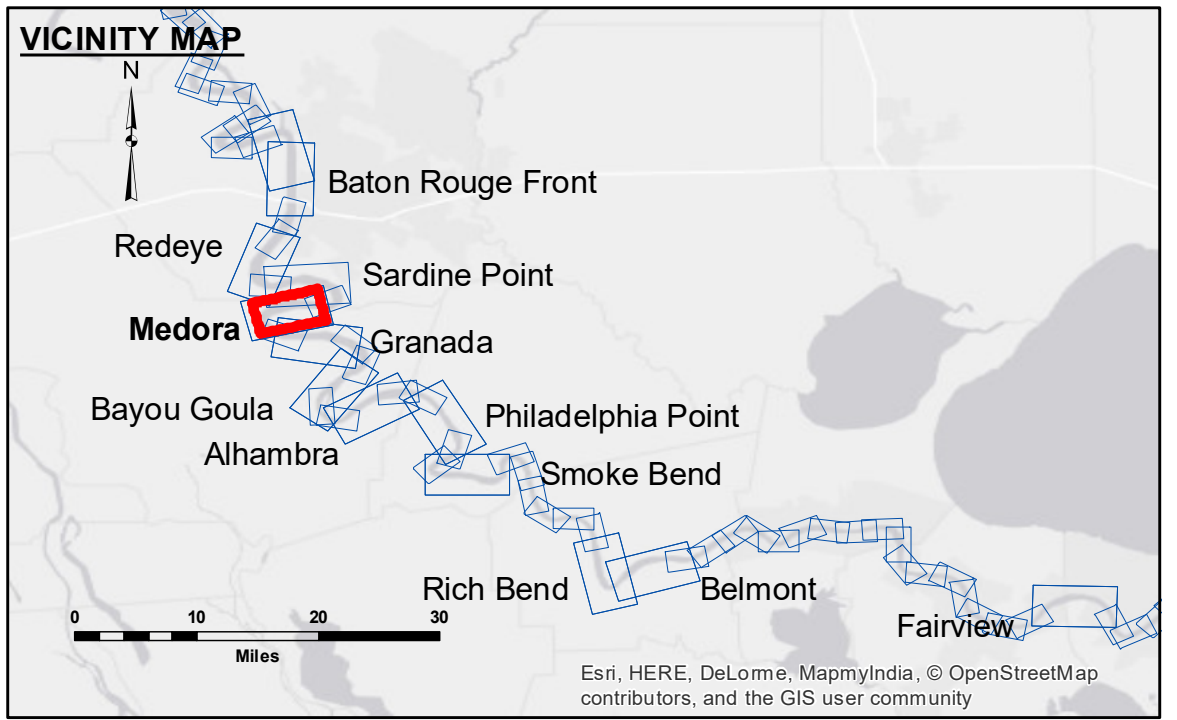


DISCLAIMER: The data represented on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The data is not intended to be used for any purpose other than that for which it was collected. The user is responsible for the accuracy, completeness, reliability, usability,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

DIKE NO.	DIKE ELEVATION
1	-10 NGVD OR -12 LWRP
2	-4 NGVD OR -4.1 LWRP
3	-2 NGVD OR -0.1 LWRP



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	★ Beacon, General
● Shoalest Sounding**	◆ 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 fathometer settings.

LWRP: 2.1
Gage Reading: BR:19.4 D:12.0 USED:17.10 NGVD
Sea Conditions: CALM
Vessel Name: OB-189
Survey Type: CONDITION
Sounding Frequency***: HIGH

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

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted: _____	Surveyed By: RYLAND ADAMS
Recommended: _____	Plotted By: BD
Approved: _____	Checked By: AC

**MISSISSIPPI RIVER - B.R. TO GULF
MEDORA RECON
MR_08_MED_20180214_CS
14 February 2018**

**Sheet
Reference
Number
8 of 97**

Revision Number:
3.12-20160811