

US Army Corps  
of Engineers  
District: CEMVN

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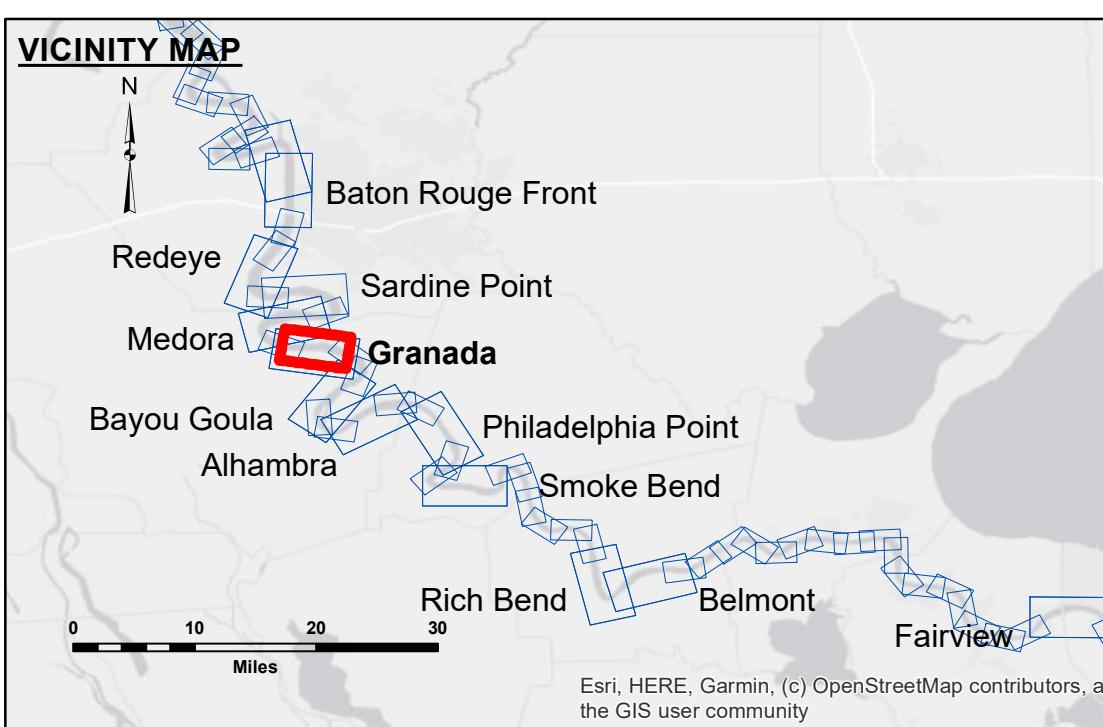
Data Constraints: Hydrographic survey data subject to change rapidly due to several factors including but not limited to dredging, navigation channel changes, and coastal processes. The U.S. Army Corps of Engineers does not guarantee the hydrographic conditions which develop after the date of publication. This data is intended for U.S. Army Corps of Engineers internal use. Private materials should not be used.

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The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS	
NEW ORLEANS DISTRICT	
Surveyed By:	ADAMS/CHAMPINE
Plotted By:	BD
Checked By:	AJH
Submitted:	
Recommended:	Chief Survey Section
Approved:	Chief Waterways Maintenance Section

MISSISSIPPI RIVER - B.R. TO GULF  
GRANADA CROSSING  
MD\_10\_GRA\_20240417\_CS  
17 April 2024



#### 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
- ★ Beacon, General
- ◆ Red Navigation Buoy
- ◆ Green Navigation Buoy
- Wrecks-Submerged

- |                |
|----------------|
| 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 |

LWRP:  
Gage Reading:  
Sea Conditions:  
Vessel Name:  
Survey Type:  
Sounding Frequency\*\*\*:  
  
N  
E  
S  
W  
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 (NAVD). 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.  
2015 Aerial Photography data source: NAIP, USDA-FSA-AFPO Aerial Photography Field Office.

Reference is N.O.A.A. Navigation Chart No. 11370.

\*\* Shoal 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.

Sheet  
Reference  
Number

10 of 97

Revision Number:  
4.2-200420