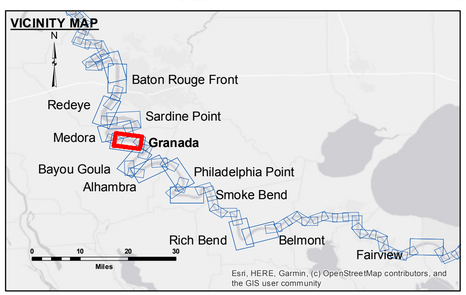
US Army Corps of Engineers
District: CEMVN



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

N W E S

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

LWRP:	1.9
Gage Reading:	BR:41.5 D:30.1 USED:36.3 NAVD
Sea Conditions:	CALM
Vessel Name:	M/V LAFOURCHE
Survey Type:	BD
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 (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-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 fathometer settings.

DISCLAIMER
Access Constraints: The United States Government furnishes these data and information as a courtesy to its customers and does not accept any responsibility for the express or implied concerning the accuracy, completeness, reliability, or suitability of the data and information or the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. The recipient fully agrees not to represent these data to anyone as other than government data or information and to indemnify the United States against any claim arising out of the use of these data by others without also transferring this Disclaimer.

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.

Distribution Liability: The data represents the results of data collected by the U.S. Army Corps of Engineers for navigation activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy of the data. The U.S. Government shall not be liable for any of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to natural shoaling and scouring processes and navigation activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the navigation channel that occurred after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Product improvement should be reported to the District.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	
Recommended:	Chief, Survey Section
Approved:	Chief, Waterways Maintenance Section

Surveyed By:	DJ/SISPS
Plotted By:	BD
Checked By:	AO

MISSISSIPPI RIVER - B.R. TO GULF
GRANADA CROSSING
MD_10_GRA_20200407_BD
07 April 2020

Sheet Reference Number
10 of 97

Revison Number:
4.0-201907022