US Army Corps of Engineers
District: CEMVN

DISCLAIMER

Access Constraints: The United States Government furnishes these data and information as a courtesy to its customers and partners with the express understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, or suitability of this information for any purpose. Use of this information and the data furnished. The United States shall be under no liability whatsoever by any person by reason of any use made thereof. It is agreed that the recipient of this information and the recipient fully agrees not to represent these data to anyone as other than the best available data of the Corps of Engineers and to caution those data to 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 as represent the general condition existing at that time.

Distribution Liability: The data represents the results of data collected by the Corps of Engineers for navigation and other activity and indicates the general existing conditions. As such it is only valid for its intended use, content, time and accuracy. The Corps of Engineers assumes no responsibility for changes in the environment or for consequences of any use of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to environmental factors such as storms, seismic activity, human activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the environment that occurred after the date of data publication. This data is intended by U. S. Army Corps of Engineers' personnel and Private contractors who fully understand.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:

Recommended: Chief, Survey Section

Approved: Chief, Waterways Maintenance Section

Surveyed By: SP_JA

Plotted By: BD

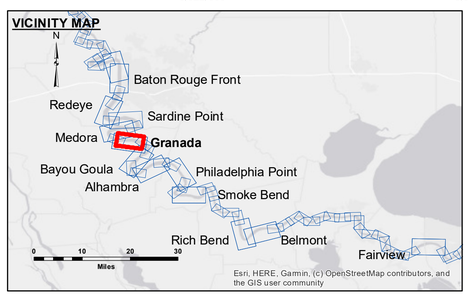
Checked By: AO

MISSISSIPPI RIVER - B.R. TO GULF
GRANADA CROSSING
MD_10_GRA_20220629_CS
29 June 2022

Sheet Reference Number
10 **of** 97

Revison Number:
4.2-20200420

VICINITY MAP



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:18.4 D:10.7 USED:15.0 NAVD
Sea Conditions:	CALM
Vessel Name:	M/V VALENTOUR
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 (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.