

US Army Corps  
of Engineers  
District: CEMVN

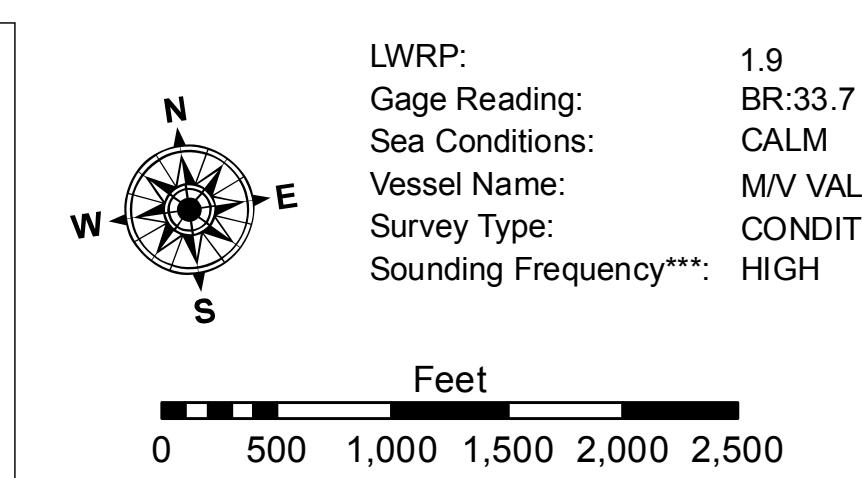
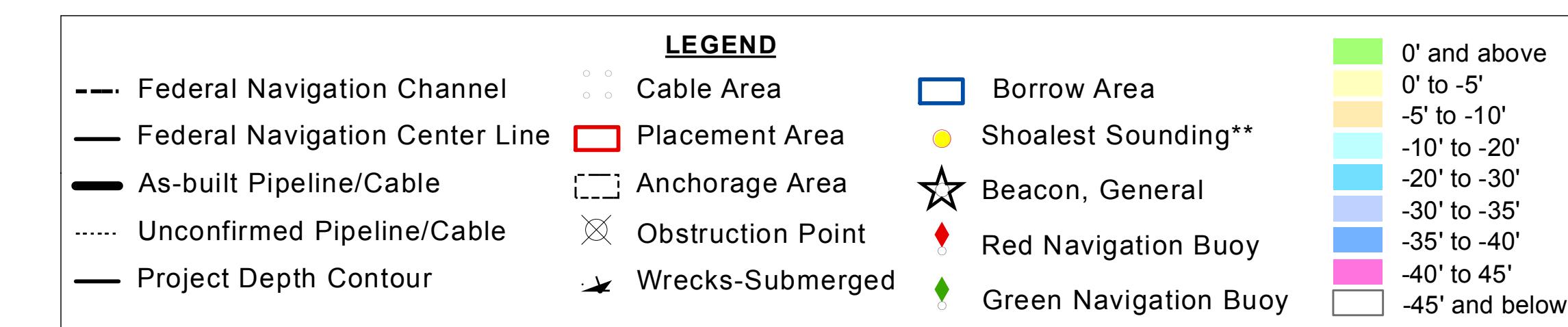
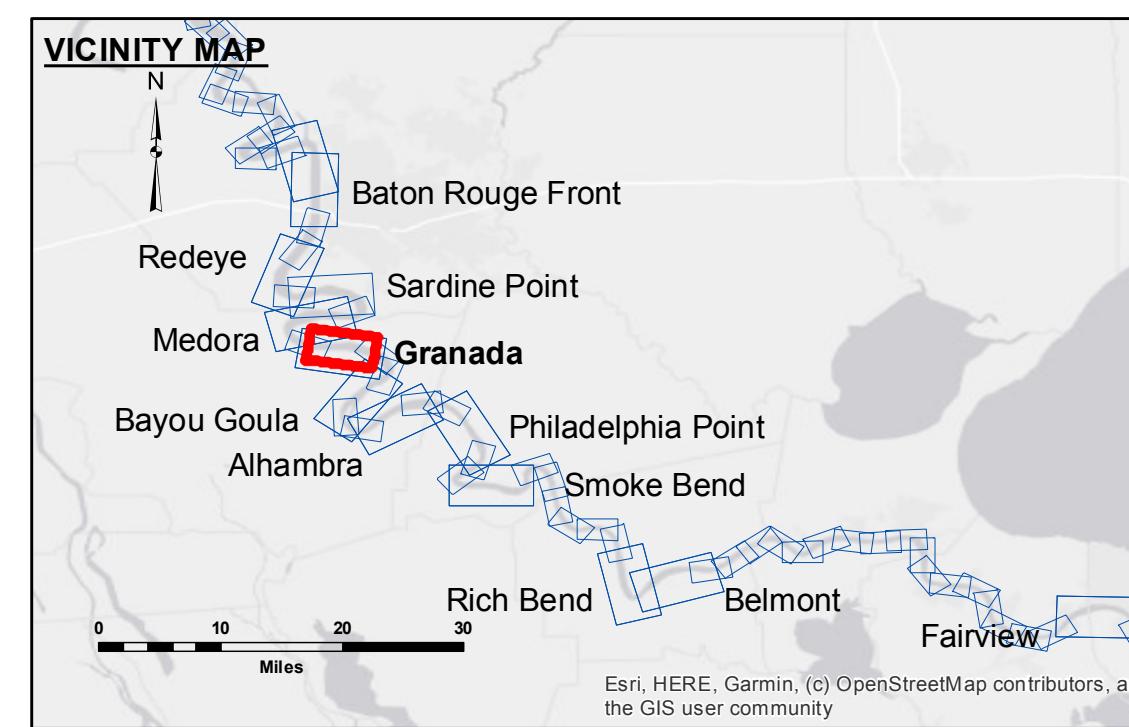
Distribution liability: The data represents the results of data collection processes of a specific US Army Corps of Engineers activity and includes the general existing conditions as such. The United States Government makes no warranties, expressed or implied, regarding the accuracy, reliability, or completeness of these data and assumes no responsibility for their use. The user is responsible for the results of any application of the data for other than its intended purpose.

Data Conventions: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activity and natural shoaling and scouring processes. The U.S. Army Corps of Engineers and the State of Louisiana accept no responsibility for any damages resulting from the use of this data. The data is intended for U.S. Army Corps of Engineers internal use. Private individuals should not rely upon it.

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

| U.S. ARMY CORPS OF ENGINEERS |                                     |
|------------------------------|-------------------------------------|
| NEW ORLEANS DISTRICT         |                                     |
| Surveyed By:                 | RYLAND/ADAMS                        |
| Submitted:                   |                                     |
| Recommended:                 | Chief Survey Section                |
| Approved:                    | Chief Waterways Maintenance Section |

MISSISSIPPI RIVER - B.R. TO GULF  
GRANADA CROSSING  
MD\_10\_GRA\_20220401\_CS  
01 April 2022



#### 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.

\*\* 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.

Sheet  
Reference  
Number  
10 of 97

Revision Number:  
4.2-200420