

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, the United States Government makes no warranties, expressed or implied, regarding the accuracy, reliability, or completeness of the data contained in this report. The user is responsible for the results of any use made of the data. The user is responsible for the results of any use made of the data. The user is responsible for the results of any use made of the data.

Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activities and natural shoaling and scouring processes. The hydrographic conditions shown on this map were current as of publication. This data is intended for U.S. Army Corps of Engineers internal purposes. Shallow shoals and scouring areas may be present in the hydrographic conditions shown on this map.

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:	JDH/SPS
Submitted:	
Recommended:	One Survey Section
Approved:	One Waterways Maintenance Section
Checked By:	
AO	

**MISSISSIPPI RIVER - B.R. TO GULF**  
**GRANADA CROSSING**  
**MD\_10\_GRAX\_20200709\_CS**  
09 July 2020

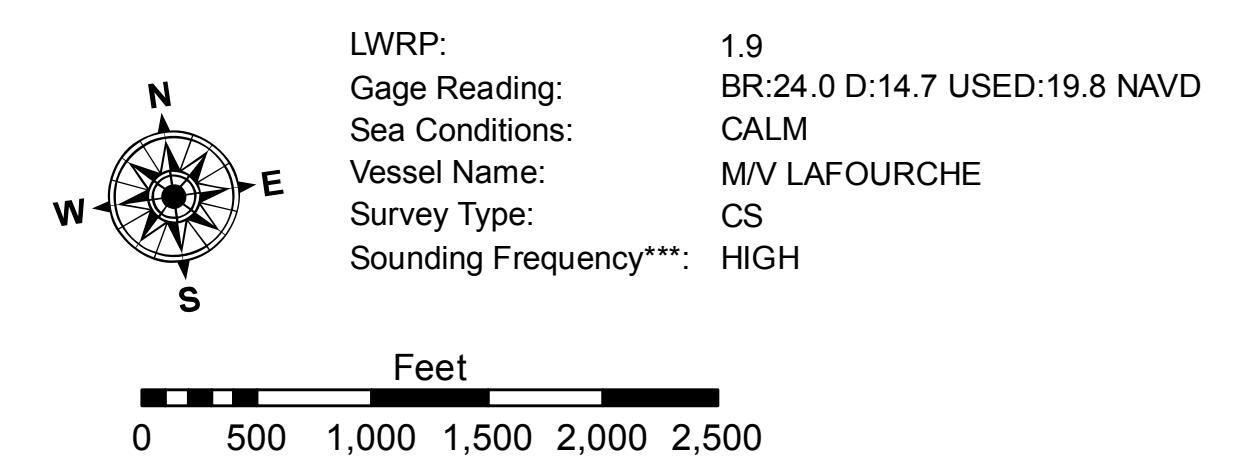
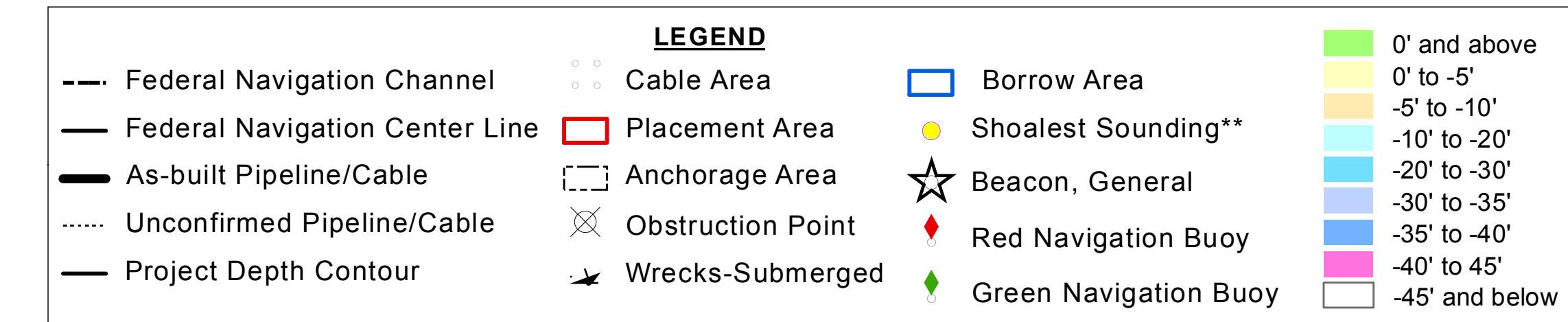
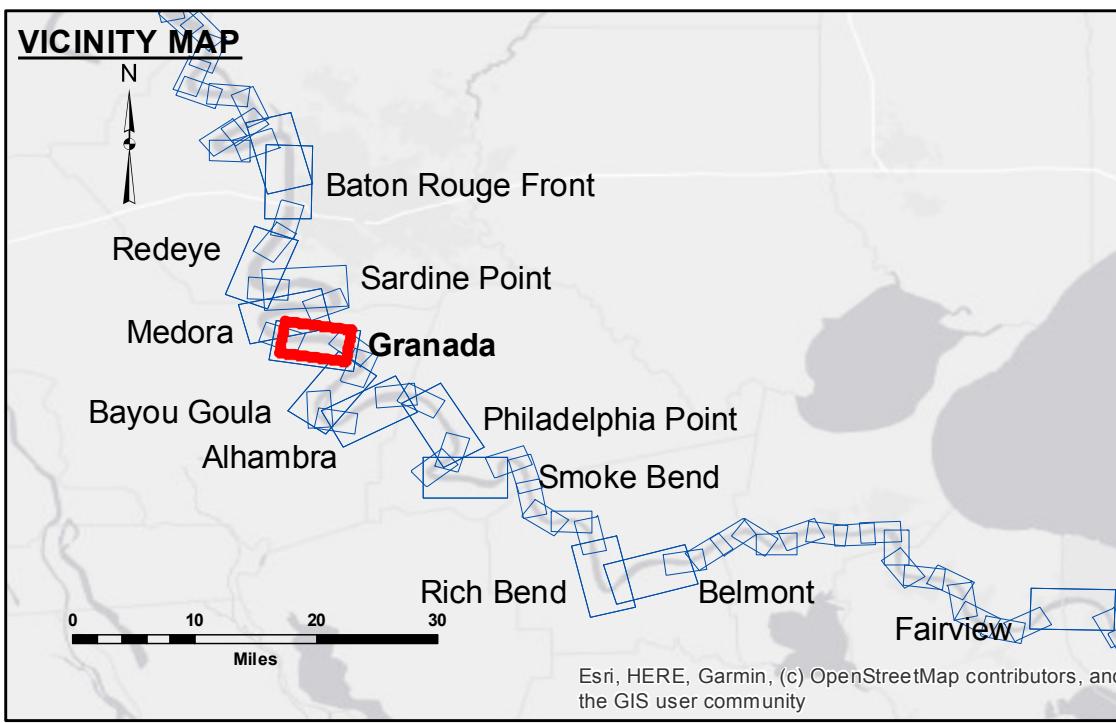
**NOTES:**  
Horizontal Coordinate System:  
North American Datum of 1983 (NAD83), projected to the State Plane  
Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.

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.



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