

**MISSISSIPPI RIVER - B.R. TO GULF
GRANADA RECON
MR_10_GRA_20170412_CS
12 April 2017**

Sheet
Reference
Number
10 of 97

Revision Number:
312-20160811



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 user accepts the data "as is" without warranty or guarantee of any kind. The user is responsible for the results of any application of the data for other than its intended purpose.

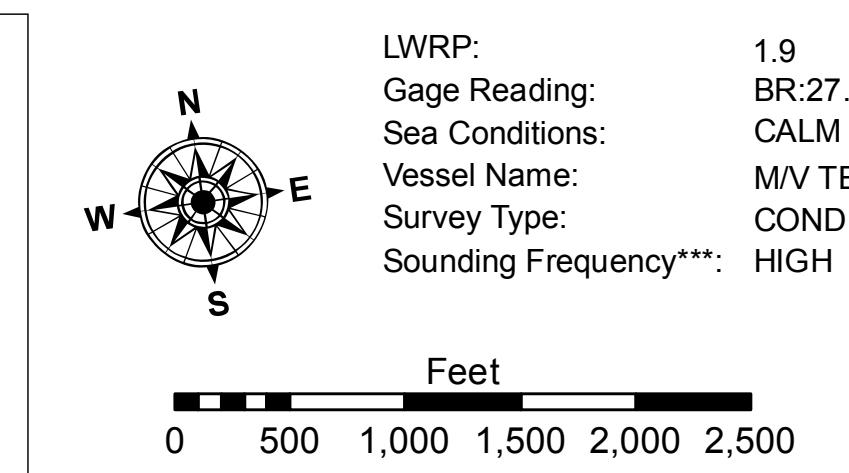
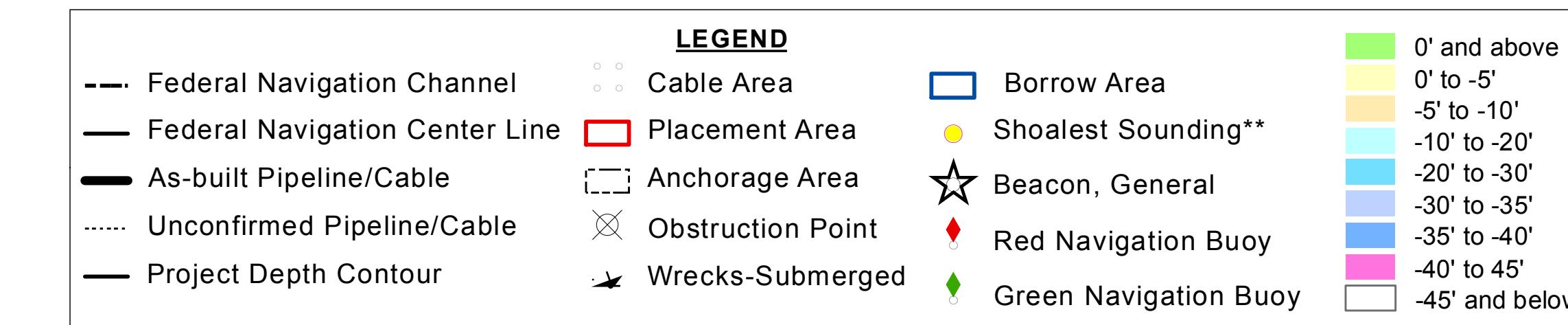
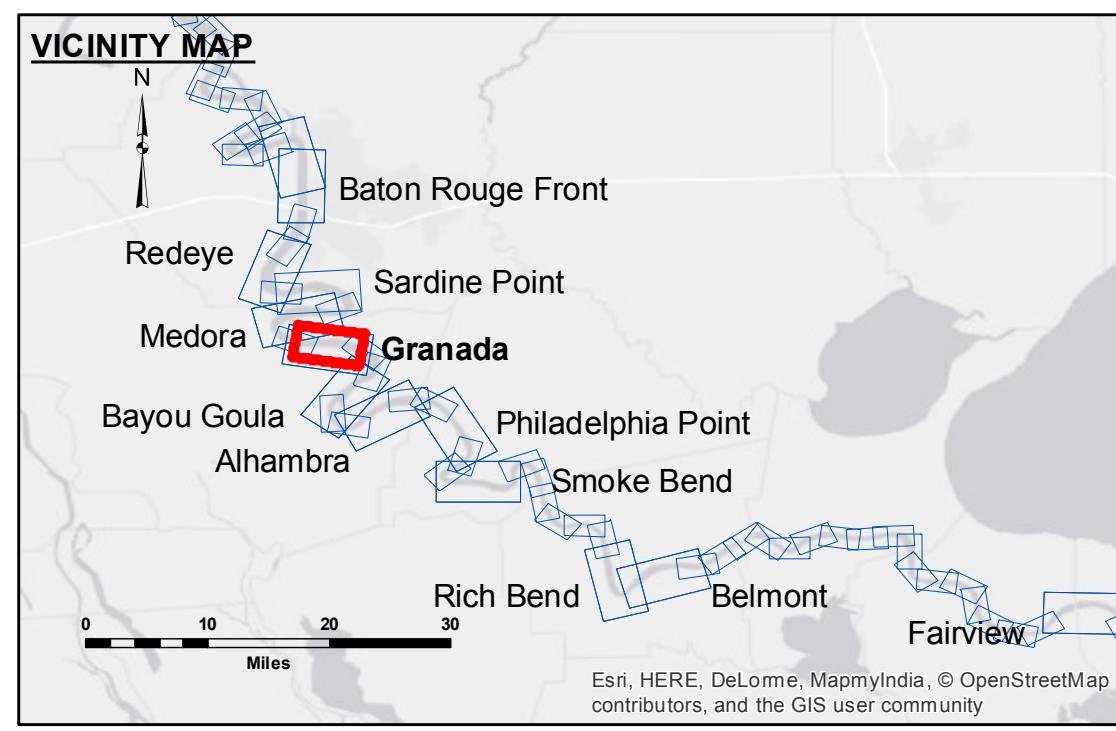
Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, sand boils, subsidence, and scouring processes. The U.S. Army Corps of Engineers does not warrant the data to be accurate under any circumstances. The user is responsible for the results of any application of the data for other than its intended purpose.

Data Acknowledgment: The data is intended for U.S. Army Corps of Engineers internal use only. The data is not to be distributed outside the U.S. Army Corps of Engineers without prior written permission.

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

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Surveyed By:	DSR
Submitted:	
Recommended:	One Survey Section
Approved:	One Waterways Maintenance Section
Checked By:	AO

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 (NGVD). 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.
2010 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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