


















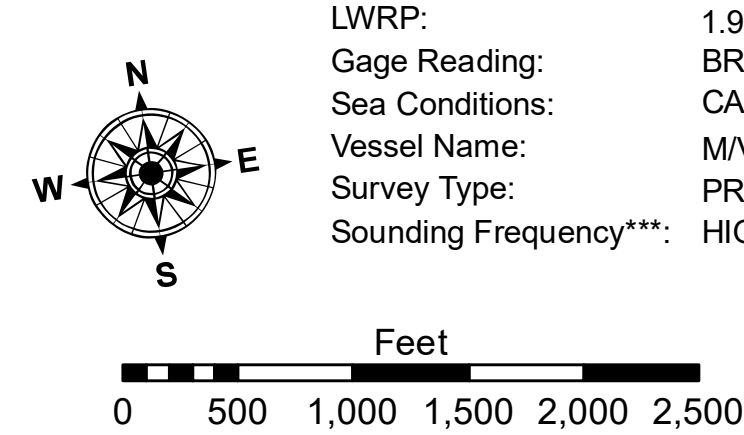


**LEGEND**

--- Federal Navigation Channel	••• Cable Area	 Borrow Area	 0' and above
— Federal Navigation Center Line	 Placement Area	 Shoalest Sounding**	 0' to -5'
 As-built Pipeline/Cable	 Anchorage Area	 Beacon, General	 -5' to -10'
..... Unconfirmed Pipeline/Cable	 Obstruction Point	 Red Navigation Buoy	 -10' to -20'
— Project Depth Contour	 Wrecks-Submerged	 Green Navigation Buoy	 -20' to -30'
			 -30' to -35'
			 -35' to -40'
			 -40' to 45'
			 -45' and below



**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 setting.



**US Army Corps  
of Engineers  
District: CEMVN**

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**Information:** The information depicted on this map represents the results of a hydrographic campaign that was conducted during the date of the hydrographic campaign. The information is not to be considered a representation of the general operating conditions at that time. The information is provided as a reference only. The information is not intended to be used for any activity and indicates the general operating conditions. As such, the U.S. Government is not responsible for the results of any of the application of the data for other than its intended purpose.

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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted: _____	Surveyed By: DJS/SPS
Recommended: _____ Chief, Survey Section	Plotted By: BD
Approved: _____ Chief, Waterways Maintenance Section	Checked by: AO

MISSISSIPPI RIVER - B.R. TO GULF  
GRANADA CROSSING  
MD\_10\_GRA\_20200728\_PR  
28 July 2020

Sheet  
Reference  
Number  
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