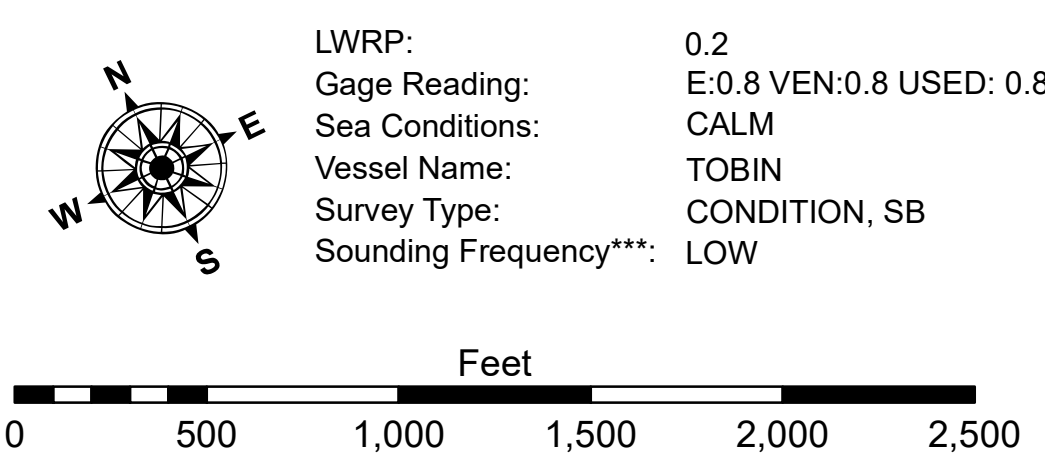


LEGEND		
	Federal Navigation Channel	
	Federal Navigation Center Line	
	As-built Pipeline/Cable	
	Unconfirmed Pipeline/Cable	
	Project Depth Contour	
	Placement Area	
	Anchorage Area	
	Obstruction Point	
	Wrecks-Submerged	
	Shoaling Area	
	Shoalest Sounding**	
	Beacon, General	
	Red Navigation Buoy	
	Green Navigation Buoy	



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 based 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. 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.



DISCLAIMER:
 The United States Government makes no warranty, express or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information provided. The user is responsible for the results of the application of the data for other than its intended purpose.
 Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including, but not limited to, changing bathymetry, shifting sandbars, and other factors. The Corps of Engineers does not accept responsibility for changes in the hydrographic conditions which develop after the date of the survey. The information depicted on this map represents the results of a survey conducted at the time the data was collected. It is not intended to represent the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Surveyed By: JH & RCC
Recommended:	Plotted By: JTS
Approved:	Checked By: MSK

**MISSISSIPPI RIVER - B.R. TO GULF
 BOLIVAR POINT
 MD_93_BVPX_20221207_CS
 07 December 2022**

Sheet Reference Number
93 of 97
 Revision Number:
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