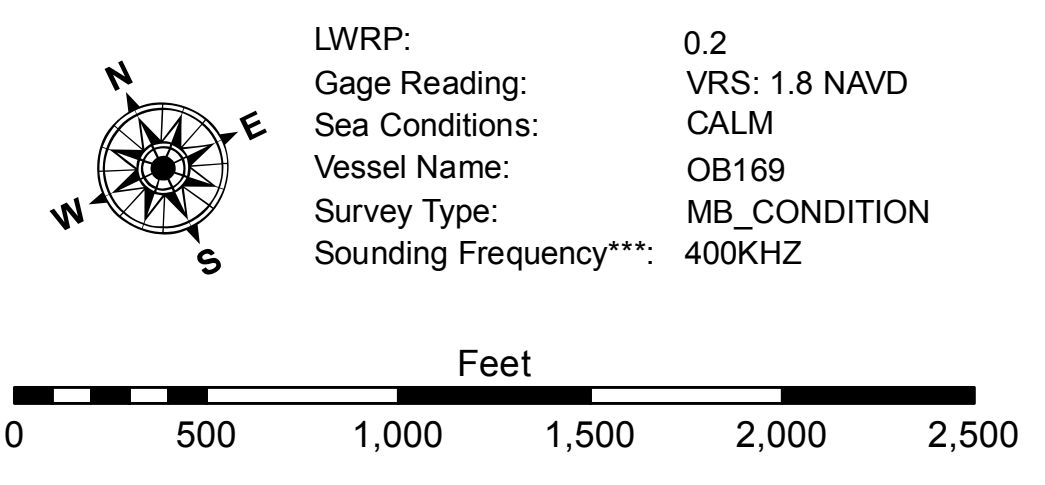


LEGEND			
	Federal Navigation Channel		Placement Area
	Federal Navigation Center Line		Anchorage Area
	As-built Pipeline/Cable		Obstruction Point
	Unconfirmed Pipeline/Cable		Beacon, General
	Project Depth Contour		Red Navigation Buoy
	Shoaling Area		Green Navigation Buoy
	Shoalest Sounding**		Green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



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.
 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 furnishes these data and the recipient accepts and uses them with the express understanding that the data are not warranted for any particular purpose of the recipient, and that the Government makes no warranty, expressed or implied, concerning the accuracy, completeness, or reliability of the data. The user is responsible for the results of any use of the data for other than the intended purpose. The application of the data for other than the intended purpose may result in injury or death. The user is responsible for the results of any use of the data for other than the intended purpose.
 Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, shoaling, and other changes in the hydrographical conditions which develop after the date of the survey. The user is responsible for the results of any use of the data for other than the intended purpose. The user is responsible for the results of any use of the data for other than the intended purpose.
 The information depicted on this map represents the results of a survey conducted on or about the date shown. 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: SPSR	Plotted By: AO
Recommended:	Chief, Survey Section	Checked By: AO
Approved:	Chief, Waterways Maintenance Section	

**MISSISSIPPI RIVER - B. R. TO GULF
 BOLIVAR POINT
 MD_93_BVPX_20220614_CS_5X5
 14 June 2022**

**Sheet Reference Number
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