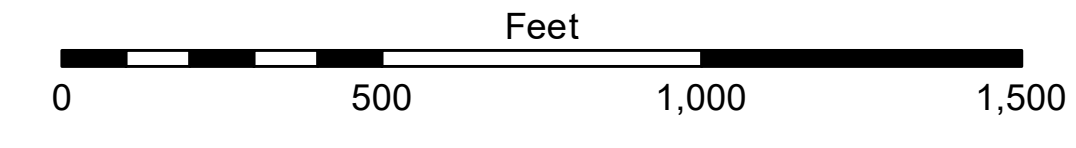


LWRP: 0.4  
 Gage Reading: ALLIANCE: 7.69 NAVD AVG.  
 Sea Conditions: CHOPPY  
 Vessel Name: DUCARPE  
 Survey Type: CS  
 Sounding Frequency\*\*: 200



**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.  
 2017 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.



**DISCLAIMER:**  
 The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were prepared, and that the user is responsible for the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data. The user shall not be held liable for any injury or damage, under no liability whatsoever to the Government, resulting from the use of these data. The recipient may not transfer these data to others without the written consent of the U.S. Army Corps of Engineers. The recipient shall not be held liable for any injury or damage resulting from the use of these data. The recipient shall not be held liable for any injury or damage resulting from the use of these data. The recipient shall not be held liable for any injury or damage resulting from the use of these data.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Chief, Survey Section
Reviewed By:	PM, JJA
Checked By:	BD
Approved:	AO/JH

**MISSISSIPPI RIVER - B.R. TO GULF  
 SALT WATER BARRIER  
 MD\_71\_SB2X\_20240524\_CS  
 24 May 2024**

**Sheet Reference Number  
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