



**LEGEND**

--- Federal Navigation Channel	● Cable Area	□ Borrow Area	■ -7.5' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -7.5' to -11.5'
— As-built Pipeline/Cable	□ Anchorage Area	☆ Beacon, General	■ -11.5' to -13.5'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -13.5' to -15.5'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	■ -15.5' to -19.5'
			■ -19.5' and below

Compass rose and scale bar (0 to 2,000 feet).

Gage Reading: DM 16 RTN: 0.56 MLLW AVG.  
 Sea Conditions: CALM  
 Vessel Name: DUCARPE  
 Survey Type: CS  
 Sounding Frequency\*\*\*: 24

**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 Mean Lower Low Water Datum (MLLW). Datum relationships as of April 2023:  
 0.0' NAVD88 (2009.55) = -0.51' MLLW (2002-2006) = 2.99' MLG  
 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.  
 2018 Aerial Photography data source: Precision Aerial Reconnaissance LLC.  
 Reference is N.O.A. Navigation Chart No. 11353.  
 \*\* 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.



**ACCESS NOTES**  
 Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are not to be distributed, reproduced, or used for any purpose other than that for which they were originally intended. The user is responsible for the results, accuracy, reliability, usability or suitability for any particular purpose of the information, and for the 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, changing bathymetry, sedimentation, and other factors. The user is responsible for 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 that time, and is not intended to represent the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT

Submitted:	Surveyed By: PM, JC
Recommended: Chief, Survey Section	Plotted By: BD
Approved: Chief, Waterways Maintenance Section	Checked By: AO/JH

**MISS. RIVER OUTLETS AT VENICE  
 BAPTISTE COLLETTE, MI. 2.1 TO 3.6  
 OV\_02\_BAP\_20240717\_CS  
 17 July 2024**

**Sheet Reference Number**  
**2 of 6**

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 4.2-20200420