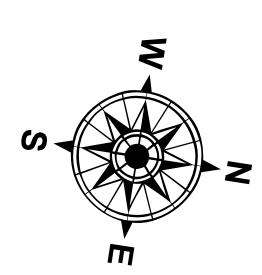
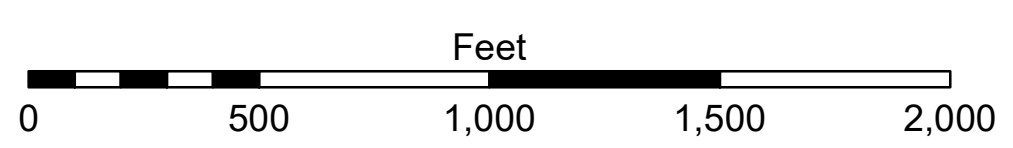


LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -7.5' and above
— Federal Navigation Center Line	▭ Placement Area	● Shoalest Sounding**	■ -7.5' to -11.5'
— As-built Pipeline/Cable	□ Anchorage Area	☆ Beacon, General	■ -11.5' to -13.5'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction 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



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) = -0.20' MLLW (2002-2006) = 3.3' 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, 1998 imagery in transparent green.  
 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/Obstruction:** The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results and accuracy of the data. The application of the data for other than its intended purpose is not recommended.  
**Data Constraints:** Hydrographic survey data is subject to change rapidly due to several factors including, but not limited to, changing hydrographic conditions, changes in the physical characteristics of the waterway, and 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.  
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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: PM, JC	Checked By: AO/JH
Recommended:	Plotted By: BD	Approved:
Chief, Survey Section		Chief, Waterways Maintenance Section

**MISS. RIVER OUTLETS AT VENICE  
 BAPTISTE COLLETTE, MI. 5.9 TO 7.8  
 OV\_04\_BAP\_20240717\_CS  
 17 July 2024**

**Sheet Reference Number  
 4 of 6**

Revision Number:  
 4.2-20240420