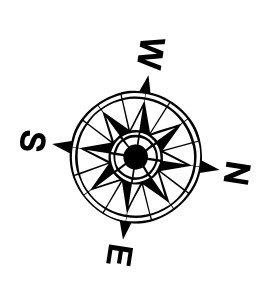
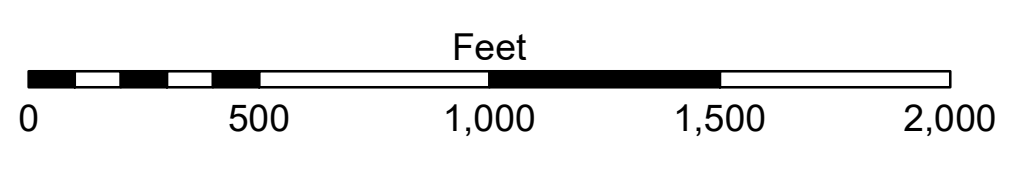


LEGEND

--- 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: DM16 VRN: 1.0 MLLW AVG
 Sea Conditions: CALM
 Vessel Name: OB 169
 Survey Type: BD
 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.



DISCLAIMER: The data represents the results of data collection 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 any application of the data for other than its intended purpose. Data collected for hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrographic conditions which develop after the date of the survey. The US Army Corps of Engineers accepts no 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 of the survey. 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: PM,LT
Recommended: Chief, Survey Section	Plotted By: JH
Approved: Chief, Waterways Maintenance Section	Checked By: JH

**MISS. RIVER OUTLETS AT VENICE
 BAPTISTE COLLETTE, MI. 5.9 TO 7.8
 OV_04_BAP_20241120_BD
 20 November 2024**

**Sheet Reference Number
 4 of 6**