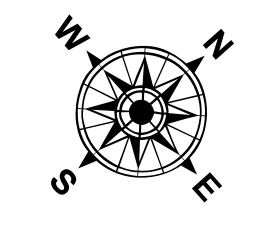
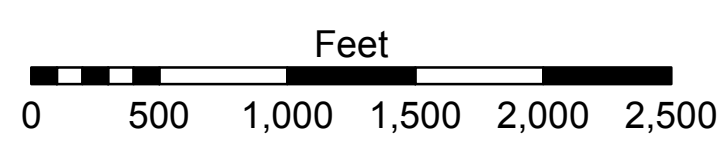


LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -4' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -4' to -8'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -8' to -10'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -10' to -12'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	■ -12' to -16'
			■ -16' and below



Gage Reading: VRS DM 16: 4.7 MLG AVG
 Sea Conditions: CALM
 Vessel Name: OB-169
 Survey Type: CONDITION
 Sounding Frequency***: LOW



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 Low Gulf Datum (MLG).
 Datum relationships as of 01 May 2013:
 0.0' MLLW (2002-2006) = 0.0' NAVD88 (2009.55) = 3.5' 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.



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. The user is responsible for the results of any application of the data for other than its intended purpose.
 The information depicted on this map represents the results of a survey conducted under contract to the U.S. Army Corps of Engineers. The information is not to be used for any purpose other than that for which it was prepared. The user is responsible for the results of any application of the data for other than its intended purpose.
 The information depicted on this map represents the results of a survey conducted under contract to the U.S. Army Corps of Engineers. The information is not to be used for any purpose other than that for which it was prepared. The user is responsible for the results of any application of the data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

Submitted:	Surveyed By: SPP/M
Recommended: Chief Survey Section	Plotted By: AO
Approved: Chief Waterways Maintenance Section	Checked By: AO

**MISS. RIVER OUTLETS AT VENICE
 BAPTISTE COLLETTE, MI. 7.8 TO RIVER
 OV_01_BAP_20200911_CS
 11 September 2020**

**Sheet Reference Number
 1 of 3**

Revision Number:
 4.1-2019115