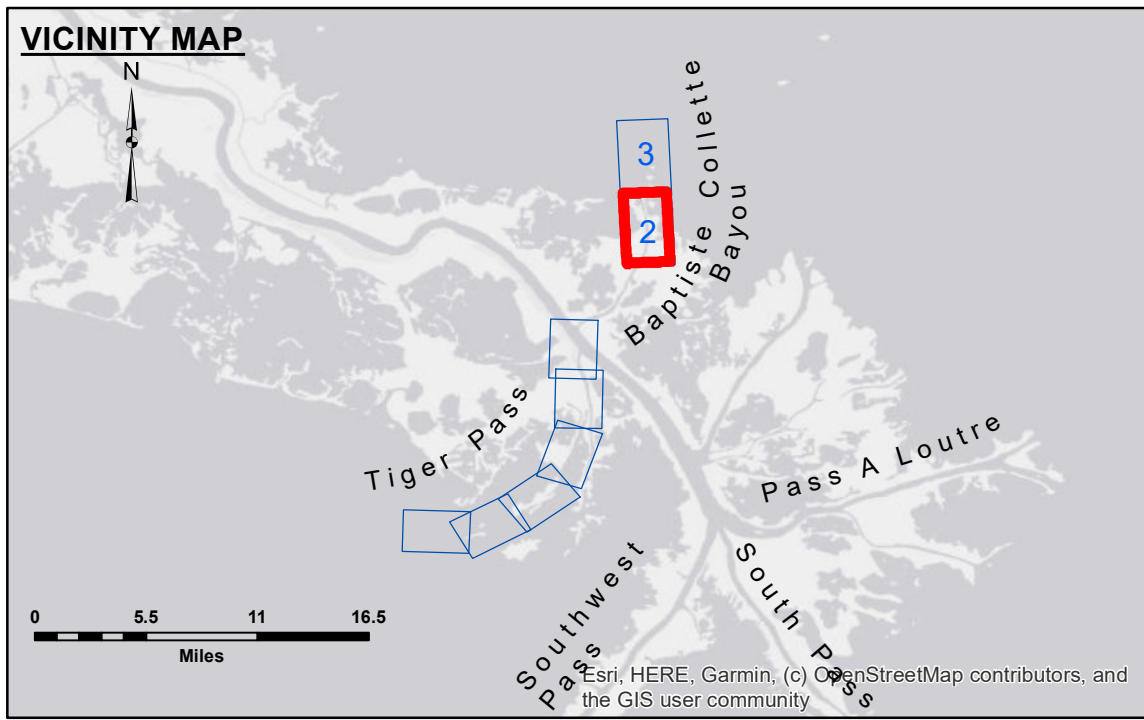


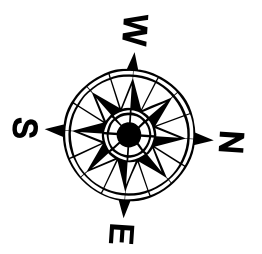
**C/L CURVE DATA SUMMARY**

	CURVE 2	CURVE 3	CURVE 4
Δ	25 24'14"	12 12'36"	31 50'37"
D	01 00'00"	00 58'36"	01 05'46"
R	5729.58'	5866.46'	5227.04'
T	1291.43'	627.46'	1491.12'
L	2540.40'	1250.13'	2905.15'

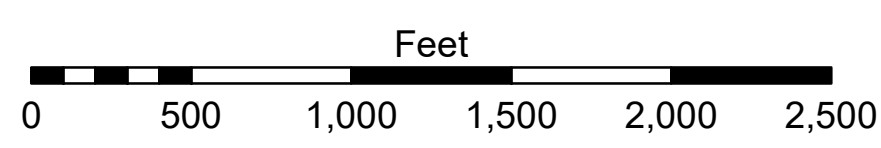


**LEGEND**

--- 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: DM 16:4.57 MLG  
 Sea Conditions: CALM  
 Vessel Name: OB169  
 Survey Type: CS  
 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:**  
 Distribution Liability: 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 of any application of the data for other than its intended purpose. Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations, channel migration, and changes in bathymetry. The Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions when developed after the date of the survey. Product maintainers should not rely solely upon this internal use.

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT

Submitted:	Surveyed By: PWS/PS
Recommended: Chief, Survey Section	Plotted By: AC
Approved: Chief, Waterways Maintenance Section	Checked By: AC

**MISS. RIVER OUTLETS AT VENICE  
 BAPTISTE COLLETTE, MI. 4.0 TO 7.8  
 OV\_02\_BAP\_20201030\_CS\_POSTSTORM  
 30 October 2020**

**Sheet Reference Number  
 2 of 3**