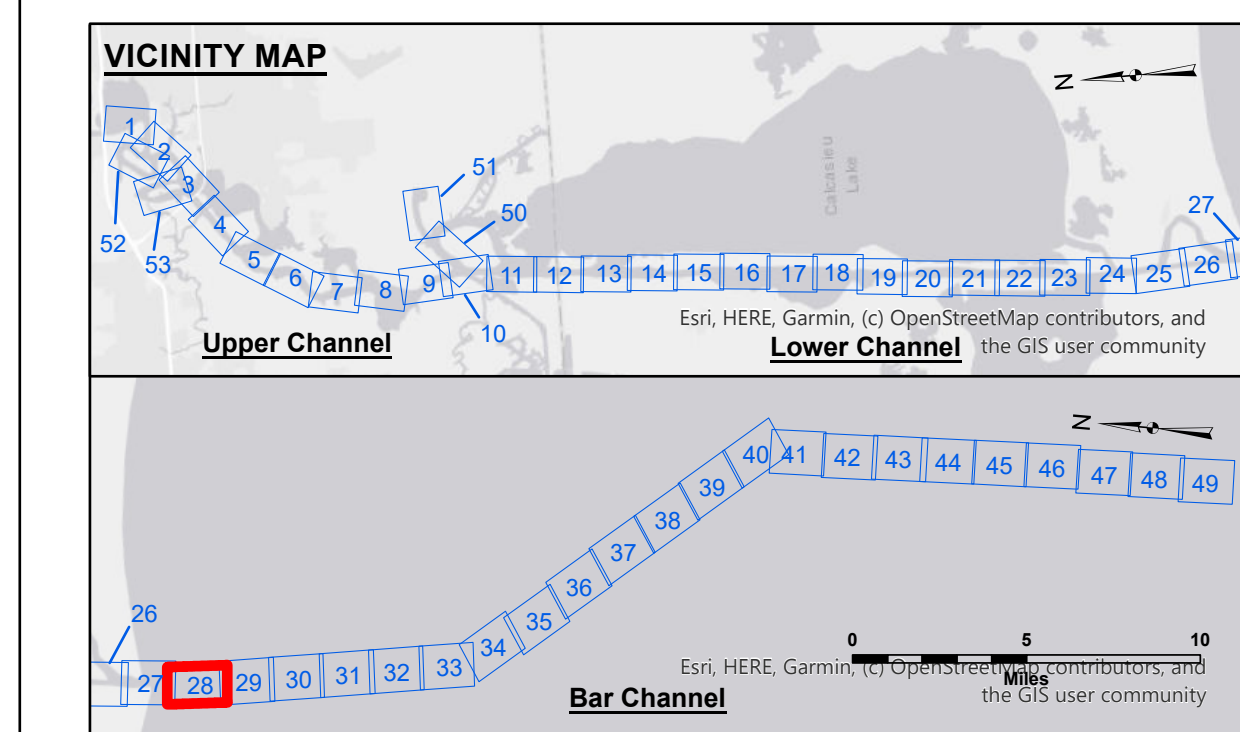
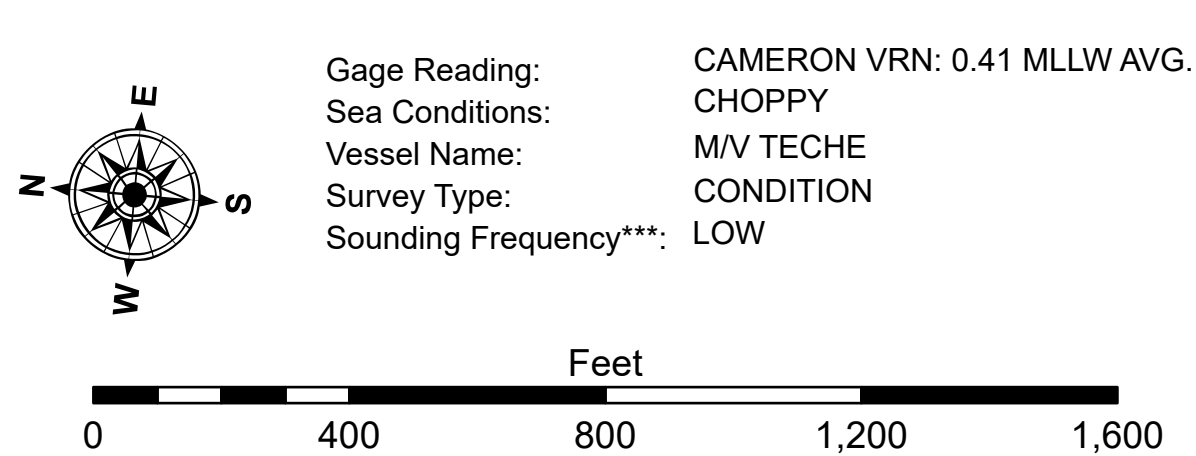




LEGEND					
 Federal Navigation Channel	 Cable Area	 Fluff Thickness (feet)*	 -16' and above		
 Federal Navigation Center Line	 Placement Area	 Shoalest Sounding**	 -16' to -21'		
 As-built Pipeline/Cable	 Anchorage Area	 Beacon, General	 -21' to -26'		
 Unconfirmed Pipeline/Cable	 Obstruction Point	 Red Navigation Buoy	 -26' to -33'		
 Project Depth Contour	 Wrecks-Submerged	 Green Navigation Buoy	 -33' to -39'		
			 -39' to -41'		
			 -41' to -43'		
			 -43' and below		



NOTES: **2,641,000**

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 for gage 73650 as of December 2013:
0.0' NAD83 (2008.55) = 1.3' MLLW = 2.3' MGLW or 0.0' MLLW = 1.0' MGLW

Distances on the Calcasieu River are shown at 1 mile intervals.

The location of navigation aids are base on and provided by the U.S. Coast Guard
and USACE survey crews.

2022 Aerial Photography data source: PAR LLC

Reference is N.O.A. Navigation Chart No. 11339.

* Difference between high and low frequency elevations where greater than 1.0'.

** 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 bathymetric
settings.



Distribution Liability. The data representing the results of a distribution liability survey are the property of the U.S. Army Corps of Engineers. The United States Government furnishes these data and the recipient accepts them with the express understanding that the U.S. Government makes no warranties, either expressed or implied, as to the accuracy, reliability, or usability for any particular purpose of the data. The recipient agrees to indemnify and hold the United States Government harmless from any and all claims, damages, and expenses, including reasonable attorneys' fees, that the United States Government may incur as a result of any use made therefrom. The data belong to the Government. Therefore the recipient agrees to return the data to the Government and that Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

The information depicted on this map represents the results of a distribution liability survey conducted by the U.S. Army Corps of Engineers. The information is intended to represent the general condition existing at that time.

U.S. ARMED FORCES ENGINEERS	
Submitted: _____	Surveyed By: SPJS _____
Recommended: Chief, Survey Section _____	Plotted By: BD _____
Approved: _____	Checked By: AOJH _____

CALCASIEU SHIP CHANNEL
BAR SHEET 28
CR_28_BAR_20251112_CS
12 November 2025

**Sheet
Reference
Number**
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