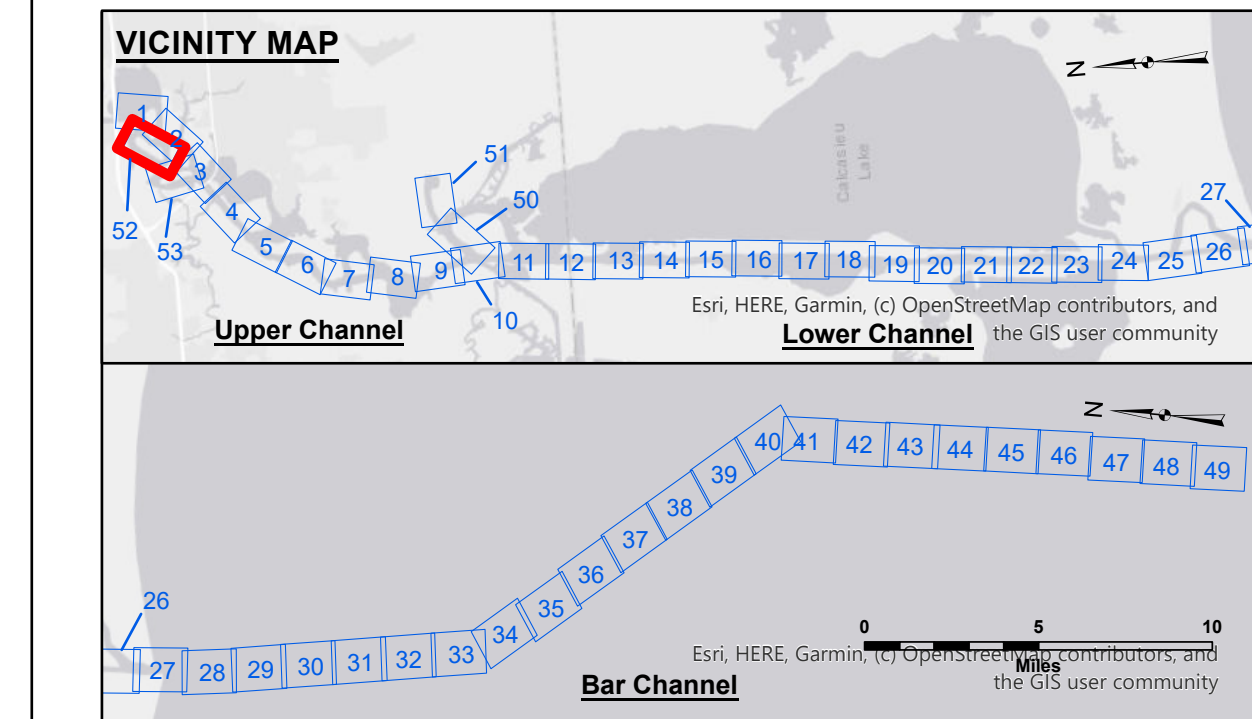
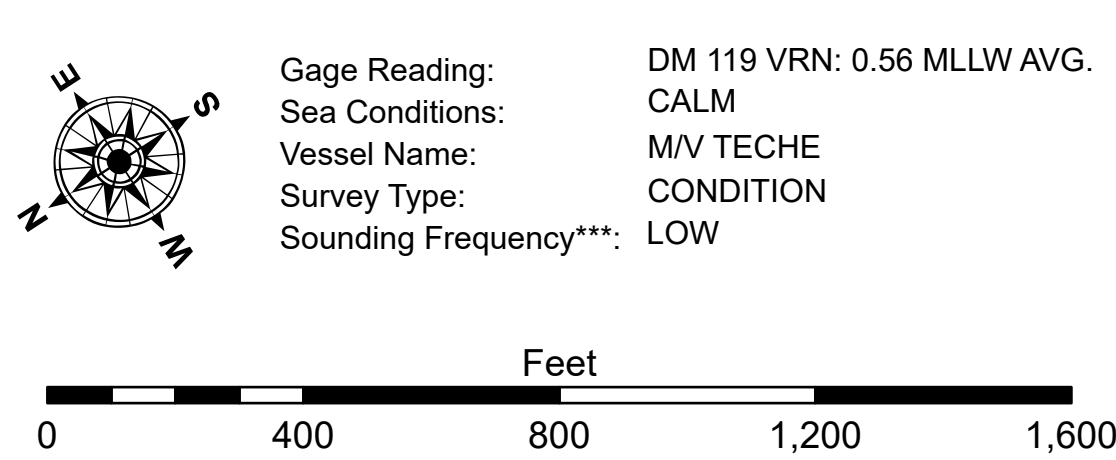




LEGEND						
 Federal Navigation Channel	 Cable Area	 Fluff Thickness (feet)*		-16' and above		
 Federal Navigation Center Line	 Placement Area	 Shoalest Sounding**		-16' to -21'		
 As-built Pipeline/Cable	 Anchorage Area	 Beacon, General		-21' to -26'		
 Unconfirmed Pipeline/Cable	 Obstruction Point	 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: **2,688,000**

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 73550 as of December 2013:
0.0' NAVD88 (OPUS 2010) = 0.6' MLLW = 1.6' MLG or 0.0' MLLW = 1.0' MLG

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

The location of navigation aids are based 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.A. Navigation Chart No. 11339.

* Difference between high and low frequency elevations were 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.



**US Army Corps
of Engineers
District: CEMVN**

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U.S. ARMY CORP. OF ENGINEERS	
Submitted _____	Reviewed By: SP/US _____
Recommended: Chief Survey Section _____	Plotted By: BD _____
Approved: Chief Waterways Maintenance Section _____	Checked By: AOJ/H _____

CALCASIEU SHIP CHANNEL
CLOONEY ISLAND
CR_52_CLI_20251106_CS
06 November 2025

**Sheet
Reference
Number**
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