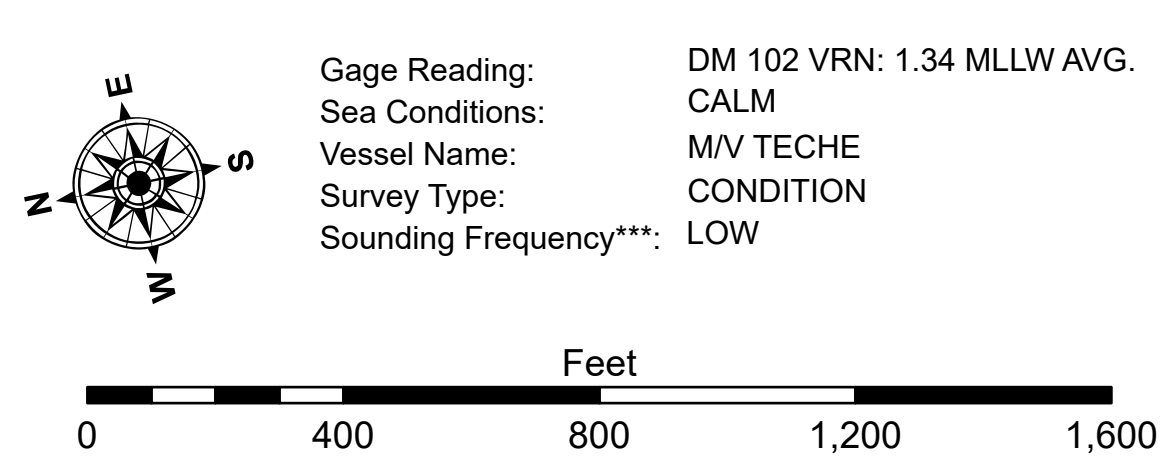


**LEGEND**

--- Federal Navigation Channel	○ Cable Area	3 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	★ Beacon, General	-26' to -33'
— Project Depth Contour	✈ Wrecks-Submerged	◆ Red Navigation Buoy	-33' to -39'
		◆ Green Navigation Buoy	-39' to -41'
			-41' to -43'
			-43' and below



**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 for gage 73575 as of December 2013:  
 0.0' NAVD88 (OPUS 2013) = 0.8' MLLW = 1.8' 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 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.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 fathometer settings.



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

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**Data Constraints:** Hydrographic survey data is subject to change rapidly due to natural factors and scouring processes. The U.S. Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of publication. This data is intended for U. S. Army Corps of Engineers internal use. Prudent measures should not rely solely upon it.

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U.S. ARMY CORP. OF ENGINEERS	
Submitted _____	Reviewed By: SP, JS _____
Recommended: Chief, Survey Section _____	Plotted By: BD _____
Approved: _____	Checked By: AO/JH _____
Chief, Waterways Maintenance Section	

## CALCASIEU SHIP CHANNEL

UPPER SHEET 8  
CR\_08\_UPR\_20250528\_CS

**28 May 2025**

Sheet  
Reference  
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5.25.04.03-5.25.04.03