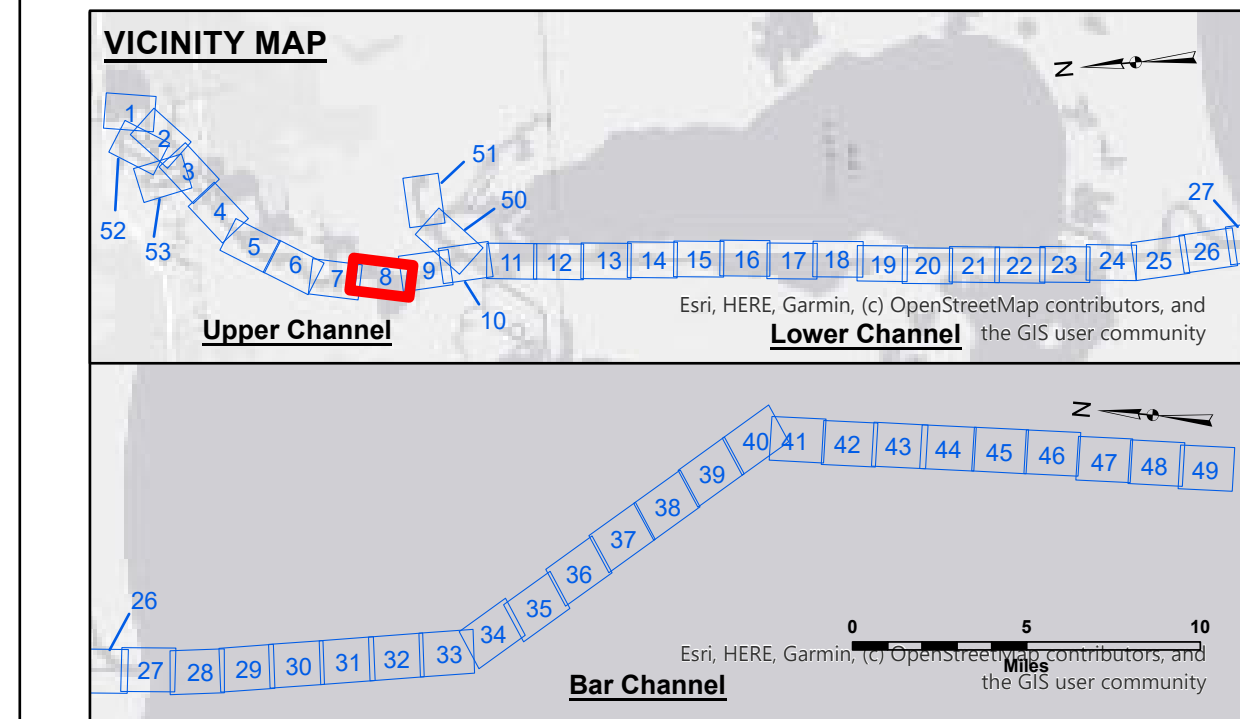
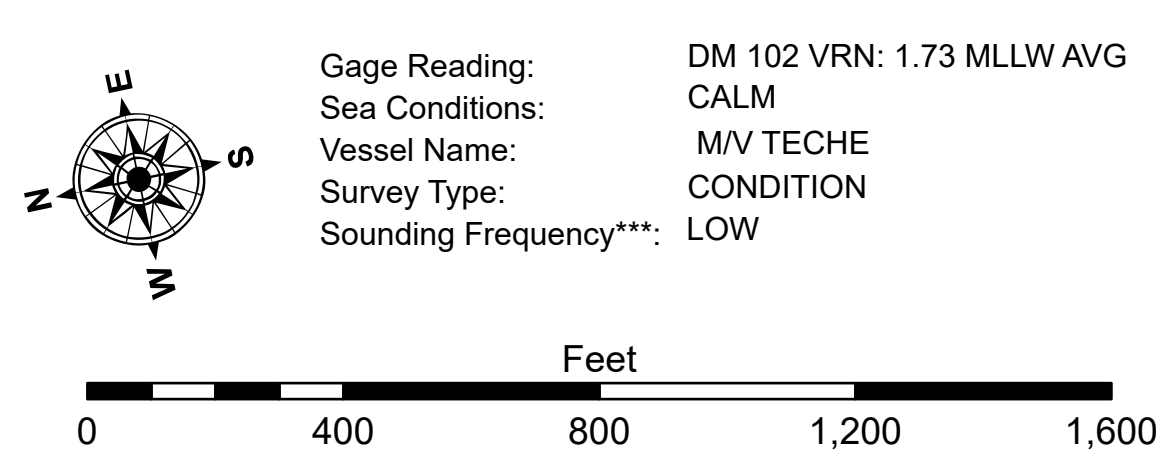




LEGEND			
--- Federal Navigation Channel	○ ○ Cable Area	3 Fluff Thickness (feet)*	-16' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	-16' to -21'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	-21' to -26'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction 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
at Water Relationships for gauge 73575 as of December 2013.
0.0' NAD83 (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 AACE 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 (2
MHz) data normally penetrates through this "fluff" layer to depict elevations of consolidated
material. Low frequency accuracies may vary depending on channel conditions and fath
settings.



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

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Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activity and natural shoaling and scouring processes. The U.S. Army Corps of Engineers accepts no responsibility for changes in the data. This data is intended for U.S. Army Corps of Engineers publication. This data is intended for U.S. Army Corps of Engineers internal use. Prudent mariners should not rely solely upon it.

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U.S. ARMY CORP/REGTS/GPS/ENGINEERS	
Submitted _____	Surveyed By: SP/JS _____
Recommended: Chief, Survey Section _____	Plotted By: JH _____
Approved: Chief, Waterways Maintenance Section _____	Checked By: JH _____

CALCASIEU SHIP CHANNEL
UPPER SHEET 8
CR_08_UPR_20250630_CS
30 June 2025

**Sheet
Reference
Number**
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