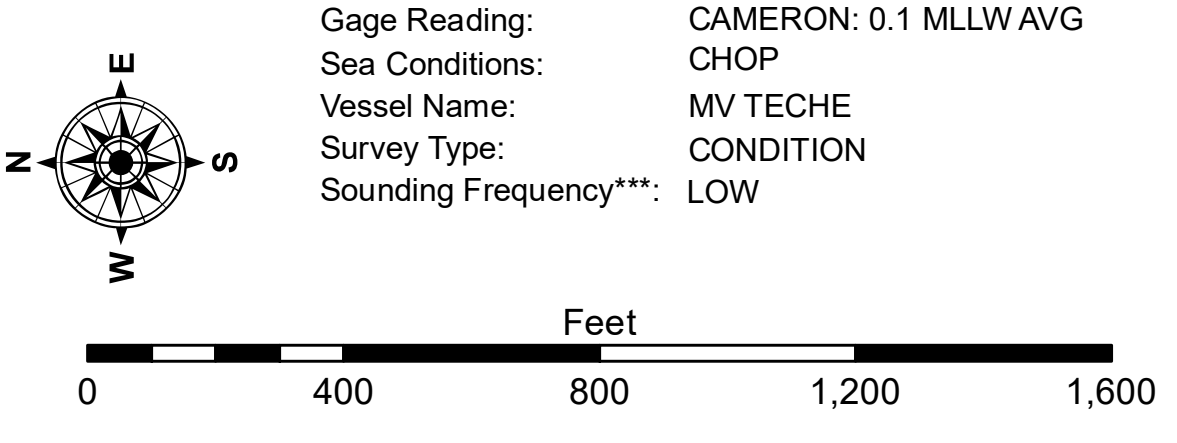


LEGEND

--- 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	◆ 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:

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: CAMERON: 0.1 MLLW AVG

Sea Conditions: CHOP

Vessel Name: MV TECHE

Survey Type: CONDITION

Sounding Frequency***: LOW

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.

2015 Aerial Photography data source: NAIP

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.



DISCLAIMER:

The information depicted on this map represents the results of a hydrographic survey conducted by the U.S. Army Corps of Engineers. The information is provided for informational purposes only and is not intended to be used for navigation. The user is responsible for the accuracy, completeness, and reliability of the information. The user is advised to consult the appropriate nautical charts and other navigational aids. The U.S. Army Corps of Engineers does not warrant the accuracy or completeness of the information. The user is advised to consult the appropriate nautical charts and other navigational aids. The U.S. Army Corps of Engineers does not warrant the accuracy or completeness of the information.

Submitted:	SP-JS	Plotted By:	JH	Checked By:	JH
Recommended:	CH-ET	Surveyed By:	SP-JS		
Approved:	CH-ET				

CALCASIEU SHIP CHANNEL
BAR SHEET 41
CR_41_BAR_20250128_CS
28 January 2025

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