



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

Gage Reading: CAMERON: 1.0 MLLW AVG
 Sea Conditions: CALM
 Vessel Name: MV TECHE
 Survey Type: CONDITION
 Sounding Frequency***: LOW

Vertical Datum: 0.0' NAVD88 (2009.55) = 1.3' MLLW = 2.3' 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.

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 survey conducted by the United States Army Corps of Engineers. The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. The user is responsible for the accuracy, reliability, usability, or suitability for any purpose other than that intended by the Corps. The user is responsible for the accuracy, reliability, usability, or suitability for any purpose other than that intended by the Corps. The user is responsible for the accuracy, reliability, usability, or suitability for any purpose other than that intended by the Corps. The user is responsible for the accuracy, reliability, usability, or suitability for any purpose other than that intended by the Corps.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	SP-SK	Plotted By:	JH	Checked By:	JH
Recommended:		Chief, Survey Section		Chief, Waterways Maintenance Section	

CALCASIEU SHIP CHANNEL
BAR SHEET 36
CR_36_BAR_20230105_CS
05 January 2023

Sheet Reference Number
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