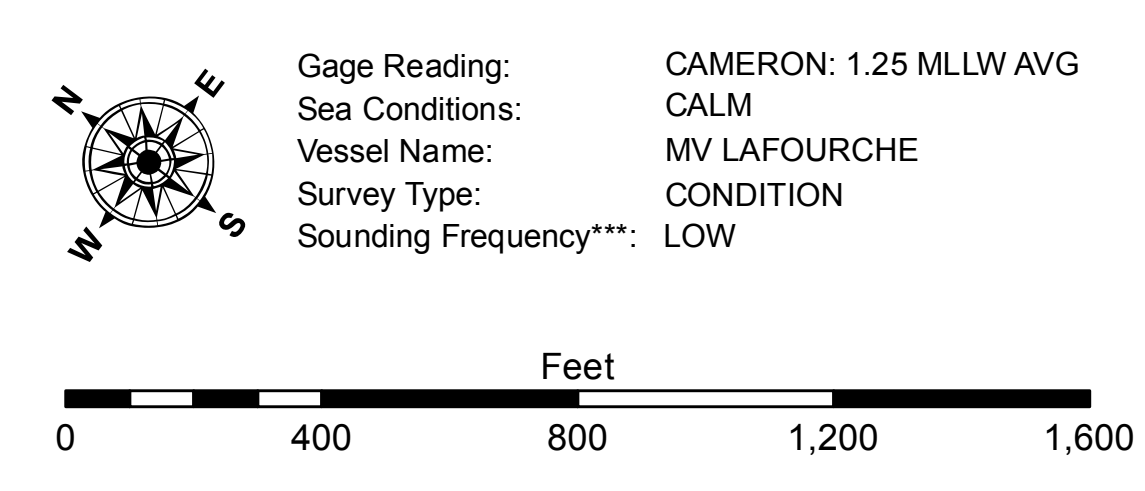


**LEGEND**

--- 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:**  
 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 page 73650 as of December 2013:  
 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. 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: CEMVW

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT

Surveys By: SP/PS  
 Plotted By: JH  
 Checked By: JH  
 Chief, Survey Section  
 Chief, Waterways Maintenance Section

Calcasieu Ship Channel  
 BAR SHEET 36  
 CR\_36\_BAFX\_20220301\_CS  
 01 March 2022

Sheet Reference Number  
 36 of 53

Revision Number:  
 4-2-2008(03)

Disclaimer: The data represented on this chart is the result of a survey conducted by the U.S. Army Corps of Engineers. The user is responsible for the accuracy of the data and for the use of the data. The user is responsible for the accuracy of the data and for the use of the data. The user is responsible for the accuracy of the data and for the use of the data.