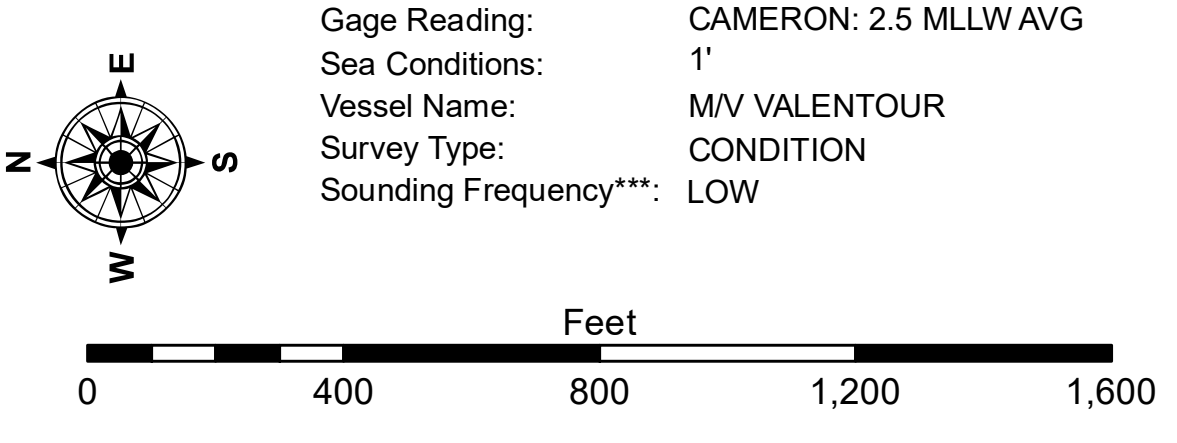


**LEGEND**

--- Federal Navigation Channel	○ Cable Area	3 Fluff Thickness (feet)*	■ -16' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -21' to -26'
— As-built Pipeline/Cable	⊗ Anchorage Area	★ Beacon, General	■ -26' to -33'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -33' to -39'
— Project Depth Contour	⊗ Wrecks-Submerged	◆ Green Navigation Buoy	■ -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: 2.5 MLLW AVG  
Datum Relationships for gage 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.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 United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information furnished. The user is responsible for the results obtained from the use of this information. The user shall be held under no liability whatsoever to any person by reason of any use of this information. These data are being provided to the recipient under a license that allows the recipient to use the information for the purposes stated in the license. The recipient may not transfer these data to others without also transferring this disclaimer. The information depicted on this map represents the results of a survey conducted on or about the date indicated. It is not intended to represent the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Reviewed By:	Checked By:
	JH/ADAMS	AC
Recommended:	Plotted By:	
Chief, Survey Section	BD	
Approved:		
Chief, Waterways Maintenance Section		

**CALCASIEU SHIP CHANNEL  
BAR SHEET 42  
CR\_42\_BAR\_20200613\_CS\_POSTSTORM  
13 June 2020**

**Sheet Reference Number  
42 of 53**

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