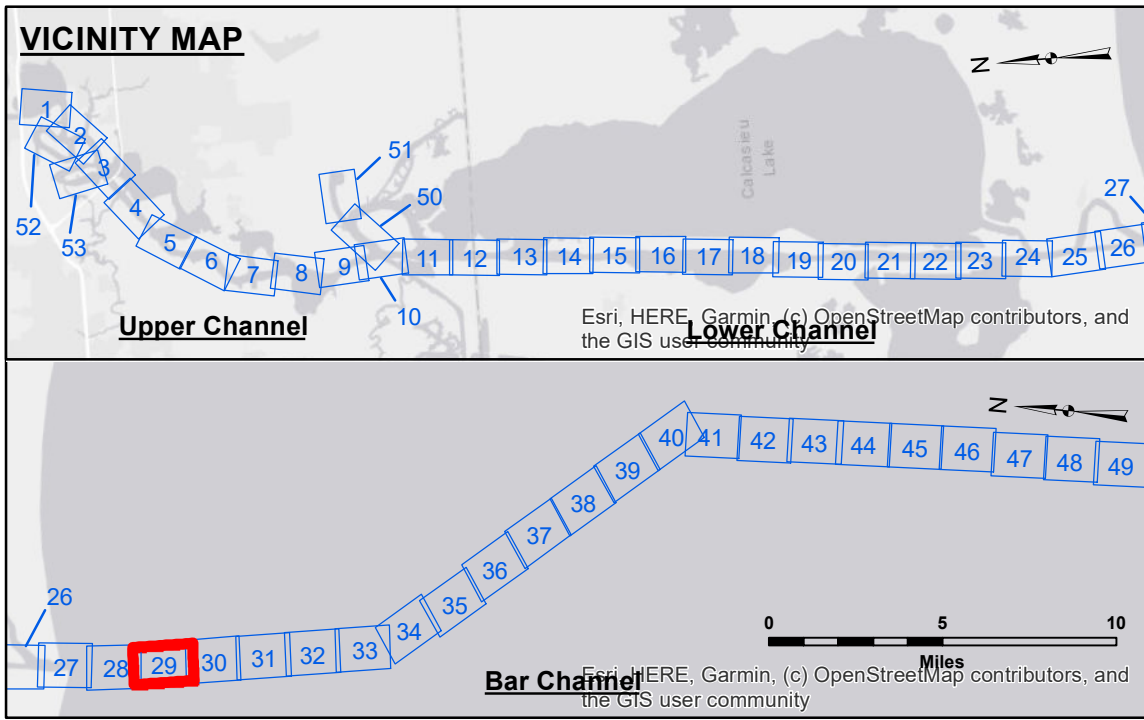


**DISCLAIMER**

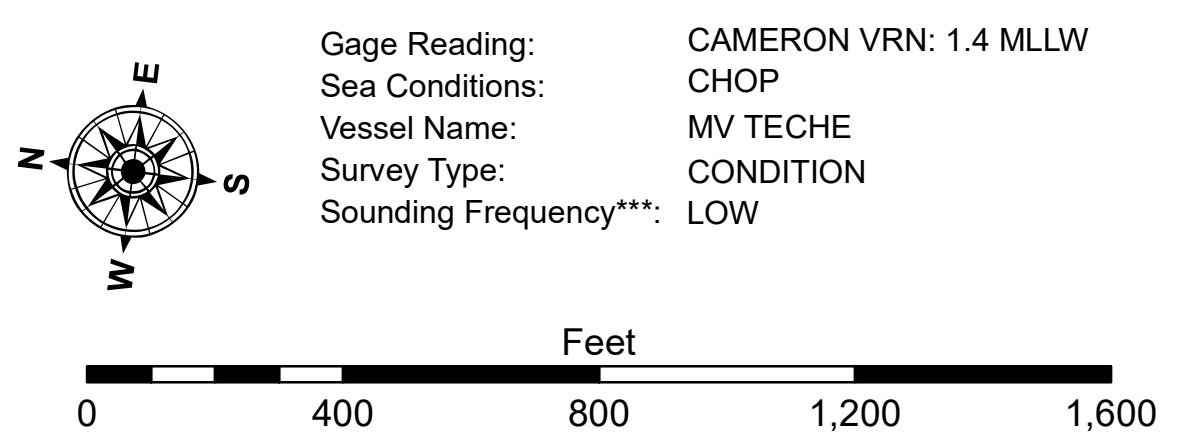
The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are not to be used for any purpose other than that for which they were prepared. The user is responsible for the results of any use of these data. The United States Government makes no warranty, express or implied, concerning the accuracy, completeness, reliability, or availability of the data for any purpose other than that for which they were prepared. The user is responsible for the results of any use of these data. The United States Government makes no warranty, express or implied, concerning the accuracy, completeness, reliability, or availability of the data for any purpose other than that for which they were prepared. The user is responsible for the results of any use of these data.

Submitted:	Surveyed By:	SP-JS
	Plotted By:	AO
	Checked By:	AO
Recommended:	Chief, Survey Section	
Approved:	Chief, Waterways Maintenance Section	

**CALCASIEU SHIP CHANNEL**  
**BAR SHEET 29**  
**CR\_29\_BAR\_20240923\_CS**  
**23 September 2024**



LEGEND	
--- Federal Navigation Channel	••• Cable Area
— Federal Navigation Center Line	□ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	⊗ Wrecks-Submerged
3 Fluff Thickness (feet)*	★ Beacon, General
● Shoalest Sounding**	♦ Red Navigation Buoy
● Green Navigation Buoy	♦ Green Navigation Buoy



**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 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.