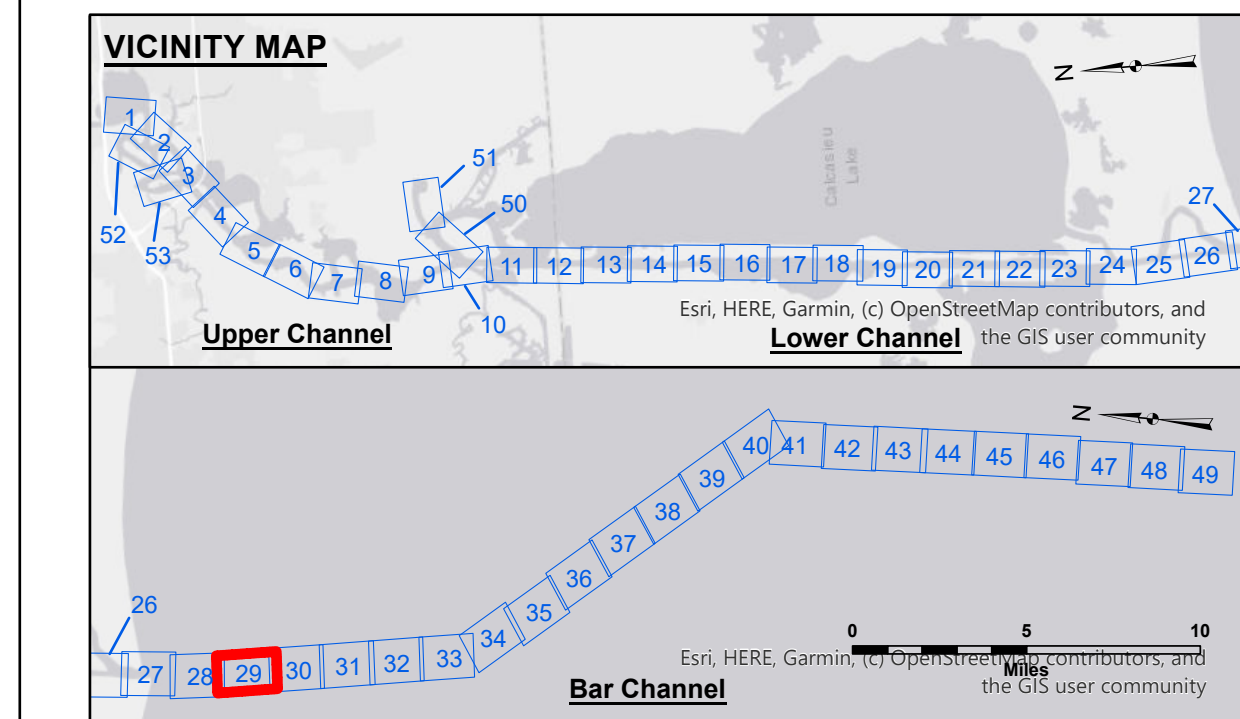
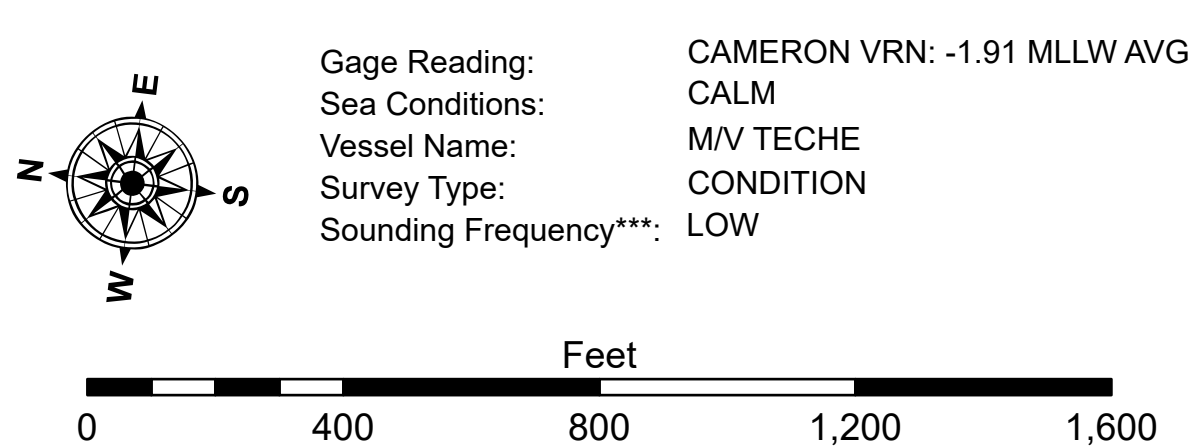




LEGEND

--- 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	★ Beacon, General	-26' to -33'
— Project Depth Contour	✈ Wrecks-Submerged	◆ Red Navigation Buoy	-33' to -39'
		◆ Green Navigation Buoy	-39' to -41'
			-41' to -43'
			-43' and below



NOTES#446,000

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' NAD83 (2008.55) = 1.3' MLLW = 2.3' MGLG or 0.0' MLLW = 1.0' MGLG

Distances on the Calcasieu River are shown at 1 mile intervals.

The location of navigation aids are base 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 bed
material. Low frequency accuracies may vary depending on channel conditions and bathymetric
settings.



**US Army Corps
of Engineers
District: CEMVN**

[illegible]

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted _____	Reviewed By: SP, JS _____
Recommended: Chief, Survey Section _____	Plotted By: BD _____
Approved: _____	Checked By: AO/JH _____

CALCASIEU SHIP CHANNEL
BAR SHEET 29
CR_29_BAR_20260202_CS
02 February 2026

Sheet
Reference
Number
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