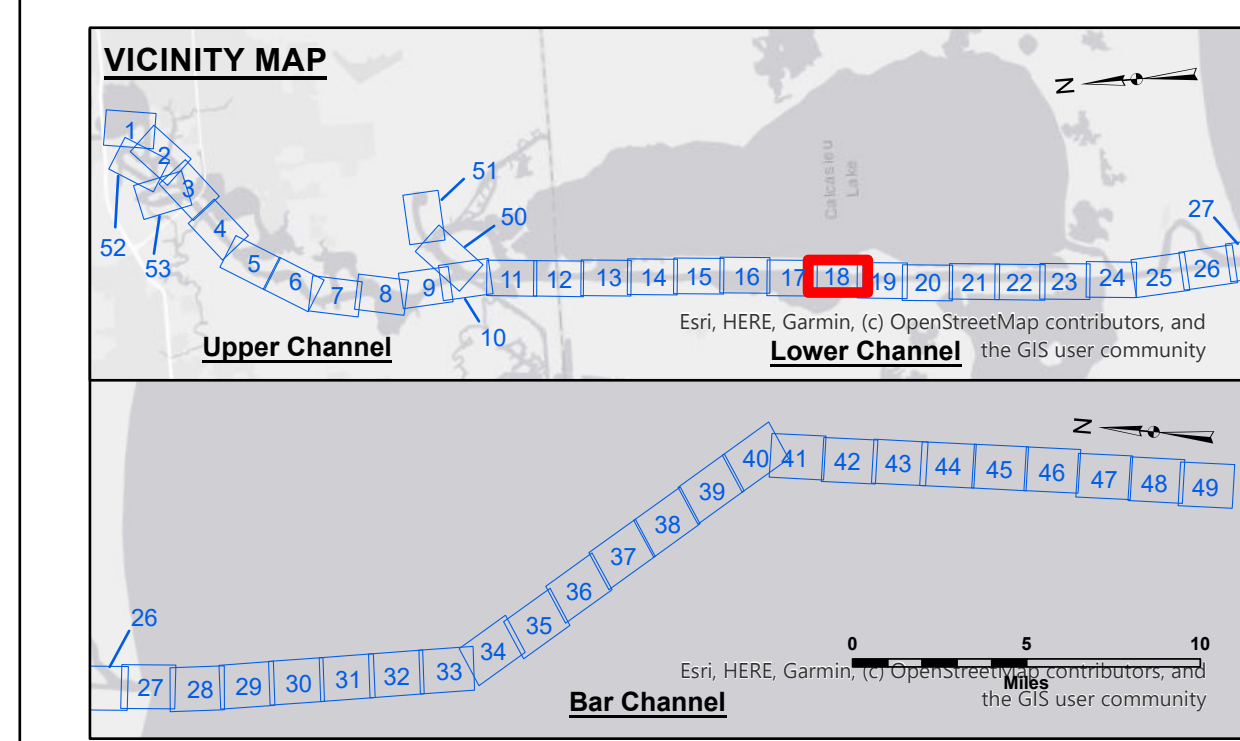
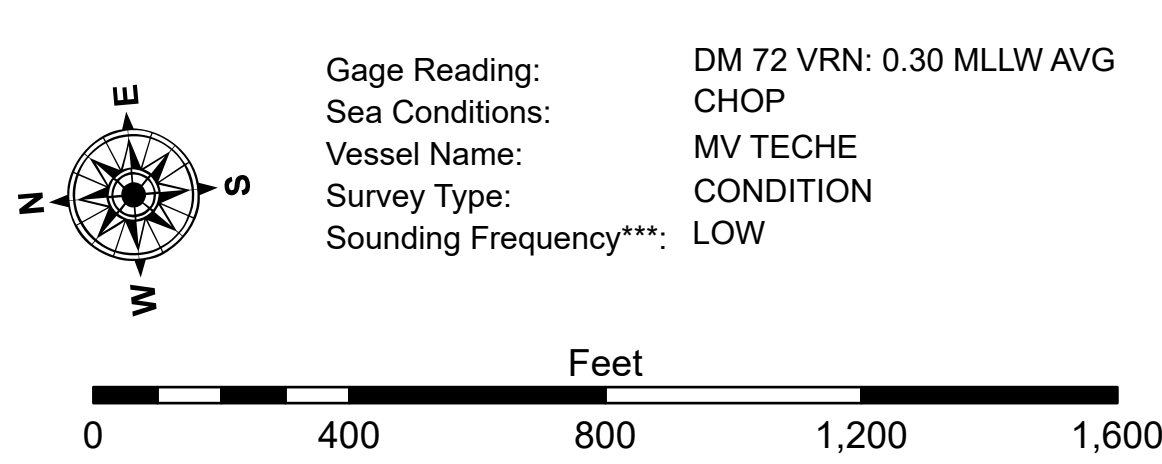




LEGEND					
 Federal Navigation Channel	 Cable Area	 Fluff Thickness (feet)*	 -16' and above		
 Federal Navigation Center Line	 Placement Area	 Shoalest Sounding**	 -16' to -21'		
 As-built Pipeline/Cable	 Anchorage Area	 Beacon, General	 -21' to -26'		
 Unconfirmed Pipeline/Cable	 Obstruction Point	 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: 324,000

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 (MLLV).
Datum Relationships for gage 73615 as of December 2013:
0.0' NAVD83 (2009.55) = 1.1' MLLW = 2.1' 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 based on and provided by the U.S. Coast Guard
and USACE survey crews.

2022 Aerial Photography data source: PAR LLC

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)
soundings normally penetrate 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: CEMVN**

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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		Surveyed By: SP/JS
Skimmed _____		Plotted By: JH
Recommended _____	Chief, Survey Section	
Approved: _____	Chief, Waterways Maintenance Section	Checked By: JH

CALCASIEU SHIP CHANNEL
LOWER SHEET 18
CR_18_LWR_20260223_CS
23 February 2026

**Sheet
Reference
Number**
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