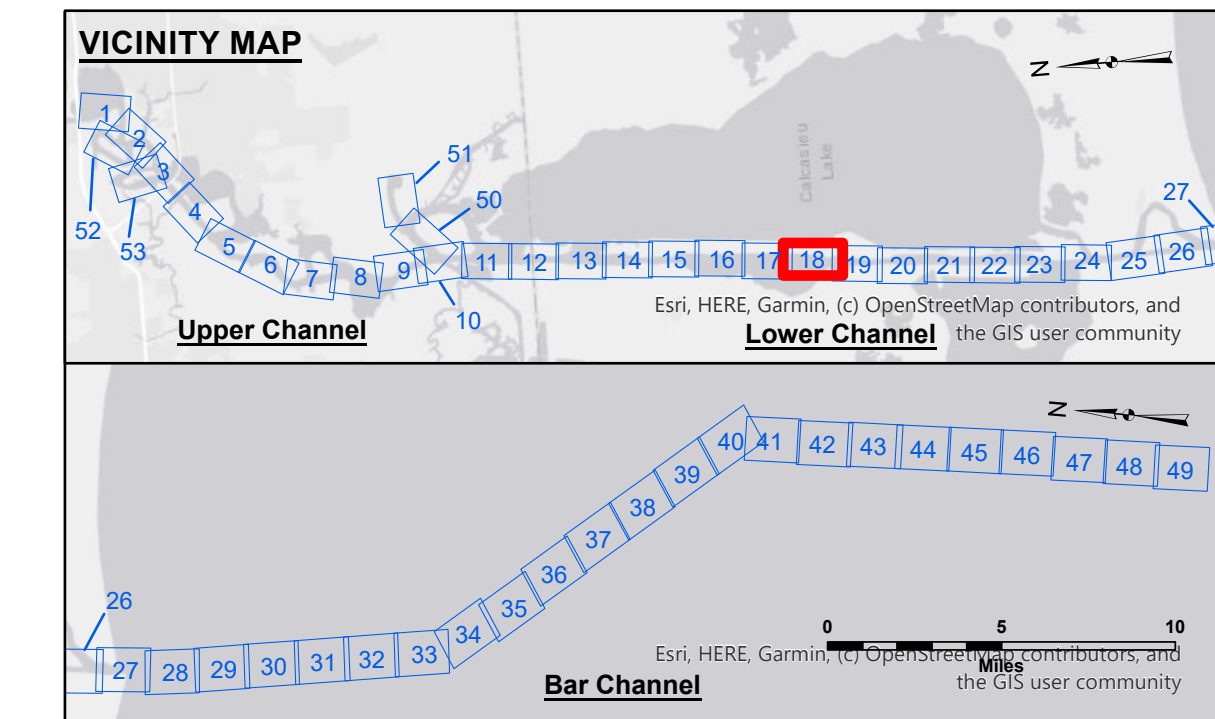
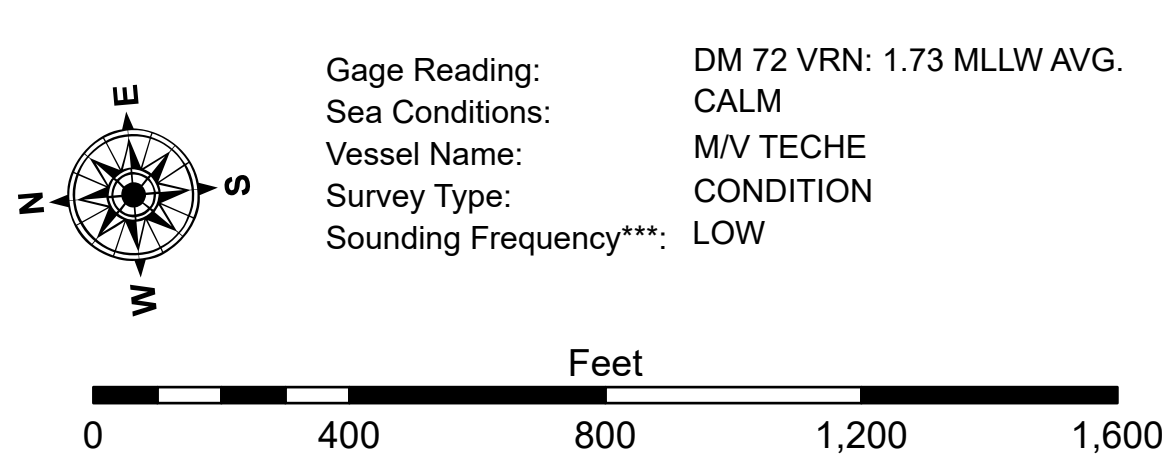




LEGEND							
---	Federal Navigation Channel	○ ○	Cable Area	3	Fluff Thickness (feet)*	■	-16' and above
—	Federal Navigation Center Line	□	Placement Area	●	Shoalest Sounding**	■	-16' to -21'
—	As-built Pipeline/Cable	□	Anchorage Area	★	Beacon, General	■	-21' to -26'
.....	Unconfirmed Pipeline/Cable	⊗	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: 524,000

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 73615 as of December 2013:
0.0' NAVD88 (2009.55) = 1.1' MLLW = 2.1' 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 base on and provided by the U.S. Coast Guard
and USACE survey crews.

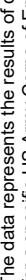
Aerial Photography data source: BUMP 2026 (DOQQ 1998 in transparent green)

Reference is N.O.A.A. Navigation Chart No. 11339.

* Difference between high and low frequency elevations were 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 the "fluff" layer to detect elevations of consolidated bottom
material. Low frequency accuracies may vary depending on channel conditions and bathymetric
settings.

<div><div>US Army Corps of Engineers District: CEMVN</div></div>	
<p>Disclaimer: The United States Government furnishes the data contained in this map as it is received from its sources. It makes no warranty, representation, or guarantee, expressed or implied, as to the accuracy, reliability, or suitability for any particular purpose of the information and the data furnished. The United States shall be liable for damages only to the extent that it may be determined that these data belong to the Government. Therefore the Government provides data. The recipient may not transfer these data to others without also transferring this Disclaimer.</p> <p>Notice: The hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activity and natural shoaling and scouring processes. The U.S. Army Corps of Engineers is responsible for the accuracy of the hydrographical conditions which develop after the date of the survey. The recipient should not rely solely upon the information. Prudent mariners should not rely solely upon it.</p>	
<div><div><div>U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT</div><div><div>Submitted: _____</div><div>Recommended: _____</div><div>Approved: _____</div></div><div><div>Surveyed By: SPJS</div><div>Plotted By: BD</div><div>Checked By: AOJH</div></div></div></div>	
<div><div><div>CALCASIEU SHIP CHANNEL LOWER SHEET 18</div><div>CR_18_LWR_20260713_CS 13 July 2026</div></div></div>	
<div><div><div>Sheet Reference Number</div><div>18 of 53</div></div></div>	