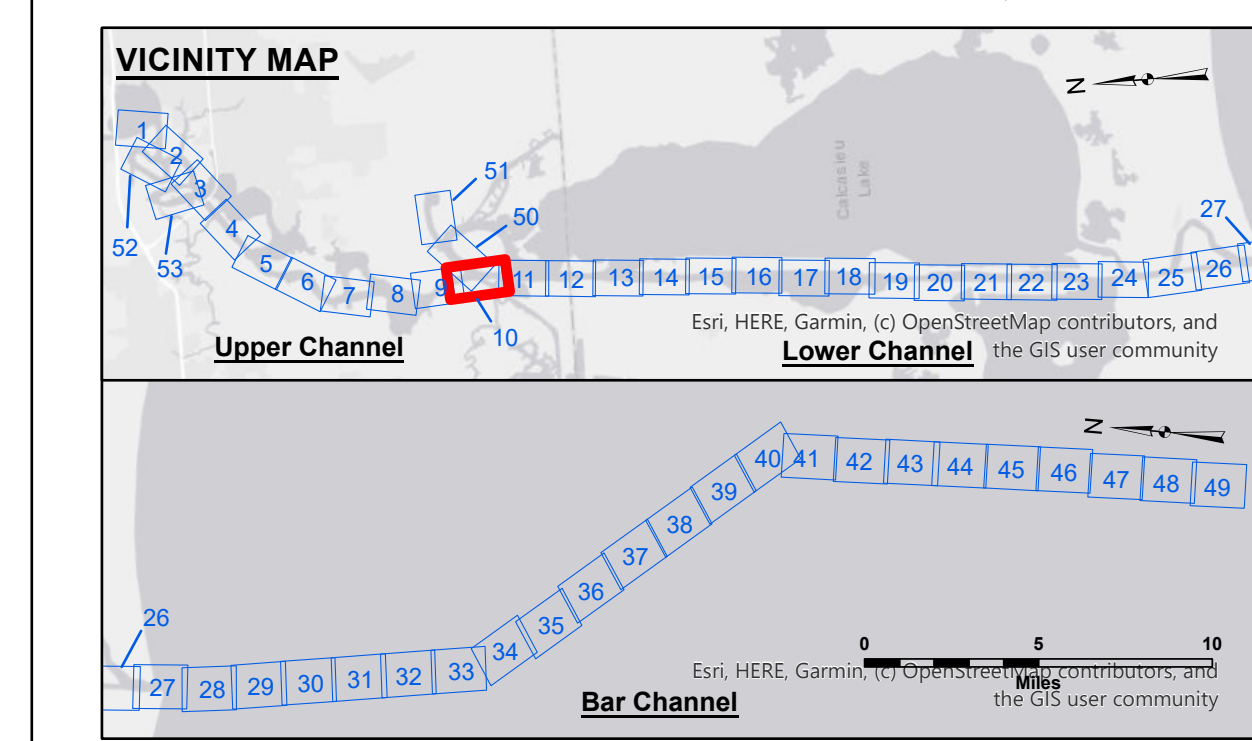
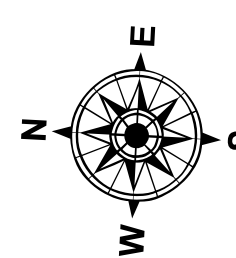




LEGEND								
---	Federal Navigation Channel		Cable Area	3	Fluff Thickness (feet)*		-16' and above	
—	Federal Navigation Center Line		Placement Area		Shoalest Sounding**		-16' to -21'	
—	As-built Pipeline/Cable		Anchorage Area		Beacon, General		-21' to -26'	
.....	Unconfirmed Pipeline/Cable		Obstruction 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	



Gage Reading: DM 86 VRN: 1.59 MLLW AVG.
Sea Conditions: CALM
Vessel Name: M/V TECHE
Survey Type: CONDITION
Sounding Frequency***: LOW

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 73585 as of December 2013:
0.0' NAVD83 (OPUS 2013) = 0.8' MLLW 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.

2022 Aerial Photography data source: PAR LLC

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 bottom material. Low frequency accuracies may vary depending on channel conditions and bathymetry settings.



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

[illegible]

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		Surveyed By: <u>SP:JS</u>
Submitted: _____	Plotted By: <u>BD</u>	
Recommended: _____	Checked By: <u>AOJ/H</u>	
Approved: _____	Chief, Waterways Maintenance Section	

CALCASIEU SHIP CHANNEL
UPPER SHEET 10
CR_10_UPR_20260219_CS
19 February 2026

Sheet
Reference
Number
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