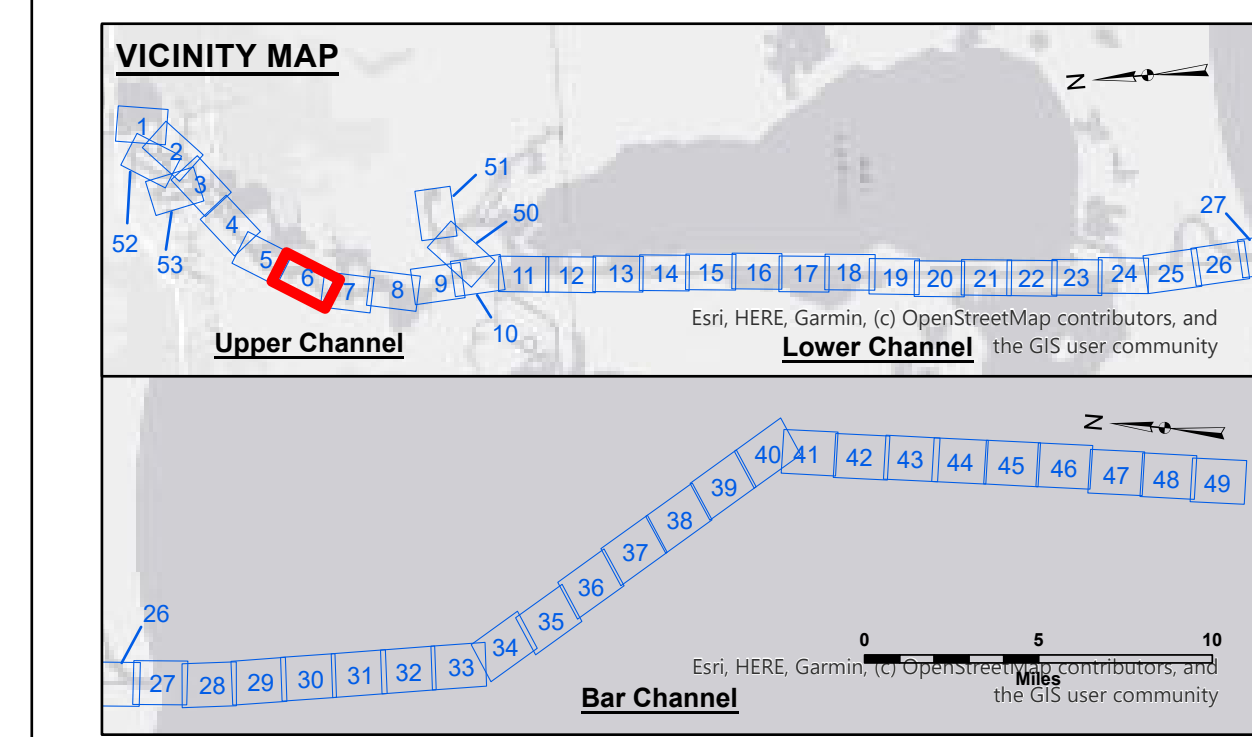
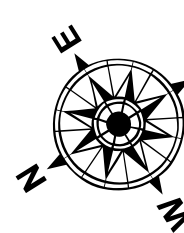




LEGEND			
Federal Navigation Channel	Cable Area	3 Fluff Thickness (feet)*	-16' and above
Federal Navigation Center Line	Placement Area	Shoalest Sounding**	-16' to -21'
As-built Pipeline/Cable	Anchorage Area	Beacon, General	-21' to -26'
Unconfirmed Pipeline/Cable	Obstruction Point	Red Navigation Buoy	-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 114 VRN: 1.39 MLLW AVG.
Sea Conditions: CALM
Vessel Name: M/V TECHE
Survey Type: CONDITION
Sounding Frequency***: LOW

NOTES: **608,000**

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 gate 73565 as of December 2013:
0.0' NAVD88 (OPUS 2013) = 0.6' MLLW = 1.6' 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.

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) survey data normally penetrates through the "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	
Submitted _____	Reviewed By: SP, JS _____
Recommended: Chief, Survey Section _____	Plotted By: BD _____
Approved: Chief, Waterways Maintenance Section _____	Checked By: AO/JH _____

CALCASIEU SHIP CHANNEL
UPPER SHEET 6
CR_06_UPR_20250821_CS
21 August 2025

Sheet
Reference
Number
6 of 53