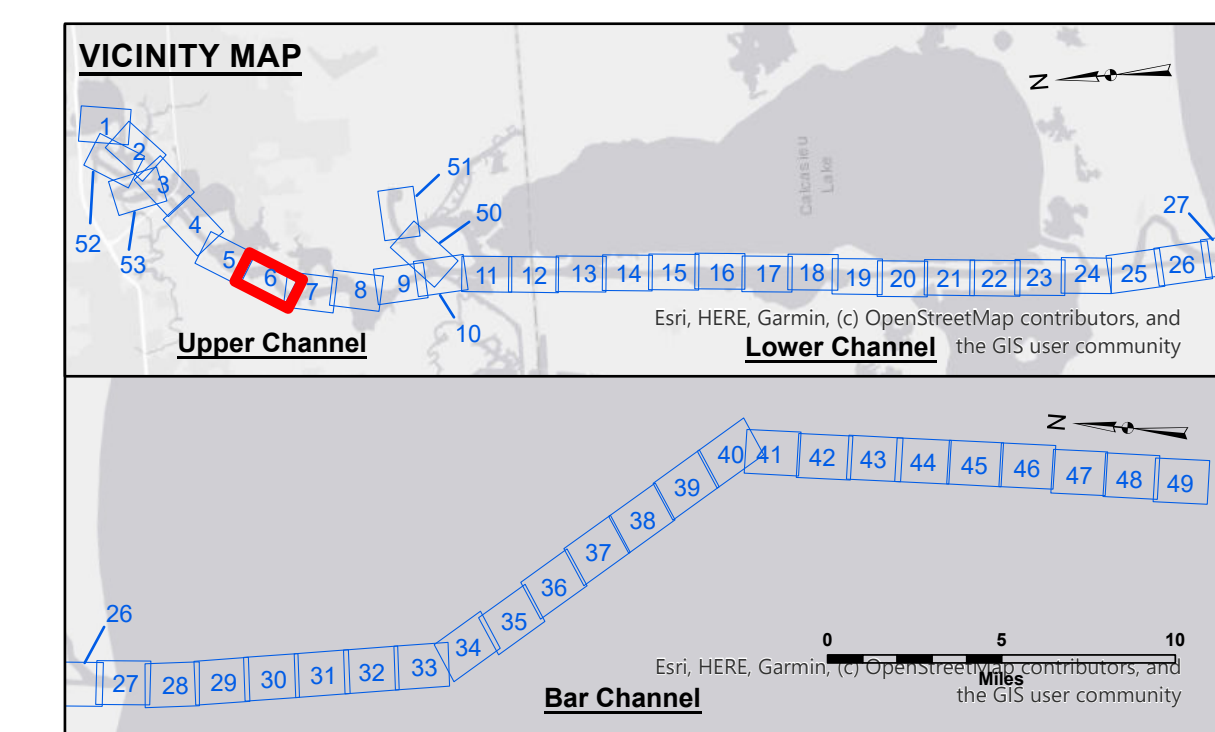
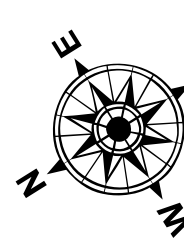
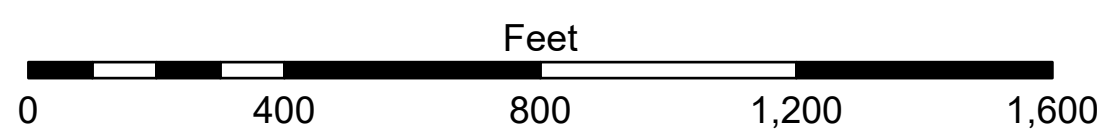




LEGEND					
 Federal Navigation Channel	 Cable Area	 Fluff Thickness (feet)*		-16' and above	
 Federal Navigation Center Line	 Placement Area	 Shoalest Sounding**		-16' to -21'	
 As-built Pipeline/Cable	 Anchorage Area	 Beacon, General		-21' to -26'	
 Unconfirmed Pipeline/Cable	 Obstruction Point	 Red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



Gage Reading: DM#114 VRN: 0.20 MLLW AVG
Sea Conditions: CALM
Vessel Name: MV TECHE
Survey Type: CONDITION
Sounding Frequency***: LOW



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 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 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 _____
Submitted: _____		
Recommended: Chief, Survey Section	_____	Plotted By: JH _____
Approved: _____	Chief, Waterways Maintenance Section	Checked By: JH _____

CALCASIEU SHIP CHANNEL
UPPER SHEET 6
CR_06_UPR_20251104_CS
04 November 2025

Sheet
Reference
Number
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Revision Number:
5.25.08.04, 5.25.08.04