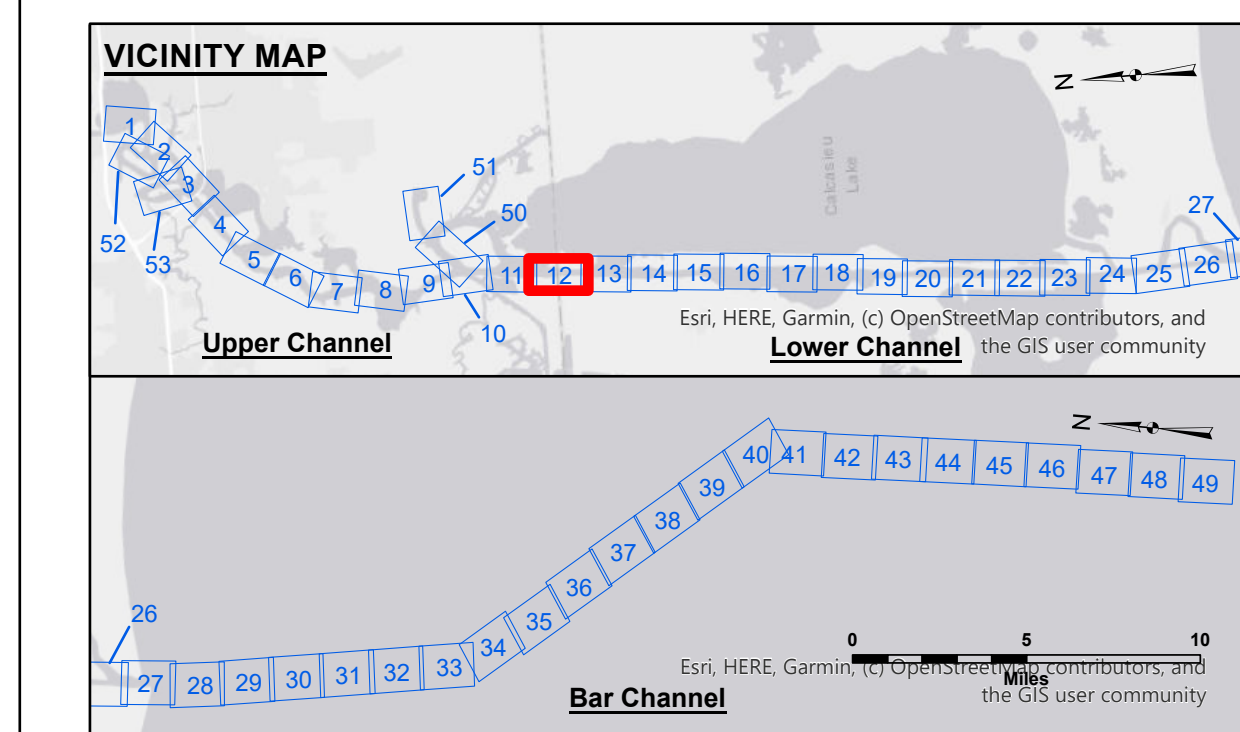
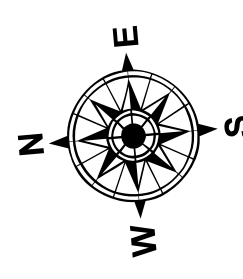




LEGEND							
 Federal Navigation Channel	 Cable Area	 Fluff Thickness (feet)*				-16' and above	
 Federal Navigation Center Line	 Placement Area	 Shoalest Sounding**				-16' to -21'	
 As-built Pipeline/Cable	 Anchorage Area	 Beacon, General				-21' to -26'	
 Unconfirmed Pipeline/Cable	 Obstruction Point	 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 86 VRS: -0.24 MLLW AVG.
Sea Conditions: CALM
Vessel Name: M/V TECHE
Survey Type: CONDITION
Sounding Frequency***: LOW

NOTES: 956,000

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 73595 as of December 2013:
0.0' NAVD83 (OPUS 2013) = 0.9' MLLW = 1.9' MCG 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 bathymetric settings.



Data Constraints: 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 (ACE) is responsible for the collection, processing, and distribution of this data. The data is only valid for its intended use, content, time, and accuracy specifications. The user is responsible for the results and any of the application of the data for other than its intended purpose.

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The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		Surveyed By: SPJS _____
Submitted: _____		
Recommended: Chief, Survey Section	_____	Plotted By: BD _____
Approved: _____	Chief, Waterways Maintenance Section	Checked By: AOJH _____

CALCASIEU SHIP CHANNEL
LOWER SHEET 12
CR_12_LWR_20260205_CS
05 February 2026

Sheet
Reference
Number
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