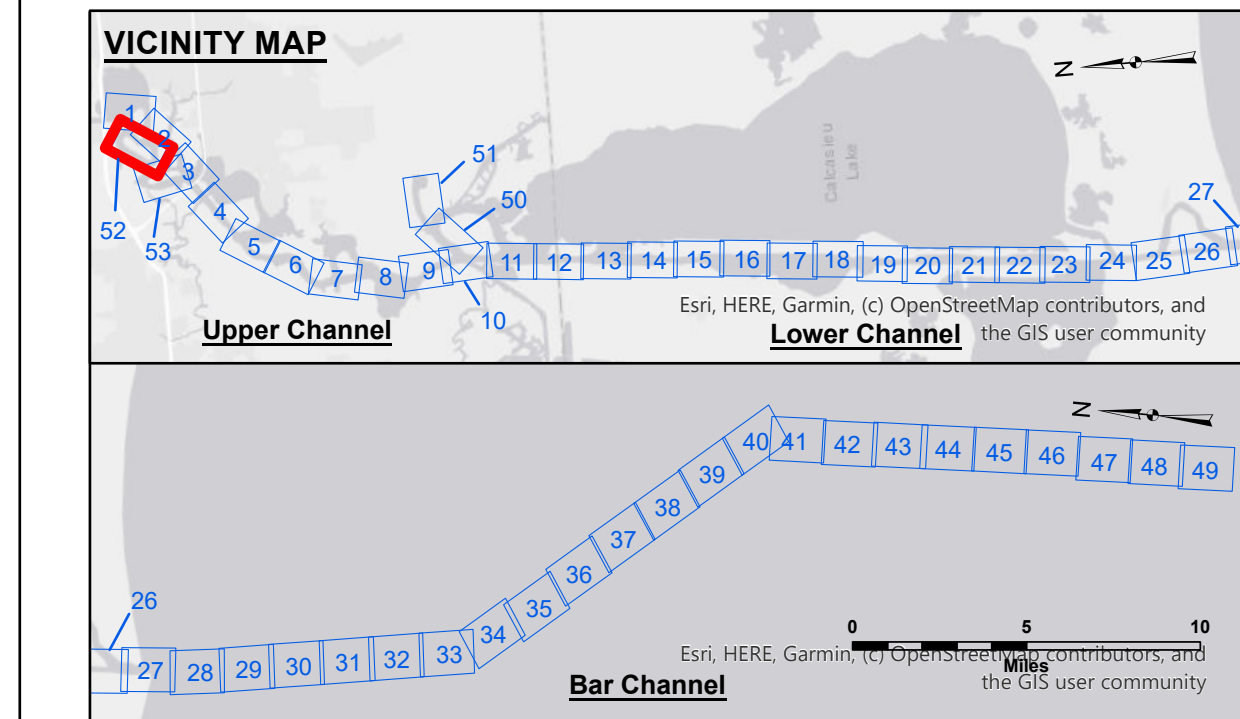
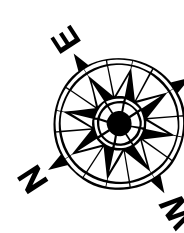


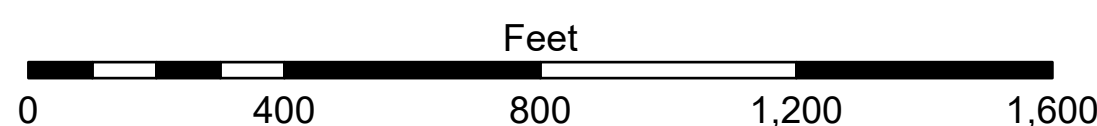


LEGEND							
	Federal Navigation Channel		Cable Area		Fluff Thickness (feet)*		-16' and above
	Federal Navigation Center Line		Placement Area		Shoalest Sounding**		-16' to -21'
	As-built Pipeline/Cable		Anchorage Area		Beacon, General		-21' to -26'
	Unconfirmed Pipeline/Cable		Obstruction Point		Red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

DM 119 VRN: 1.61 MLLW AVG.
CALM
M/V TECHE
CONDITION
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 73550 as of December 2013:
 0.0' NAVD88 (OPUS 2010) = 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.



Distribution Usability. The data represents the results of data collection and analysis, and is not intended to be used for any activity and/or indicating the physical working conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of the data for other than its intended purpose.

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U.S. ARMY CORPS OF ENGINEERS		Reviewed By: SP, US
Submitted: _____		Plotted By: BD
Recommended: Chief Survey Section		Checked By: AOJH
Approved: Chief Waterways Maintenance Section		

CALCASIEU SHIP CHANNEL
CLOONEY ISLAND
CR_52_CLI_20251016_CS
16 October 2025

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Reference
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5.25.08.04 5.25.08.04