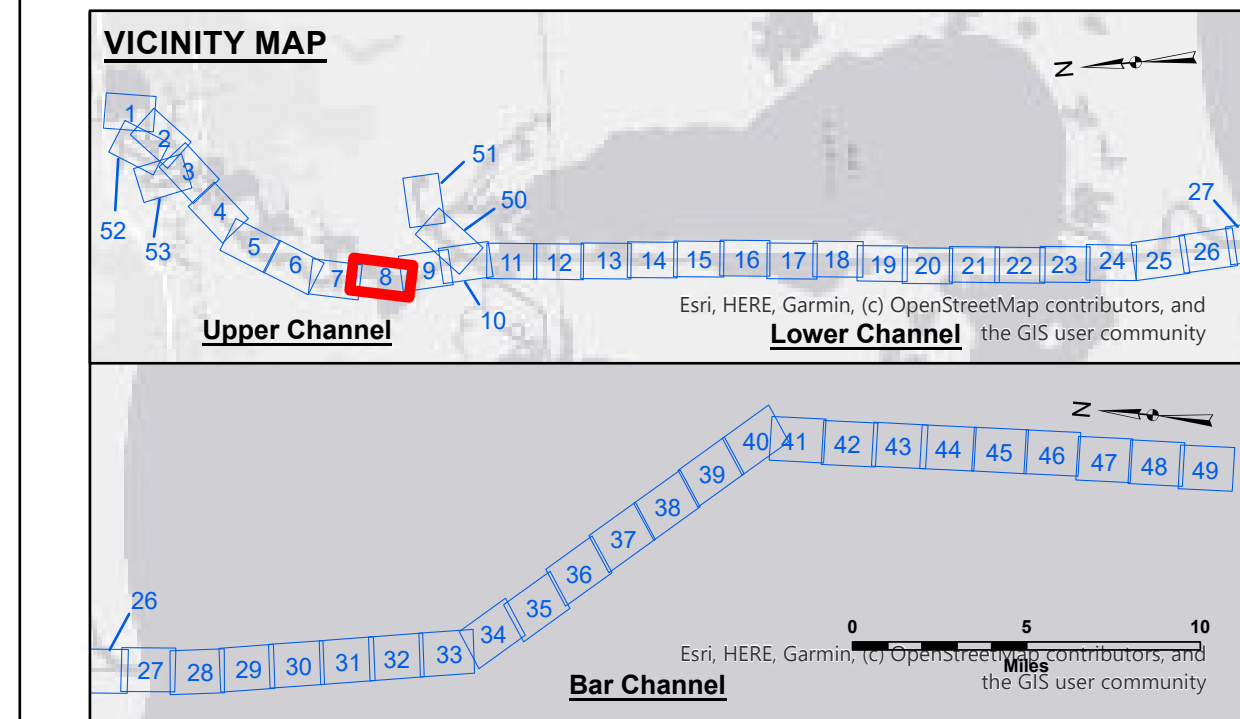
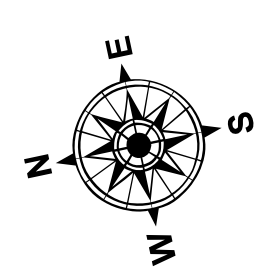
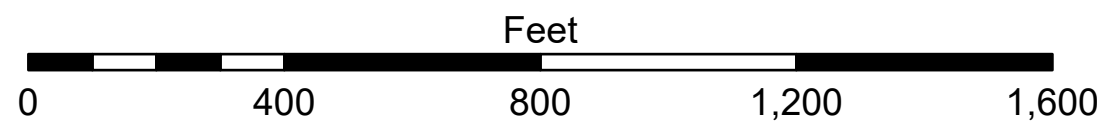




LEGEND							
	Federal Navigation Channel		Cable Area		Fluff Thickness (feet)*		-16' and above
	Federal Navigation Center Line		Placement Area		Shoalest Sounding**		-16' to -21'
	As-built Pipeline/Cable		Anchorage Area		Beacon, General		-21' to -26'
	Unconfirmed Pipeline/Cable		Obstruction Point		Red 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 102 VRN: 1.90 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 73575 as of December 2013:
 0.0' NAVD88 (OPUS 2013) = 0.8' MLLW = 1.8' 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**

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 accepts responsibility for the data integrity of its hydrographic surveys. This data is intended for publication. This data is intended for U.S. Army Corps of Engineers use.

DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the understanding that the US Government makes no warranties, representations, or assurances, either expressed or implied, regarding the reliability, usability or suitability for any particular purpose of the information and data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer. The information depicted on this map represents the results of a

U.S. ARMED FORCES POLICE ENGINEERS	
Submitted: _____	Surveyed By: SP JS _____
Recommended: Chief, Survey Section _____	Plotted By: JH _____
Approved: _____	Checked By: JH _____

CALCASIEU SHIP CHANNEL
UPPER SHEET 8
CR_08_UPR_20250721_CS
21 July 2025

Sheet
Reference
Number
8 of 53

Revision Number:
5.25.04.03-5.25.04.03