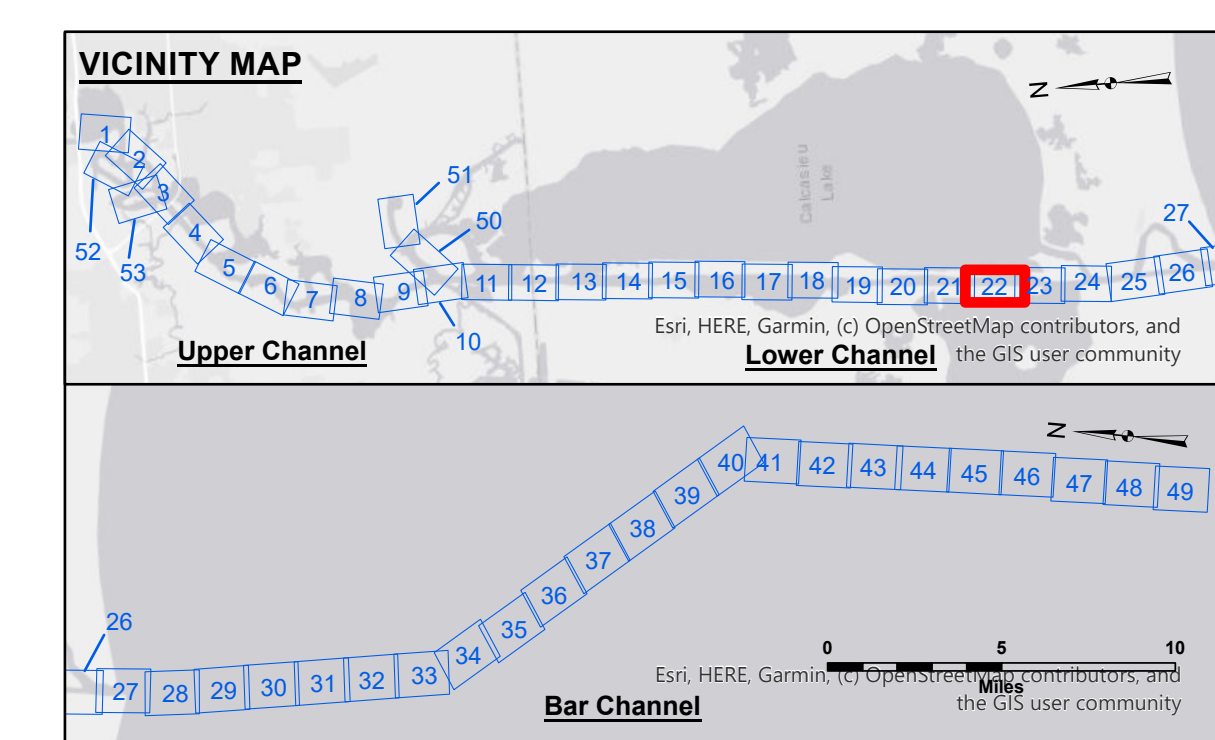
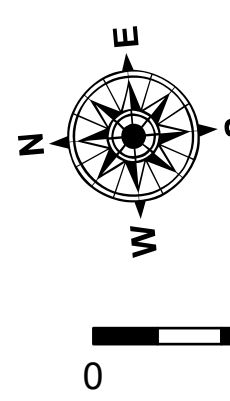




LEGEND			
 Federal Navigation Channel	 Cable Area	 Borrow Area	 -16' and above
 Federal Navigation Center Line	 Placement Area	 Shoalest Sounding**	 -16' to -21'
 As-built Pipeline/Cable	 Anchorage Area	 Beacon, General	 -21' to -26'
 Unconfirmed Pipeline/Cable	 Obstruction Point	 -26' to -33'	 -33' to -39'
 Project Depth Contour	 Wrecks-Submerged	 Red Navigation Buoy	 -39' to -41'
		 Green Navigation Buoy	 -41' to -43'
			 -43' and below



Gage Reading: DM 57 VRN: 1.65 MLLW AVG.
Sea Conditions: CHOPPY
Vessel Name: M/V TECHE
Survey Type: CONDITION
Sounding Frequency***: LOW

NOTES: **497,000**

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 73625 as of December 2013:
0.0' NAVD83 (2009.55) = 1.2' MLLW = 2.2' 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 based 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 detect elevations of consolidated bottom
material. Low frequency accuracies may vary depending on channel conditions and fathometer
settings.

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

CALCASIEU SHIP CHANNEL
 LOWER SHEET 22
 CR_22_LWR_20250417_CS
 17 April 2025

Sheet
Reference
Number
22 of 53

Revision Number:
5.25.04.03-5.25.04.03



**US Army Corps
of Engineers
District: CEMVN**

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Data Constraints: Hydrographic survey data is subject to change rapidly due to natural factors including but not limited to dredging activity and general shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of the survey. The Corps does not accept responsibility for engineering internal use. Prudent mariners should not rely solely upon it.