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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 seasonal shoaling and scouring processes. The U.S. Army Corps of Engineers accepts no responsibility for changes in published data. This data is intended for U.S. Army Corps of Engineers publication. Engineer malfunctions should not rely solely upon it.

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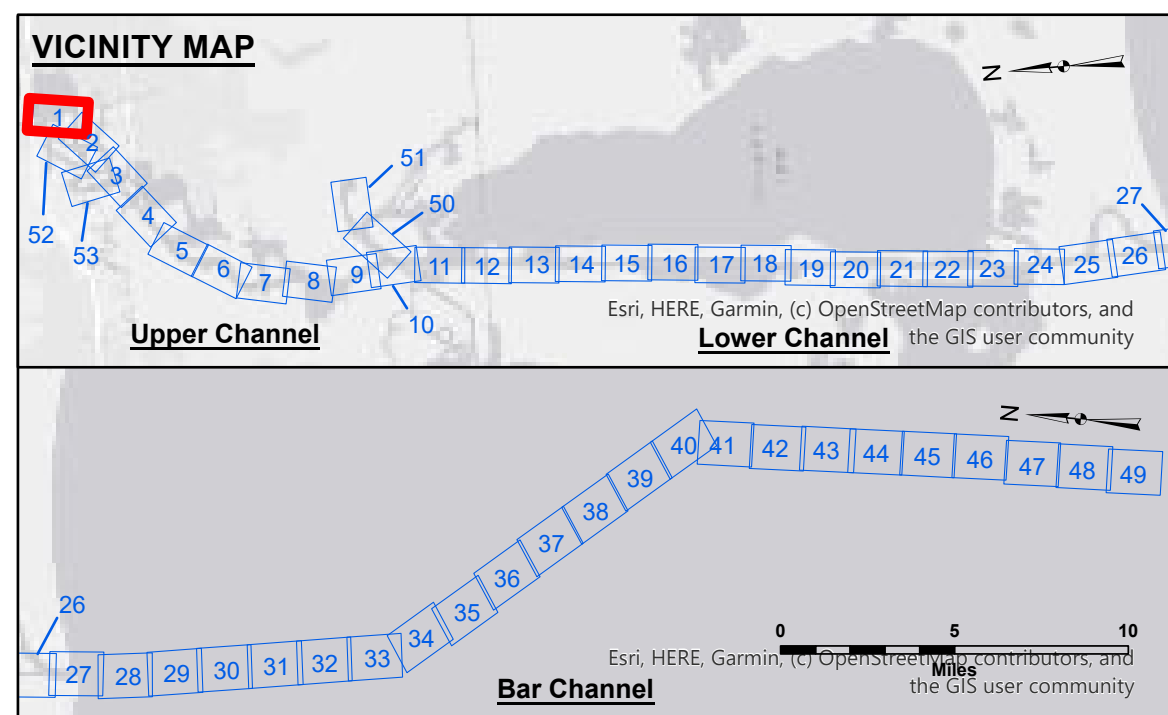
The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

U.S. ARMY ENGINEERING ENGINEERS	
Submitted: _____	Sawney By: SP, JS
Recommended: Chief, Survey Section _____	Picked By: JH
Approved: Chief, Waterways Maintenance Section _____	Checked By: JH

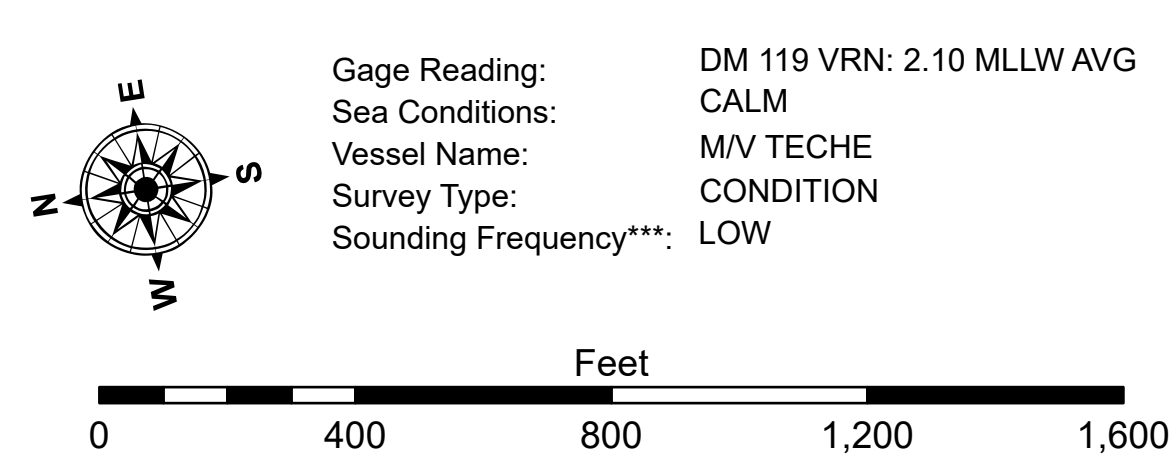
CALCASIEU SHIP CHANNEL
UPPER SHEET 1
CR_01_UPR_20250507_CS
07 May 2025

**Sheet
Reference
Number**
1 of 53

Revision Number:
5.25.04.03-5.25.04.03



- | 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 -28' |
|  | Project Depth Contour |  | Wrecks-Submerged |  | Green Navigation Buoy |  | -28' to -34' |
| | | | | | |  | -34' to -36' |
| | | | | | |  | -36' to -38' |
| | | | | | |  | -38' and below |



NOTES: 629,000

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 given in feet and indicate depths below Mean Lower Low Water (MLLW).
Datum Relationships for gage 73550 as of December 2013:
0.0' NAVD83 (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 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 that were 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 bathymeter