

**DISCLAIMER**  
 The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers. The user of this information is responsible for its accuracy, reliability, and suitability for any particular purpose. The user of this information is not to be held responsible for any errors or omissions in the data. The user of this information is not to be held responsible for any damage or injury resulting from the use of this information. The user of this information is not to be held responsible for any changes in the data. The user of this information is not to be held responsible for any changes in the data. The user of this information is not to be held responsible for any changes in the data.

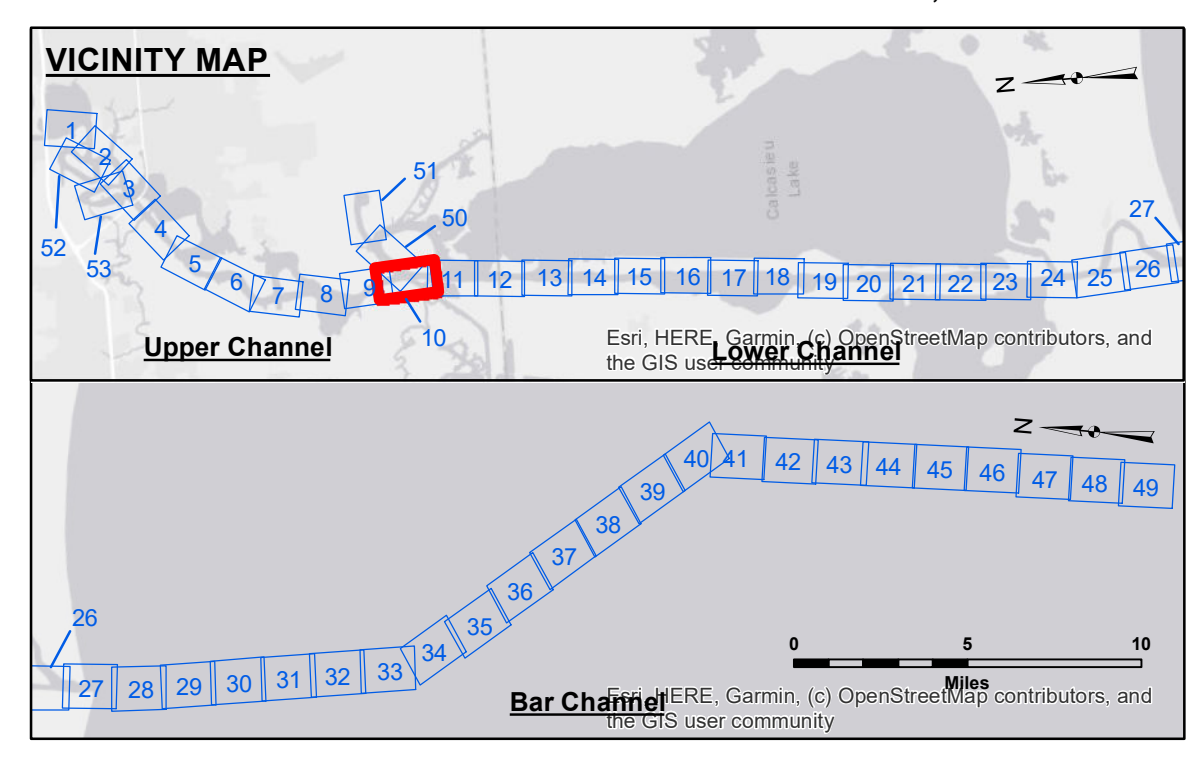
**NOTES:**  
 Horizontal Coordinate System: North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.  
 Vertical Datum: Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). Datum Relationships for gage 73585 as of December 2013: 0.0' NAVD83 (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 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. 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.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Surveyed By: SP-JS
Recommended:	Plotted By: BD
Approved:	Checked By: AD/JH

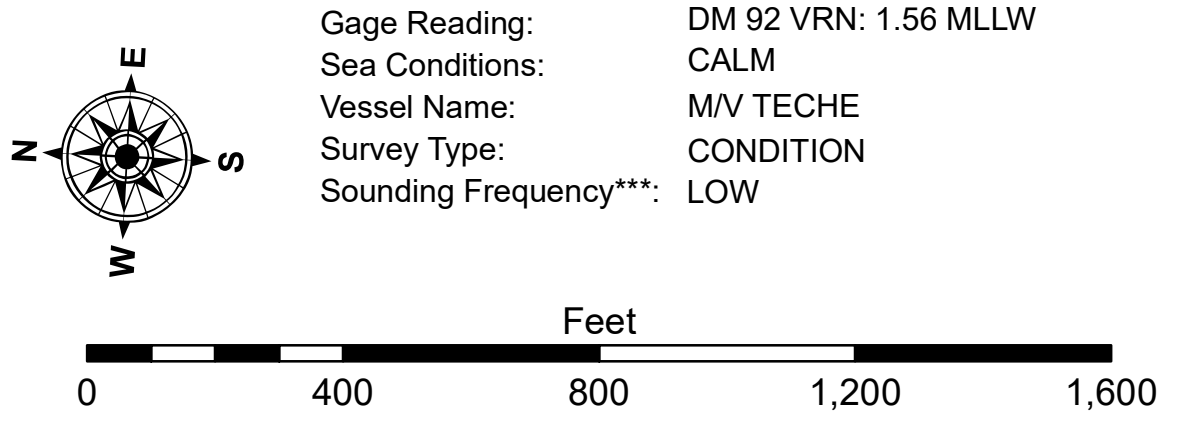
**CALCASIEU SHIP CHANNEL  
 UPPER SHEET 10  
 CR\_10\_UPR\_20240826\_CS  
 26 August 2024**

**Sheet Reference Number  
 10 of 53**

Revision Number:  
 4-2-2024(04/24)



LEGEND	
--- Federal Navigation Channel	○ Cable Area
— Federal Navigation Center Line	□ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	⊙ Wrecks-Submerged
3 Fluff Thickness (feet)*	★ Beacon, General
● Shoalest Sounding**	◆ Red Navigation Buoy
○ -16' and above	◆ Green Navigation Buoy
○ -16' to -21'	
○ -21' to -26'	
○ -26' to -33'	
○ -33' to -39'	
○ -39' to -41'	
○ -41' to -43'	
○ -43' and below	



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