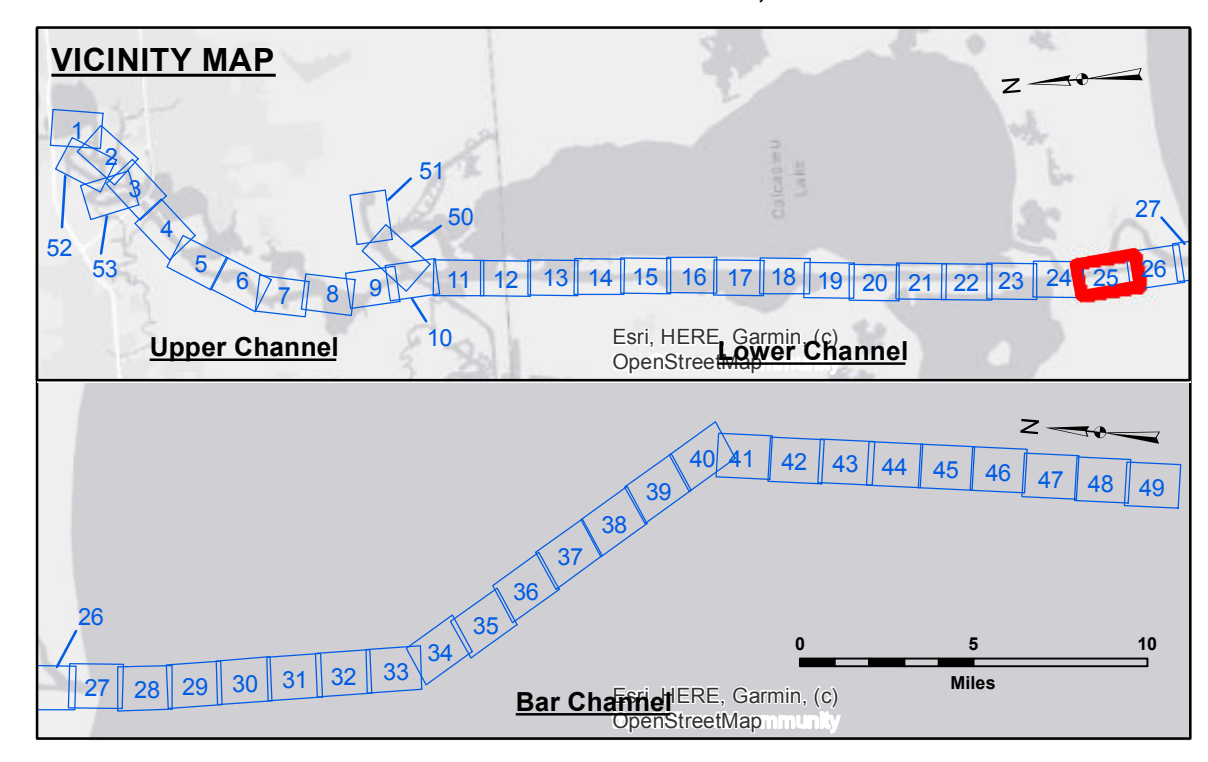


**DISTRIBUTION LIABILITY:** The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy. The user is responsible for the results. Application of the data for other than its intended purpose. Data Constants: Hydrographic survey data is subject to change due to several factors including but not limited to changing hydrographic conditions which develop after the date of the survey. The information depicted on this map represents the results of a survey conducted under the authority of the US Army Corps of Engineers. Product maintainers should not rely upon it.

**ACCESS:** The United States Government furnishes this data and the recipient accepts and uses them with the express understanding that it is not to be distributed, reproduced, or otherwise used, in whole or in part, for any purpose other than that for which it was originally intended. The recipient may not transfer these data to others without also transmitting the Disclaimer. The information depicted on this map represents the results of a survey conducted under the authority of the US Army Corps of Engineers. Product maintainers should not rely upon it.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted: RYLAND/ADAMS	Surveyed By: RYLAND/ADAMS
Recommended: Chief, Survey Section	Plotted By: AO
Approved: Chief, Waterways Maintenance Section	Checked By: AO

**CALCASIEU SHIP CHANNEL  
GAP SHEET 25  
CR\_25\_GAP\_20211007\_CS  
07 October 2021**



**LEGEND**

- - - Federal Navigation Channel	○ Cable Area	3 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

**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 73650 as of December 2013: 0.0' NAVD83 (2009.55) = 1.3' MLLW = 2.3' 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.

2015 Aerial Photography data source: NAIP  
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.

Gage Reading: CAMERON: 2.3 MLLW AVG  
Sea Conditions: CALM  
Vessel Name: M/V VALENTOUR  
Survey Type: CONDITION  
Sounding Frequency\*\*\*: LOW

**Sheet Reference Number  
25 of 53**

Revision Number:  
4.2-20210420