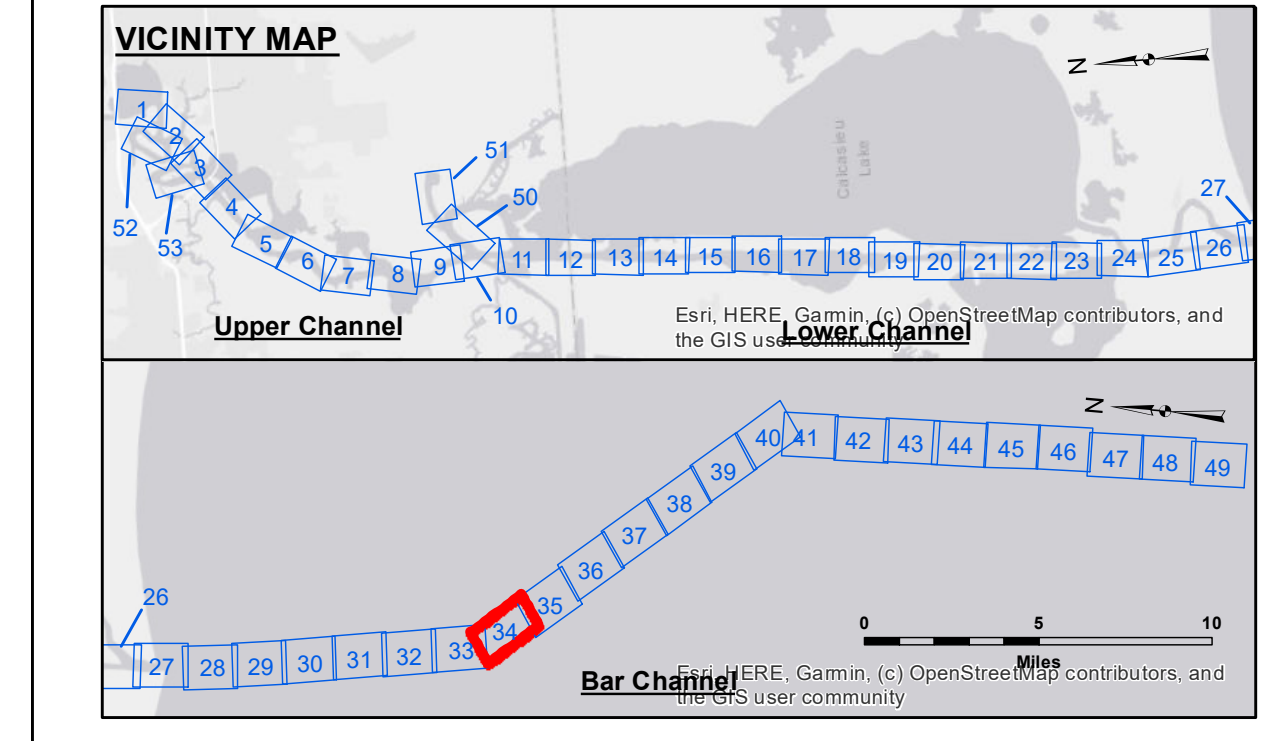


DISCLAIMER: The information on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The information is provided for informational purposes only and does not constitute a warranty of accuracy or completeness. The user is responsible for the accuracy, completeness, and reliability of the information for their intended use. The user is advised to consult the appropriate technical specifications and standards for the use of the information. The information on this map is provided as a service and does not constitute a warranty of accuracy or completeness. The user is responsible for the accuracy, completeness, and reliability of the information for their intended use. The user is advised to consult the appropriate technical specifications and standards for the use of the information. The information on this map is provided as a service and does not constitute a warranty of accuracy or completeness. The user is responsible for the accuracy, completeness, and reliability of the information for their intended use. The user is advised to consult the appropriate technical specifications and standards for the use of the information.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: SP-JS	Plotted By: BD
Recommended:	Checked By: AOJH	
Chief, Survey Section	Chief, Waterways Maintenance Section	

**CALCASIEU SHIP CHANNEL
BAR SHEET 34
CR_34_BAR_20241021_CS
21 October 2024**

**Sheet
Reference
Number
34 of 53**



LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- As-built Pipeline/Cable
- Unconfirmed Pipeline/Cable
- Project Depth Contour
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Fluff Thickness (feet)*
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Color Scale for Depth:

- 16' and above
- 16' to -21'
- 21' to -26'
- 26' to -33'
- 33' to -39'
- 39' to -41'
- 41' to -43'
- 43' and below

GAGE READING: CAMERON VRN: 0.33 MLLW AVG.
SEA CONDITIONS: CHOPPY
VESSEL NAME: MV 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 73650 as of December 2013: 0.0' NAVD88 (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 based 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.

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