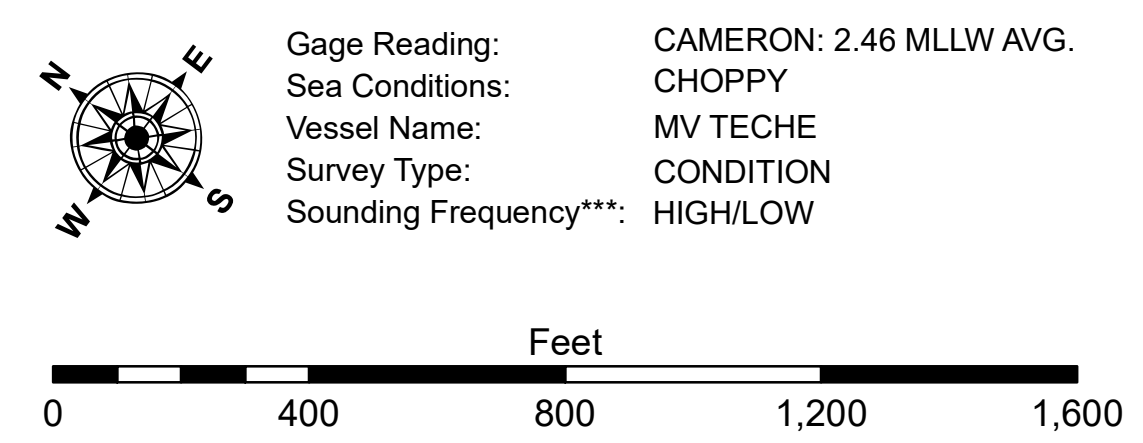


| LEGEND | |
|----------------------------------|-------------------------|
| --- Federal Navigation Channel | ● Cable Area |
| — Federal Navigation Center Line | □ Placement Area |
| — As-built Pipeline/Cable | ⊗ Anchorage Area |
| Unconfirmed Pipeline/Cable | ⊗ Obstruction Point |
| — Project Depth Contour | ⊗ Wrecks-Submerged |
| 3 Fluff Thickness (feet)* | ★ Beacon, General |
| ● Shoalest Sounding** | ◆ Red Navigation Buoy |
| ★ Beacon, General | ◆ Green Navigation Buoy |



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.



US Army Corps of Engineers District: CEMV

The data represented on this map was derived from the following sources: 1. Hydrographic Survey Data collected by the U.S. Army Corps of Engineers, District of Central and Eastern Louisiana, New Orleans District. 2. Hydrographic Survey Data collected by the U.S. Army Corps of Engineers, District of Central and Eastern Louisiana, New Orleans District. 3. Hydrographic Survey Data collected by the U.S. Army Corps of Engineers, District of Central and Eastern Louisiana, New Orleans District. 4. Hydrographic Survey Data collected by the U.S. Army Corps of Engineers, District of Central and Eastern Louisiana, New Orleans District. 5. Hydrographic Survey Data collected by the U.S. Army Corps of Engineers, District of Central and Eastern Louisiana, New Orleans District. 6. Hydrographic Survey Data collected by the U.S. Army Corps of Engineers, District of Central and Eastern Louisiana, New Orleans District. 7. Hydrographic Survey Data collected by the U.S. Army Corps of Engineers, District of Central and Eastern Louisiana, New Orleans District. 8. Hydrographic Survey Data collected by the U.S. Army Corps of Engineers, District of Central and Eastern Louisiana, New Orleans District. 9. Hydrographic Survey Data collected by the U.S. Army Corps of Engineers, District of Central and Eastern Louisiana, New Orleans District. 10. Hydrographic Survey Data collected by the U.S. Army Corps of Engineers, District of Central and Eastern Louisiana, New Orleans District.

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

CALCASIEU SHIP CHANNEL
BAR SHEET 35
CR_35_BAR_20240528_CS
28 May 2024

Sheet Reference Number
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