



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
- Borrow Area
- Shoalest Sounding**
- ☆ Beacon, General
- ◆ Red Navigation Buoy
- ◆ Green Navigation Buoy
- -15' and above
- -15' to -20'
- -20' to -25'
- -25' to -32'
- -32' to -38'
- -38' to -40'
- -40' to -42'
- -42' and below

Gage Reading: CAMERON: 2.57 MLG
 Sea Conditions: CALM
 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 Low Gulf Datum (MLG). 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.
 2010 Aerial Photography data source: NAIP
 Reference is N.O.A. Navigation Chart No. 11339.
 ** 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.



DISCLAIMER
 Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are provided "as is" without warranty of fitness for a particular purpose, and that the user is responsible for the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data. These data are provided under no liability whatsoever to any person by reason of any use made of them. These data are not to be used for any purpose other than that for which they were provided. The recipient may not transfer these data to others without also transferring this disclaimer. The information depicted on this map represents the results of a hydrographic survey conducted by the United States Army Corps of Engineers and is not intended to be used for navigation. The user is advised to consult the latest edition of the Hydrographic Survey Manual, HPM 1-1, for information on the proper use of hydrographic survey data. The user is advised to consult the Hydrographic Survey Manual, HPM 1-1, for information on the proper use of hydrographic survey data. The user is advised to consult the Hydrographic Survey Manual, HPM 1-1, for information on the proper use of hydrographic survey data.

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U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT
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**CALCASIEU SHIP CHANNEL
 BAR SHEET 32
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