



LEGEND

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|----------------------------------|---------------------|---------------------------|------------------|
| --- 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 |

Gage Reading: CAMERON: 2.25 MLLW
 2-3'
 Sea Conditions: MV TECHE
 Vessel Name: CONDITION
 Survey Type:
 Sounding Frequency***: LOW

Vertical Datum:
 Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW).
 Datum Relationships for page 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. 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.



Disclaimer: The United States Government furnishes this data for informational purposes only. It is not intended to be used for any other purpose. The user assumes all liability for any use of this data. The user is responsible for the accuracy, reliability, and availability of the data for any particular purpose. The user is responsible for the accuracy, reliability, and availability of the data for any particular purpose. The user is responsible for the accuracy, reliability, and availability of the data for any particular purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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| Submitted: | SR, JH |
| Recommended: | BD |
| Checked By: | AO |
| Chief, Survey Section | |
| Chief, Waterways Maintenance Section | |

CALCASIEU SHIP CHANNEL
BAR SHEET 36
CR_36_BARX_20171114_CS
14 November 2017

Sheet Reference Number
36 of 53

Revision Number:
 1:2-2016011