



LEGEND

--- Federal Navigation Channel	● Cable Area	3 Fluff Thickness (feet)*	■ -16' to -21'
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -21' to -26'
— As-built Pipeline/Cable	⊗ Anchorage Area	★ Beacon, General	■ -26' to -33'
--- Unconfirmed Pipeline/Cable	⊗ Obstruction Point	★ Red Navigation Buoy	■ -33' to -39'
— Project Depth Contour	⊗ Wrecks-Submerged	★ Green Navigation Buoy	■ -39' to -41'
			■ -41' to -43'
			■ -43' and below

Gage Reading: CAMERON: 2.1 MLLW
 Sea Conditions: 2-3'
 Vessel Name: M/V BURRWOOD
 Survey Type: AD
 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.

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.



US Army Corps of Engineers
 District: CEMVW

DISCLAIMER: The United States Government furnishes this information for the general information of the public and does not warrant the accuracy, reliability, or completeness of the information. The user is responsible for the accuracy, reliability, or completeness of the information. The user is responsible for the accuracy, reliability, or completeness of the information. The user is responsible for the accuracy, reliability, or completeness of the information.

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

Submitted:	Surveyed By:
Recommended:	J.L.A.J.H.
Checked By:	BD
Approved:	AO

CALCASIEU SHIP CHANNEL
 BAR SHEET 32
 CR_32_BAFX_20180613_AD
 13 June 2018

Sheet Reference Number
 32 of 53

Revision Number:
 312-2016011

2,647,000
 2,644,000
 428,000
 425,000
 2,641,000