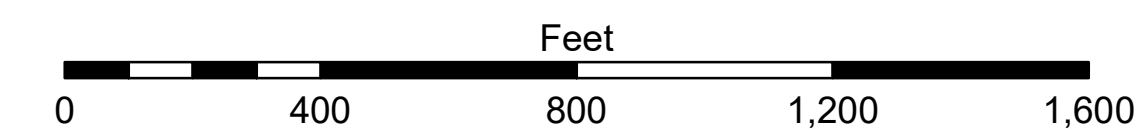
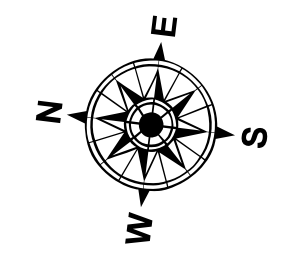


**LEGEND**

--- Federal Navigation Channel	○ Cable Area	3 Fluff Thickness (feet)*	-16' and above
— 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: 1.27 MLLW AVG.  
 Sea Conditions: CHOP  
 Vessel Name: MV LAFOURCHE  
 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 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.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: CEMVW**

**DISCLAIMER:** The United States Government furnishes the data provided herein for the information of the recipient. The data is provided "as is" and the recipient assumes all liability for its use. The United States Government makes no warranty, express or implied, for the accuracy, reliability, or completeness of the data. The recipient shall be responsible for the accuracy, reliability, and completeness of the data. The recipient shall be responsible for the accuracy, reliability, and completeness of the data. The recipient shall be responsible for the accuracy, reliability, and completeness of the data.

Submitted:	Surveyed By:
Recommended:	Checked By:
Approved:	Chief, Waterways Maintenance Section:

**CALCASIEU SHIP CHANNEL**  
**BAR SHEET 30**  
**CR\_30\_BARX\_20220106\_CS**  
**06 January 2022**

**Sheet Reference Number**  
**30 of 53**

Revision Number: 42-2009420