



**LEGEND**

--- 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

**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.

Gage Reading: CAMERON: 0.10 MLLW AVG.  
Sea Conditions: 1-2 FT  
Vessel Name: M/V LAFORCHE  
Survey Type: CS  
Sounding Frequency\*\*\*: HIGH/LOW



**US ARMY CORPS OF ENGINEERS**  
NEW ORLEANS DISTRICT

Accession: 15031301

Accession Number: 15031301

Accession Date: 12/15/2020

Accession Location: New Orleans District

Accession Authority: District Engineer

Accession Remarks: This data represents the results of a hydrographic survey conducted for the purpose of determining the depth of the Calcasieu Channel. The data was collected using a CHIRP echosounder and a GNSS receiver. The survey was conducted on 12/15/2020. The data was processed and plotted using the following parameters: Horizontal Datum: NAD83, Vertical Datum: MLLW, Sounding Frequency: HIGH/LOW. The data was then used to generate this chart. The chart shows the depth of the channel and the location of various navigation aids. The chart is intended for use by mariners and other interested parties. The chart is not to be used for any other purpose without the express written consent of the District Engineer.

Surveyed By: DJS/SPS	Plotted By: BD	Checked By: AC
Submitted:	Recommended: Chief, Survey Section	Approved: Chief, Waterways Maintenance Section

**CALCASIEU SHIP CHANNEL**  
BAR SHEET 35  
CR\_35\_BAR\_20201217\_CS  
17 December 2020

**Sheet Reference Number**  
35 of 53