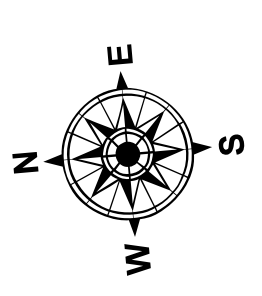
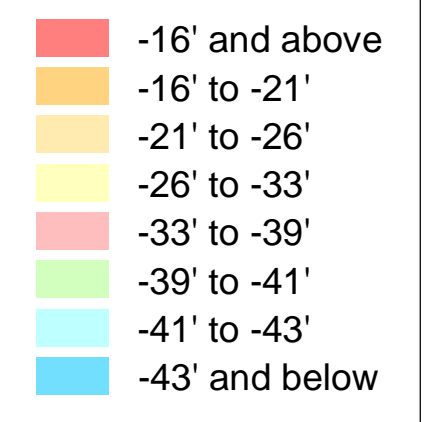


LEGEND	
--- Federal Navigation Channel	○ Cable Area
— Federal Navigation Center Line	□ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	⚓ Wrecks-Submerged
3 Fluff Thickness (feet)*	★ Beacon, General
● Shoalest Sounding**	◆ Red Navigation Buoy
◆ Green Navigation Buoy	



Gage Reading: DM 86 VRN: 1.95 MLLW AVG  
 Sea Conditions: CALM  
 Vessel Name: M/V TECHE  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: LOW

Feet  
 0 400 800 1,200 1,600

**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 73595 as of December 2013: 0.0 NAVD83 (OPUS 2013) = 0.9' MLLW = 1.9' MLC or 0.0' MLLW = 1.0' MLC  
 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.  
 2022 Aerial Photography data source: PAR LLC  
 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 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 these data and the recipient accepts and uses them with the express understanding that the data are not warranted for accuracy, completeness, or implied concerning the accuracy, completeness, or reliability, usability or suitability for any particular purpose of the recipient. The user is responsible for the results obtained from the use of the data for other than its intended purpose.  
 Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrographic conditions which develop after the date of the survey. The information depicted on the map represents the results of a survey conducted on the date of the survey. The user is responsible for the results of the data and should not rely on the data for navigation purposes.  
 Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results obtained from the use of the data for other than its intended purpose.

Submitted:	Surveyed By: SP-JS
Recommended:	Plotted By: BD
Checked:	Checked By: AD/JH
Approved:	

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT  
 Chart, Waterways Maintenance Section

**CALCASIEU SHIP CHANNEL  
 LOWER SHEET 12  
 CR\_12\_LWR\_20240723\_CS  
 23 July 2024**

**Sheet Reference Number  
 12 of 53**