



**LEGEND**

- Federal Navigation Channel
- Federal Navigation Center Line
- As-built Pipeline/Cable
- ..... Unconfirmed Pipeline/Cable
- Project Depth Contour
- Cable Area
- Placement Area
- ⊗ Anchorage Area
- ⊗ Obstruction Point
- ⊗ Wrecks-Submerged
- 3 Fluff Thickness (feet)\*
- Shoalest Sounding\*\*
- ★ Beacon, General
- ◆ Red Navigation Buoy
- ◆ Green Navigation Buoy
- 16' and above
- 16' to -21'
- 21' to -26'
- 26' to -33'
- 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 73595 as of December 2013:  
0.0 NAVD88 (OPUS 2013) = 0.9' MLLW ± 1.9' 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.

2022 Aerial Photography data source: PAR LLC  
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: DM 86 VRN: 0.64 MLLW AVG.  
Sea Conditions: CALM  
Vessel Name: MV TECHE  
Survey Type: CONDITION  
Sounding Frequency\*\*\*: LOW



**DISCLAIMER**

The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally furnished. The user is responsible for the results of any use of these data. The user is responsible for the results of any use of these data. The user is responsible for the results of any use of these data.

**Access/Compliance:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally furnished. The user is responsible for the results of any use of these data. The user is responsible for the results of any use of these data.

**Data Constraints:** Hydrographic survey data is subject to change due to several factors including, but not limited to, changing bathymetry, sedimentation, and other factors. The user is responsible for the results of any use of these data. The user is responsible for the results of any use of these data.

**Information depicted on this map represents the results of a survey conducted on or about the date shown. The user is responsible for the results of any use of these data. The user is responsible for the results of any use of these data.**

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: SP-JS	Plotted By: BD
Recommended:	Checked By: AD/JH	Checked By: AD/JH
Approved:	Chart, Waterways Maintenance Section	

**CALCASIEU SHIP CHANNEL  
LOWER SHEET 12  
CR\_12\_LWR\_20240103\_CS  
03 January 2024**

**Sheet Reference Number  
12 of 53**