US Army Corps
of Engineers
District: CEMVN

DISPOSAL AREA "D"

AREA "D"

LIGHT 78

LIGHT 77

DISPOSAL AREA "A"

DISPOSAL AREA "B-1"

EL=43.4 MLLW
EL=44.4 MLLW
EL=42.4 MLLW

Office of Coast Survey National Oceanic and Atmospheric Administration (NOAA) U.S. Department of Commerce

Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

Surveyed By: SPJS
Plotted By: BD
Checked By: AO/JH

Submitted

Recommended
Chief, Survey Section

Approved
Chief, Waterways Maintenance Section

U.S. ARMY CORPS OF ENGINEERS

**CALCASIEU SHIP CHANNEL**
**LOWER SHEET 16**
CR_16_LWR_20250717_CS
17 July 2025

## VICINITY MAP

Upper Channel

Lower Channel

Bar Channel

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### LEGEND

| Symbol | Description |
|---|---|
| – – – | 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 |

Depth color scale:
- -16' and above
- -16' to -21'
- -21' to -26'
- -26' to -33'
- -33' to -39'
- -39' to -41'
- -41' to -43'
- -43' and below

Gage Reading:
Sea Conditions: CALM
Vessel Name: M/V TECHE
Survey Type: CONDITION
Sounding Frequency***: LOW

HACKBERRY VRS: 1.61 MLLW AVG.

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 73600 as of December 2013:
0.0' NAVD88 (OPUS 2010) = 1.0' MLLW = 2.0' 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 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.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.

Sheet
Reference
Number

16 of 53

Revison Number:
5.25.04.03-5.25.04.03