CORPS OF ENGINEERS

U.S. ARMY

US Army Corps of Engineers District: CEMVN

## LEGEND

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| - - - | Federal Navigation Channel | ⁘ | Cable Area | ▭ | Borrow Area | 🟨 | -12' and above |
| — | Federal Navigation Center Line | ▭ | Placement Area | ● | Shoalest Sounding** | 🟥 | -12' to -15' |
| ━ | As-built Pipeline/Cable | ⬚ | Anchorage Area | ☆ | Beacon, General | 🟩 | -15' to -18' |
| ⋯ | Unconfirmed Pipeline/Cable | ⊠ | Obstruction Point | ♦ | Red Navigation Buoy | 🟦 | -18' to -20' |
| — | Project Depth Contour | ✈ | Wrecks-Submerged | ♦ | Green Navigation Buoy | 🟦 | -20' and below |
| | | | | | | 3 | Fluff Thickness* |

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|---|---|
| Gage Reading: | DM 12: 4.07 MLG AVG |
| Sea Conditions: | CALM |
| Vessel Name: | M/V VALENTOUR |
| Survey Type: | CS |
| Sounding Frequency***: | HIGH |

Feet

0 800 1,600 2,400 3,200 4,000

**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 Low Gulf Datum (MLG).
Datum Relationships for gage 03820 as of August 2020:
0.0' NAVD88 = 3.07' MLG

Distances on the Atchafalaya River are shown at 1 mile intervals.

The location of navigation aids are base on and provided by the U.S. Coast Guard.

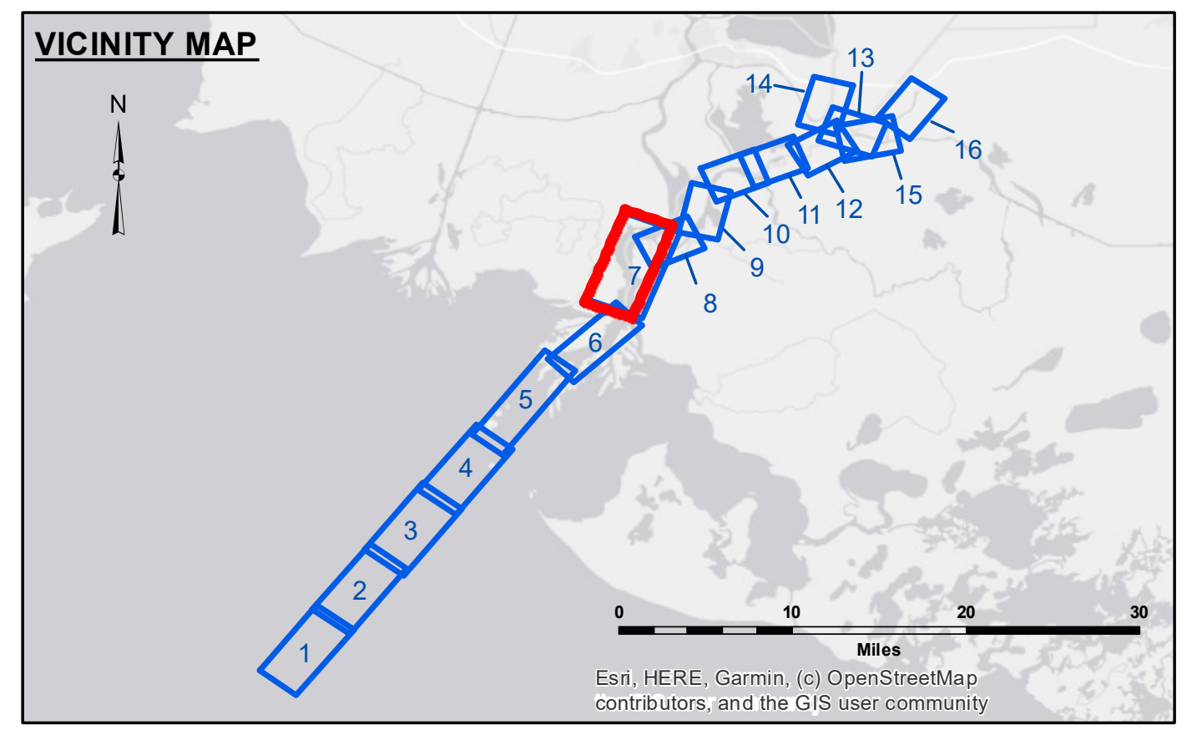
2019 Aerial Photography data source: PAR, LLC. (1998 DOQQ imagery in green).

Reference is N.O.A.A. Navigation Chart No. 11354.

** 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 consoldiated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.

**VICINITY MAP**



DISCLAIMER
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The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application 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 dredging activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Prudent mariners should not rely solely upon it.

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| Submitted: | Surveyed By: CHAMPINE/ADAMS |
| Recommended: Chief, Survey Section | Plotted By: JH |
| Approved: Chief, Waterways Maintenance Section | Checked By: JH |

**ATCHAFALAYA RIVER**
**CREWBOAT CUT CHANNEL**
**AR_07_CBC_20250211_CS**
**11 February 2025**

**Sheet Reference Number**
7 **of** 16

Revison Number:
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