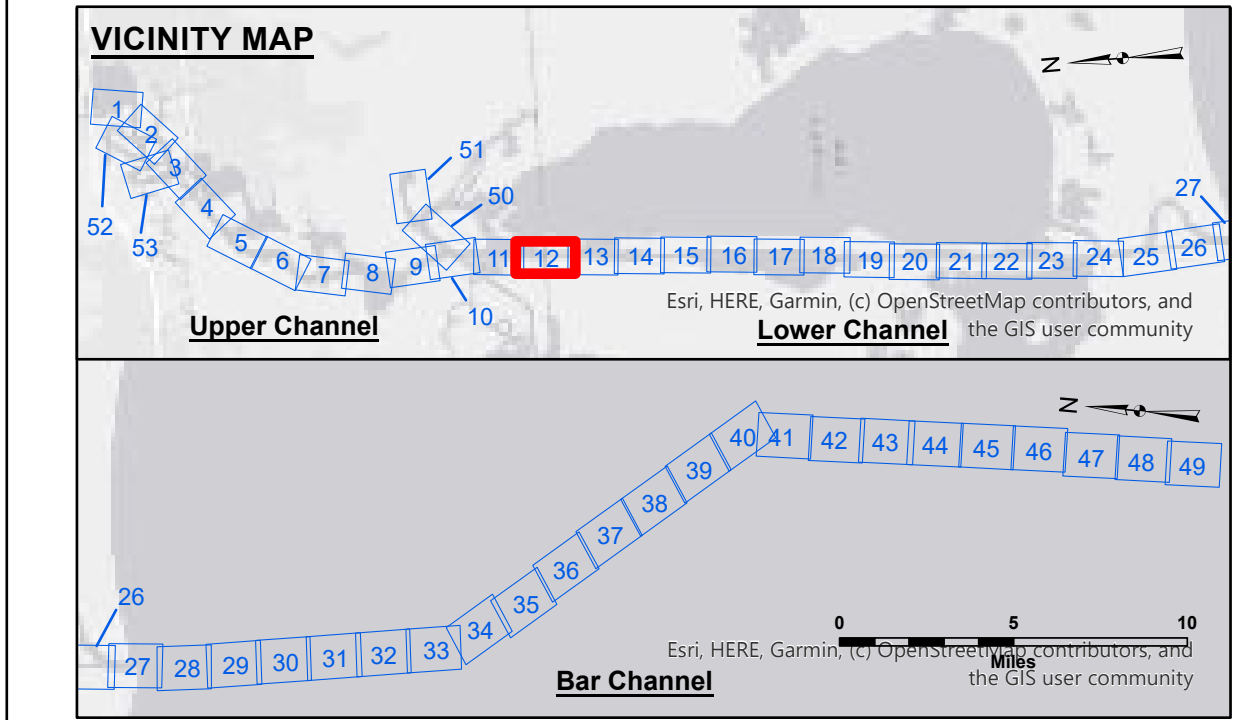
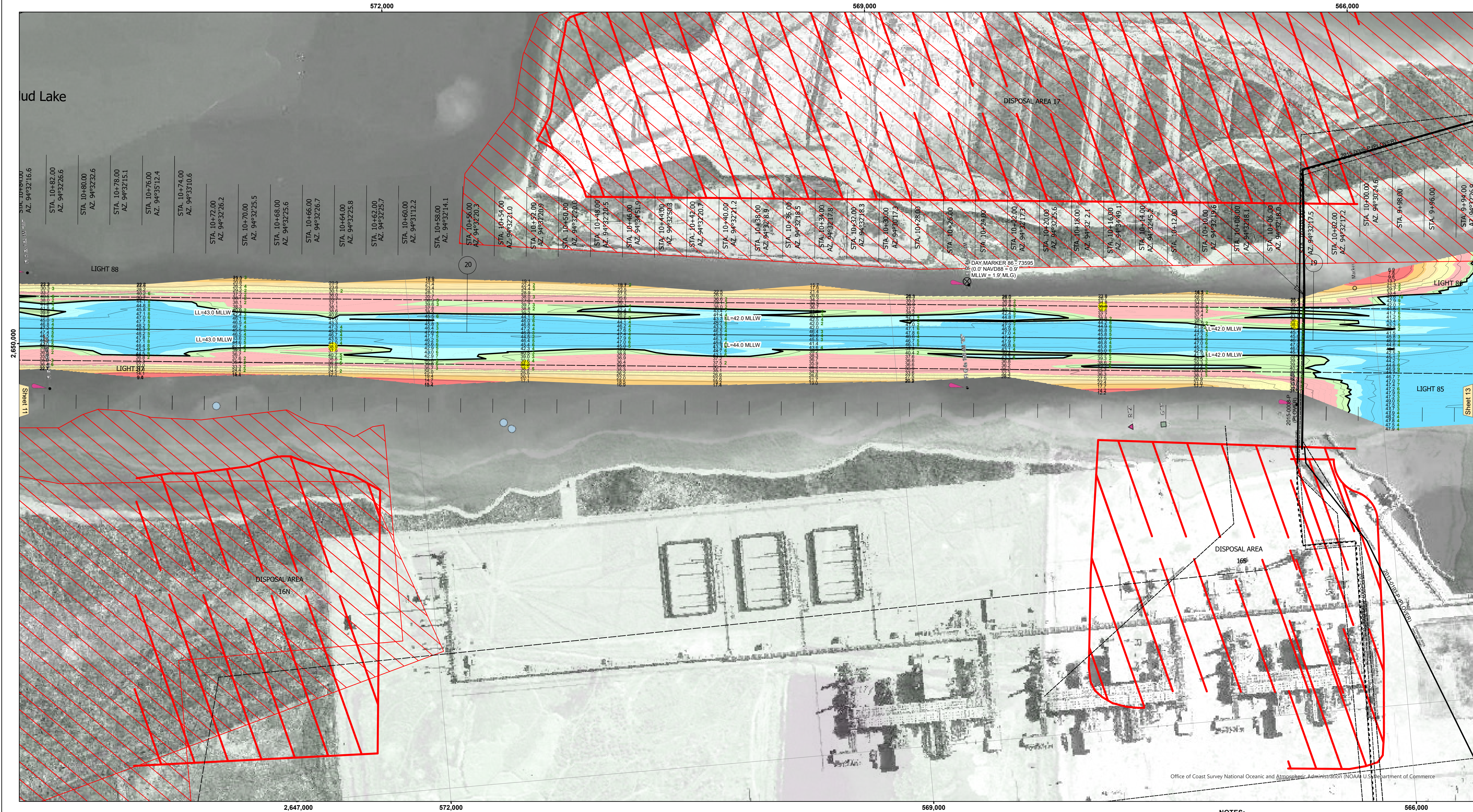




LEGEND

--- 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

Gage Reading: DM 86 VRN: 2.0 MLLW AVG.

Sea Conditions: CHOPPY

Vessel Name: M/V TECHE

Survey Type: CONDITION

Sounding Frequency***: LOW

Compass rose showing North (N), South (S), East (E), and West (W).

Scale bar: 0 to 1,600 Feet

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 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.

U.S. ARMY CORPS OF ENGINEERS			
Submitted:	Surveyed By: SPJS	Plotted By: BD	Checked By: AOJH
Recommended:	Chief Survey Section	Chief Survey Section	Chief Survey Section
Approved:	Chief Waterways Maintenance Section	Chief Waterways Maintenance Section	Chief Waterways Maintenance Section

CALCASIEU SHIP CHANNEL

LOWER SHEET 12

CR_12_LWR_20250520_CS

20 May 2025

Sheet Reference Number

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Revision Number: 5.25.04.03-5.25.04.03

DISCLAIMER: 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, the data is not intended to be used for any purpose other than the intended purpose. The user is responsible for the results of any application of the data for other than its intended purpose. The data is not intended to be used for any purpose other than the intended purpose. The user is responsible for the results of any application of the data for other than its intended purpose. The data is not intended to be used for any purpose other than the intended purpose. The user is responsible for the results of any application of the data for other than its intended purpose.

US Army Corps of Engineers

District: CEMVN