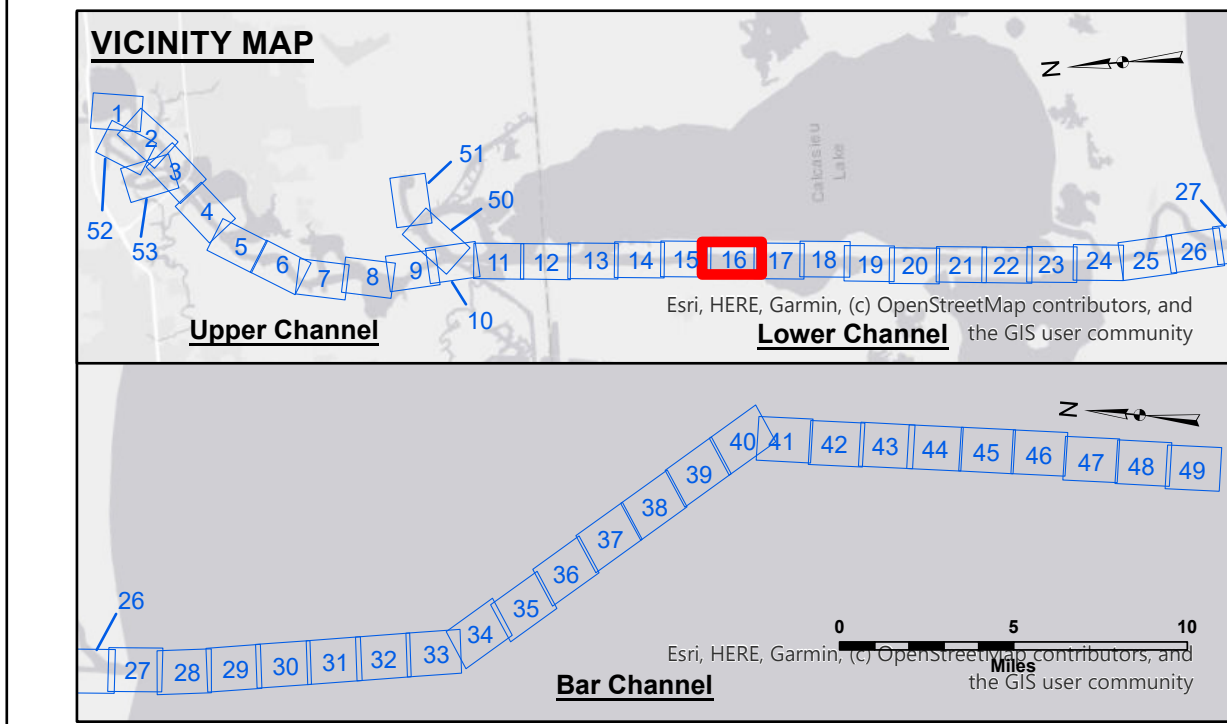
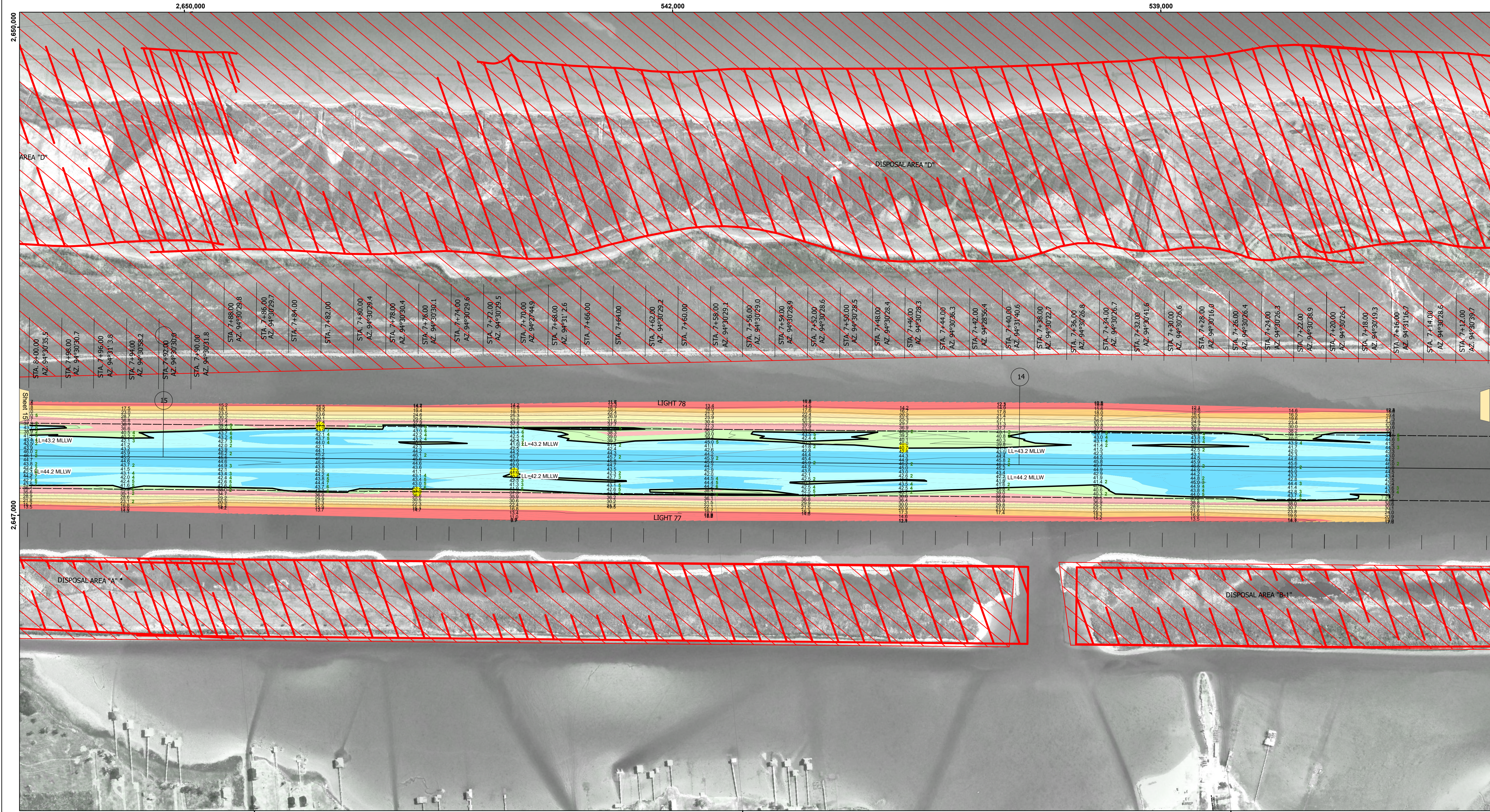




LEGEND

--- Federal Navigation Channel

— Federal Navigation Center Line

— As-built Pipeline/Cable

..... Unconfirmed Pipeline/Cable

— Project Depth Contour

○ Cable 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:
Sea Conditions:
Vessel Name:
Survey Type:
Sounding Frequency***:

HACKBERRY VRS: 1.75 MLLW
CALM
M/V TECHE
CONDITION
LOW

0 400 800 1,200 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 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.

U.S. ARMY CORPS OF ENGINEERS			
Submitted:	Surveyed By: SP/JS	Plotted By: BD	Checked By: AO/JH
Recommended:	Chief, Survey Section		
Approved:	Chief, Waterways Maintenance Section		

CALCASIEU SHIP CHANNEL

LOWER SHEET 16

CR_16_LWR_20251001_CS

01 October 2025

Sheet
Reference
Number

16 of 53

Revision Number:
5.25.08.04-5.25.08.04

US Army Corps
of Engineers
District: CEMVN

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DISCLAIMER: The data represent 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 are not to be used for any purpose other than that for which they were originally collected, and that the data are not to be used for any purpose other than that for which they were originally collected, and that the data are not to be used for any purpose other than that for which they were originally collected.