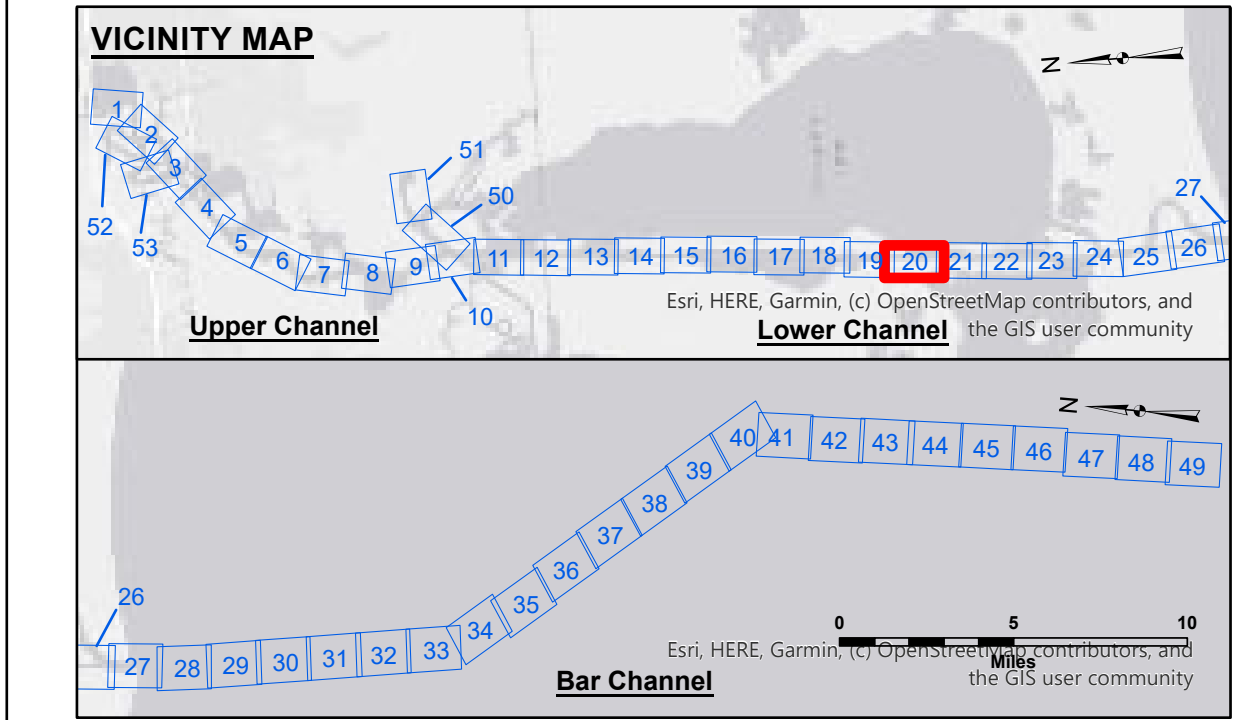
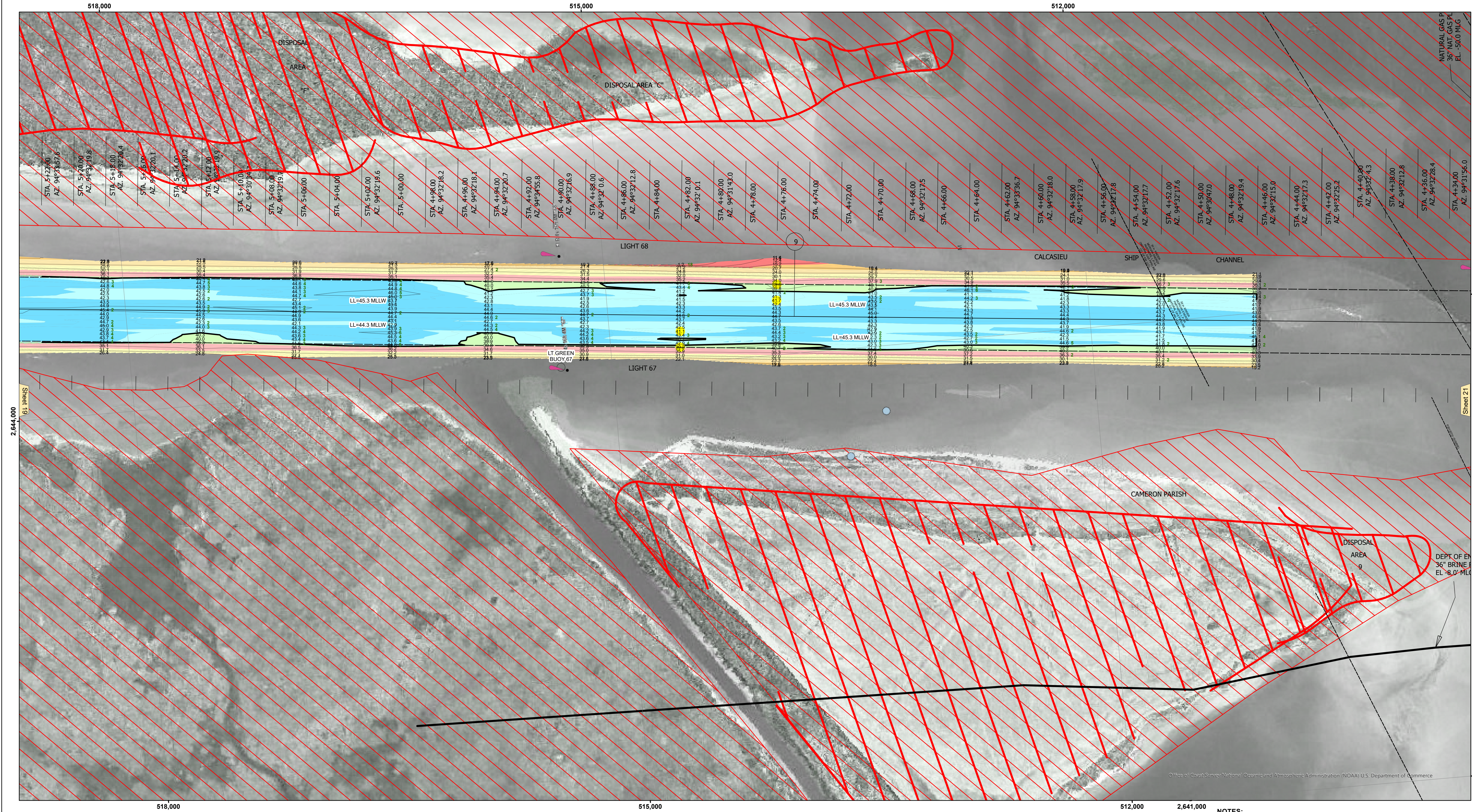




LEGEND

--- 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 72 VRN: 1.67 MLLW AVG.

Sea Conditions: CALM

Vessel Name: M/V TECHE

Survey Type: CONDITION

Sounding Frequency***: LOW

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 73615 as of December 2013:
0.0' NAVD88 (2009.55) = 1.1' MLLW = 2.1' 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		
Approved:	Chief, Waterways Maintenance Section		

CALCASIEU SHIP CHANNEL

LOWER SHEET 20

CR_20_LWR_20250716_CS

16 July 2025

Sheet Reference Number

20 of 53

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 for use in any other project or application. The user is responsible for the results of any of the application of the data for other than its intended purpose. The user is responsible for the results of any of the application of the data for other than its intended purpose. The user is responsible for the results of any of the application of the data for other than its intended purpose.

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 for use in any other project or application. The user is responsible for the results of any of the application of the data for other than its intended purpose. The user is responsible for the results of any of the application of the data for other than its intended purpose. The user is responsible for the results of any of the application of the data for other than its intended purpose.

