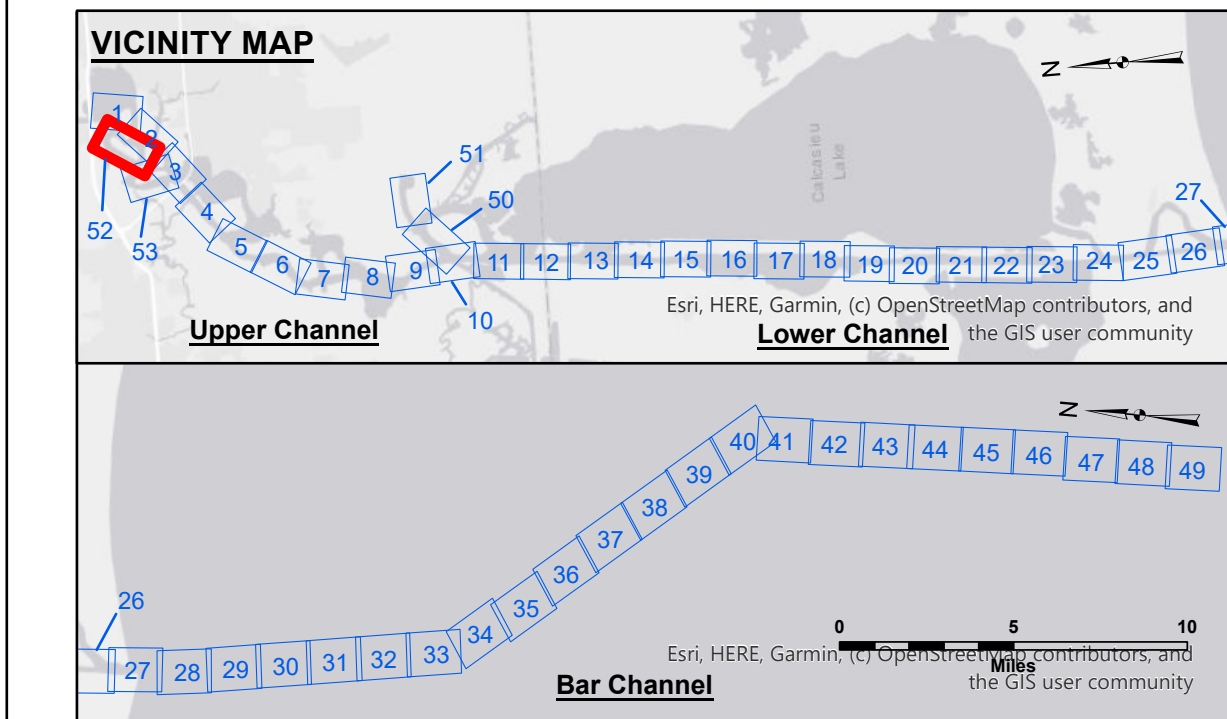
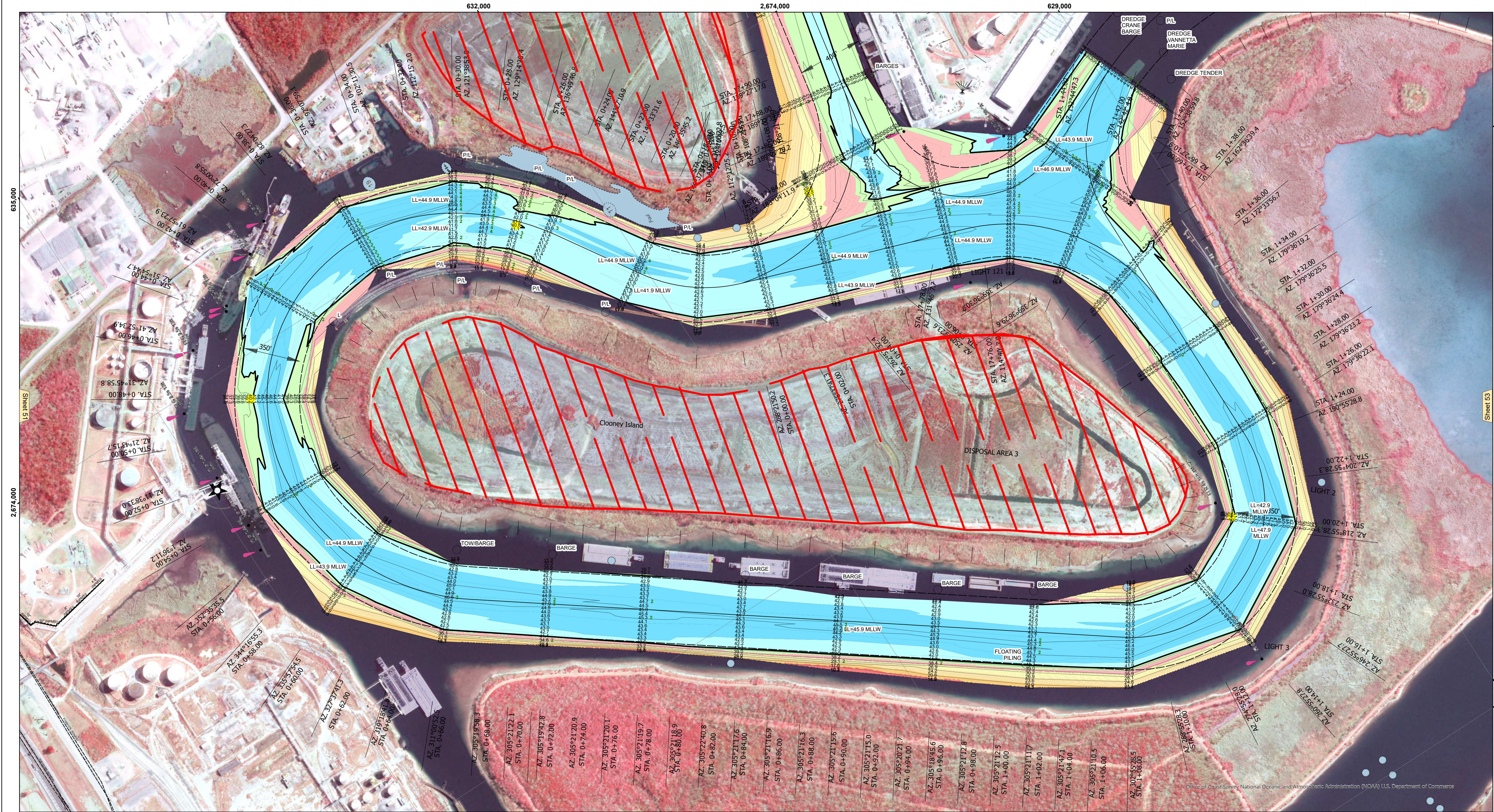




**LEGEND**

--- 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: DM 119 VRN: 2.10 MLLW AVG.

Sea Conditions: CALM

Vessel Name: M/V TECHE

Survey Type: CONDITION

Sounding Frequency\*\*\*: 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 73550 as of December 2013:  
0.0' NAVD88 (OPUS 2010) = 0.6' MLLW = 1.6' 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.

Aerial Photography data source: BUMP 2026 (DOQQ 1998 in transparent green)

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<br>NEW ORLEANS DISTRICT |                       |                                      |                      |
| Submitted:                                           | Surveyed By:<br>SPJS  | Plotted By:<br>BD                    | Checked By:<br>AOJ/H |
| Recommended:                                         | Chief, Survey Section | Chief, Waterways Maintenance Section |                      |
| Approved:                                            |                       |                                      |                      |

CALCASIEU SHIP CHANNEL  
CLOONEY ISLAND

CR\_52\_CL1\_20260714\_CS

14 July 2026

Sheet  
Reference  
Number

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