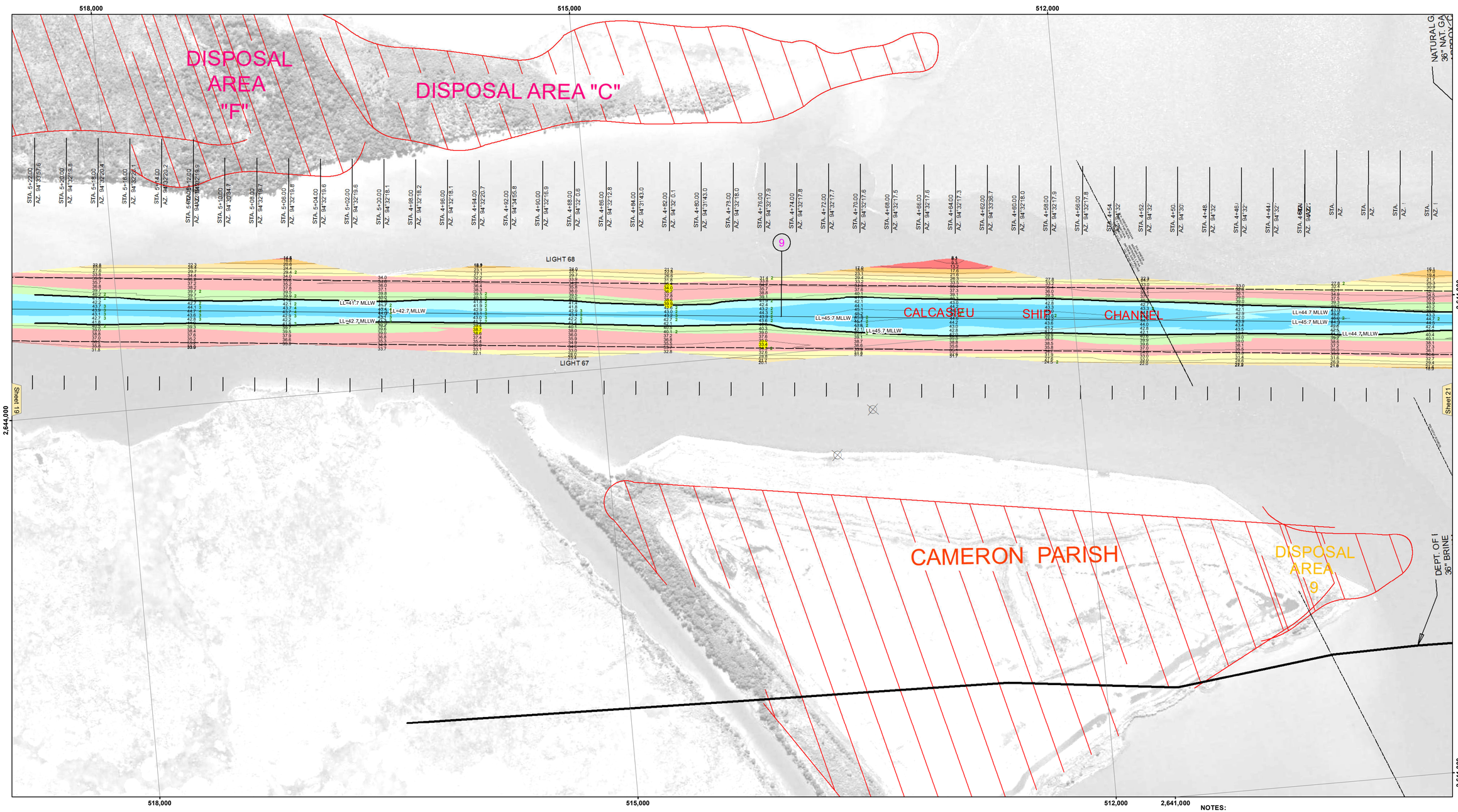
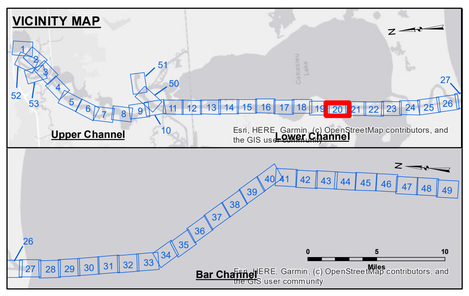



**VICINITY MAP**




**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: 2.30 MLLW AVG. |
| Sea Conditions: | CALM |
| Vessel Name: | M/V VALENTOUR |
| 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.

2015 Aerial Photography data source: NAIP

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.

US Army Corps of Engineers
District: CEMVN

Distribution Liability: The data represents the results of data collection and processing activities by the Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy and is not to be used for navigation or any purpose other than that of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to natural and man-induced processes. The U. S. Government cannot assume liability for the use of data in the hydrographical conditions which develop after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Project maintained based on dredging opera.

DISCLAIMER
Access Constraints: The United States Government furnishes this map and data without warranty, expressed or implied. The recipient understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, reliability, or suitability of this map and data for any purpose. The information and the data furnished. The United States shall be under no liability for any injury or loss resulting from use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government data. The recipient shall not release or make these data to others without also transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

| | | |
|---|---|---|
| Surveyed By: RY,LAN,DA,AMS | Plotted By: BD | Checked By: AO |
| Submitted: | Recommended: Chief, Survey Section | Chief, Waterways Maintenance Section |
| | Approved: | |

**CALCASIEU SHIP CHANNEL**
**LOWER SHEET 20**
**CR_20_LWR_20201011_AD**
**11 October 2020**

**Sheet Reference Number**
20 **of** 53

Revison Number:
4.1-20191105