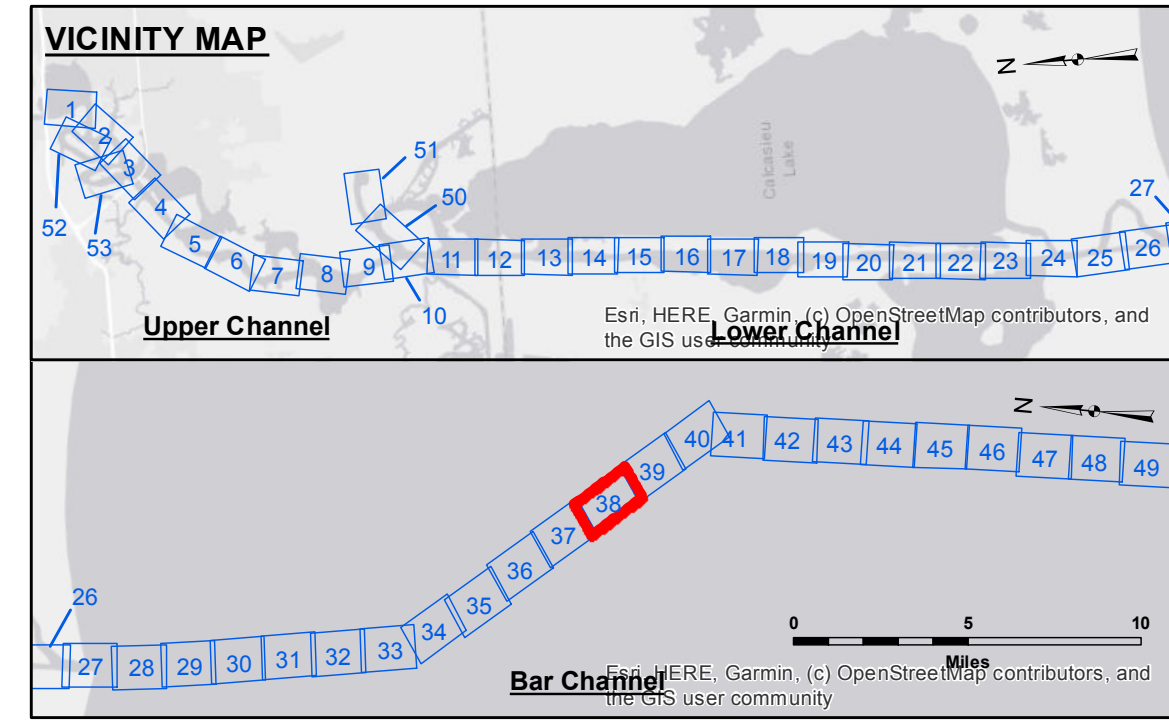
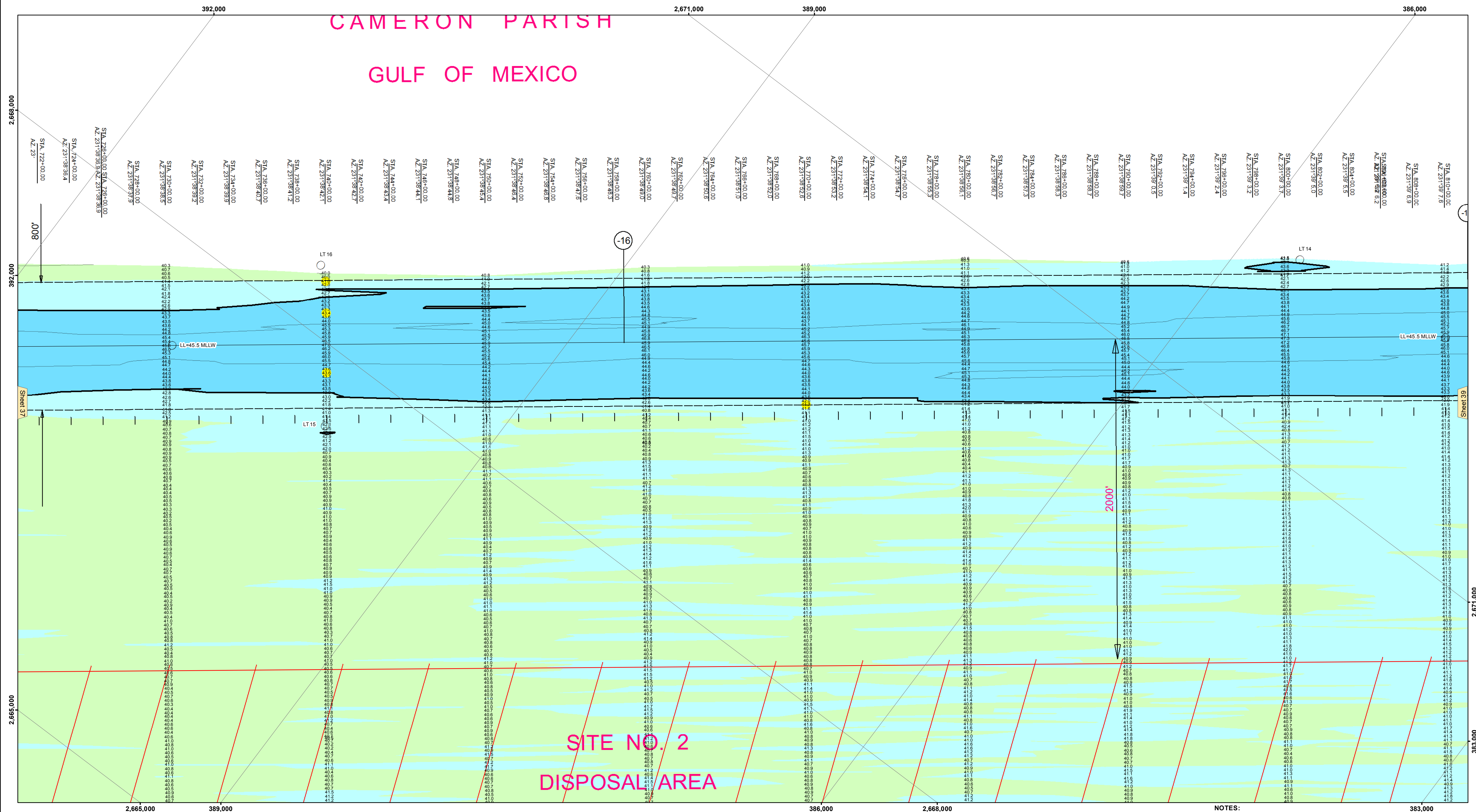


CAMERON PARISH GULF OF MEXICO



LEGEND

| | | | |
|----------------------------------|---------------------|---------------------------|----------------|
| --- Federal Navigation Channel | ○ Cable Area | 3 Fluff Thickness (feet)* | -16' and above |
| — Federal Navigation Center Line | □ Placement Area | ● Shoalest Sounding** | -16' to -21' |
| — As-built Pipeline/Cable | ⊗ Anchorage Area | ★ Beacon, General | -21' to -26' |
| Unconfirmed Pipeline/Cable | ⊗ Obstruction Point | ◆ Red Navigation Buoy | -26' to -33' |
| — Project Depth Contour | ⊗ Wrecks-Submerged | ◆ Green Navigation Buoy | -33' to -39' |
| | | | -39' to -41' |
| | | | -41' to -43' |
| | | | -43' and below |

Gage Reading: CAMERON: 2.5 MLLW AVG
 Sea Conditions: 1'
 Vessel Name: M/V VALENTOUR
 Survey Type: CONDITION
 Sounding Frequency***: LOW

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: CAMERON: 2.5 MLLW AVG
 Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). Datum Relationships for gage 73650 as of December 2013: 0.0' NAVD88 (2009.55) = 1.3' MLLW = 2.3' 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 based 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.



DISCLAIMER:
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| | | |
|------------------------|-----------------------------------|---|
| Surveyed By: JDH/ADAMS | Plotted By: BD | Checked By: AC |
| Submitted: | Recommended: Chart Survey Section | Approved: Chief Waterways Maintenance Section |

**CALCASIEU SHIP CHANNEL
 BAR SHEET 38
 CR_38_BAR_20200613_CS_POSTSTORM
 13 June 2020**

**Sheet Reference Number
 38 of 53**