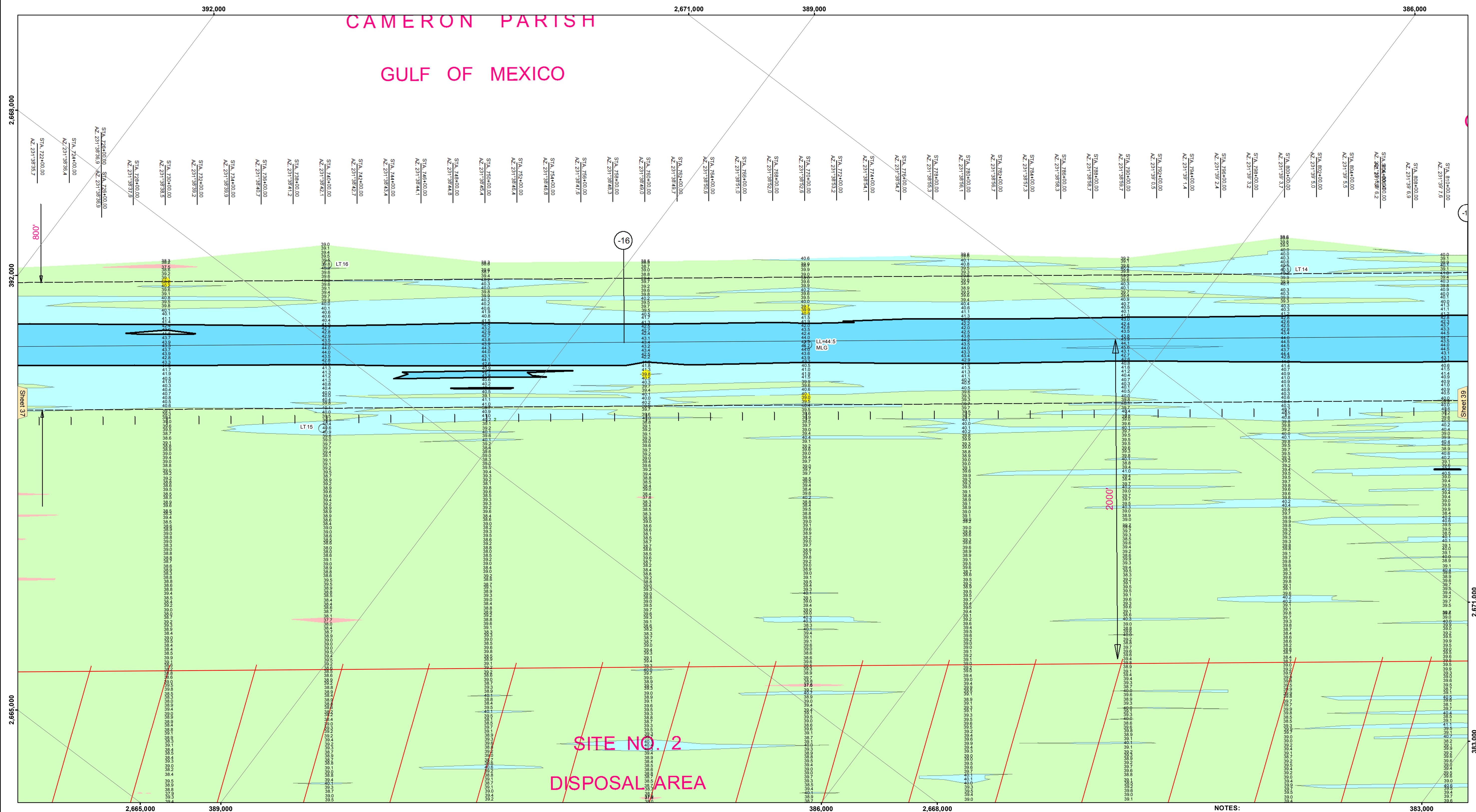


CAMERON PARISH  
GULF OF MEXICO



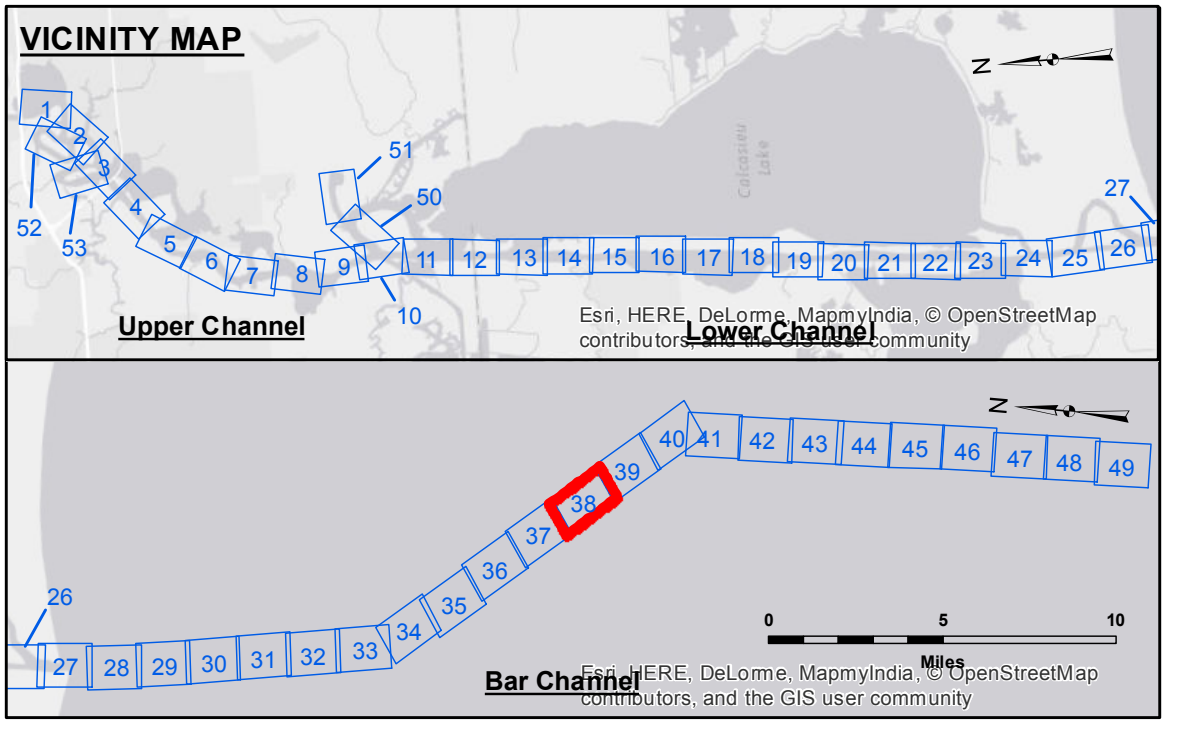
**US Army Corps of Engineers**  
District: CEMVN

**DISCLAIMER**  
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not warranted for accuracy, reliability, usability, or availability for any particular purpose of the user. The user is responsible for the accuracy, completeness, and application of the data for their intended purpose. The user is responsible for the accuracy, completeness, and application of the data for their intended purpose. The user is responsible for the accuracy, completeness, and application of the data for their intended purpose. The user is responsible for the accuracy, completeness, and application of the data for their intended purpose.

Submitted:	SR, JH
Reviewed:	BD
Checked:	AC

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

**CALCASIEU SHIP CHANNEL**  
**BAR SHEET 38**  
**CR\_38\_BAR\_20170619\_CS**  
19 June 2017



**LEGEND**

--- Federal Navigation Channel	● Cable Area	3 Fluff Thickness (feet)*	-15' and above
— Federal Navigation Center Line	■ Placement Area	● Shoalest Sounding**	-15' to -20'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	-20' to -25'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	-25' to -32'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	-32' to -38'
			-38' to -40'
			-40' to -42'
			-42' and below

Gage Reading: CAMERON: 3.45 MLG  
Sea Conditions: 1-3'  
Vessel Name: MV TECHE  
Survey Type: AD  
Sounding Frequency\*\*\*: LOW

Vertical Datum:  
Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG).  
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.

**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.

**Sheet Reference Number**  
**38 of 53**