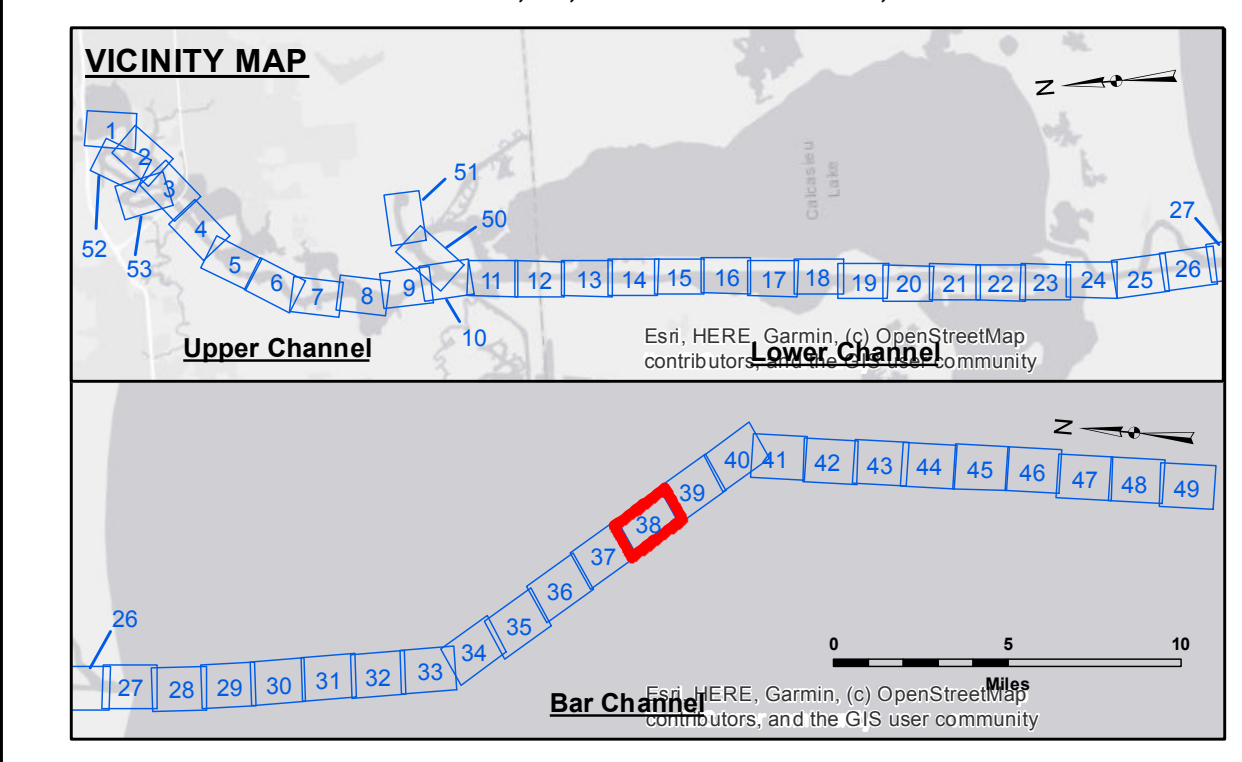
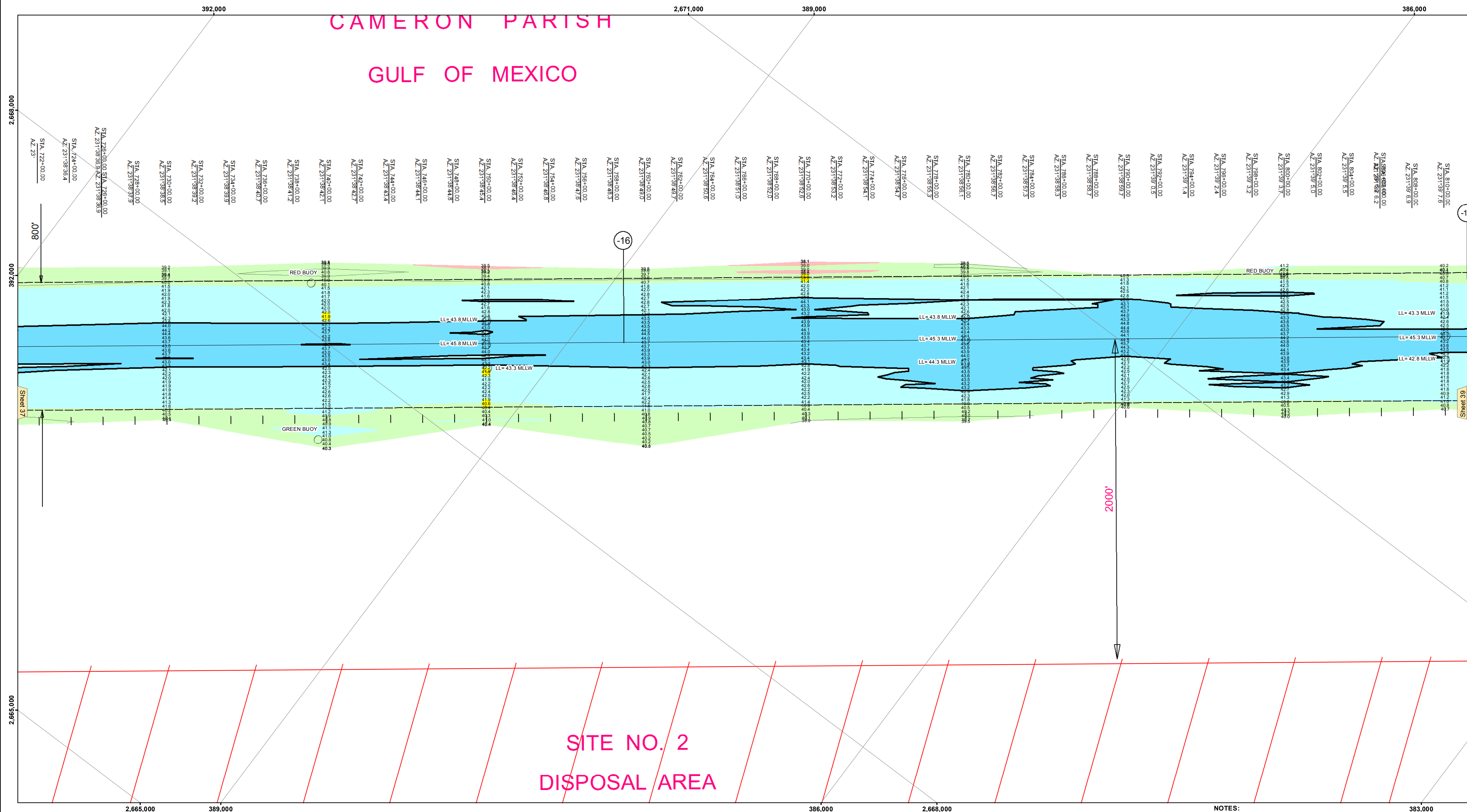


CAMERON PARISH GULF OF MEXICO



LEGEND			
	Federal Navigation Channel		Placement Area
	Federal Navigation Center Line		Obstruction Point
	As-built Pipeline/Cable		Wrecks-Submerged
	Unconfirmed Pipeline/Cable		Fluff Thickness (feet)*
	Project Depth Contour		Shoalest Sounding**
	Cable Area		Beacon, General
	Placement Area		Red Navigation Buoy
	Anchorage Area		Green Navigation Buoy
	Obstruction Point		
	Wrecks-Submerged		

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 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 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.

Gage Reading: CAMERON: 1.7 MLLW
Sea Conditions: 0-1 FT.
Vessel Name: M/V VALENTOUR
Survey Type: CONDITION
Sounding Frequency***: LOW



DISCLAIMER:

The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The Corps of Engineers does not warrant the accuracy of the information for any purpose other than that for which it was collected. The user is responsible for the accuracy, completeness, reliability, usability, or suitability of the information for any purpose other than that for which it was collected. The user is responsible for the accuracy, completeness, reliability, usability, or suitability of the information for any purpose other than that for which it was collected. The user is responsible for the accuracy, completeness, reliability, usability, or suitability of the information for any purpose other than that for which it was collected.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Surveyed By: RYLAND/ADAMS	Plotted By: JH
Submitted:	Checked By: JH
Recommended: Chief, Survey Section	Approved: Chief, Waterways Maintenance Section

**CALCASIEU SHIP CHANNEL
BAR SHEET 38
CR_38_BAR_20210825_CS
25 August 2021**

**Sheet Reference Number
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