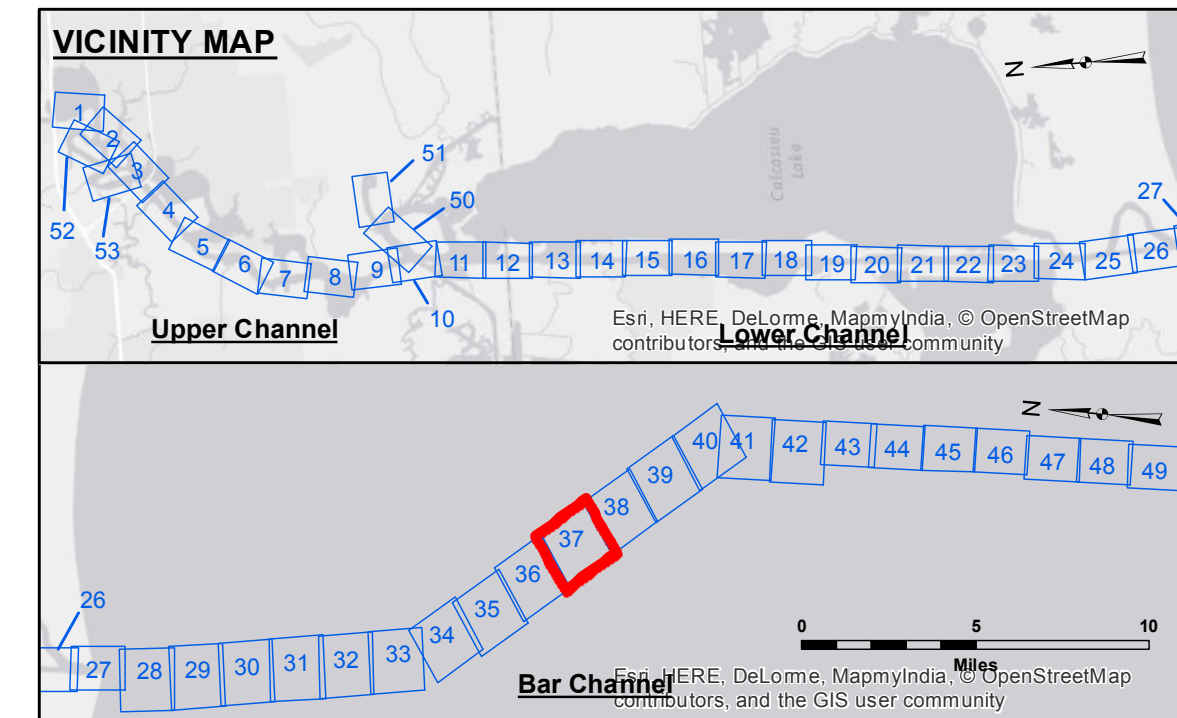
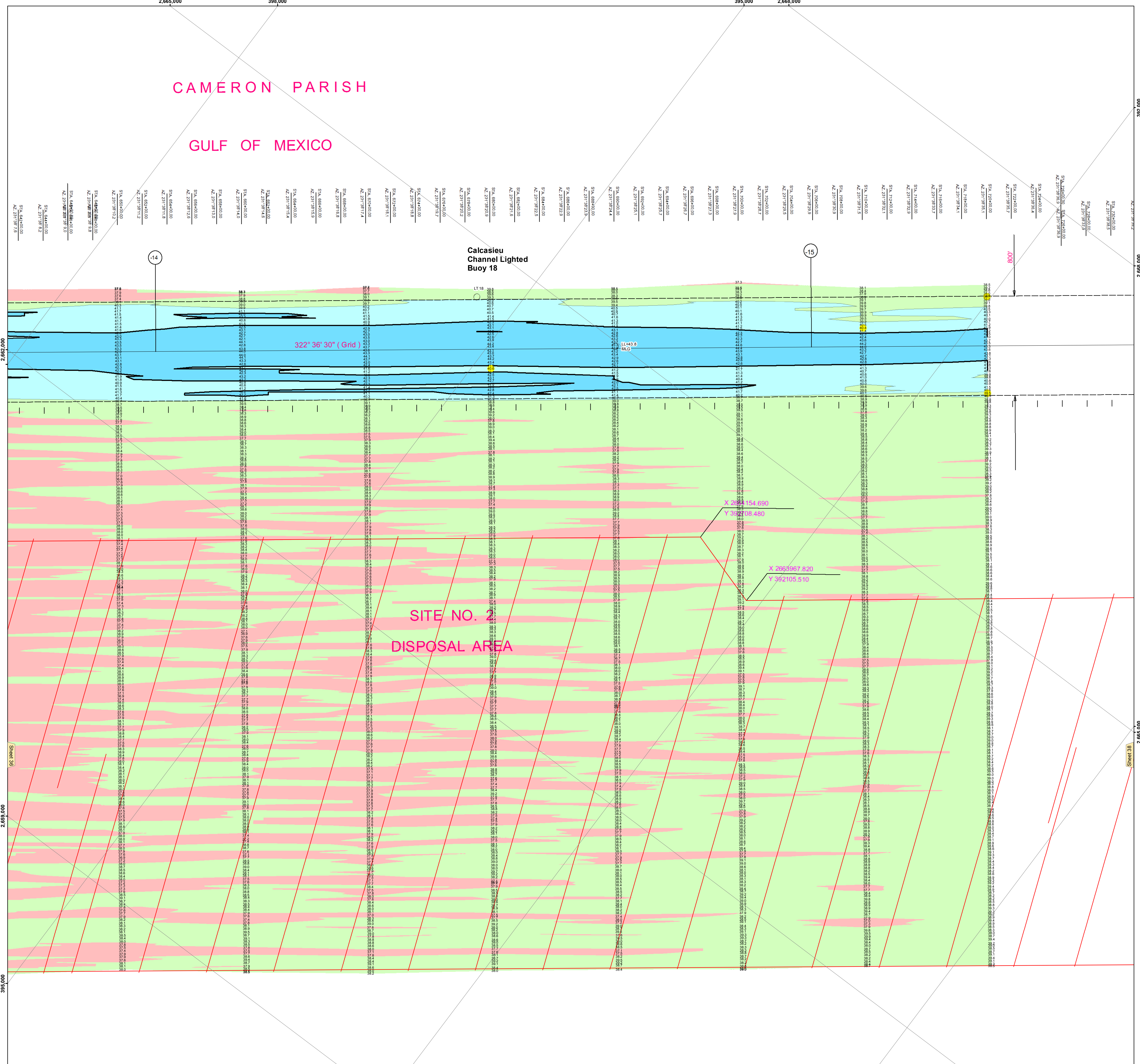


2,665,000 398,000 395,000 2,668,000

CAMERON PARISH
GULF OF MEXICO



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: 3.15 MLG
 Sea Conditions: CHOPPY
 Vessel Name: M/V TECHE
 Survey Type: CONDITION
 Sounding Frequency***: LOW

Vertical Datum:
 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 Low Gulf Datum (MLG).
 Datum Relationships for page 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. 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". 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.



Division Liability: The data reported in this report is the property of the U.S. Army Corps of Engineers and is not to be distributed outside the organization. The user is responsible for the accuracy and reliability of the data reported in this report. The user is also responsible for the accuracy and reliability of the data reported in this report. The user is also responsible for the accuracy and reliability of the data reported in this report.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	SR, JH
Recommended:	BD
Checked:	AO
Approved:	AO

CALCASIEU SHIP CHANNEL
 BAR SHEET 37
 CR_37_BARX_20170606_CS
 06 June 2017

Sheet Reference Number
 37 of 53

Revision Number:
 1:2-20160611