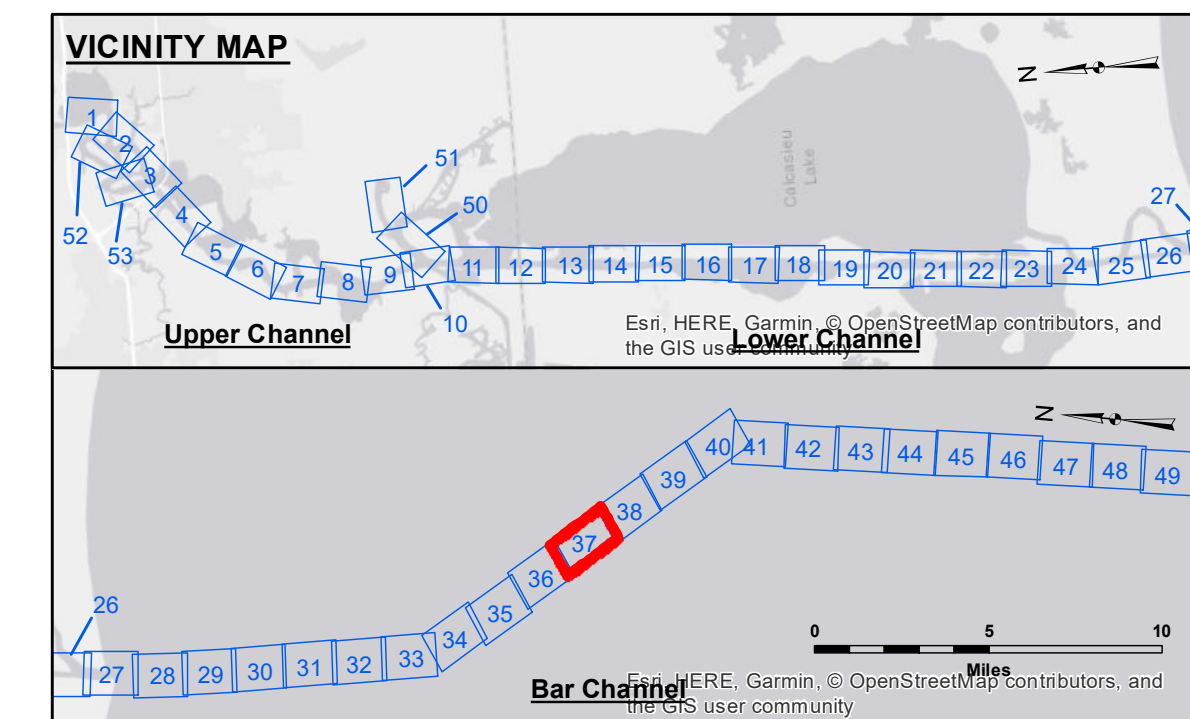
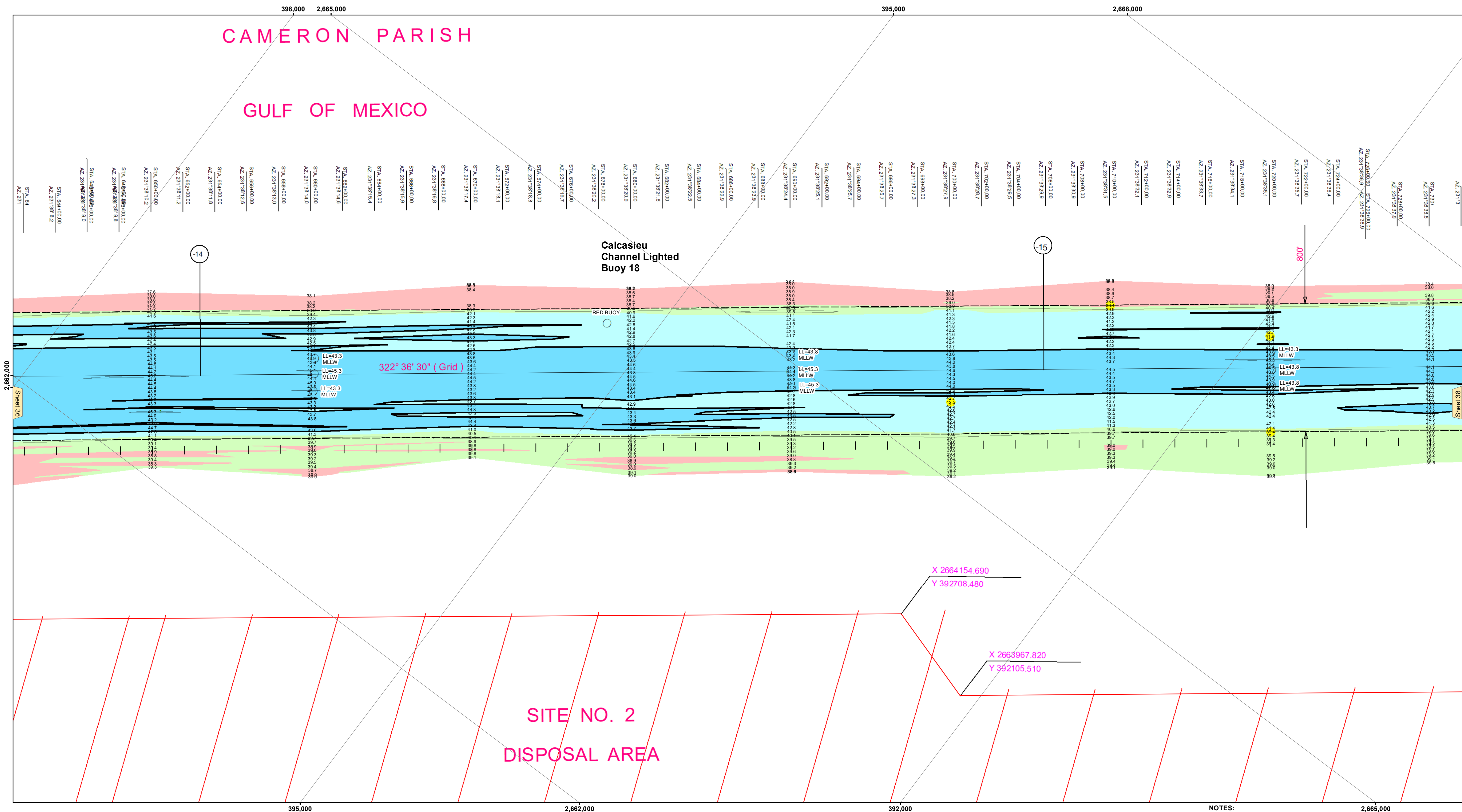
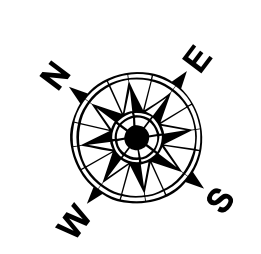


CAMERON PARISH

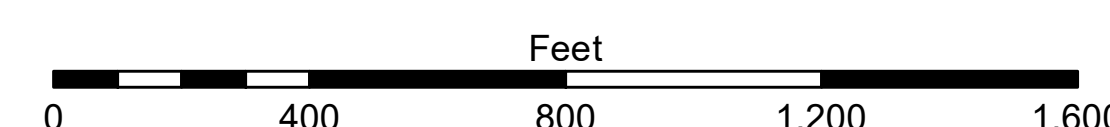
GULF OF MEXICO



LEGEND			
- - -	Federal Navigation Channel	○	Cable Area
—	Federal Navigation Center Line	□	Placement Area
—	As-built Pipeline/Cable	⊗	Obstruction Point
⋯	Unconfirmed Pipeline/Cable	⚓	Wrecks-Submerged
—	Project Depth Contour	★	Beacon, General
		◆	Red Navigation Buoy
		◇	Green Navigation Buoy
		3	Fluff Thickness (feet)*
		●	Shoalest Sounding**



Gage Reading: CAMERON: 1.68 MLLW AVG.
 Sea Conditions: CALM
 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: 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:
 The information depicted on this map represents the results of a hydrographic survey conducted by the U.S. Army Corps of Engineers. The data is provided for informational purposes only and is not intended for navigation. The user is responsible for the accuracy, completeness, and reliability of the information. The U.S. Army Corps of Engineers does not warrant the accuracy, completeness, or reliability of the information. The user is responsible for the accuracy, completeness, and reliability of the information. The U.S. Army Corps of Engineers does not warrant the accuracy, completeness, or reliability of the information.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted:	Surveyed By:	Plotted By:	Checked By:
	RYLAND/DAMIS	BD	AC
Recommended:	Chart:	Survey Section:	Chief, Waterways Maintenance Section
	Chart Survey Section		

CALCASIEU SHIP CHANNEL
BAR SHEET 37
CR_37_BAR_20190601_CS
01 June 2019

Sheet Reference Number
37 of 53