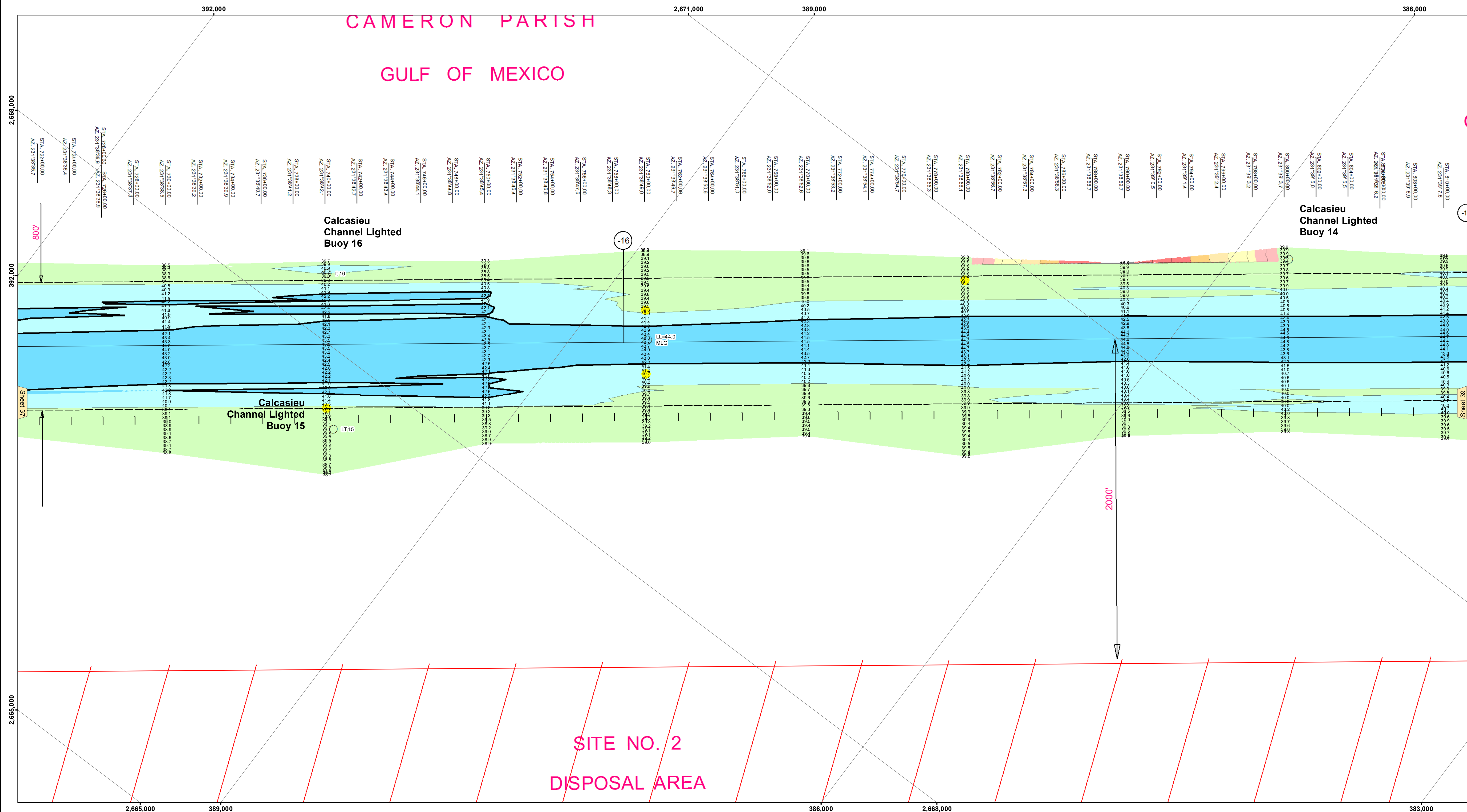


CAMERON PARISH
GULF OF MEXICO



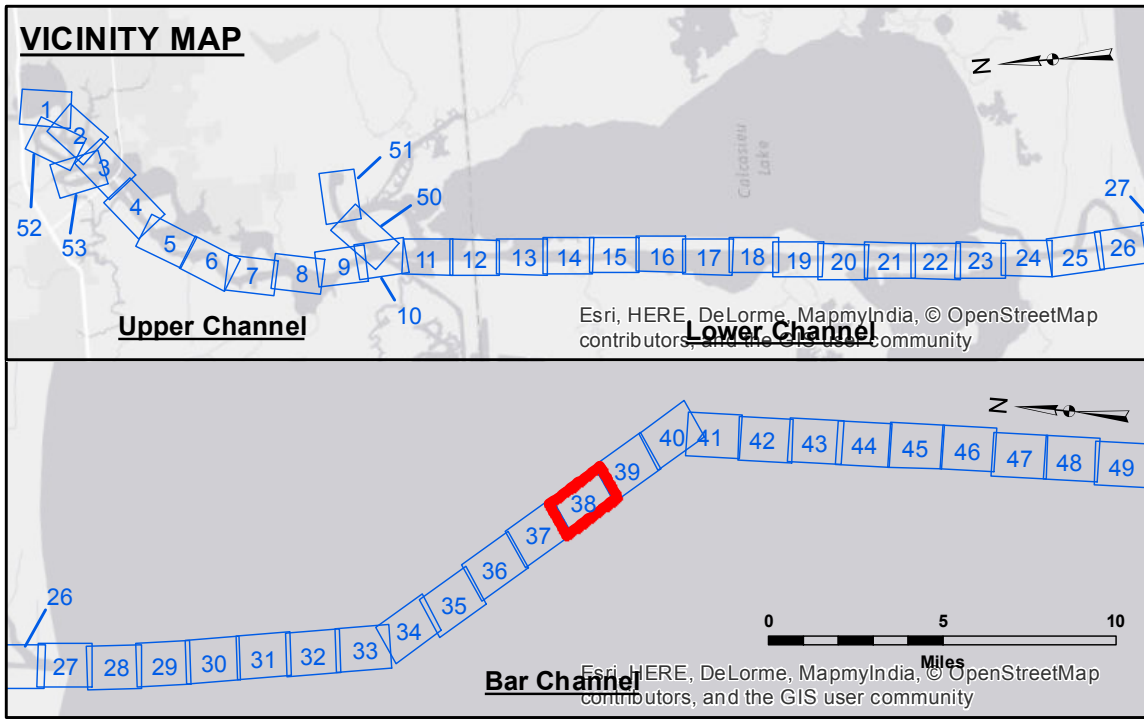
US Army Corps of Engineers District: CEMV

Access to Information: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally collected, and that the data are not to be used for any purpose other than that for which they were originally collected.

Disclaimer: The information depicted on this map represents the results of a survey conducted on or about the date shown on the map. The information is not to be used for any purpose other than that for which it was originally collected. The user is responsible for the accuracy, completeness, and timeliness of the data. The user is also responsible for the accuracy, completeness, and timeliness of the data. The user is also responsible for the accuracy, completeness, and timeliness of the data.

Submitted:	Surveyed By: JH/SPS
Recommender:	Plotted By: BID
Approved:	Chief, Survey Section
	Checked By: TAF
	Chief, Waterways Maintenance Section

CALCASIEU SHIP CHANNEL
BAR SHEET 38
CR_38_BAR_20150128
28 January 2015



LEGEND	
--- Federal Navigation Channel	● Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Borrow Area
..... Unconfirmed Pipeline/Cable	● Shoalest Sounding**
— Project Depth Contour	★ Beacon, General
	◆ Red Navigation Buoy
	◆ 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 Low Gulf Datum (MLG). Datum Relationships for gage 73650 as of December 2013: 0.0' NAVD83 (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.

2010 Aerial Photography data source: NAIP

Reference is N.O.A.A. Navigation Chart No. 11339.

** 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: 2.0 MLG AVG.
Sea Conditions: 1-2'
Vessel Name: M/V LAFOURCHE
Survey Type: CONDITION
Sounding Frequency***: LOW

Sheet Reference Number
38 of 53