



US Army Corps of Engineers District: CEMVN

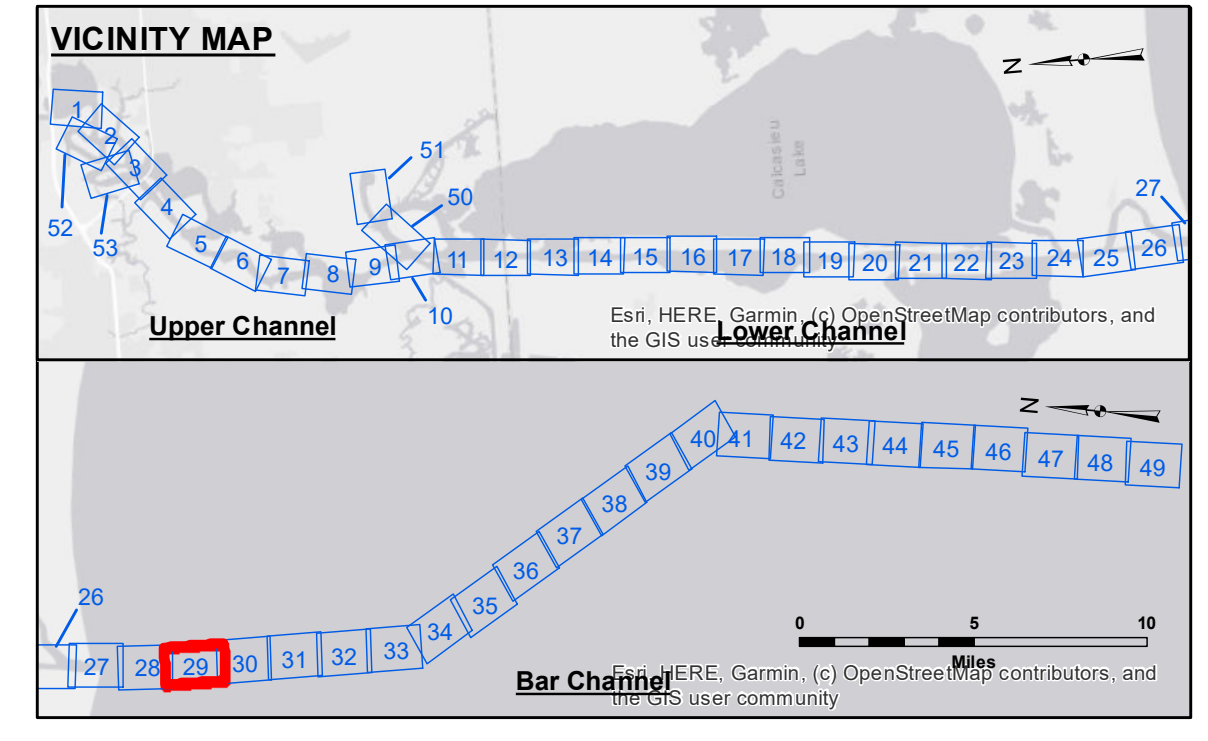
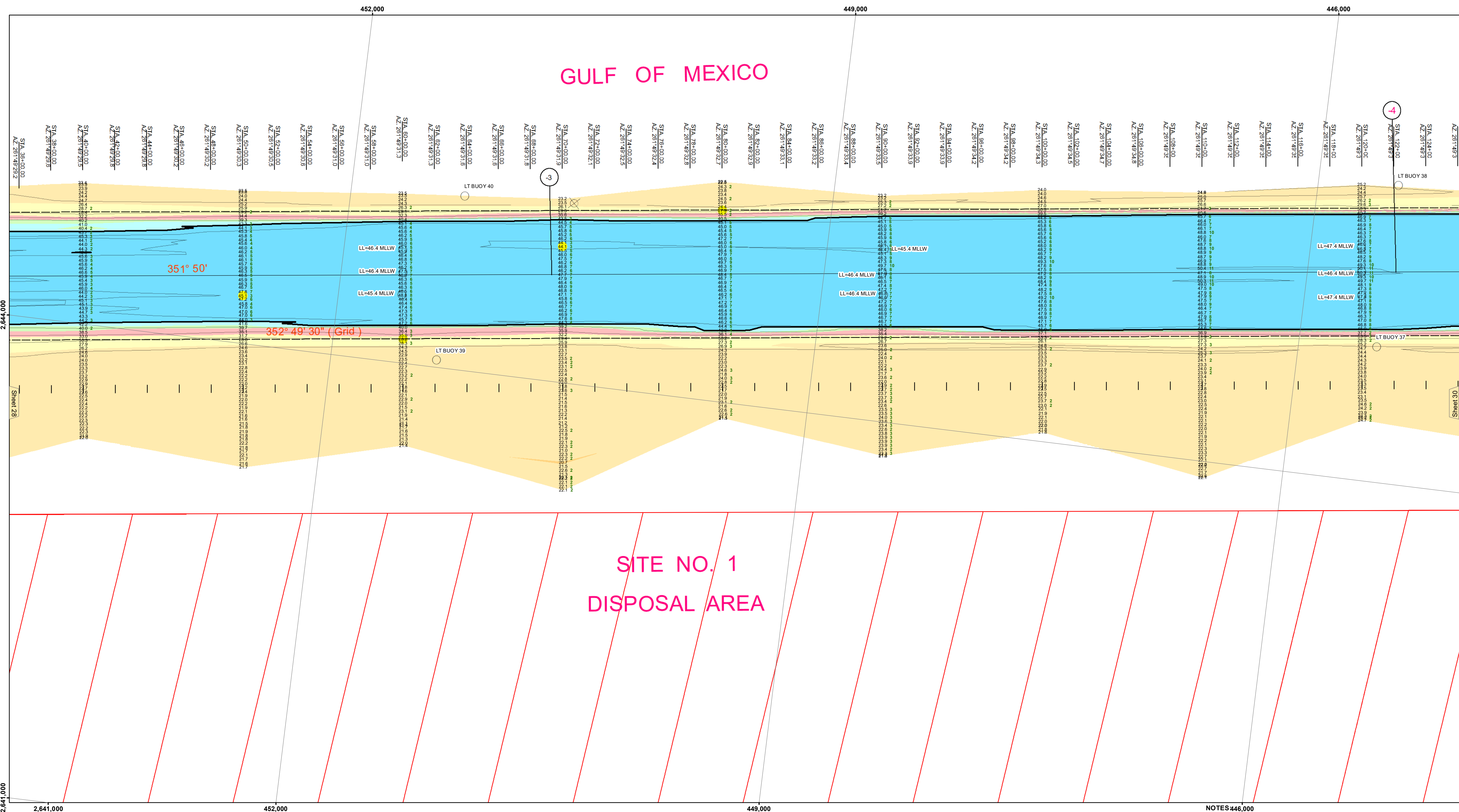
DISCLAIMER: The data represented on this map represents the results of a hydrographic survey conducted in accordance with the specifications of the United States Army Corps of Engineers. The user is responsible for the accuracy of the data and its application. The user is responsible for the accuracy of the data and its application. The user is responsible for the accuracy of the data and its application.

Submitted:	Surveyed By: SP/JS
Recommended:	Plotted By: BD
Approved:	Checked By: AD/JH

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

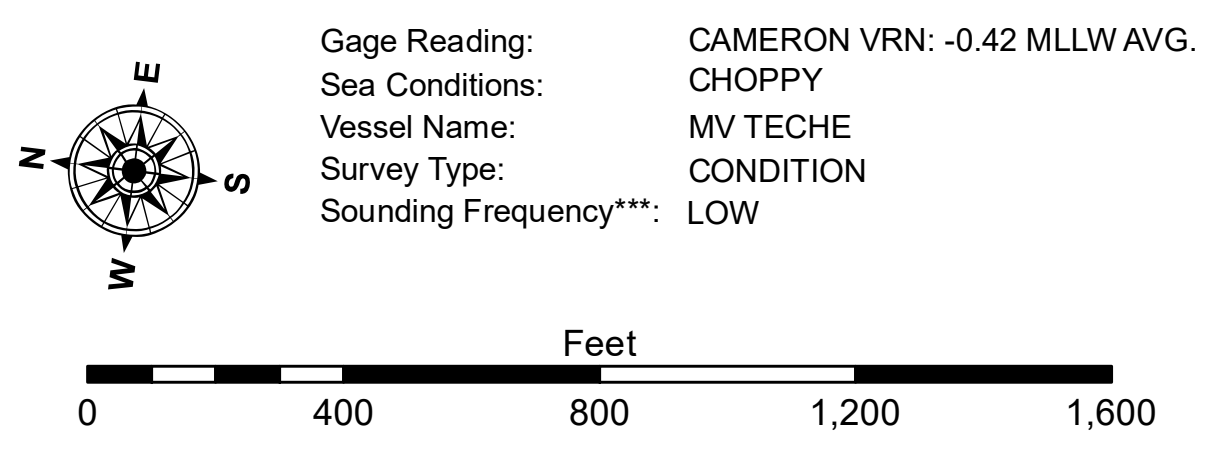
CALCASIEU SHIP CHANNEL
BAR SHEET 29
CR_29_BAR_20231017_CS
17 October 2023

Sheet Reference Number
29 of 53



LEGEND

--- Federal Navigation Channel	● Cable Area	3 Fluff Thickness (feet)*	-16' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	-16' to -21'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	-21' to -26'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	-26' to -33'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	-33' to -39'
			-39' to -41'
			-41' to -43'
			-43' and below



NOTES

Horizontal Datum: CAMERON VRN: -0.42 MLLW AVG.

Vertical Datum: CHOPPY

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.