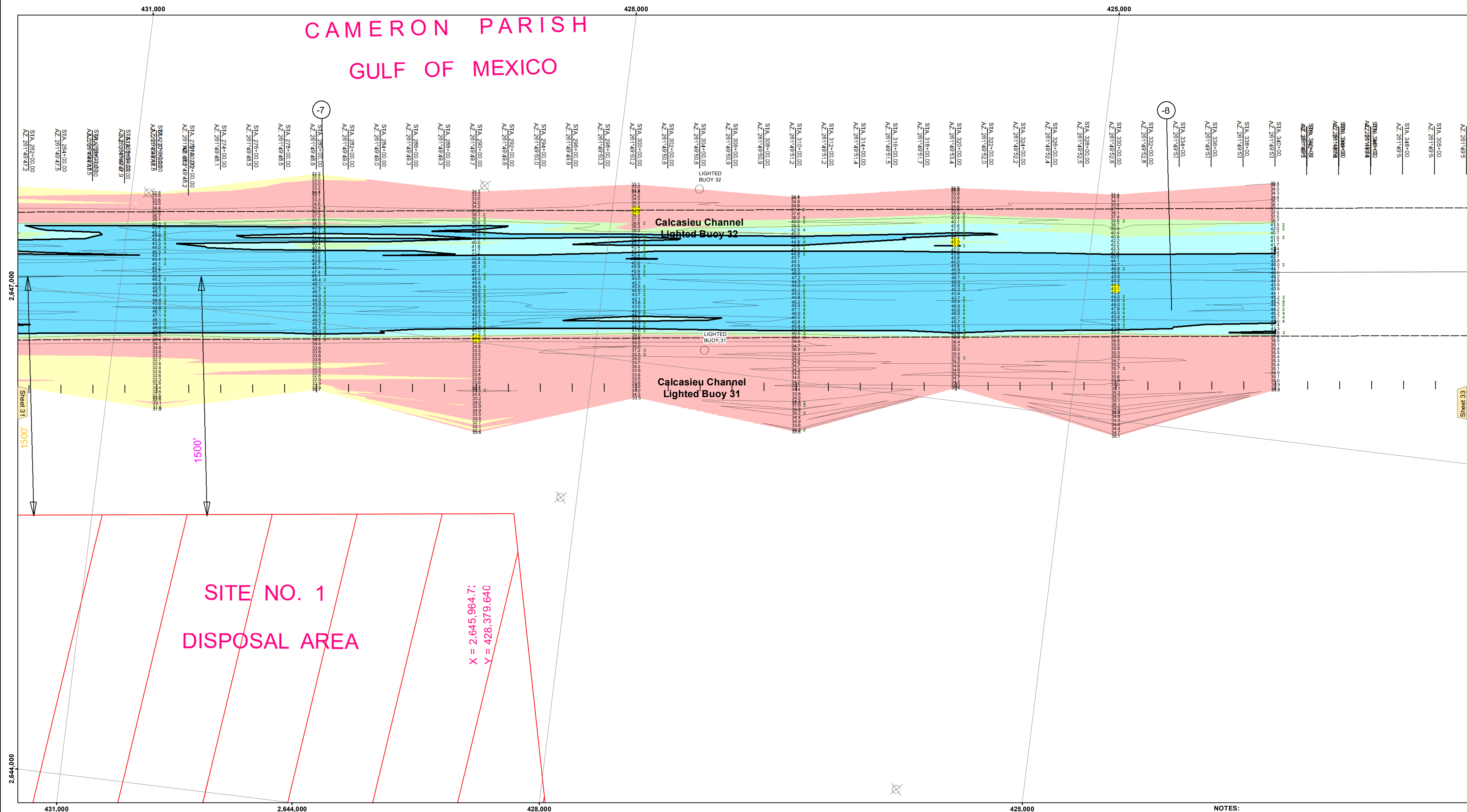


CAMERON PARISH GULF OF MEXICO

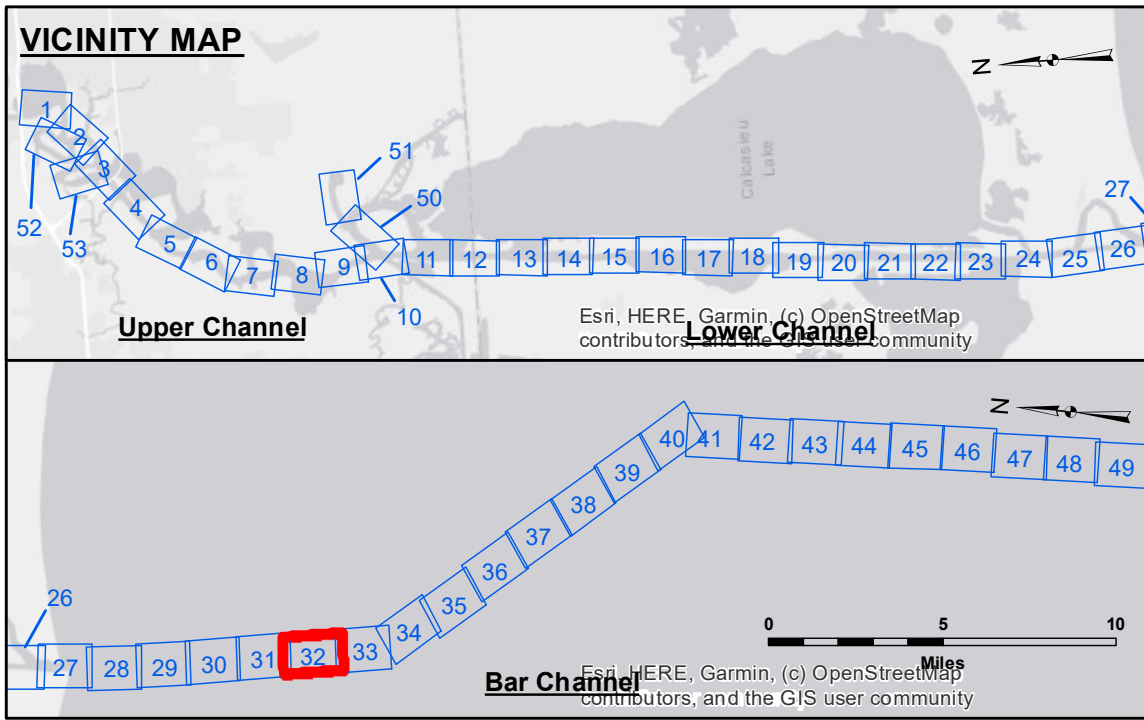


DISCLAIMER
Accession: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the information furnished. The user is responsible for the results of any use of the information furnished. Application of the data for other than the intended purpose is at the user's risk. The user is responsible for the results of any use of the data for other than the intended purpose. Data: Constant Hydrographic Survey data is subject to change rapidly due to several factors including but not limited to changing bathymetry, sedimentation, and other factors. The user is responsible for the results of any use of the data for other than the intended purpose. The information depicted on this map represents the results of a hydrographic survey conducted on the date of the survey and is not intended to represent the general condition existing at that time.

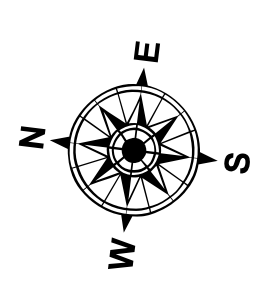
Submitted:	Surveyed By: SP-JS
Recommended:	Plotted By: JH
Approved:	Checked By: JH

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
Chief, Waterways Maintenance Section

**CALCASIEU SHIP CHANNEL
BAR SHEET 32
CR_32_BAR_20240829_BD
29 August 2024**



LEGEND		Fluff Thickness (feet)*	
--- Federal Navigation Channel	○ Cable Area	3	-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



Gage Reading: CAMERON VRN: 2.33 MLLW AVG
Sea Conditions: CHOPPY
Vessel Name: MV TECHE
Survey Type: CONDITION
Sounding Frequency***: LOW

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.

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