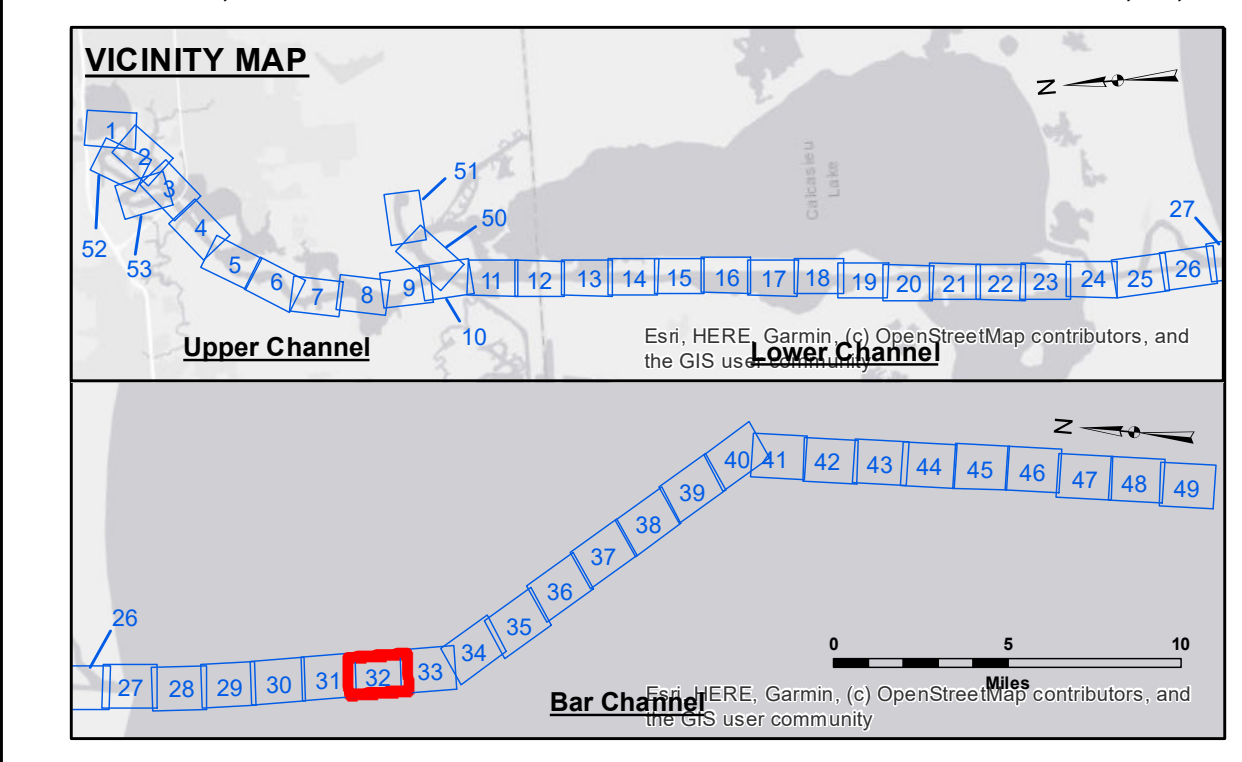
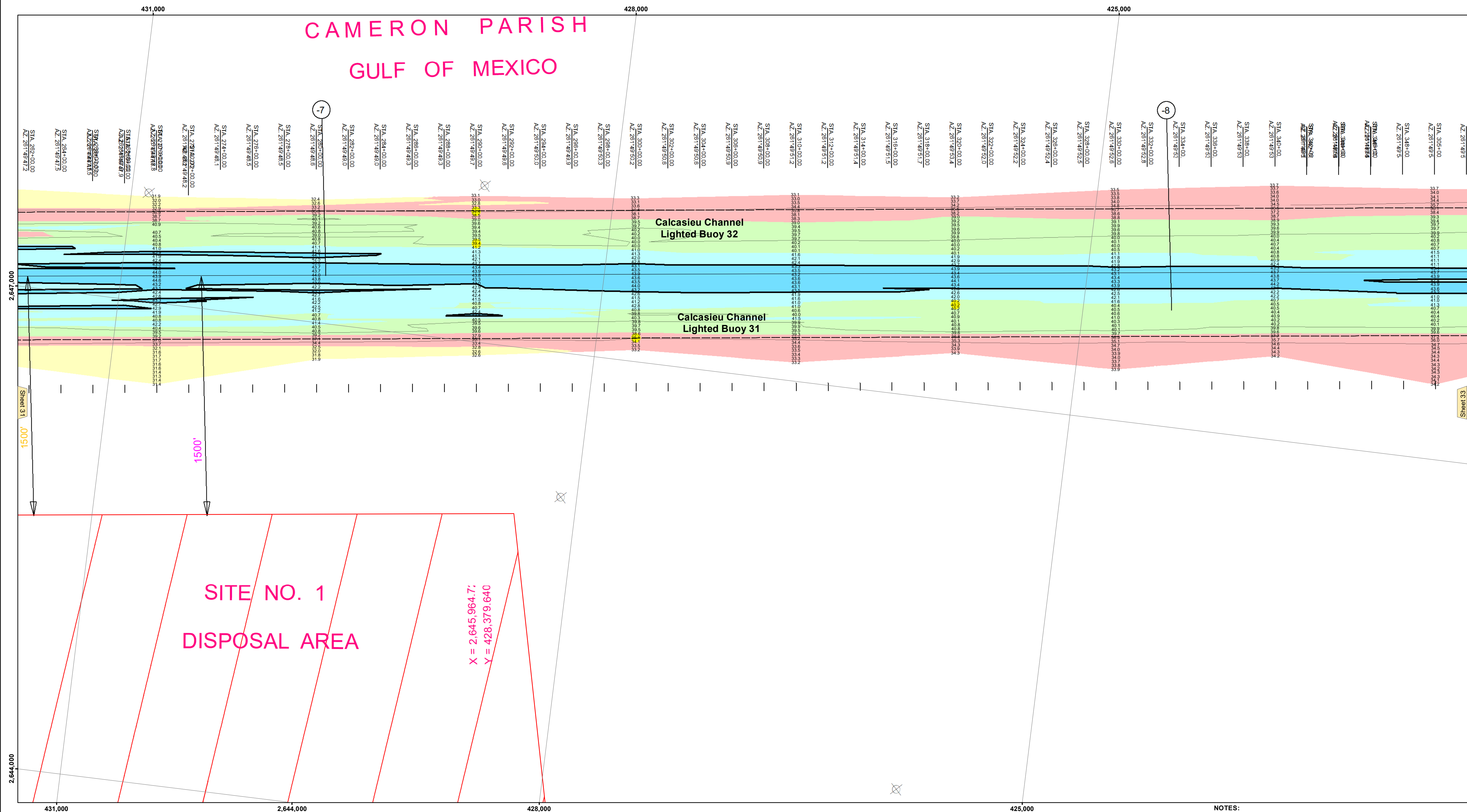


CAMERON PARISH GULF OF MEXICO



LEGEND

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

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 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.

Gage Reading: NOAA CALC PASS: 2.5' MLLW AVG
Sea Conditions: CALM
Vessel Name: SV TURPIN
Survey Type: CONDITION
Sounding Frequency***: HIGH

Scale: 0 400 800 1,200 1,600 Feet



DISCLAIMER

The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are provided for informational purposes only. The recipient is responsible for the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data. The recipient shall not be held liable for any damages, including but not limited to, direct, indirect, special, incidental, or consequential damages, arising out of the use of the data. The recipient shall not be held liable for any damages, including but not limited to, direct, indirect, special, incidental, or consequential damages, arising out of the use of the data. The recipient shall not be held liable for any damages, including but not limited to, direct, indirect, special, incidental, or consequential damages, arising out of the use of the data.

Submitted:	Surveyed By: SWG
Recommended: Chief, Survey Section	Plotted By: JH
Approved: Chief, Waterways Maintenance Section	Checked By: JH

**CALCASIEU SHIP CHANNEL
BAR SHEET 32
CR_32_BAR_20210916_CS_POSTIDA
16 September 2021**

**Sheet Reference Number
32 of 53**