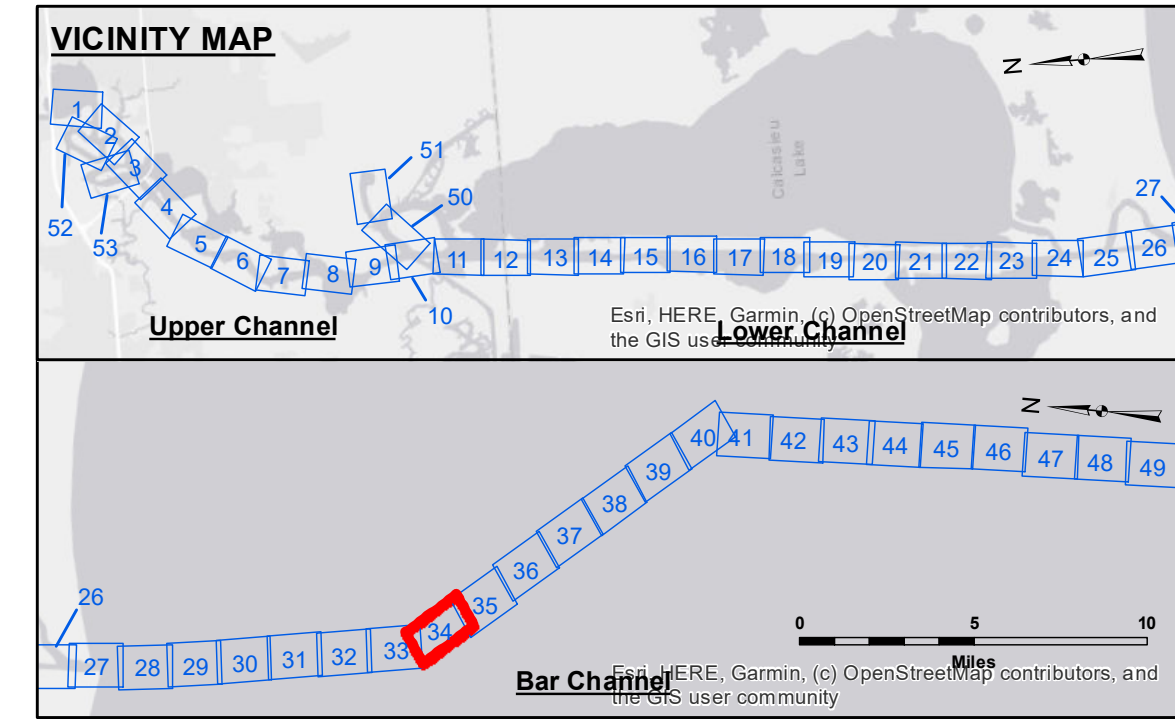


LC CURVE DATA
 $\Delta = 30^\circ 13'$
 $D = 1^\circ 00'$
 $T = 1546.85'$
 $L = 3021.67'$
 $R = 5729.58'$

GULF OF MEXICO

**SITE NO. 2
DISPOSAL AREA**



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

Gage Reading: CAMERON: 1.0 MLLW AVG
 Sea Conditions: CHOPPY
 Vessel Name: MV TECHE
 Survey Type: CONDITION
 Sounding Frequency***: LOW

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



US ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

Accession: 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 prepared, or implied concerning accuracy, completeness, reliability, or suitability for any particular purpose, or that the use of the data for other than intended purposes is not warranted. The user is responsible for the results obtained from the use of the data for other than intended purposes. No liability whatsoever is assumed by the Government under any law, regulation, or contract for any use of the data for purposes other than those for which they were prepared. The recipient may not transfer the data to others without also transferring the disclaimer. The information depicted on this map represents the results of a hydrographic survey conducted by the United States Army Corps of Engineers and is not to be used for any purpose other than that for which it was prepared. The user is responsible for the results obtained from the use of the data for other than intended purposes. No liability whatsoever is assumed by the Government under any law, regulation, or contract for any use of the data for purposes other than those for which they were prepared. The recipient may not transfer the data to others without also transferring the disclaimer. The information depicted on this map represents the results of a hydrographic survey conducted by the United States Army Corps of Engineers and is not to be used for any purpose other than that for which it was prepared. The user is responsible for the results obtained from the use of the data for other than intended purposes. No liability whatsoever is assumed by the Government under any law, regulation, or contract for any use of the data for purposes other than those for which they were prepared. The recipient may not transfer the data to others without also transferring the disclaimer.

Submitted:	SP-JS	Floted By:	AO	Checked By:	BD
Recommended:	Chart Survey Section				
Approved:	Chief, Waterways Maintenance Section				

CALCASIEU SHIP CHANNEL
BAR SHEET 34
CR_34_BAR_20231116_CS
16 November 2023

Sheet Reference Number
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