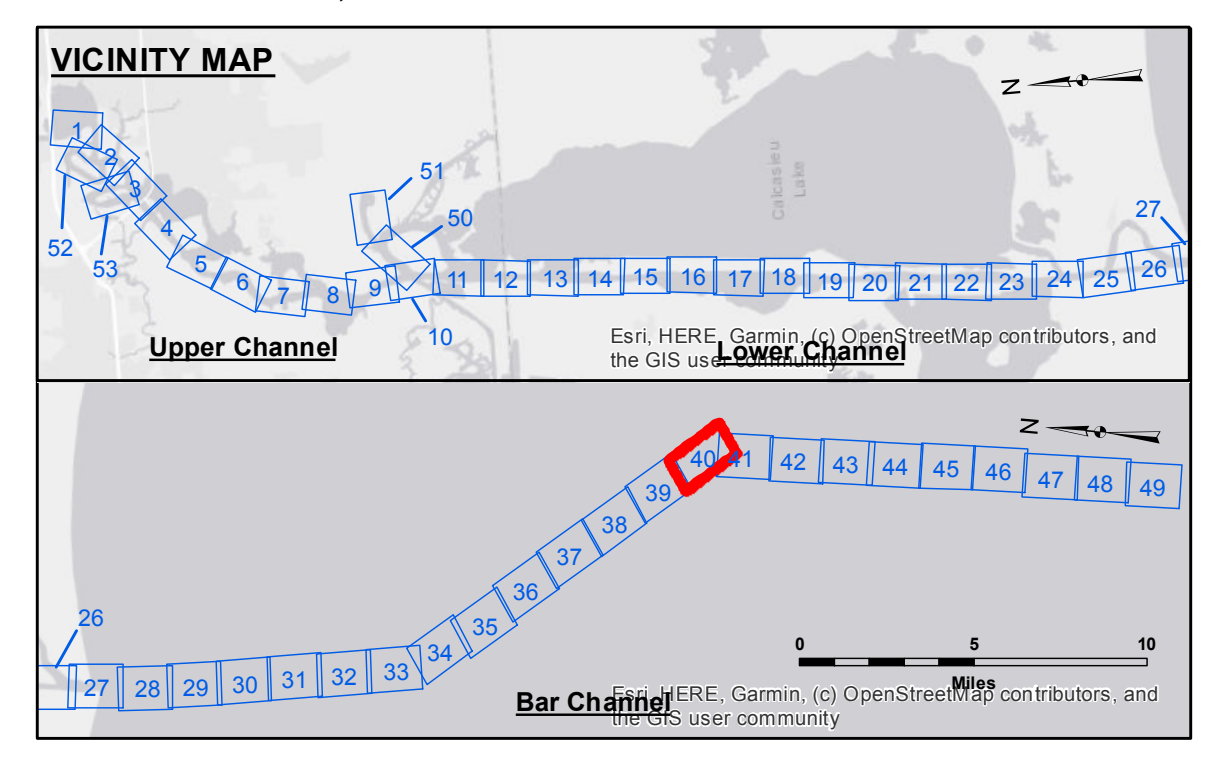


LC CURVE DATA
 $\Delta = 1^\circ 00'$
 $D = 37' 20''$
 $T = 1935.64'$
 $L = 3733.33'$
 $R = 5729.58'$

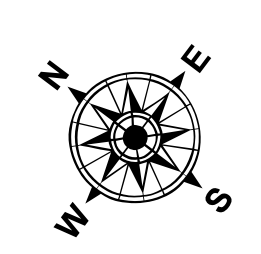
TARGA RESOURCES PIPELINE
 STA. 901+81
 12.75" GAS
 EL. -50.0 MLLG.

**SITE NO. 2
 DISPOSAL AREA**

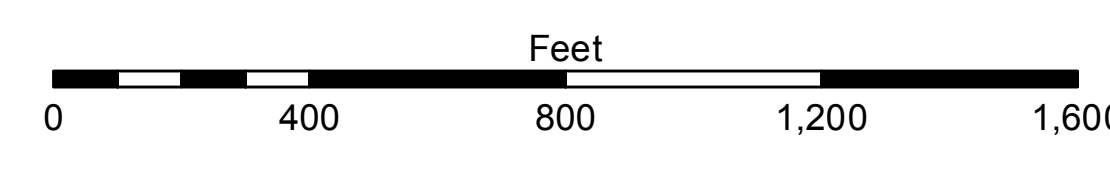
GULF OF MEXICO



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



Gage Reading: VRS NTRIP: 0.9 MLLW AVG
 Sea Conditions: CALM
 Vessel Name: MV LAFOURCHE
 Survey Type: CONDITION
 Sounding Frequency***: LOW



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' 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.
 2015 Aerial Photography data source: NAIP
 Reference is N.O.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.



DISCLAIMER
 Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is not intended for use in any other project or application. The user is responsible for the results and accuracy of the data for their own intended purposes. The application of the data for other than its intended purpose may result in injury or damage to persons or property. The US Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of the survey. The information depicted on this map represents the results of a survey conducted on or about the date shown. It is not intended to represent the general condition existing at that time.

Submitted:	Surveyed By: SP/PS
Recommended:	Plotted By: JH
Approved:	Checked By: JH

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

**CALCASIEU SHIP CHANNEL
 BAR SHEET 40
 CR_40_BAR_20220316_CS
 16 March 2022**

**Sheet Reference Number
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