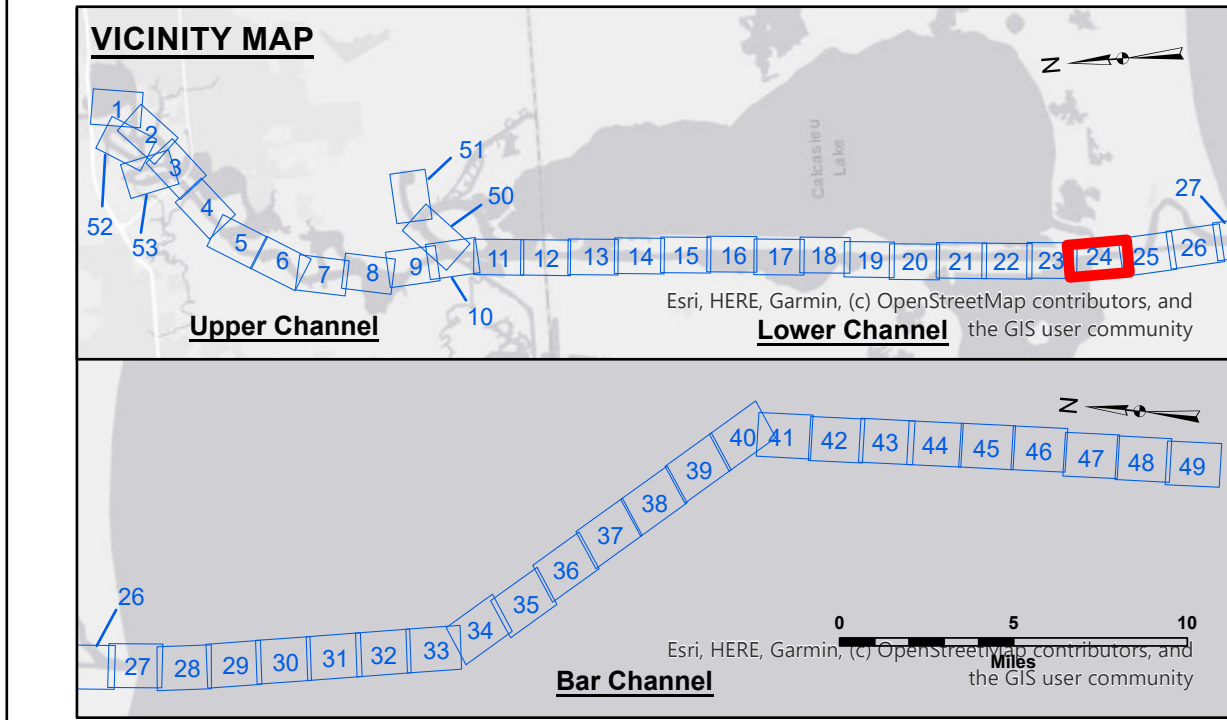
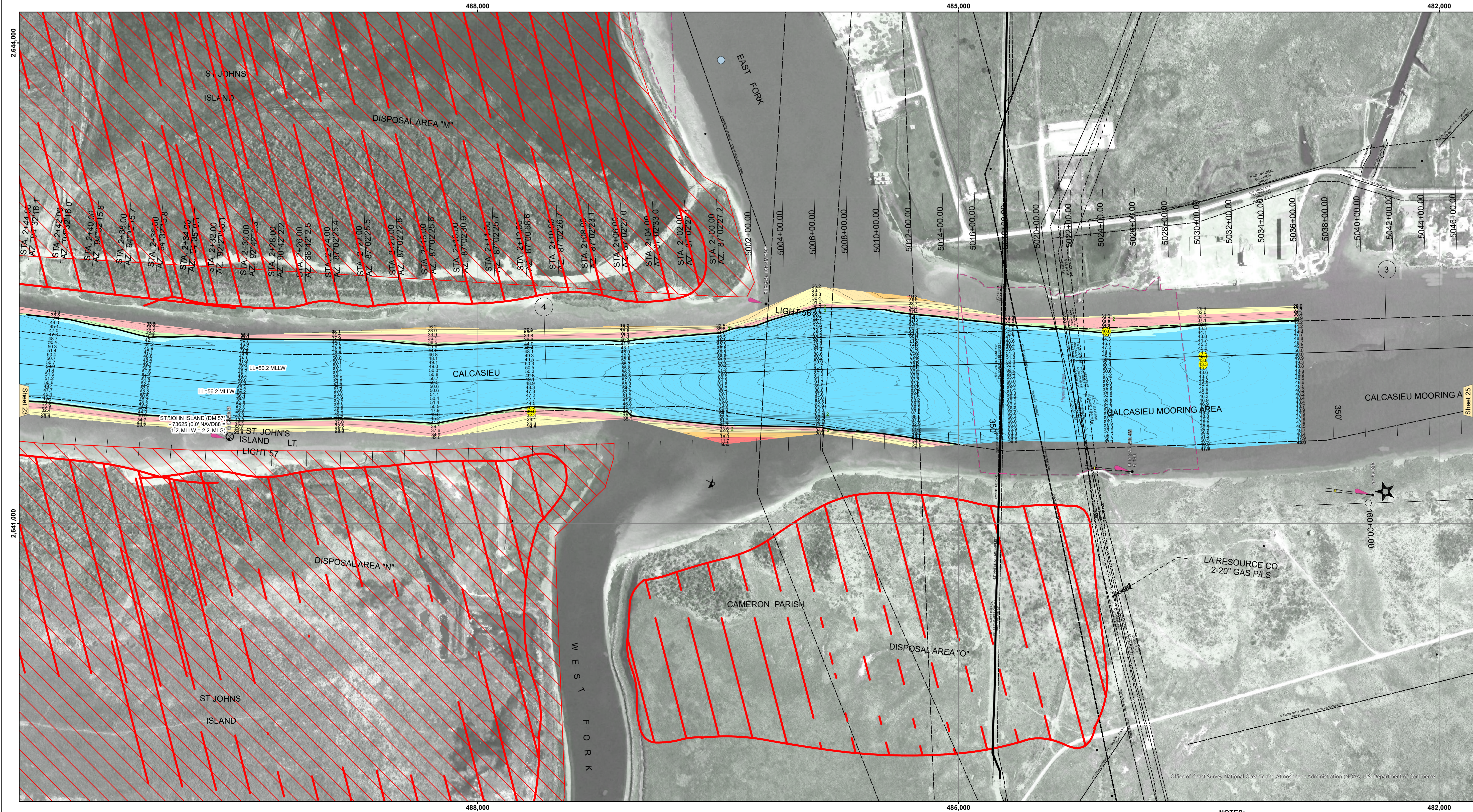
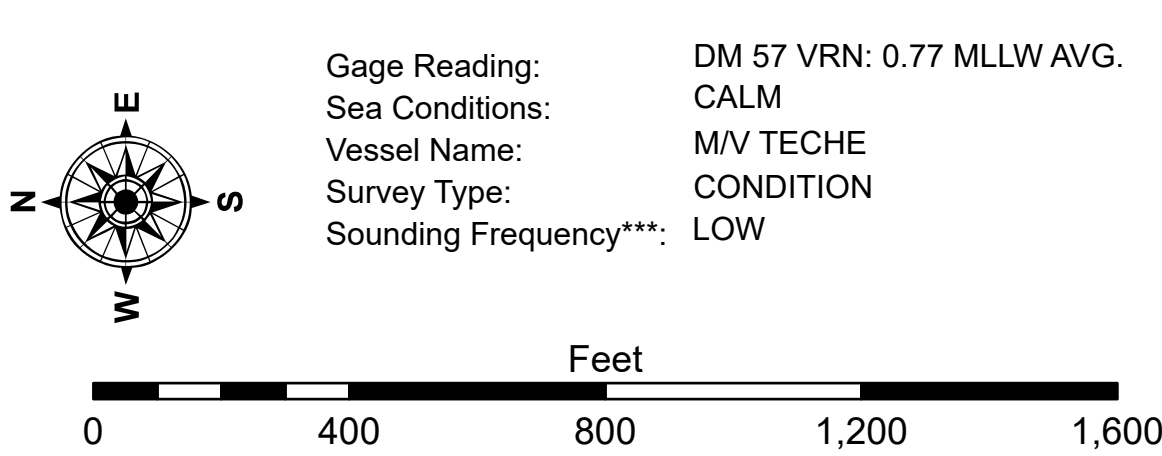




LEGEND			
Federal Navigation Channel	Placement Area	Fluff Thickness (feet)*	-16' and above
Federal Navigation Center Line	Anchorage Area	Shoalest Sounding**	-16' to -21'
As-built Pipeline/Cable	Obstruction Point	Beacon, General	-21' to -26'
Unconfirmed Pipeline/Cable	Wrecks-Submerged	Red Navigation Buoy	-26' to -33'
Project Depth Contour		Green Navigation Buoy	-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 73625 as of December 2013:
0.0' NAVD83 (2009.55) = 1.2' MLLW = 2.2' 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.

2022 Aerial Photography data source: PAR LLC

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.



DISCLAIMER

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 originally prepared, or implied concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data. The user is responsible for the results of any application of the data for other than its intended purpose. The data are not to be used for any purpose other than that for which they were originally prepared, or implied concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data. The user is responsible for the results of any application of the data for other than its intended purpose.

The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The data are not to be used for any purpose other than that for which they were originally prepared, or implied concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data. The user is responsible for the results of any application of the data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS			
Submitted:	Surveyed By: SPJS	Plotted By: BD	Checked By: AOJH
Recommended:	Chief, Survey Section		
Approved:	Chief, Waterways Maintenance Section		

CALCASIEU SHIP CHANNEL
LOWER SHEET 24
CR_24_LWR_20250317_CS
17 March 2025

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