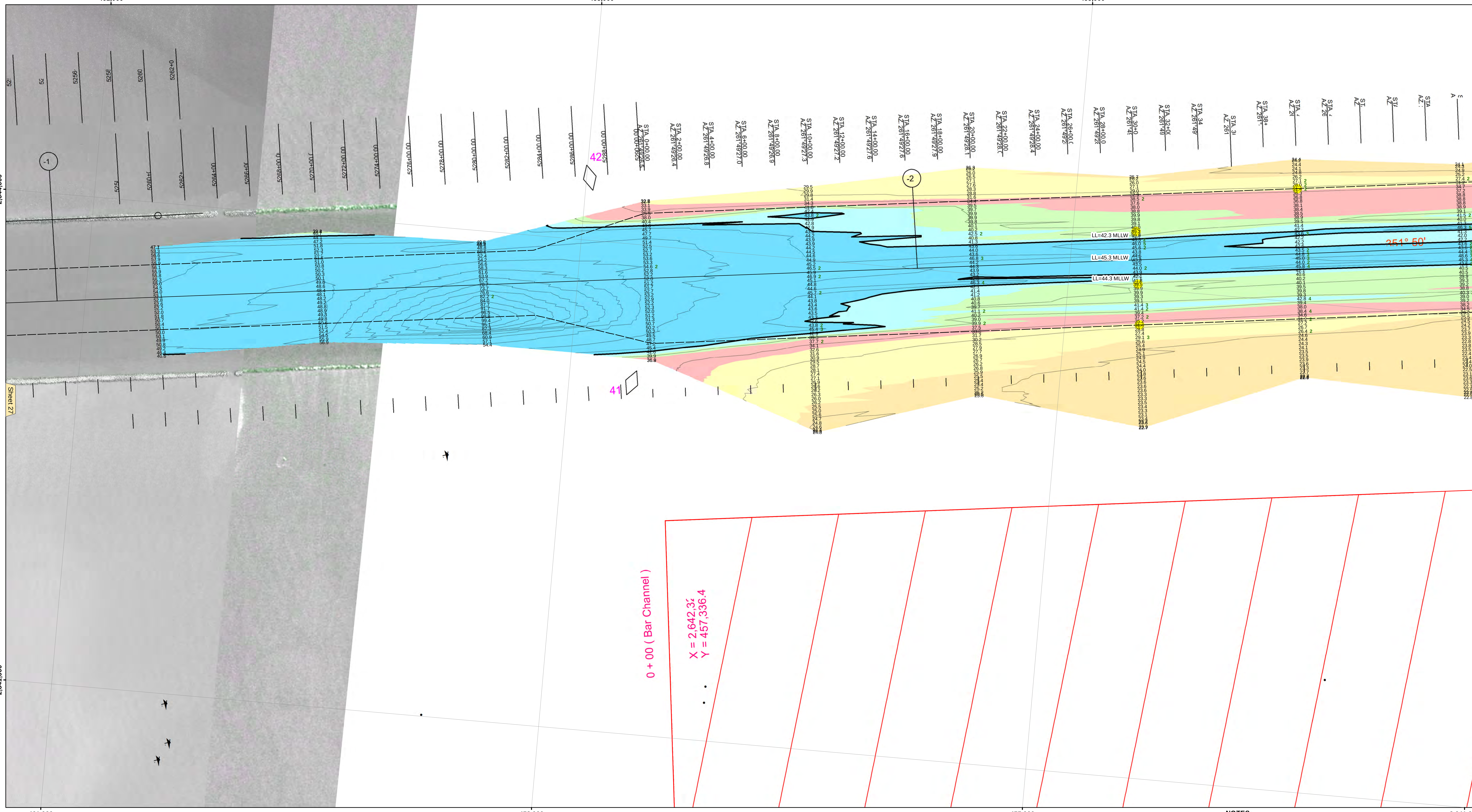

US Army Corps of Engineers
District: CEMVN

DISCLAIMER

Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

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Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Prudent mariners should not rely solely upon it.

Surveyed By: SP,JS
Plotted By: BD
Checked By: AO/JH

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

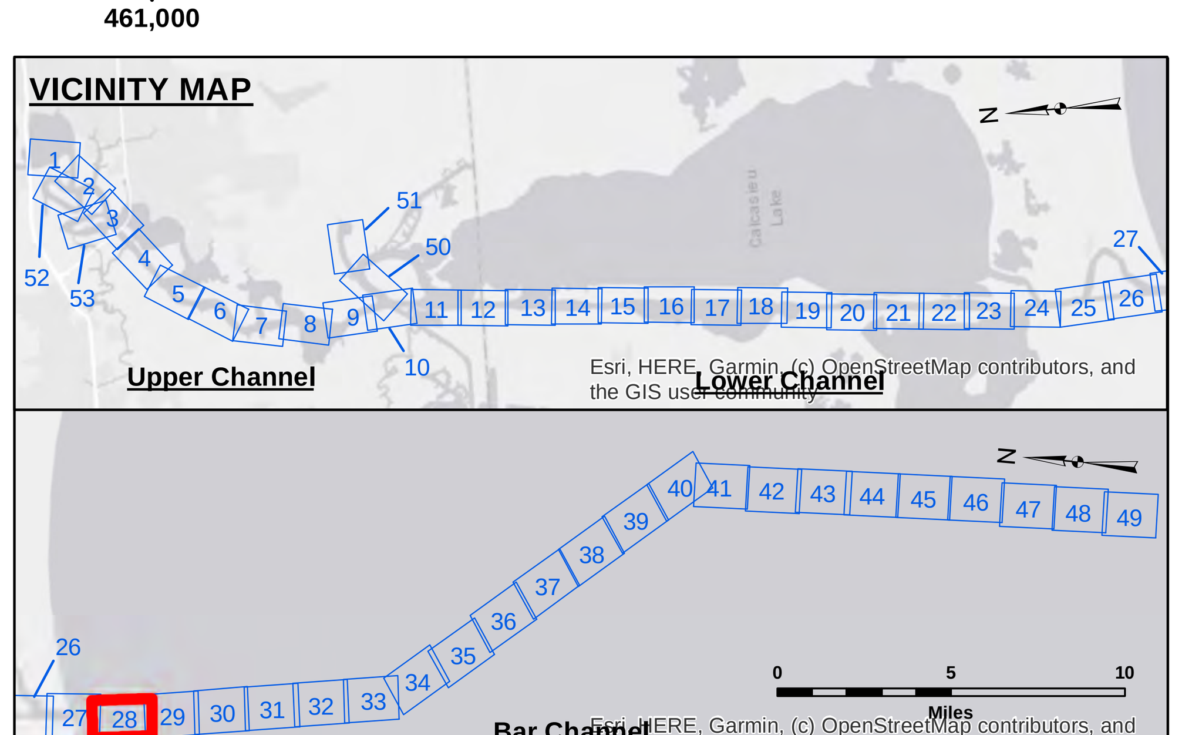
Submitted:
Recommended: Chief, Survey Section
Approved: Chief, Waterways Maintenance Section

CALCASIEU SHIP CHANNEL
BAR SHEET 28
CR_28_BAR_20240805_CS
05 August 2024

Sheet Reference Number
28 of 53

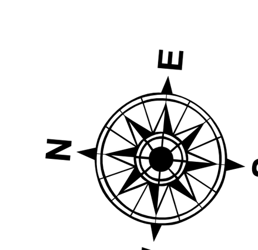
Revision Number:
4.2-20200420

VICINITY MAP



LEGEND

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



Feet
0 400 800 1,200 1,600

Gage Reading:	CAMERON VRN: 1.71 MLLW
Sea Conditions:	CLAM
Vessel Name:	M/V TECHE
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' 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.

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 consoldiated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.