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Data Constraints: Hydrographic survey data is subject to change rapidly due to natural factors including but not limited to dredging activity and seasonal 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 the survey. The Corps does not accept responsibility for engineering internal use. Prudent mariners should not rely solely upon it.

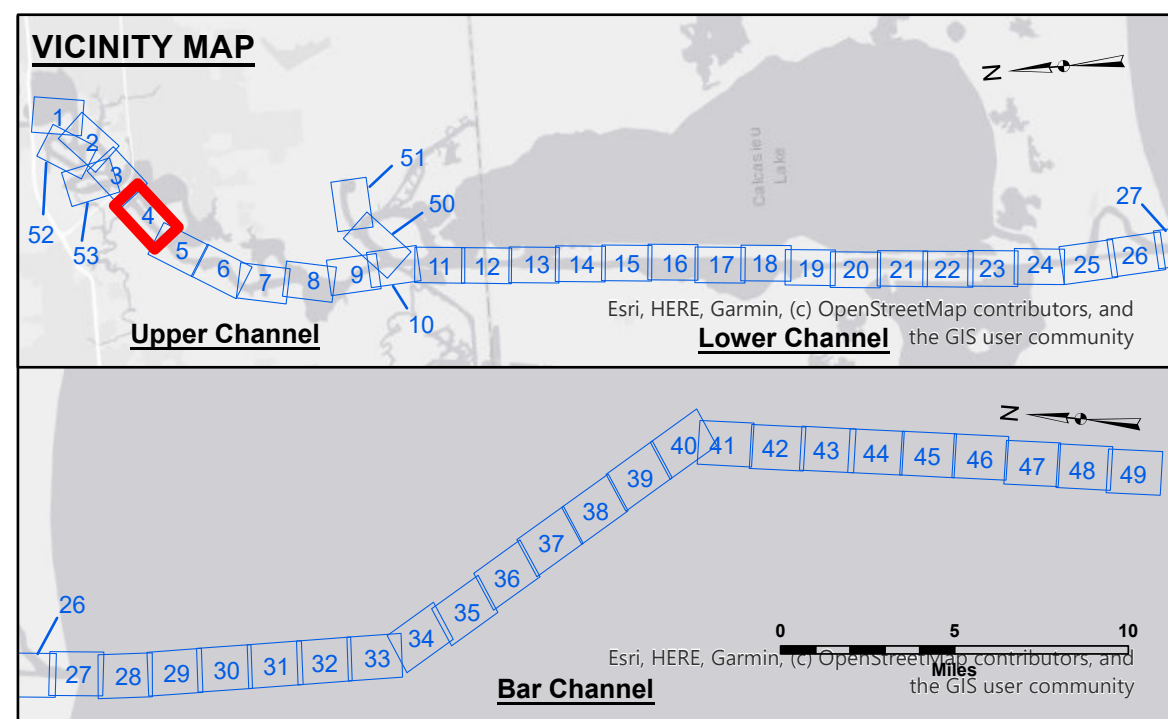
DISCLAIMER The United States Government furnishes these data and the recipient accepts and uses them with the understanding that the US Government makes no warranties, expressed, implied or suitability for any particular purpose of the information and this data furnished. The United States shall be made 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.
























U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		Surveyed By: SP- <u>MF</u>
Submitted _____		
Recommended _____	Chief, Survey Section	Plotted By BD
Approved _____	Chief, Waterways Maintenance Section	Checked By: AOJH

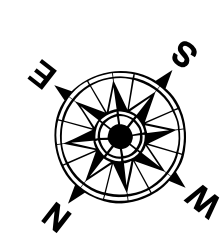
CALCASIEU SHIP CHANNEL
 UPPER SHEET 4
 CR_04_UPR_20251218_PR
 18 December 2025

Sheet
Reference
Number
4 of 53

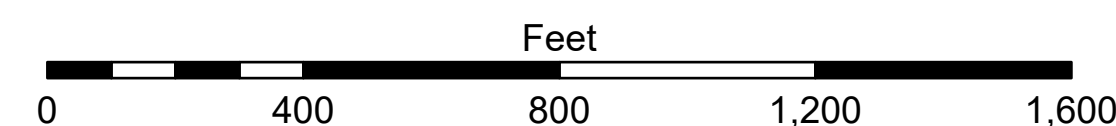
Revision Number:
5.25.08.04-5.25.08.04



- | LEGEND | | | | | | | |
|---|--------------------------------|---|-------------------|---|-------------------------|---|----------------|
|  | Federal Navigation Channel |  | Cable Area |  | 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: DM 102 VRN: 0.31 MLLW
Sea Conditions: CALM
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 73565 as of December 2013:
 0.0' NAVD88 (OPUS 2013) = 0.6' MLLW = 1.6' 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.