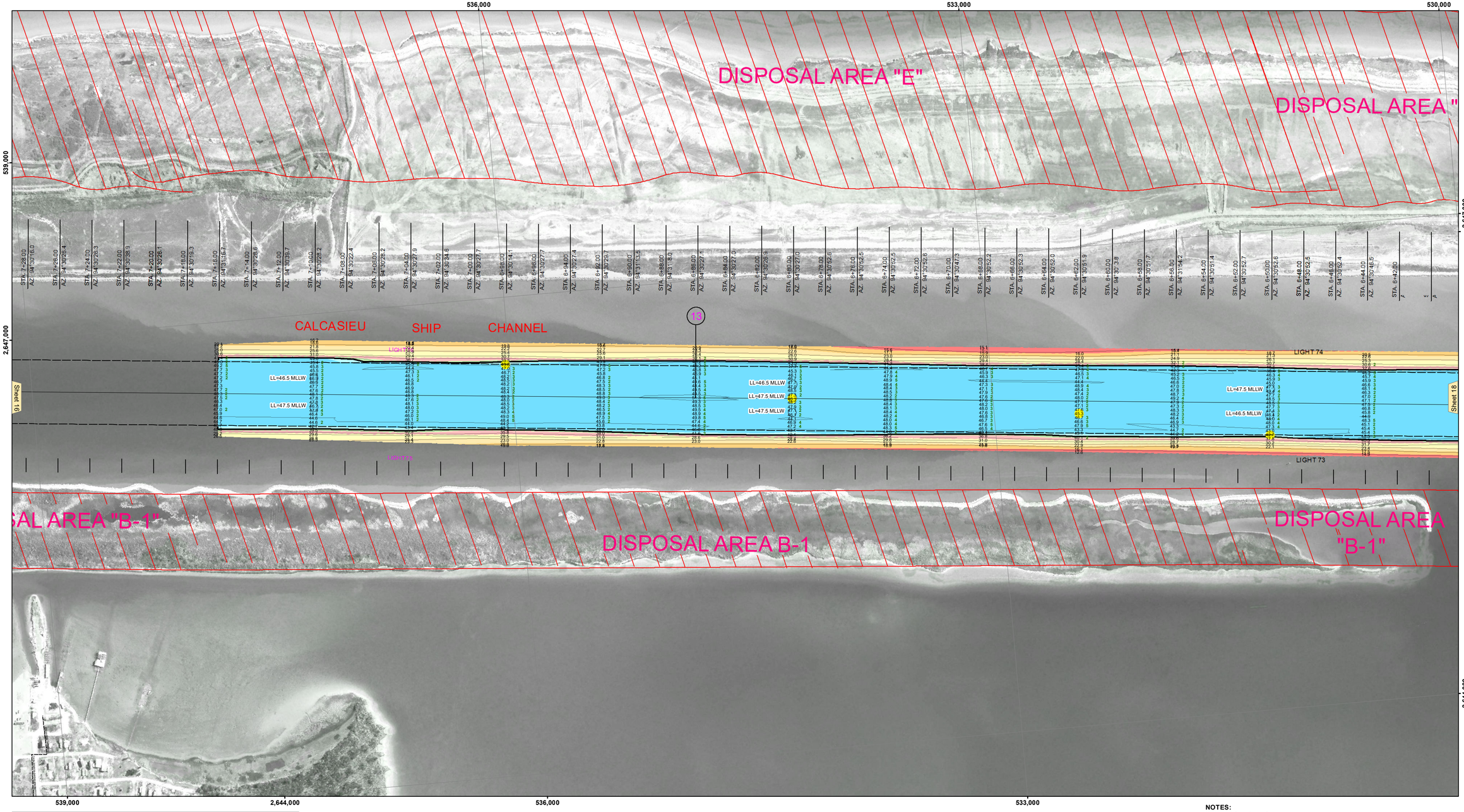

US Army Corps of Engineers
District: CEMVN

Distribution Liability: The data represents the results of data collection efforts at a specific point in time and may not be representative of the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy as indicated in the metadata and/or survey report. The use of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change over time due to environmental processes such as shoaling activity and natural sloughing and scouring processes. The U. S. Government assumes no responsibility for changes occurring in the hydrographical conditions which develop after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Project environment listed for this survey type is:

DISCLAIMER
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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 conditions existing at this time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

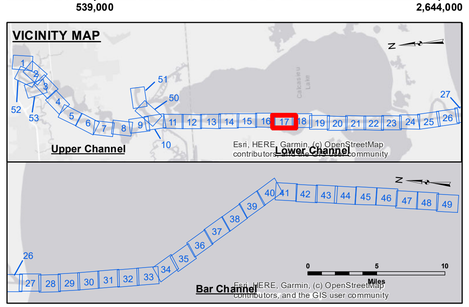
Surveyed By: SP,JS	Plotted By: JH	Checked By: JH	
Submitted:	Recommended: Chief, Survey Section	Approved: Chief, Waterways Maintenance Section	

CALCASIEU SHIP CHANNEL
LOWER SHEET 17
CR_17_LWR_20231129_CS
29 November 2023

Sheet Reference Number
17 **of** 53

Revison Number:
4.2-20200420

VICINITY MAP



LEGEND

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

Gage Reading:	DM 72 VRS RTK: 0.46 MLLW AVG
Sea Conditions:	CALM
Vessel Name:	MV TECHE
Survey Type:	CONDITION
Sounding Frequency***:	LOW

Feet
0 400 800 1,200 1,600

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 73615 as of December 2013:
0.0' NAVD88 (2009.55) = 1.1' MLLW = 2.1' 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.