



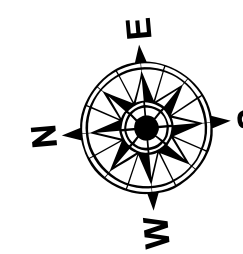
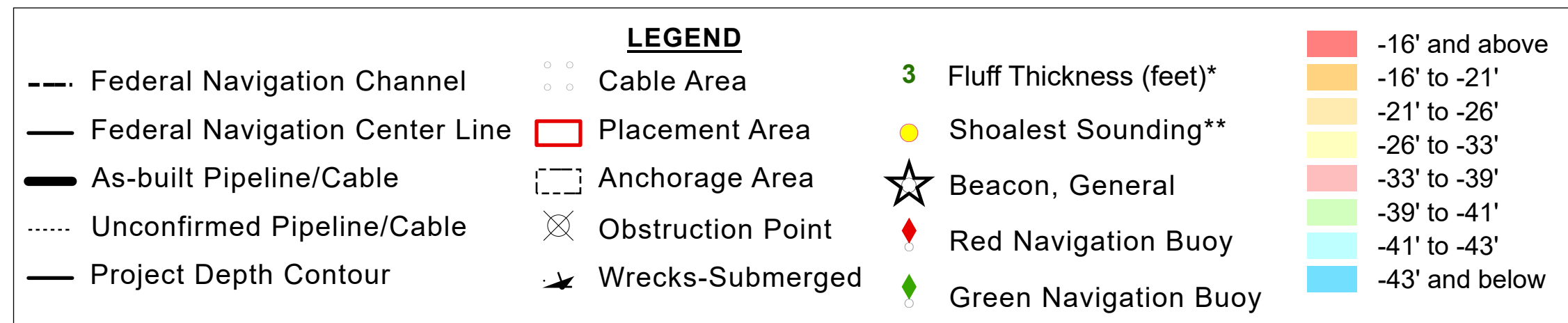
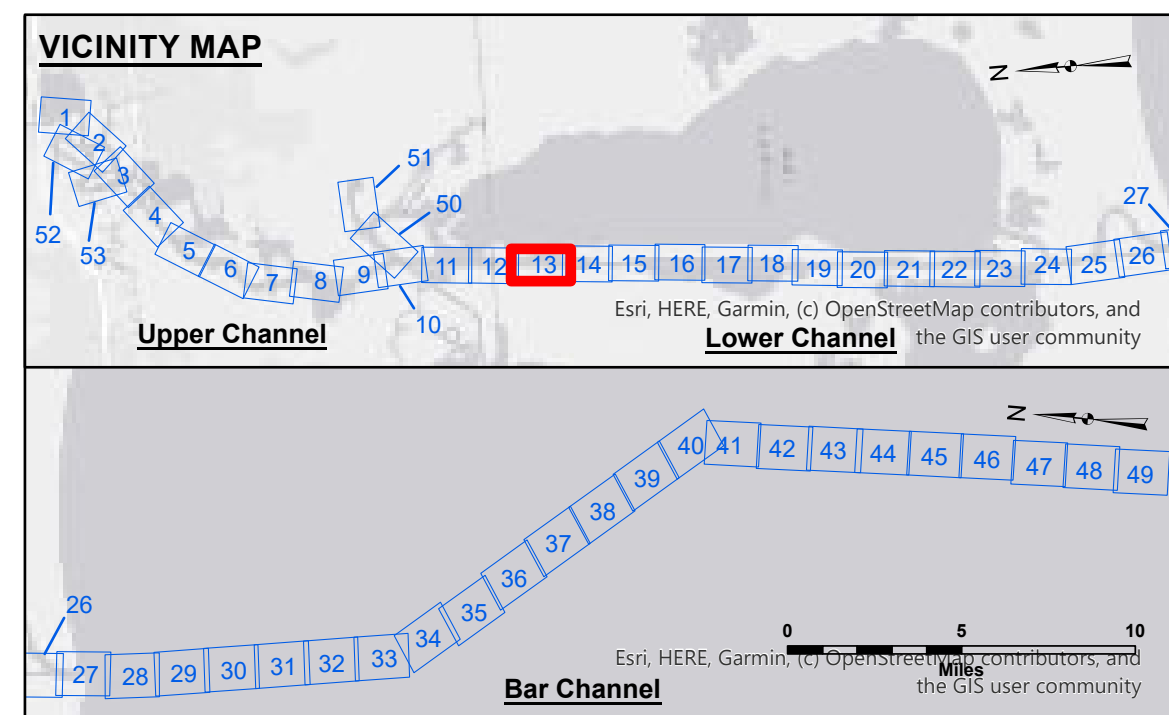
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U.S. ARMY CORPS OF ENGINEERS	
Submitted _____	Surveyed By: SP, JS
Recommended: Chief Survey Section _____	Plotted By: JH
Approved: Chief Waterways Maintenance Section _____	Checked By: JH

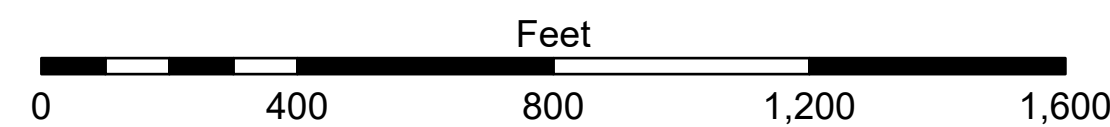
CALCASIEU SHIP CHANNEL
LOWER SHEET 13
CR_13_LWR_20250625_CS
25 June 2025

**Sheet
Reference
Number**
13 of 53

Revision Number:
5.25.04.03-5.25.04.03



Gage Reading: DM 86: 2.10 MLLW
Sea Conditions: CALM
Vessel Name: MV TECHE
Survey Type: CONDITION
Sounding Frequency***: LOW



**560,000
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 73595 as of December 2013:
0.0' NAVD88 (OPUS 2013) = 0.9' MLLW = 1.9' MGL or 0.0' MLLW = 1.0' MGL

Differences 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 bot-
tom material. Low frequency accuracies may vary depending on channel conditions and bathometer
settings.