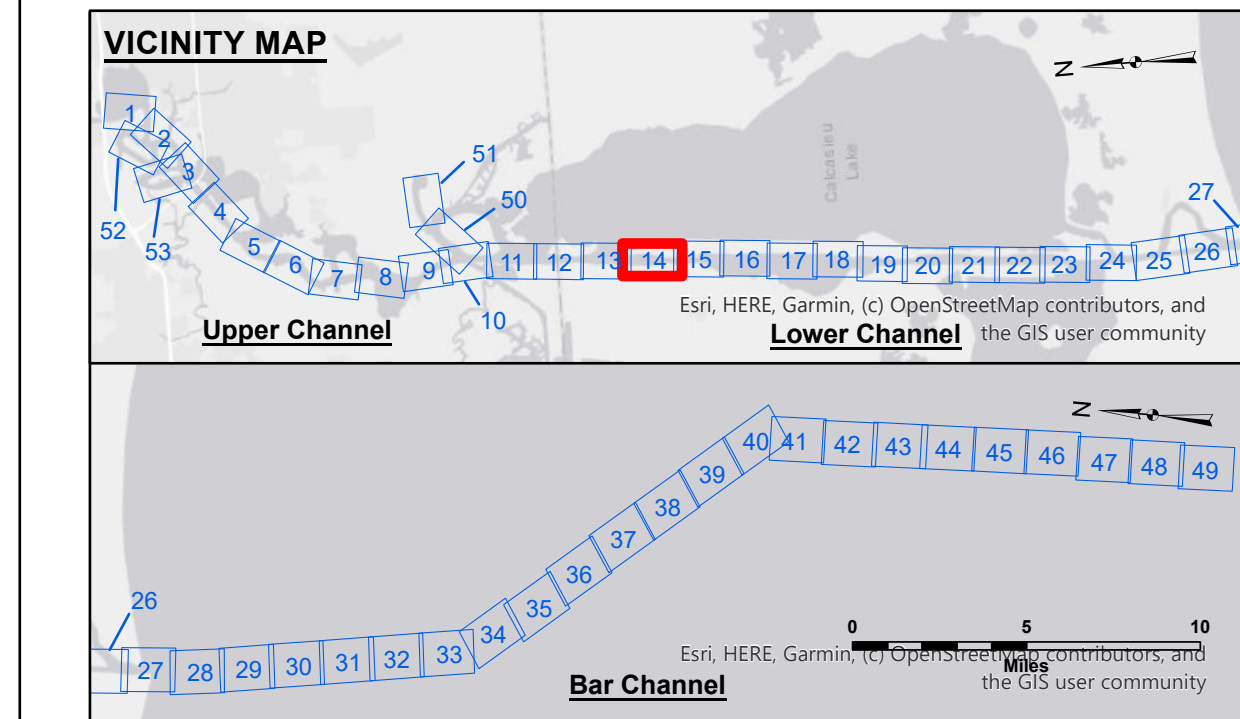
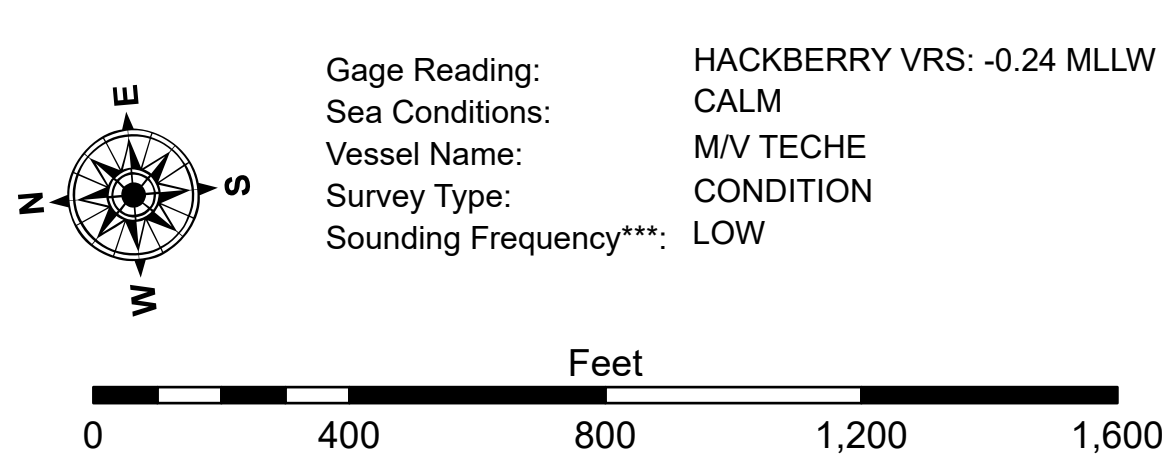




LEGEND							
 Federal Navigation Channel	 Cable Area	 Fluff Thickness (feet)*	 -16' and above				
 Federal Navigation Center Line	 Placement Area	 Shoalest Sounding**	 -16' to -21'				
 As-built Pipeline/Cable	 Anchorage Area	 Beacon, General	 -21' to -26'				
 Unconfirmed Pipeline/Cable	 Obstruction 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				



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)
for NOAA Databases for gate 73600 as of December 2013.
 $0.0' \text{ NAD83 (OPUS 2016)} = 1.0' \text{ MLLW} = 2.0' \text{ MLG}$ or $0.0' \text{ MLLW} = 1.0' \text{ MLG}$

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. 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)
data normally penetrates through this "fluff" layer to depict elevations of consolidated bottom
material. Low frequency accuracies may vary depending on channel conditions and bathymeter
settings.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		Surveyed By: SPMF _____
Submitted _____		
Recommended: Chief, Survey Section _____		Plotted By: BD _____
Approved: Chief, Waterways Maintenance Section _____		Checked By: AOJH _____

CALCASIEU SHIP CHANNEL
LOWER SHEET 14
CR_14_LWR_20260114_CS
14 January 2026

**Sheet
Reference
Number**
14 of 53

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**US Army Corps
of Engineers
District: CEMVN**