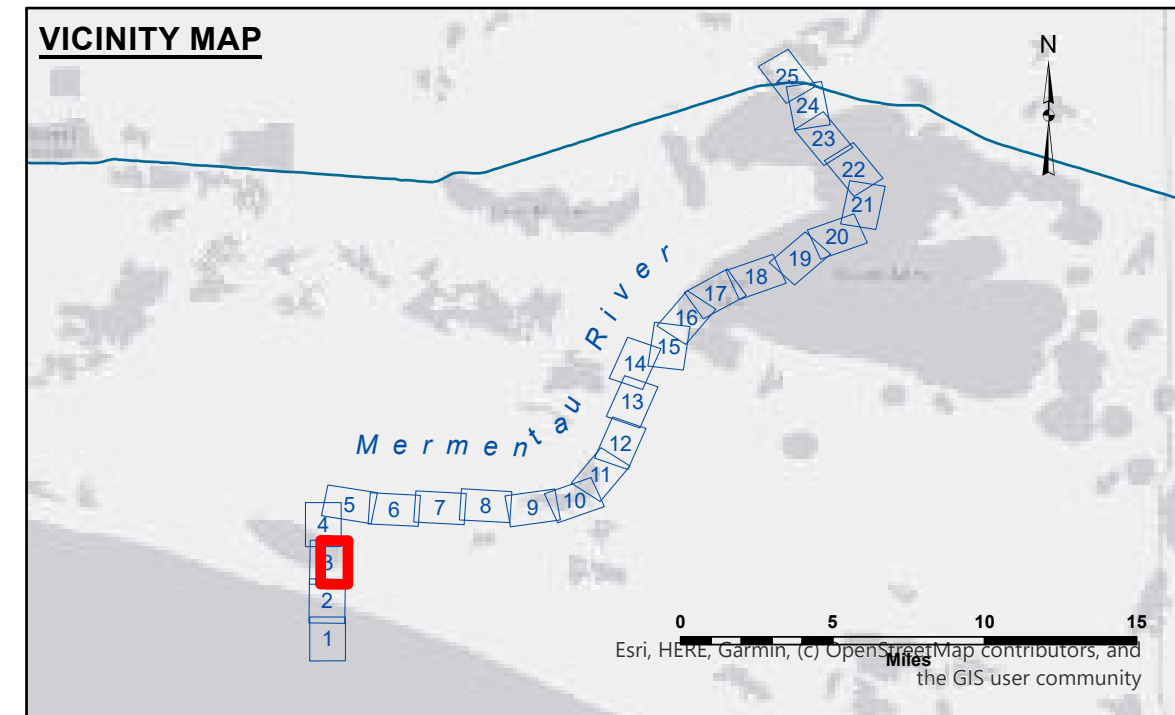
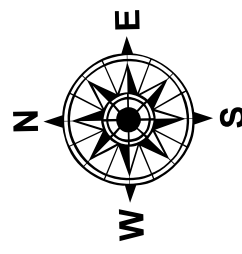




LEGEND

--- Federal Navigation Channel	 Cable Area	 Borrow Area
— Federal Navigation Center Line	 Placement Area	 Shoalest Sounding**
 As-built Pipeline/Cable	 Anchorage Area	 Beacon, General
..... Unconfirmed Pipeline/Cable	 Obstruction Point	 -15' and above
— Project Depth Contour	 Wrecks-Submerged	 -15' and below
		 Red Navigation Buoy
		 Green Navigation Buoy



Gage Reading: HWY 82 VRN: 4.37 MLG AVG
Sea Conditions: CHOPPY
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 Low Gulf Datum (MLG)

The location of navigation aids are base on and provided by the U.S. Coast Guard.

2021 Aerial Photography data source: NAIP

Reference is N.O.A.A. Navigation Chart No. 11344 and 11348

** 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.



US Army Corps
of Engineers
District: CEMVN

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Submitted _____	Surveyed By: SPJS _____
Recommended: _____ Chief, Survey Section	Plotted By: BD _____
	Checked By: _____

MERMENTAU RIVER
BAY CHANNEL
MM_03_BAY_20250501_CS
01 May 2025

Sheet
Reference
Number
3 of 25

Revision Number:
5.25.04.03-5.25.04.03