

US Army Corps of Engineers District: CEMVN

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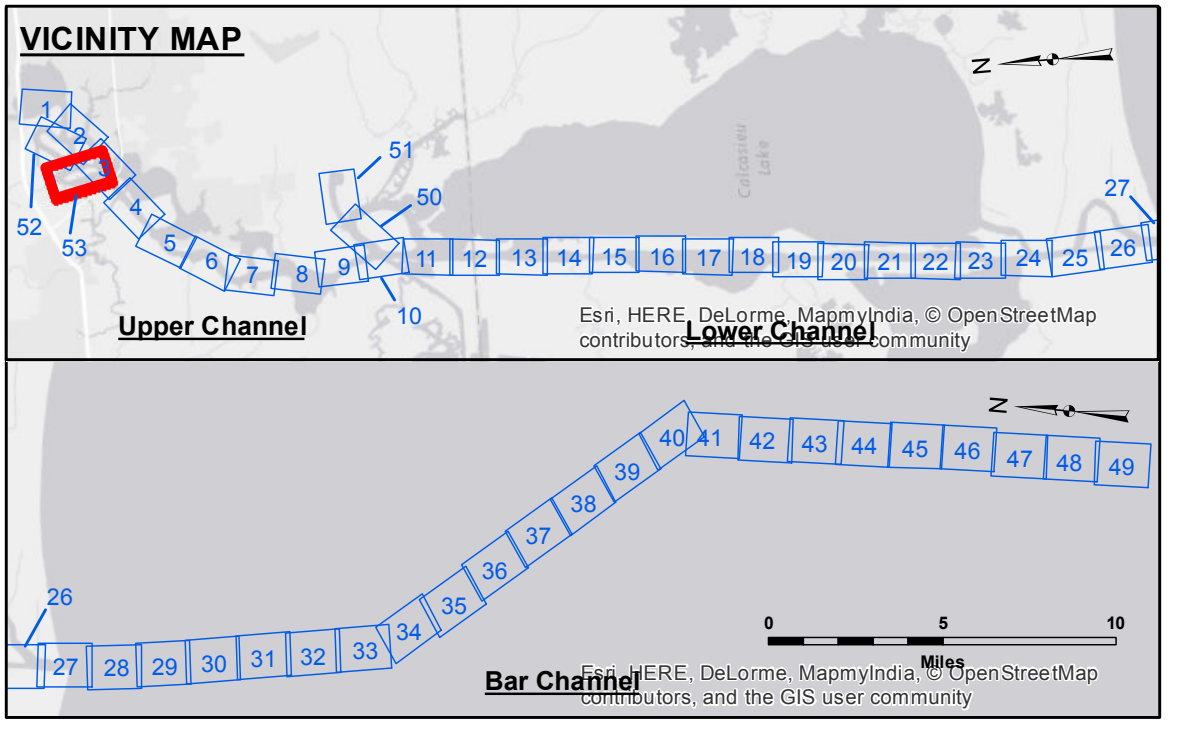
DISCLAIMER: The information depicted on this map represents the results of a survey conducted on the date shown. It is not intended to represent the general condition existing at that time.

Submitted:	Surveyed By: JA, JH
Recommended:	Plotted By: BTJ
Approved:	Checked By: TAF

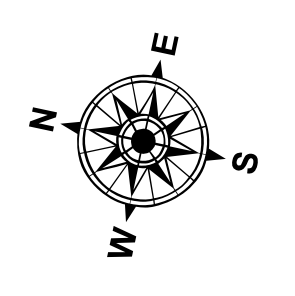
U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

**CALCASIEU SHIP CHANNEL
COON ISLAND
CR_53_CNI_20160121
21 January 2016**

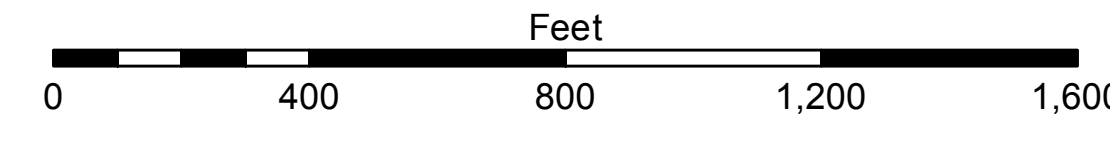
**Sheet Reference Number
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LEGEND		Color Key	
--- Federal Navigation Channel	○ Cable Area	Red	-15' and above
— Federal Navigation Center Line	□ Placement Area	Orange	-15' to -20'
— As-built Pipeline/Cable	□ Anchorage Area	Yellow	-20' to -25'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	Light Green	-25' to -32'
— Project Depth Contour	⊗ Wrecks-Submerged	Green	-32' to -38'
□ Borrow Area	★ Beacon, General	Light Blue	-38' to -40'
● Shoalest Sounding**	◆ Red Navigation Buoy	Dark Blue	-40' to -42'
★ Beacon, General	◆ Green Navigation Buoy	Blue	-42' and below



Gage Reading: LAKE CHARLES: 1.4 MLG
Sea Conditions: CALM
Vessel Name: MV 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 Gull Datum (MLG). Datum Relationships for gage 73550 as of December 2013: 0.0' NAVD83 (OPUS 2010) = 0.6' MLW = 1.6' MLG or 0.0' MLW = 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.
2010 Aerial Photography data source: NAIP
Reference is N.O.A. Navigation Chart No. 11339.
** 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.