

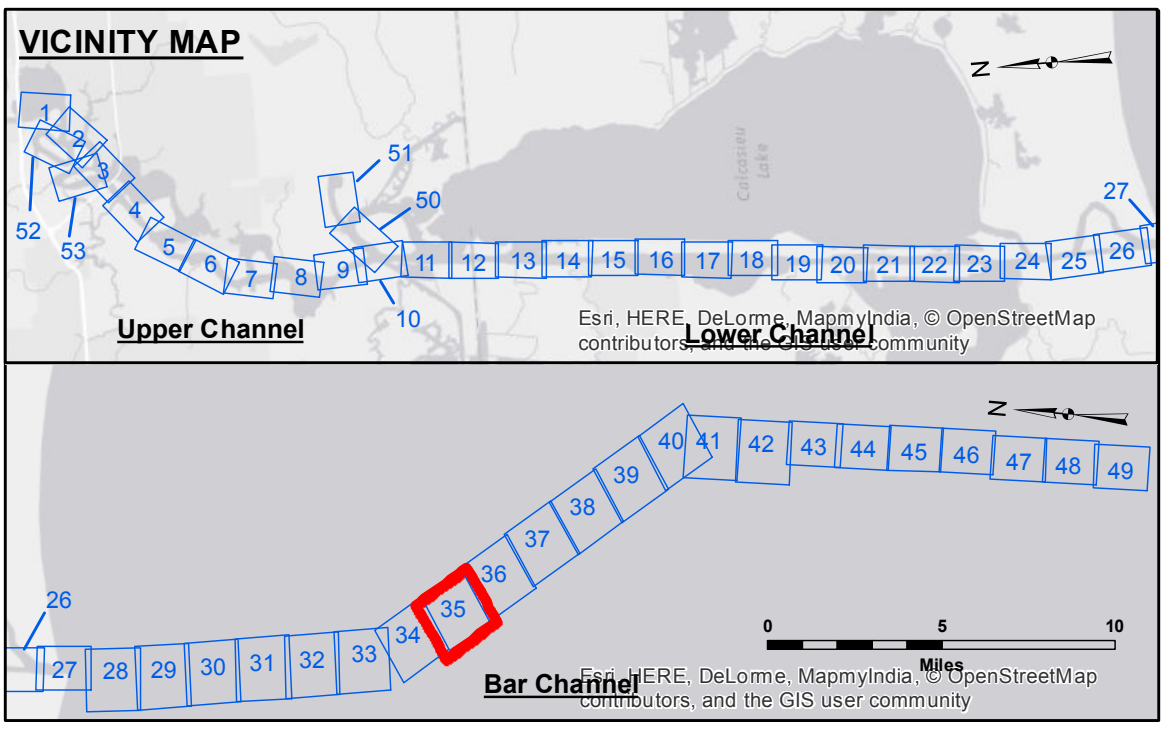
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Submitted:	SFRS_JDH
Recommended:	AO
Checked By:	AO
Approved:	AO

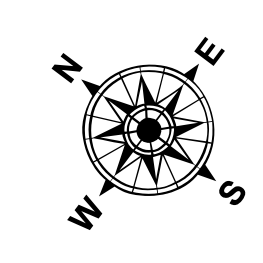
**CALCASIEU SHIP CHANNEL  
BAR SHEET 35  
CR\_35\_BARX\_20160921  
21 September 2016**

**Sheet Reference  
Number  
35 of 53**

Revision Number:  
15-9-20160000

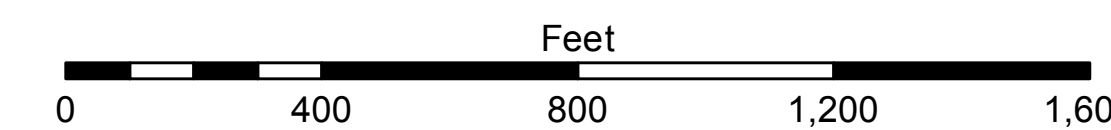


LEGEND	
--- Federal Navigation Channel	● Cable Area
— Federal Navigation Center Line	□ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
--- Unconfirmed Pipeline/Cable	□ Obstruction Point
— Project Depth Contour	✶ Wrecks-Submerged
3 Fluff Thickness (feet)*	★ Beacon, General
● Shoalest Sounding**	★ Red Navigation Buoy
● -15' and above	★ Green Navigation Buoy
● -15' to -20'	
● -20' to -25'	
● -25' to -32'	
● -32' to -38'	
● -38' to -40'	
● -40' to -42'	
● -42' and below	



Gage Reading:  
Sea Conditions:  
Vessel Name:  
Survey Type:  
Sounding Frequency\*\*\*: LOW

CAMERON: 2.5 MLG AVG  
1-3' SEAS  
M/V TECHE  
CONDITION



**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). Datum Relationships for page 73650 as of December 2013:  
0.0' NAVD88 (2009.55) = 1.3' MLLW = 2.3' 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 based on and provided by the U.S. Coast Guard and USACE survey crews.  
2015 Aerial Photography data source: NAIP  
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) 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.