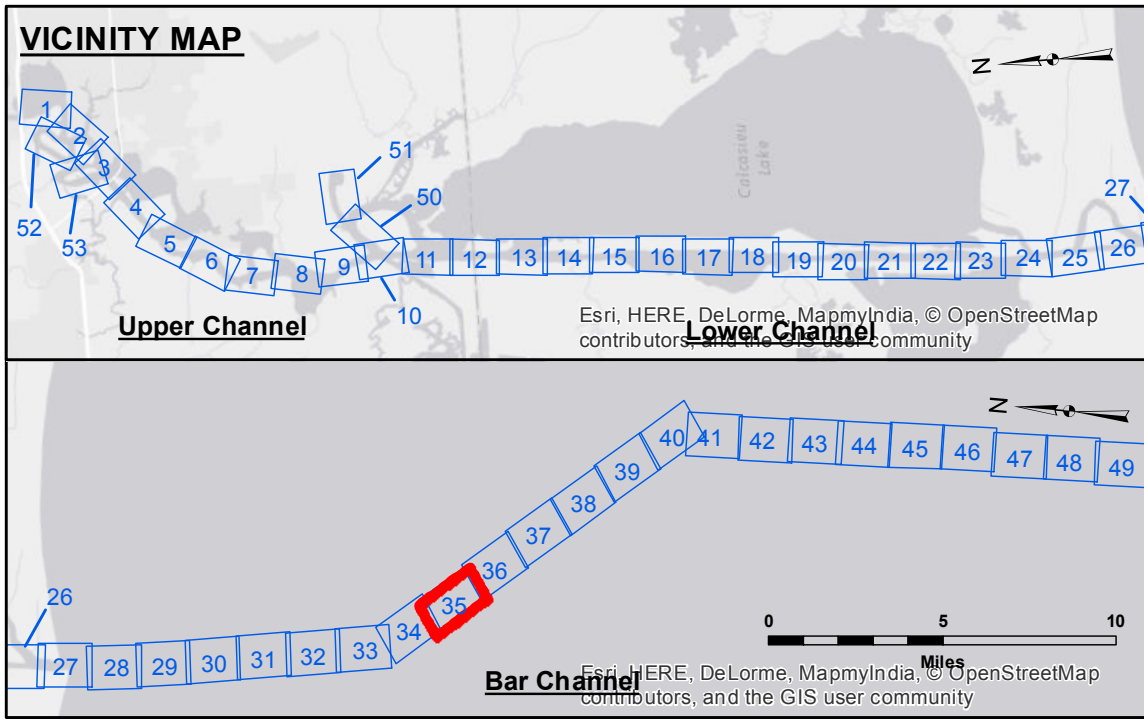


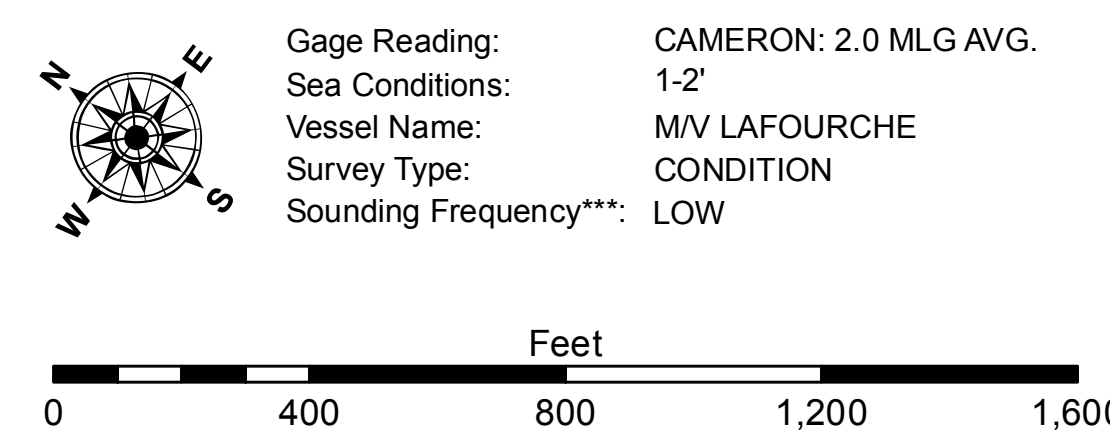
Access: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are for informational purposes only and are not to be used for any other purpose. The user is responsible for the accuracy, completeness, reliability, usability or availability for any particular purpose of the information. These data are provided as a service to the user and the user assumes all liability whatsoever to any person by reason of any use of these data. The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers. The information is not to be used for any purpose other than that for which it was intended. The information is provided as a service to the user and the user assumes all liability whatsoever to any person by reason of any use of these data. The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers. The information is not to be used for any purpose other than that for which it was intended. The information is provided as a service to the user and the user assumes all liability whatsoever to any person by reason of any use of these data.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: JH/SPS	Plotted By: BITD
Recommender: Chief, Survey Section	Checked By: TAF	
Approver:	Chief, Waterways Maintenance Section	

CALCASIEU SHIP CHANNEL
BAR SHEET 35
CR_35_BAR_20150128
28 January 2015



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



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 gage 73650 as of December 2013: 0.0' NAVD83 (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 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.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.

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