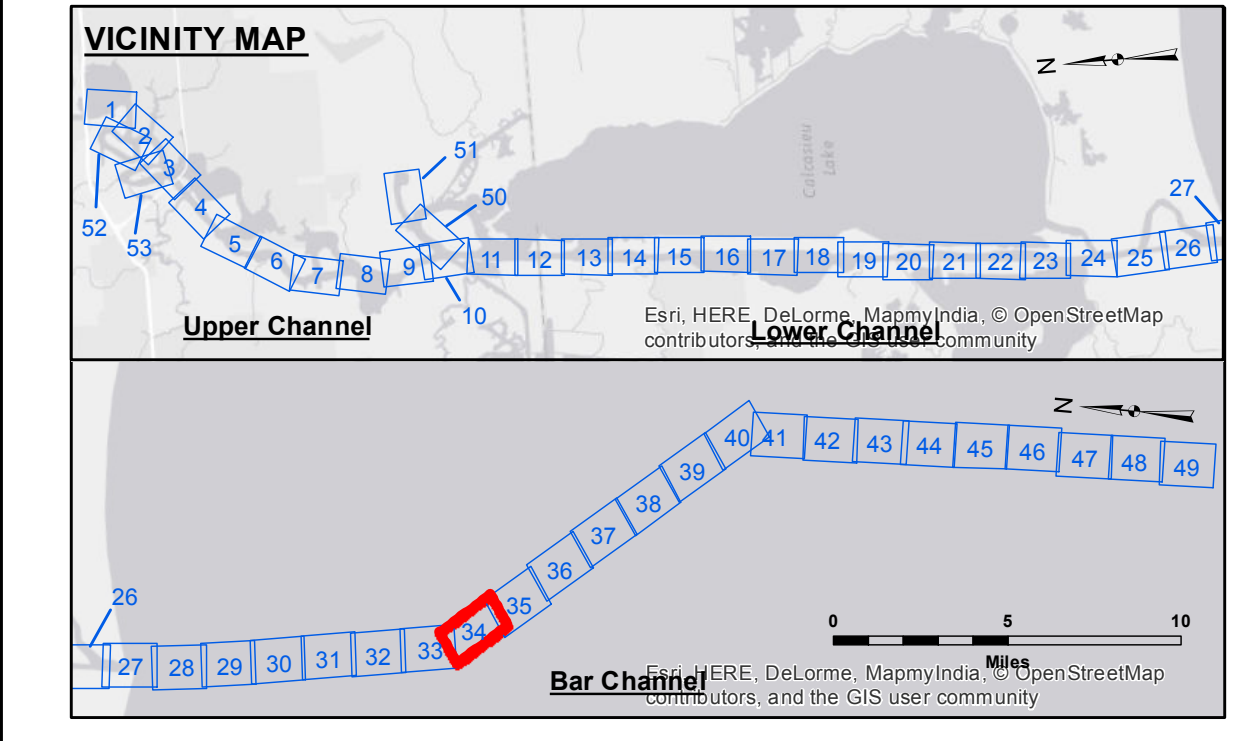


LC CURVE DATA
 $\Delta = 30^\circ 13'$
 $D = 1^\circ 00'$
 $T = 1546.85'$
 $L = 3021.67'$
 $R = 5729.58'$

GULF OF MEXICO

SITE NO. 2
 DISPOSAL AREA



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
	◆ Green Navigation Buoy

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' 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.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 bathymeter settings.

Gage Reading: CAMERON: 3.28 MLG
 Sea Conditions: CHOP
 Vessel Name: MV TECHE
 Survey Type: CONDITION
 Sounding Frequency***: LOW

Scale: 0 400 800 1,200 1,600 Feet



DISCLAIMER
 The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were prepared. The user is responsible for the results of any application of the data for other than the intended purpose. Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including, but not limited to, changing bathymetry, sedimentation, and shifting sandbars. The user is responsible for the results of any application of the data for other than the intended purpose. The information depicted on this map represents the results of a hydrographic survey conducted on the date indicated. It is not intended to represent the general condition existing at that time.

Submitted:	SP-SK
Recommended:	MS
Approved:	MS

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

CALCASIEU SHIP CHANNEL
 BAR SHEET 34
 CR_34_BAR_20170916_CS
 16 September 2017

Sheet Reference Number
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