

CAMERON PARISH
GULF OF MEXICO

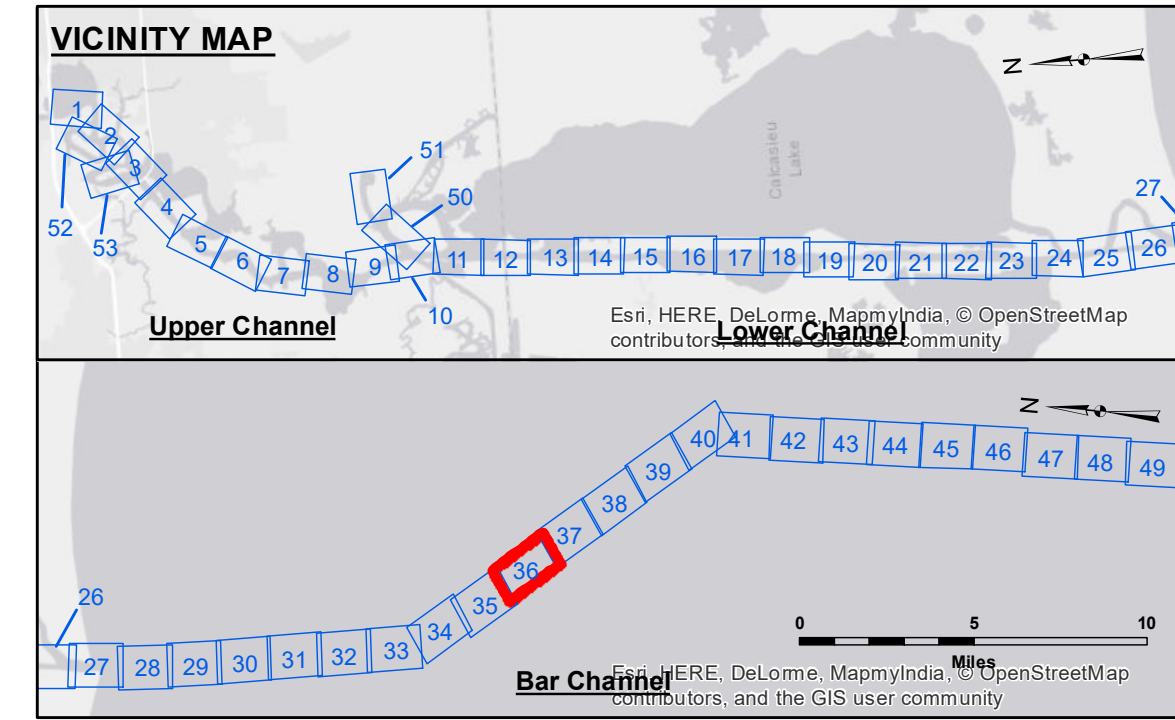
SITE NO. 2
DISPOSAL AREA

Calcasieu
Channel Lighted
Buoy 20
LT 20

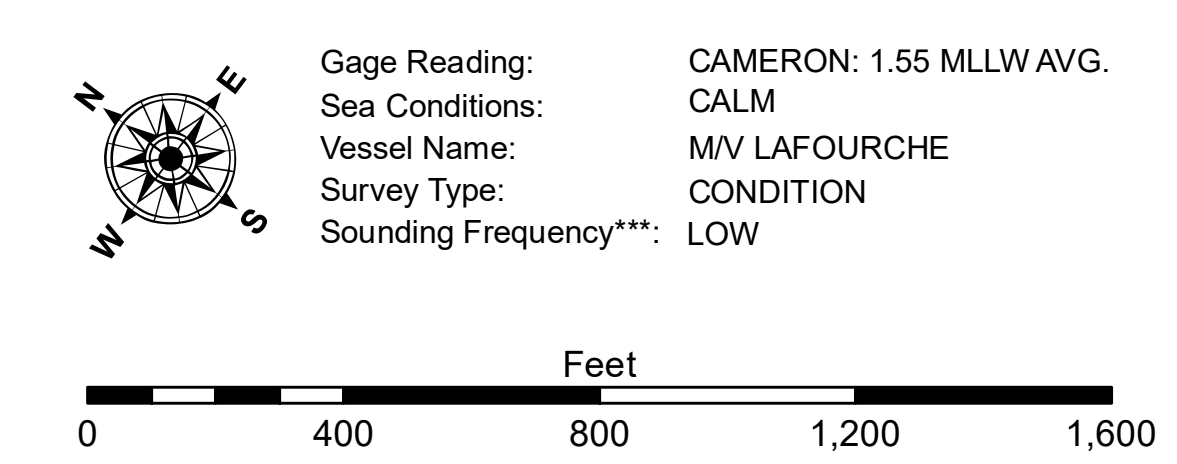
Calcasieu
Channel Lighted
Buoy 19
LT 19

322° 36' 30" (Grid)

LL=46.4
MLLW



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
	Fluff Thickness (feet)*		Shoalest Sounding**
	Beacon, General		Red Navigation Buoy
	Green Navigation Buoy		-16' and above
			-21' to -26'
			-26' to -33'
			-33' to -39'
			-39' to -41'
			-41' to -43'
			-43' and below



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 Lower Low Water Datum (MLLW).
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 base 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 fathometer settings.



DISCLAIMER:
Accession: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, expressed or implied, regarding the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information. The user is responsible for the results obtained from the use of this information. The user is responsible for the application of the data for other than its intended purpose. The information depicted on this map represents the results of a hydrographic survey conducted in accordance with the standards of the United States Army Corps of Engineers. The user is responsible for the results obtained from the use of this information. The user is responsible for the application of the data for other than its intended purpose. The information depicted on this map represents the results of a hydrographic survey conducted in accordance with the standards of the United States Army Corps of Engineers. The user is responsible for the results obtained from the use of this information. The user is responsible for the application of the data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By:	JH/PS
Recommended:	Plotted By:	BD
Approved:	Chief, Survey Section	
	Chief, Waterways Maintenance Section	AC

**CALCASIEU SHIP CHANNEL
BAR SHEET 36
CR_36_BAR_20190115_CS
15 January 2019**

**Sheet Reference Number
36 of 53**