CORPS OF ENGINEERS U.S. ARMY

CAMERON PARISH

GULF OF MEXICO

SITE NO. 1

DISPOSAL AREA

Calcasieu Channel Lighted Buoy 38

BUOY LIGHTED 38

Calcasieu Channel Lighted Buoy 37

BUOY LIGHTED 37

Calcasieu Channel Lighted Buoy 36

LIGHTED BUOY 36

Calcasieu Channel Lighted Buoy 35

LIGHTED BUOY

-4

-5

LL=40.6 MLG

LL=41.6 MLG

LL=42.6 MLG

LL=41.6 MLG

LL=42.6 MLG

LL=43.6 MLG

LL=44.6 MLG

LL=43.6 MLG

Sheet 29

Sheet 31

446,000

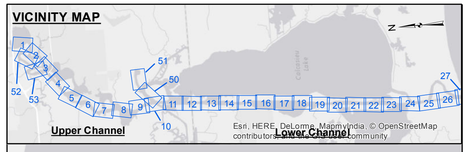
443,000

440,000

2,647,000

2,644,000

VICINITY MAP



LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- As-built Pipeline/Cable
- Unconfirmed Pipeline/Cable
- Project Depth Contour
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- 3 Fluff Thickness (feet)*
- Shoalest Sounding**
- 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

Gage Reading: CAMERON: 3.4 MLG
Sea Conditions: CHOP
Vessel Name: M/V TECHE
Survey Type: CONDITION
Sounding Frequency***: LOW

Feet
0 400 800 1,200 1,600

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 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.

US Army Corps of Engineers
District: CEMVN

Distribution Liability: The data represents the results of data collection and processing at the time of hydrographic survey activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy of survey. Any use, reliance or decision based on this data is the responsibility of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change over time due to environmental processes such as shoaling, erosion, activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers makes no warranty or guarantee as to the hydrographical conditions which develop after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Project maintained based on daily spot.

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The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at this time.

U.S. ARMY CORPRS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By:	Plotted By:	Checked By:
SP-SR	AO	AO

Submitted: _____

Recommended: _____ Chief, Survey Section

Approved: _____ Chief, Waterways Maintenance Section

CALCASIEU SHIP CHANNEL
BAR SHEET 30
CR_30_BAR_20170914_CS
14 September 2017

Sheet Reference Number
30 **of** 53

Revison Number:
3.12-20160811