CAMERON PARISH

GULF OF MEXICO

452,000 2,647,000 449,000 446,000

2,644,000 2,641,000 2,638,000

LT40 LT39

-3 -4

351° 50'

352° 49' 30" ( Grid )

LL=44.3 MLLW

LL=46.3 MLLW

SITE NO. 1

DISPOSAL AREA

Sheet 28 Sheet 30



**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
- -16' and above
- -16' to -21'
- -21' to -26'
- -26' to -33'
- -33' to -39'
- -39' to -41'
- -41' to -43'
- -43' and below

Gage Reading: CAMERON: 1.71 MLLW
Sea Conditions: 2-3'
Vessel Name: M/V BURRWOOD
Survey Type: AD
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 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.

US Army Corps of Engineers
District: CEMVN

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Data Constraints: Hydrographic survey data is subject to change due to natural and man-induced processes. Due to the dynamic activity and natural shoaling and scouring processes, The U. S. Government assumes no responsibility for changes occurring in the hydrographical conditions which develop after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Please reference most recent posted survey upon request.

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 conditions existing at that time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:

Surveyed By: JA_JDH

Plotted By: BD

Checked By: AO

Recommended: Chief, Survey Section

Approved: Chief, Waterways Maintenance Section

# CALCASIEU SHIP CHANNEL
## BAR SHEET 29
## CR_29_BARX_20180613_AD
## 13 June 2018

**Sheet Reference Number**
29 **of** 53

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