CAMERON PARISH

GULF OF MEXICO

SITE NO. 1

DISPOSAL AREA

446,000 2,647,000 443,000 440,000

2,644,000

-4 -5

Calcasieu Channel Lighted Buoy 38

LIGHTED BUOY 38

Calcasieu Channel Lighted Buoy 37

LIGHTED BUOY 37

Calcasieu Channel Lighted Buoy 36

LIGHTED BUOY 36

Calcasieu Channel Lighted Buoy 35

LIGHTED BUOY 35

LL12000=43.4 MLLW

LL15000=44.4 MLLW

LL15000=43.4 MLLW

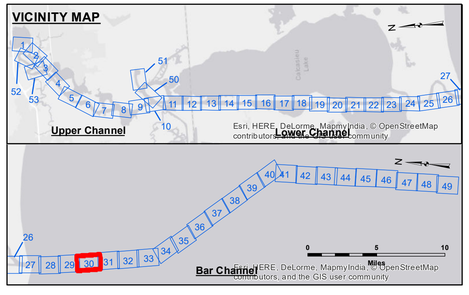
LL18000=43.4 MLLW

LL18000=42.4 MLLW

Sheet 29

Sheet 31

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
- -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: 1.55 MLLW
Sea Conditions:	CHOP
Vessel Name:	LAFOURCHE
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 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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NEW ORLEANS DISTRICT

Surveyed By: SPCS	Plotted By: MS	Checked By: MS
Submitted:	Recommended: Chief, Survey Section	Approved: Chief, Waterways Maintenance Section

CALCASIEU SHIP CHANNEL
BAR SHEET 30
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31 July 2018

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30 **of** 53

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