CAMERON PARISH

GULF OF MEXICO

SITE NO. 1

DISPOSAL AREA

Calcasieu Channel Lighted Buoy 38

Calcasieu Channel Lighted Buoy 37

Calcasieu Channel Lighted Buoy 36

Calcasieu Channel Lighted Buoy 35

-4

-5

LL=47.9 MLLW

LL=47.9 MLLW

LL=48.9 MLLW

LL=47.9 MLLW

LL=48.4 MLLW

LL=48.4 MLLW

LL=47.4 MLLW

LL=48.4 MLLW

LL=48.9 MLLW

446,000

2,647,000

443,000

440,000

2,644,000

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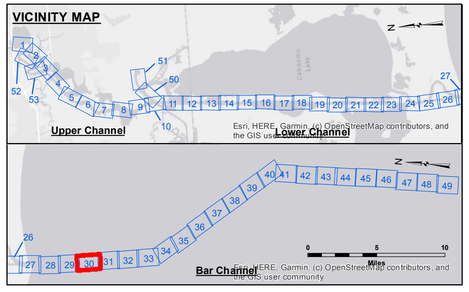
Sheet 31

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: 2.07 MLLW AVG.
Sea Conditions: 1-3 FT.
Vessel Name: M/V OB 167
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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Data Constraints: Hydrographic survey data is subject to change due to environmental conditions such as storms, shoaling activity and natural ahoaling and scouring processes. The U. S. Government assumes no responsibility for changes made to or in the hydrographical conditions which develop after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Present mariners should use only survey sport.

U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: RYLAND/SOUKI	Plotted By: BD	Checked By: AO
Recommended: Chief, Survey Section			
Approved: Chief, Waterways Maintenance Section			

CALCASIEU SHIP CHANNEL
BAR SHEET 30
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21 October 2021

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30 **of** 53

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