488,000 485,000 482,000

2,644,000

2,641,000

ST JOHNS ISLAND

CALCASIEU

LL=50.5 MLLW

ST-JOHN ISLAND (DM 57) = 73625 (0.0' NAVD88 - 1.2' MLLW = 2.2' MLG)

ST. JOHN'S ISLAND

LIGHT 56

LIGHT 57

CALCASIEU MOORING AREA

350'

CALCASIEU MOORING A

LA RESOURCE CO. 2-20" GAS P/LS

CAMERON PARISH

WEST FORK

ST JOHNS ISLAND

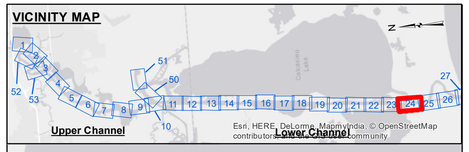
Sheet 23

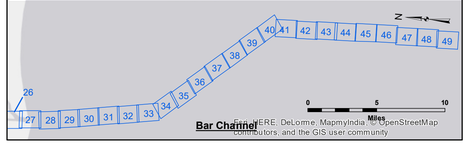
Sheet 25

3

4

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:	LIGHT 57: 0.5 MLLW
Sea Conditions:	CALM
Vessel Name:	M/V 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 73625 as of December 2013:
0.0' NAVD88 (2009.55) = 1.2' MLLW = 2.2' 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 over time due to environmental factors such as storm damage, shoaling activity, and natural shoaling and scouring processes. The U. S. Government is not responsible for changes that occur in 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 opinion.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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

CALCASIEU SHIP CHANNEL
LOWER SHEET 24
CR_24_LWR_20190123_CS
23 January 2019

Sheet Reference Number
24 **of** 53

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