488,000 485,000 482,000

2,644,000 2,641,000

ST JOHNS ISLAND

DISPOSAL AREA "M"

DISPOSAL AREA "N"

ST JOHNS ISLAND

WEST FORK

CAMERON PARISH

DISPOSAL AREA "O"

CALCASIEU

CALCASIEU MOORING AREA

CALCASIEU MOORING A

350'

350'

LIGHT 56

LIGHT 57

ST. JOHN'S ISLAND LT.

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

LL=49.7
MLG

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

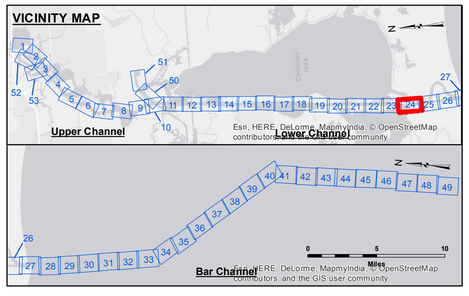
Sheet 23

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
- -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:	DM 57: 3.3 MLG
Sea Conditions:	CALM
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 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 consolidiated 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 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. Project maintained based on dredging opinion.

U.S. ARMY CORPRS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:		Surveyed By: SJR, JDH	Checked By: AO
Recommended:	Chief, Survey Section	Plotted By: BD	
Approved:	Chief Waterways Maintenance Section		

CALCASIEU SHIP CHANNEL
LOWER SHEET 24
CR_24_LWR_20161012
12 October 2016

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24 of 53

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