488,000 485,000 482,000

2,644,000 2,641,000

ST JOHNS ISLAND

DISPOSAL AREA "M"

EA

LIGHT 56

CALCASIEU

Sheet 23

Sheet 25

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

ST. JOHN'S ISLAND LT.

LIGHT 57

LL=48.3 MLG

LL=48.3 MLG

LL=53.3 MLG

4

3

CALCASIEU MOORING AREA

350'

350'

CALCASIEU MOORING A

DISPOSAL AREA "N"

ST JOHNS ISLAND

WEST FORK

CAMERON PARISH

DISPOSAL AREA "O"

LA RESOURCE CO 2-20" GAS P/LS

VICINITY MAP

Upper Channel

Lower Channel

Bar Channel

Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

Miles

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
- Borrow Area
- 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; 2.7 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.

2010 Aerial Photography data source: NAIP

Reference is N.O.A.A. Navigation Chart No. 11339.

** 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 the dynamic nature of the coastal environment. Following the survey activity and natural shoaling and scouring processes, The U. S. Government cannot assume responsibility for any changes in the hydrographical conditions which develop after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Private commercial use of this data is prohibited.

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Surveyed By:	Plotted By:	Checked By:
SJR_JDH	BTD	TAF

U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:

Recommended: Chief, Survey Section

Approved: Chief, Waterways Maintenance Section

CALCASIEU SHIP CHANNEL
LOWER SHEET 24
CR_24_LWR_20151118
18 November 2015

Sheet Reference Number
24 **of** 53

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