581,000 578,000 575,000

2,650,000

DISPOSAL AREA 13

42" CHENIERE CREOLE TRAIL PIPELINE, L.P.

Mud Lake

CALCASIEU SHIP CHANNEL

LIGHT 90 LIGHT 89 LIGHT 88 LIGHT 87

LL=39.0 MLG LL=36.0 MLG LL=41.0 MLG LL=37.0 MLG LL=41.0 MLG LL=36.0 MLG

21

Sheet 10 Sheet 12

42" CHENIERE CREOLE T...

DISPOSAL AREA 15

DISPOSAL AREA 15

CALCASIEU PARISH

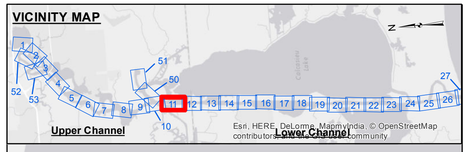
OLD INTRACOASTAL WATERWAY

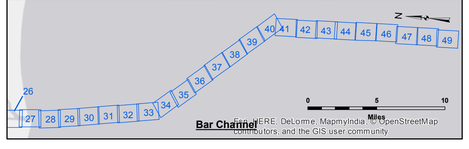
DISPOSAL AREA 16N

2,650,000

581,000 578,000 575,000

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 86: 3.0 MLG
Sea Conditions:	CALM
Vessel Name:	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 73595 as of December 2013:
0.0' NAVD88 (OPUS 2013) = 0.9' MLLW = 1.9' 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 natural processes such as storm events, shoaling activity and natural abusing 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 opera.

U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By: SR_JH	Plotted By: AO	Checked By: AO	
Submitted:	Recommended: Chief, Survey Section	Approved: Chief, Waterways Maintenance Section	

CALCASIEU SHIP CHANNEL
LOWER SHEET 11
CR_11_LWR_20170706_CS
06 July 2017

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