518,000 515,000 512,000 2,644,000 2,641,000

DISPOSAL AREA "F"

DISPOSAL AREA "C"

NATURAL G
36" NAT. GA
APPROX.

STA. 5+22.00 AZ. 94°33'59.8
STA. 5+20.00 AZ. 94°32'19.8
STA. 5+18.00 AZ. 94°32'20.4
STA. 5+16.00 AZ. 94°32'20.1
STA. 5+14.00 AZ. 94°32'20.2
STA. 5+12.00 AZ. 94°32'19.9
STA. 5+10.00 AZ. 94°30'34.7
STA. 5+08.00 AZ. 94°32'19.7
STA. 5+06.00 AZ. 94°32'19.8
STA. 5+04.00 AZ. 94°32'19.6
STA. 5+02.00 AZ. 94°32'19.8
STA. 5+00.00 AZ. 94°32'18.1
STA. 4+98.00 AZ. 94°32'19.2
STA. 4+96.00 AZ. 94°32'18.1
STA. 4+94.00 AZ. 94°32'20.7
STA. 4+92.00 AZ. 94°34'55.8
STA. 4+90.00 AZ. 94°32'16.9
STA. 4+88.00 AZ. 94°32'06.6
STA. 4+86.00 AZ. 94°32'12.8
STA. 4+84.00 AZ. 94°31'43.0
STA. 4+82.00 AZ. 94°32'01.1
STA. 4+80.00 AZ. 94°31'43.0
STA. 4+78.00 AZ. 94°32'18.0
STA. 4+76.00 AZ. 94°32'17.9
STA. 4+74.00 AZ. 94°32'17.8
STA. 4+72.00 AZ. 94°32'17.7
STA. 4+70.00 AZ. 94°32'17.6
STA. 4+68.00 AZ. 94°32'17.5
STA. 4+66.00 AZ. 94°32'17.6
STA. 4+64.00 AZ. 94°32'17.3
STA. 4+62.00 AZ. 94°33'36.7
STA. 4+60.00 AZ. 94°32'18.0
STA. 4+58.00 AZ. 94°32'17.9
STA. 4+56.00 AZ. 94°32'17.8
STA. 4+54 AZ. 94°32'
STA. 4+52 AZ. 94°32'
STA. 4+50. AZ. 94°30'
STA. 4+48. AZ. 94°32'
STA. 4+46.6 AZ. 94°32'
STA. 4+44.1 AZ. 94°32'
STA. 4+42.2 AZ. 94°32'
STA. AZ.
STA. AZ.
STA. AZ.
STA. AZ.
STA. AZ. 1

LIGHT 68
LIGHT 67
LL=42.9 MLLW
LL=41.9 MLLW
CALCASIEU
SHIP
CHANNEL

CAMERON PARISH

DISPOSAL AREA 2

DEPT. OF I
36" BRINE

Sheet 19
Sheet 21

DISCLAIMER
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Data Constraints: Hydrographic survey data is subject to change due to environmental conditions such as storms, shoaling activity and natural abushing and scouring processes. The U. S. Army Corps of Engineers assumes no responsibility for 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. Project maintained based on daily spoil.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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

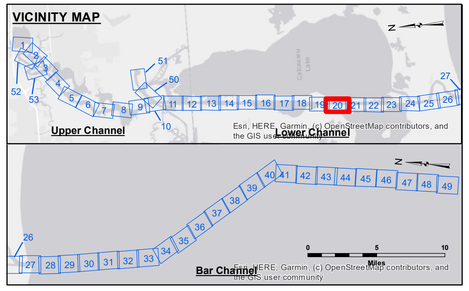
US Army Corps of Engineers
District: CEMVN

CALCASIEU SHIP CHANNEL
LOWER SHEET 20
CR_20_LWR_20230425_CS
25 April 2023

Sheet Reference Number
20 **of** 53

Revison Number:
4.2-20200420

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:	NTRIP VRS RTK: 2.08 MLLW AVG.
Sea Conditions:	CHOPPY
Vessel Name:	MV 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 Lower Low Water Datum (MLLW).
Datum Relationships for gage 73615 as of December 2013:
0.0' NAVD88 (2009.55) = 1.1' MLLW = 2.1' 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.

2022 Aerial Photography data source: PAR LLC

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.