497,000 494,000 491,000

2,644,000 2,641,000

DISPOSAL AREA "M"

ST JOHNS ISLAND

DISPOSAL AREA "K"

DISPOSAL AREA "L"

DISPOSAL AREA "N"

ST JOHNS ISLAND

LIGHT 62

LIGHT 61

FRONT RANGE

ST. JOHN'S ISLAND LT. LIGHT 57

Sheet 22

Sheet 24

LL=50.1 MLLW

LL=50.1 MLLW

LL=50.1 MLLW

LL=52.1 MLLW

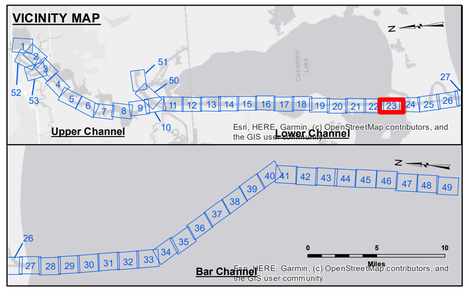
LL=53.1 MLLW

LL=53.1 MLLW

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

STA. 3+14.00 AZ. 94°32'41.5
STA. 3+12.00 AZ. 94°35'28.3
STA. 3+10.00 AZ. 94°33'36.7
STA. 3+08.00 AZ. 94°32'41.2
STA. 3+06.00 AZ. 94°32'40.9
STA. 3+04.00 AZ. 94°29'32.9
STA. 3+02.00 AZ. 94°31'47.3
STA. 3+00.00 AZ. 94°32'43.5
STA. 2+98.00 AZ. 94°32'30.0
STA. 2+96.00 AZ. 94°32'43.3
STA. 2+94.00 AZ. 94°32'54.4
STA. 2+92.00 AZ. 94°32'40.7
STA. 2+90.00 AZ. 94°32'43.1
STA. 2+88.00 AZ. 94°32'45.2
STA. 2+86.00 AZ. 94°32'31.3
STA. 2+84.00 AZ. 94°32'31.2
STA. 2+82.00 AZ. 94°32'31.1
STA. 2+80.00 AZ. 94°32'31.0
STA. 2+78.00 AZ. 94°32'30.9
STA. 2+76.00 AZ. 94°32'46.0
STA. 2+74.00 AZ. 94°32'45.9
STA. 2+72.00 AZ. 94°30'30.2
STA. 2+70.00 AZ. 94°32' 0.1
STA. 2+68.00 AZ. 94°32'45.6
STA. 2+66.00 AZ. 94°32'48.9
STA. 2+64.00 AZ. 94°32'45.4
STA. 2+62.00 AZ. 94°32' 3.3
STA. 2+60.00 AZ. 94°32' 3.2
STA. 2+58.00 AZ. 94°32' 3.1
STA. 2+56.00 AZ. 94° 31'58.2
STA. 2+54.00 AZ. 94° 32' 8.6
STA. 2+52.00 AZ. 94°31'47.0
STA. 2+50.00 AZ. 94° 30'25.8
STA. 2+48.00 AZ. 94°32'16.1
STA. 2+46.00 AZ. 94° 31'59.7
STA. 2+44 AZ. 94° 32'
STA. 2+42 AZ. 94° 32'
STA. 2+40 AZ. 94° 32'
STA. 2+38 AZ. 94° 32'
STA. 2+36 AZ. 94° 32'
STA. 2+34 AZ. 94° 32'
STA. 2+32 AZ. 94° 32'
STA. 2+30 AZ. 94° 32'
STA. 2+28 AZ. 94° 32'
STA. 2+26 AZ. 94° 32'
STA. 2+24 AZ. 94° 32'

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:	DM 57: 1.9 MLLW
Sea Conditions:	CALM
Vessel Name:	M/V VALENTOUR
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

Distribution Liability: The data represents the results of data collection and processing at the time of survey activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy of survey activity. Any application of the data for other than its intended purpose.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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

CALCASIEU SHIP CHANNEL
LOWER SHEET 23
CR_23_LWR_20190919_CS
19 September 2019

Sheet Reference Number
23 of 53

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