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

Sheet 22

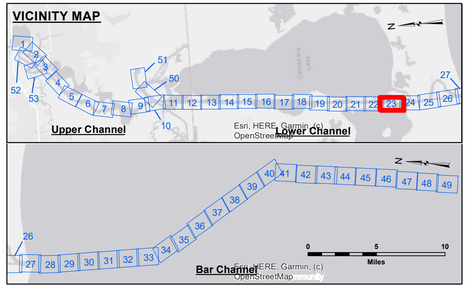
Sheet 24

FRONT RANGE

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

ST JOHN'S ISLAND LT.
LIGHT 57

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 VRS RTK: 1.40 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 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.

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.

US Army Corps of Engineers
District: CEMVN

Distribution Liability: The data represents the results of data collection and processing efforts at the time of hydrographic survey activity and indicates the general existing conditions. As such it is only valid for its intended use; content, time and accuracy of the data may not be adequate or appropriate for the application of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change over time due to environmental processes such as shoaling and natural shoaling and scouring processes. The U. S. Government makes no warranties, expressed or implied, as to the use of the data after the date of publication. This data is intended for U.S. Army Corps of Engineers' internal use. Present navigation should only be solely based on the most recent survey.

DISCLAIMER
Access Constraints: The United States Government furnishes this map and the data contained therein to the recipient with the understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, or suitability of this information. It is strongly recommended that these data are directly compared to other data sources available for the area prior to use. Any decision made by the recipient fully agrees not to represent these data to anyone as other than preliminary and incomplete. The recipient is cautioned to review these data to verify they meet the recipient's specific needs before these data to others without also transferring this Disclaimer.

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at the time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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

CALCASIEU SHIP CHANNEL
LOWER SHEET 23
CR_23_LWR_20231130_CS
30 November 2023

Sheet Reference Number
23 of 53

Revison Number:
4.2-20200420