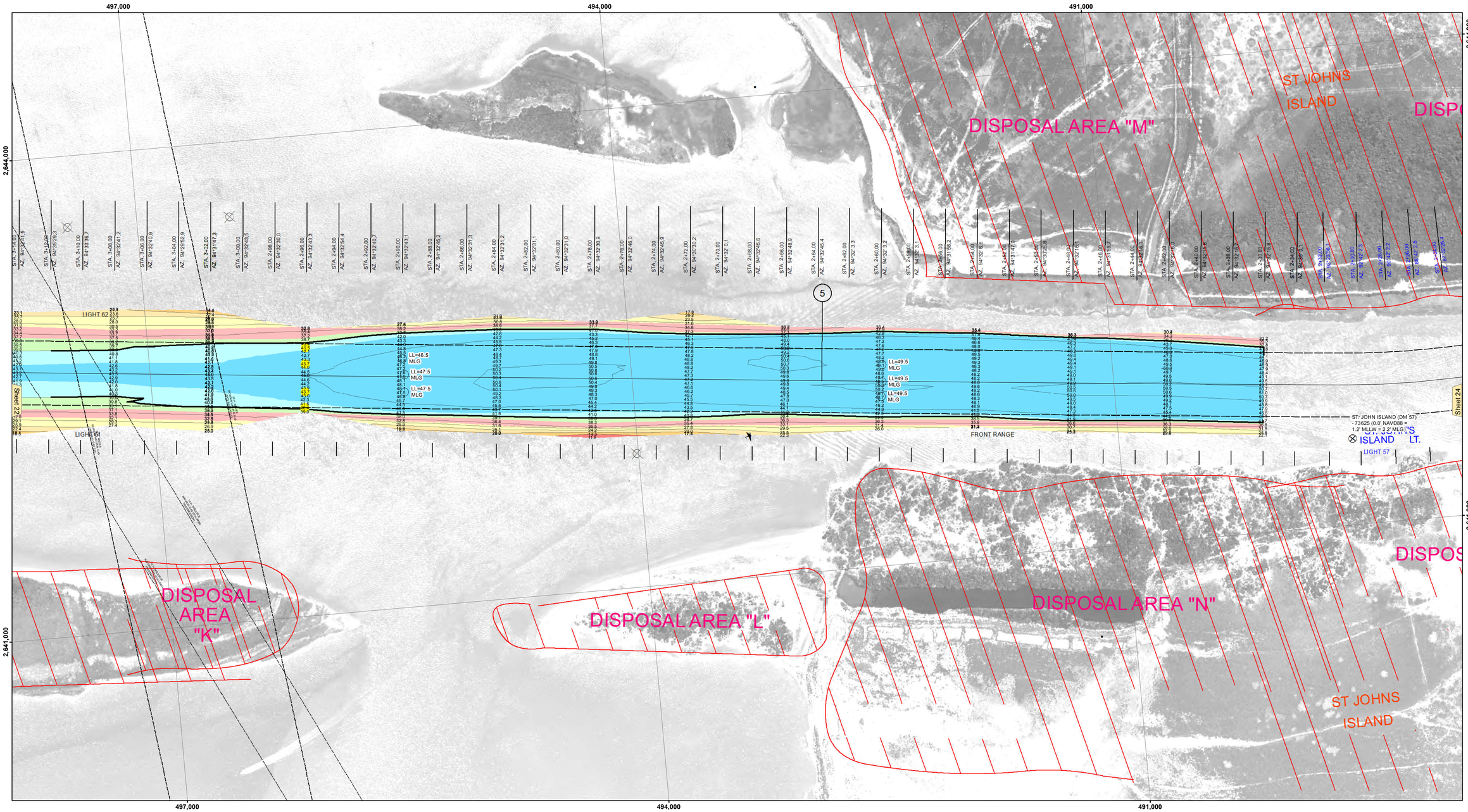
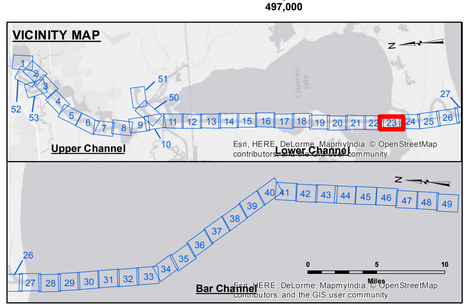


VICINITY MAP



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
- 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: 2.5 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.

DISCLAIMER
Access Constraints: The United States Government furnishes this data and information and expects the recipient to express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, reliability, or suitability for any particular purpose of this data, information and the data furnished. The United States shall be under no liability whatsoever to any individual or group entity for any claim or damage that may arise from the use of this data made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than data received from the Government. The recipient shall not release 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 as representing the general conditions existing at that time.

Distribution Liability: The data represents the results of data collection efforts and reflects conditions during the survey activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy of the survey. Use of the data for purposes other than those 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 factors such as dredging activity and natural shoaling and scouring processes. The U. S. Government assumes no responsibility for changes made to data 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 type.

US Army Corps of Engineers
District: CEMVN

U.S. ARMY CORPPS OF ENGINEERS
NEW ORLEANS DISTRICT

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

CALCASIEU SHIP CHANNEL
LOWER SHEET 23
CR_23_LWR_20160120
20 January 2016

Sheet Reference Number
23 **of** 53

Revison Number:
3.8.0-20150202