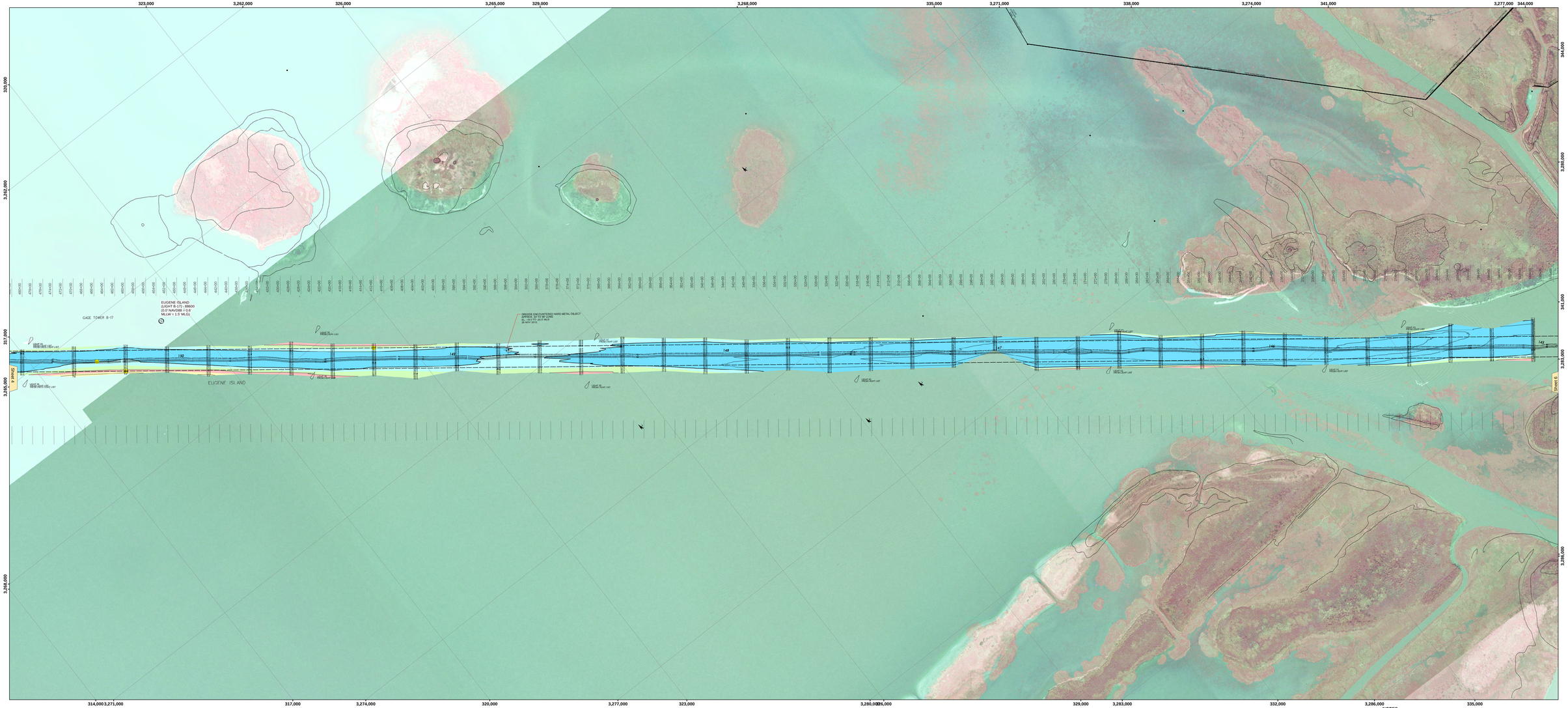
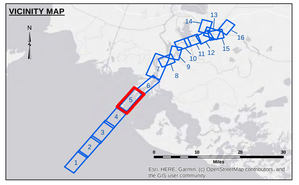


VICINITY MAP



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
- 3 Fluff Thickness*
- -12' and above
- -12' to -15'
- -15' to -18'
- -18' to -20'
- -20' and below

Gage Reading:	EUGENE ISLAND: 1.53 MLG AVG.
Sea Conditions:	0-1 FT
Vessel Name:	M/V VALENTOUR
Survey Type:	DREDGE PROG
Sounding Frequency***:	LOW

Feet: 0, 800, 1,600, 2,400, 3,200, 4,000

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 the gage 88600 as of August 2013:
0.0' NAVD88 = 0.6' MLLW = 1.5' MLG

Distances on the Atchafalaya River are shown at 1 mile intervals.

The location of navigation aids are base on and provided by the U.S. Coast Guard.

2019 Aerial Photography data source: PAR, LLC. (1998 DOQQ imagery in green).

Reference is N.O.A.A. Navigation Chart No. 11354.

** 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

Data Limitations: Hydrographic survey data is subject to change due to natural and man-made influences such as storms, dredging, and shoaling and scouring processes. Prior to navigation, users should contact the District to determine if any of the 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: AGAMECHAMPNE	
Recommended:	Drawn By: BD	Checked By: ADUM
Chief, Survey Section		
Approved: Chief, Waterways Maintenance Section		

ATCHAFALAYA RIVER
LOWER BAY CHANNEL
AR_05_BAY_20241101_CS
01 November 2024

Sheet Reference Number
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