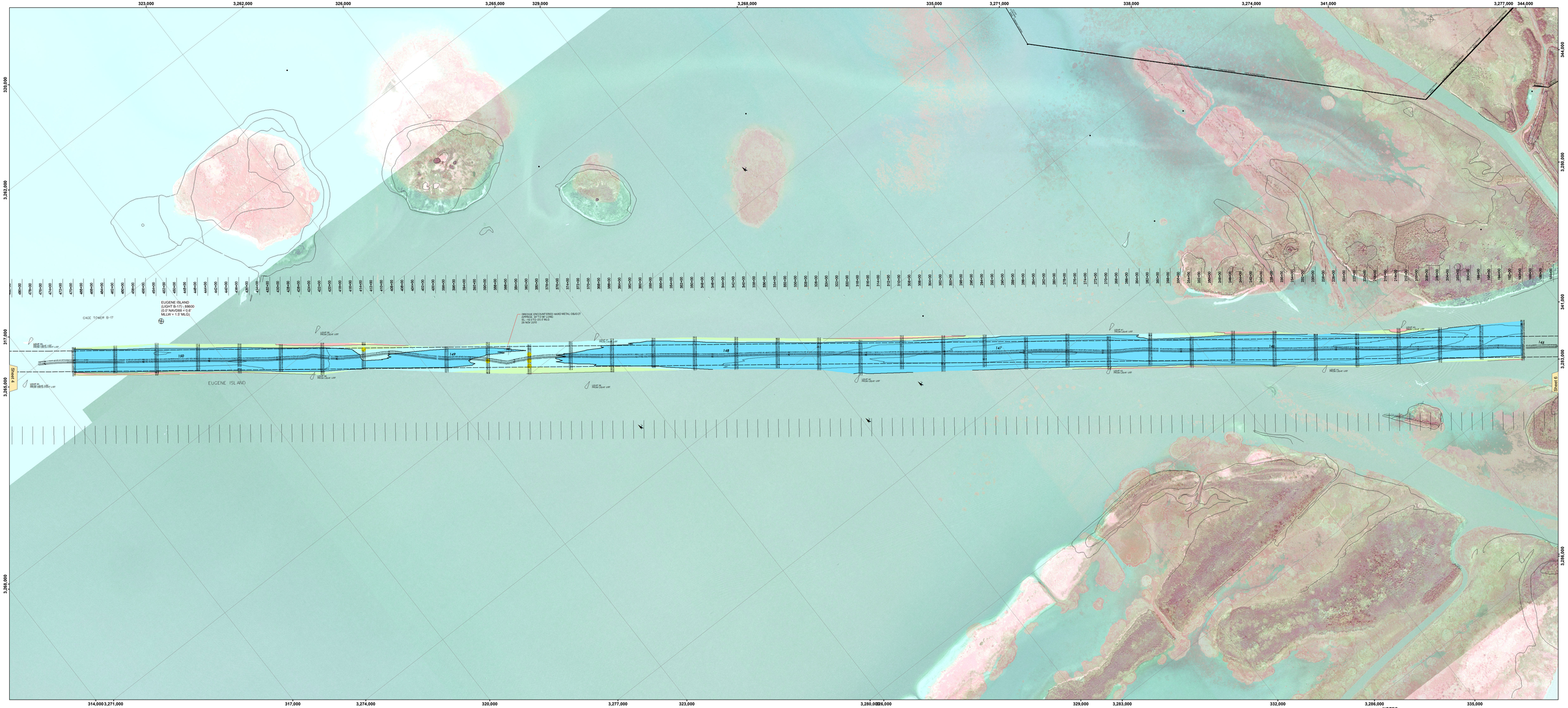
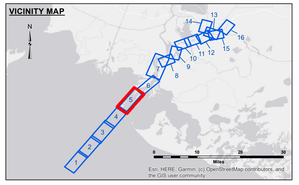


VICINITY MAP



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

Gage Reading:	EUGENE ISLAND: -0.1 MLG AVG
Sea Conditions:	0-1 FT
Vessel Name:	VALENTOUR
Survey Type:	CS
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

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Data Constraints: Hydrographic survey data is subject to change and may be affected by many factors including, but not limited to, shoaling and scouring during and following passage of storms. The U.S. Army Corps of Engineers does not guarantee that the data will be available for navigation purposes on any specific date following the survey publication. The data is intended by U.S. Army Corps of Engineers for navigation purposes only.

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Navigation Charts: Navigation charts are based on hydrographic survey data, but are not intended for use in navigation. Mariners should refer to the most recent edition of a NOAA navigation chart for the most up-to-date information.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:		Surveyed By: AL/AM/CC/JH/JR/JW	
Recommended:	Chief, Survey Section	Processed By: JR	Checked By: JH
Approved:	Chief, Waterways Maintenance Section		

ATCHAFALAYA RIVER
LOWER BAY CHANNEL
AR_05_BAY_20241204_CS
04 December 2024

Sheet Reference Number
5 of 16

Revision Number:
4.2-20240430