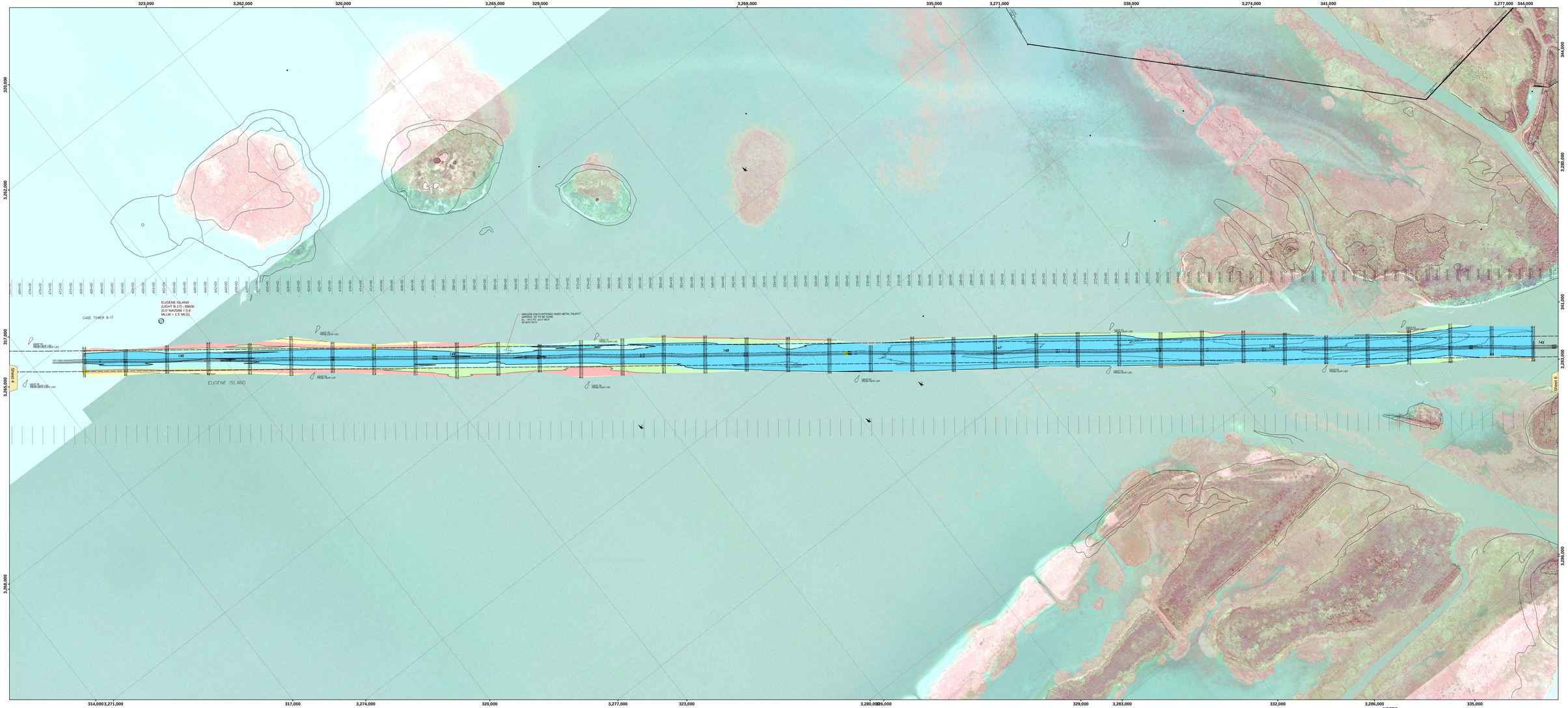
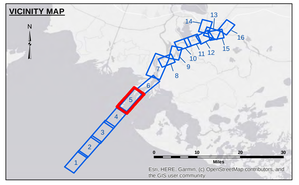


VICINITY MAP



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:	EUGINE ISLAND: 1.97 MLG AVG.
Sea Conditions:	CALM
Vessel Name:	M/V VALENTOUR
Survey Type:	CONDITION
Sounding Frequency***:	HIGH

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

Distribution Limited: The data represents the results of data collection and analysis performed by the Corps of Engineers (USACE) and is only valid for the purpose stated in the contract or agreement under which the data was collected. Data is subject to change and should not be used for navigation or any other purpose other than that for which it was originally collected. Data Contraints: Hydrographic survey data is subject to change due to natural and man-made events. Depths are measured from the water surface at the time of the survey and may not reflect current conditions. The U.S. Army Corps of Engineers assumes no responsibility for the accuracy of the data after the date of the survey. Data Limitations: The data represents the results of a hydrographic survey performed by the U.S. Army Corps of Engineers (USACE) and is intended for use by USACE and its partners. The data is intended for use in navigation and other water resource management activities.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: RY/HJ/EB/DA/MS	
Recommended: Chief, Survey Section	Reviewed By: EB	
Approved: Chief, Waterways Maintenance Section	Checked By: AD/JM	

ATCHAFALAYA RIVER
LOWER BAY CHANNEL
AR_05_BAY_20221027_CS
27 October 2022

Sheet Reference Number
5 of 16

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4.2-20290420