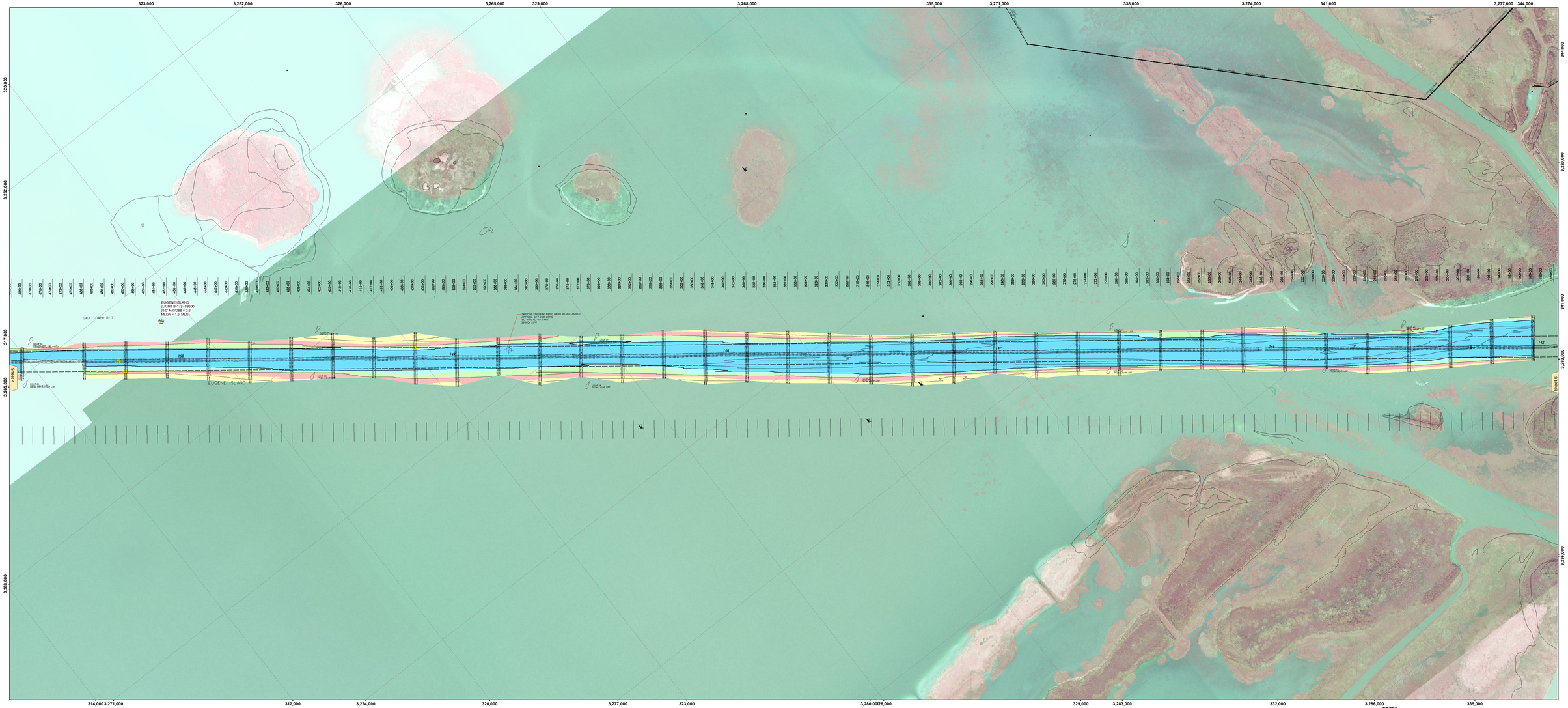
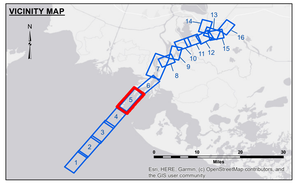


VICINITY MAP



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: 1.7 MLG AVG
Sea Conditions: CALM
Vessel Name: OB 167
Survey Type: AD
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

DISCLAIMER

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Data Constraints: Hydrographic survey data is subject to change due to natural and man-made influences such as storms, dredging, boating and navigation, and shoaling and scouring processes. The U.S. Army Corps of Engineers does not guarantee that the data will be free of errors or omissions due to these or other causes. The U.S. Army Corps of Engineers assumes no liability for any damages resulting from the use of this data.

Coordinates: Unless otherwise specified, all coordinates are referenced to the North American Datum of 1983 (NAD83). The Corps of Engineers assumes no liability for coordinates not referenced to NAD83.

Other Data: Other data sources may be used to supplement survey data. The Corps of Engineers assumes no liability for the accuracy of these other data sources.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted: _____

Recommended: _____
Chief, Survey Section

Approved: _____
Chief, Waterways Maintenance Section

Surveyed By: PRL-HADSSMONKS
Plotted By: JH
Checked By: JH

ATCHAFALAYA RIVER
LOWER BAY CHANNEL
AR_05_BAY_20240220_AD
20 February 2024

Sheet Reference Number
5 of 16

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4.2-20290430