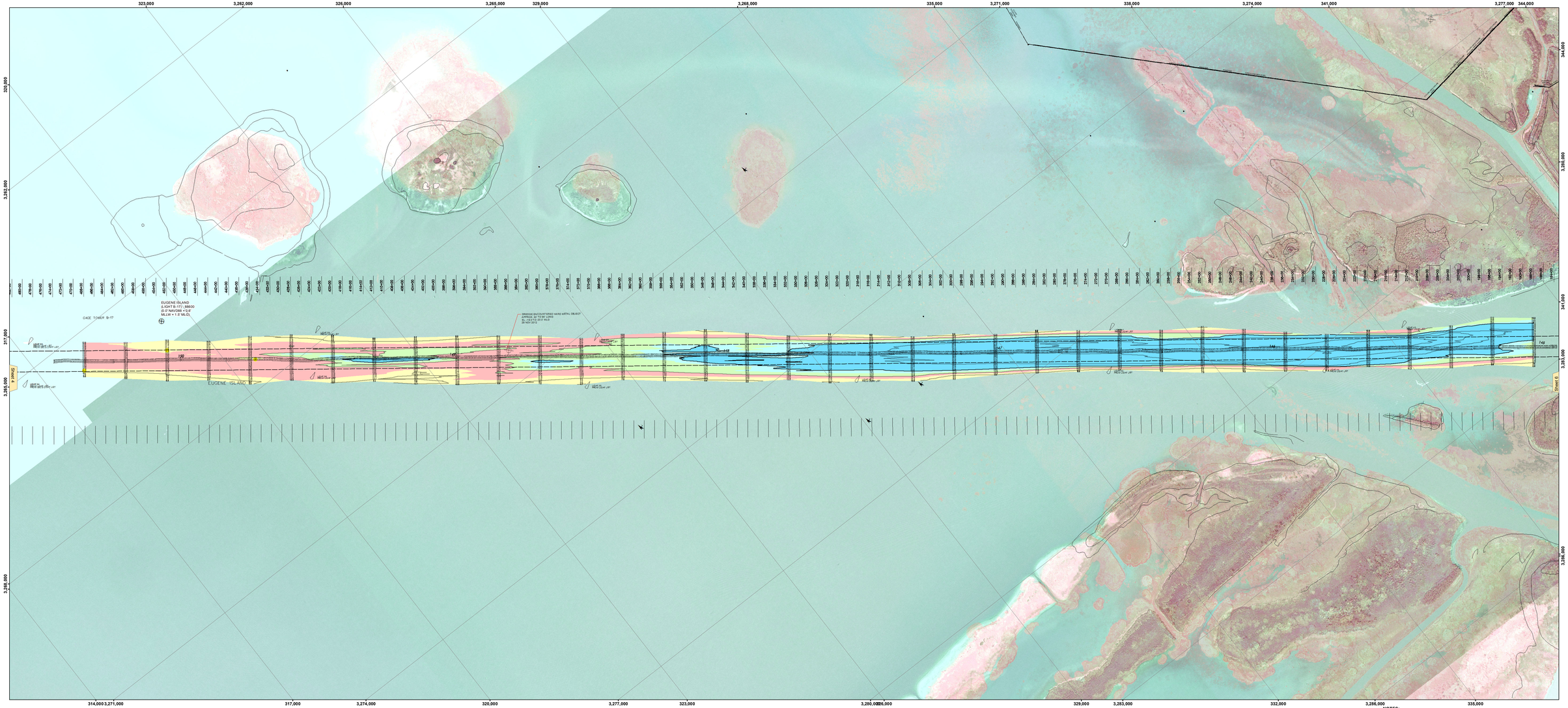


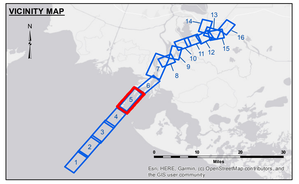


## LEGEND

- 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: | VRS RTK NTRIP: 2.98 MLG AVG. |
| Sea Conditions: | CALM |
| Vessel Name: | OB-167 |
| Survey Type: | CONDITION |
| 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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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

| | | | |
|---|---|---|---|
| Surveyed By: SP,JA | | | |
| Plotted By: BD | | | |
| Checked By: AJO | | | |
| Submitted: | | | |
| Recommended: Chief, Survey Section | | | |
| Approved: Chief, Waterways Maintenance Section | | | |

# ATCHAFALAYA RIVER
# LOWER BAY CHANNEL
# AR_05_BAY_20210722_CS
# 22 July 2021

**Sheet Reference Number**
5 of 16

Revision Number:
4.1-20161107