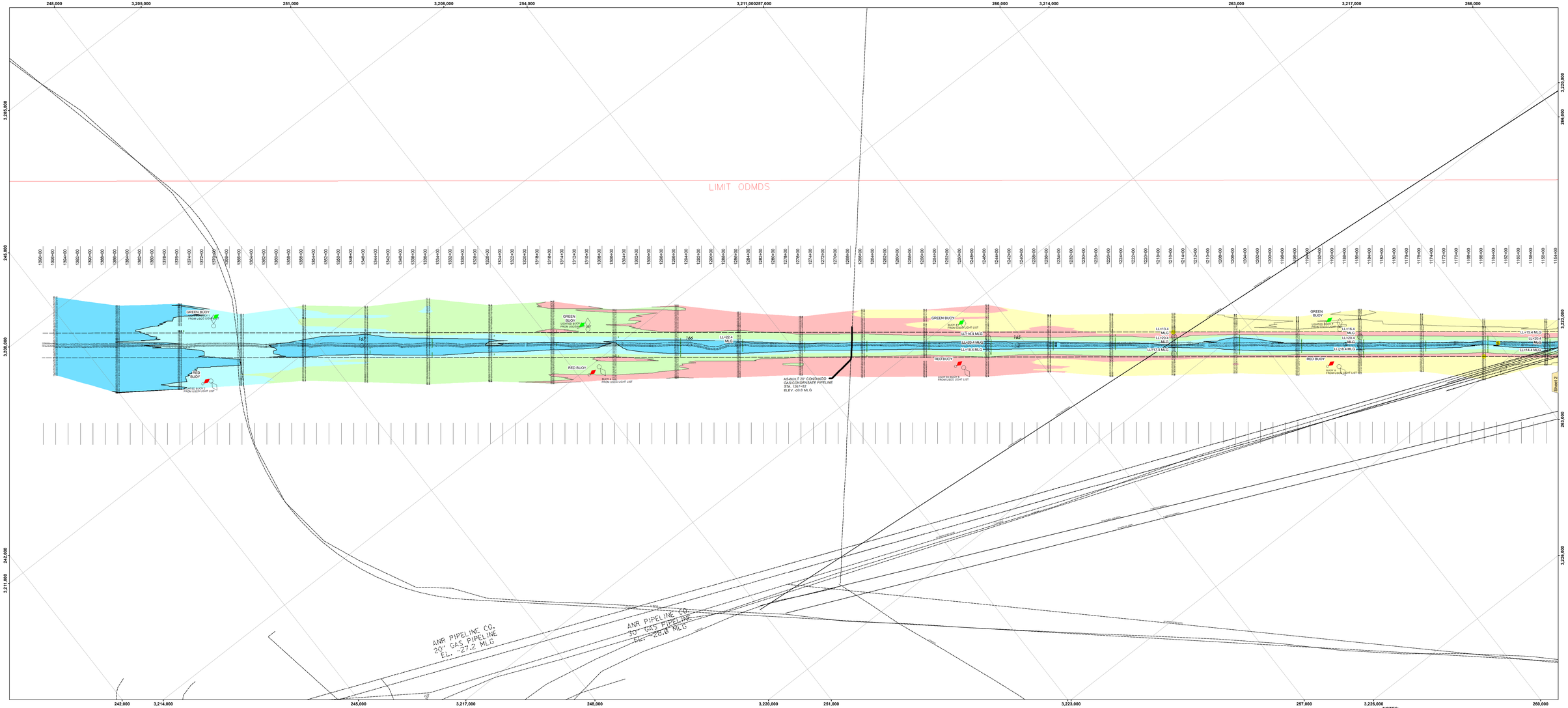

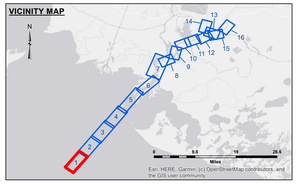

LEGEND

- 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: EUGIENE ISLAND: 1.62 MLG AVG.
Sea Conditions: 2-3FT
Vessel Name: VALENTOUR
Survey Type: DREDGE PROG
Sounding Frequency***: LOW

Feet
0 800 1,600 2,400 3,200

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 8760922 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: P.A.R. LLC. (1998 DOQQ imagery in green).

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

* Difference between high and low frequency elevations where greater than 1.0'.

** 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 after the survey is completed due to natural and man-made events such as storms, dredging and mining activities. The U.S. Army Corps of Engineers assumes no responsibility for the accuracy of data after the survey is completed. This data is intended for U.S. Army Corps of Engineers purposes. This data is intended for U.S. Army Corps of Engineers purposes.

Distribution Liability: The data represents the results of data collection and analysis at the time and place of survey. It is only intended for the purpose specified by the agency sponsoring the survey. Any other use or application of the data by other parties is the sole responsibility of the parties making such use or application of the data for other than its intended purpose.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	RY/LHA/DAB/SSC/HAM/BE	Surveyed By:	BD
Recommended:	Chief, Survey Section	Reviewed By:	
Approved:	Chief, Waterways Maintenance Section	Checked By:	AQ/JR

ATCHAFALAYA RIVER BAR CHANNEL
AR_01_BAR_20230321_PR
21 March 2023

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1 of 16

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