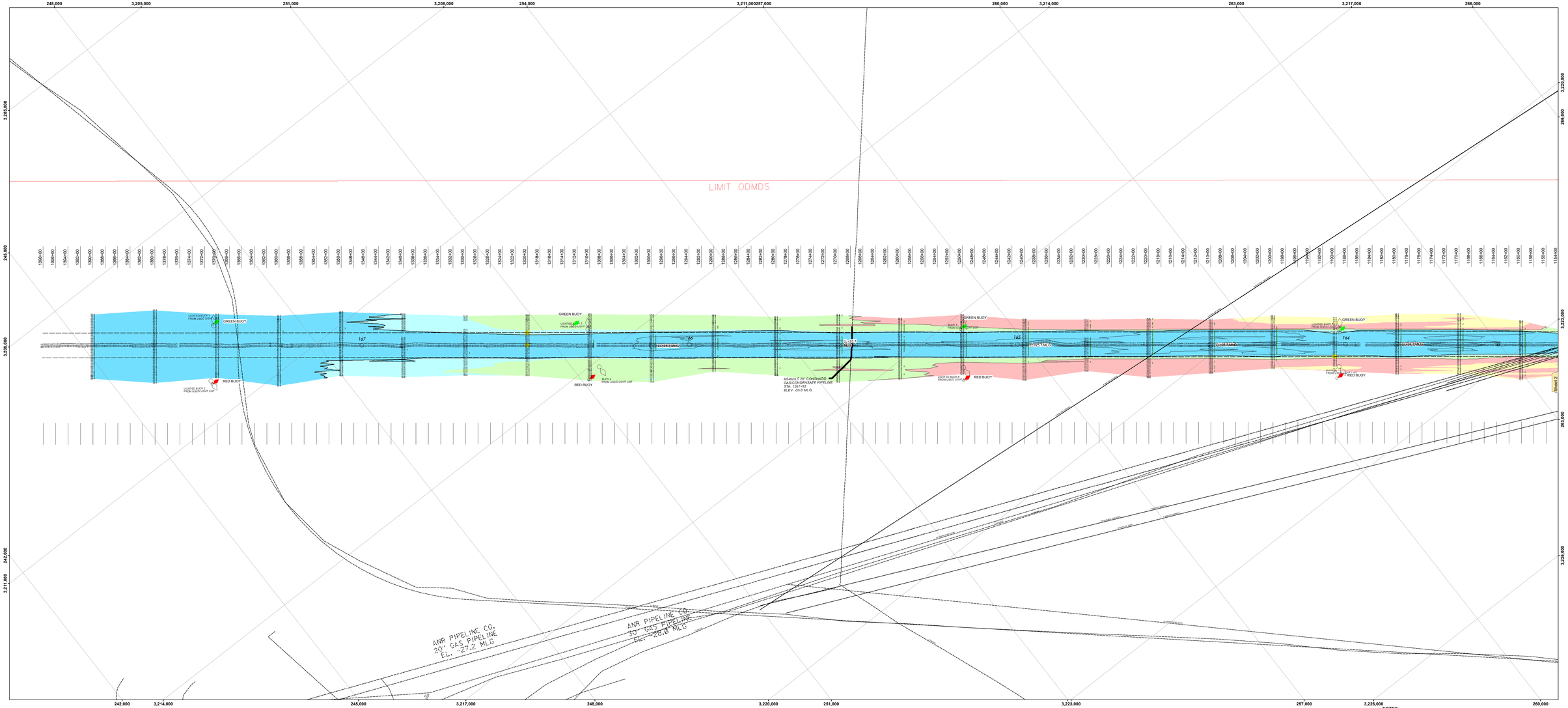

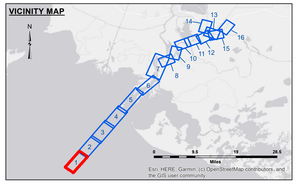

LEGEND

- 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: 2.32 MLG AVG.
Sea Conditions:	0-1 FT
Vessel Name:	M/V VALENTOUR
Survey Type:	CONDITION
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 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: 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 due to natural and man-made influences such as storms, dredging, and sediment shoaling and scouring processes. Prudent mariners should use current navigation charts and notices to mariners when navigating in the vicinity of the depicted data. Data is valid only at the time and place of the acquisition of the data for other than its intended purpose.

Distribution Liability: The data represents the results of data acquisition and processing at the time and place of acquisition for a purpose and time indicated by the contracting agency. Subsequent analysis, environmental factors, or other factors may render the data unusable or misleading. Reproduction and distribution of the data is allowed by any party with the understanding that the U.S. Army Corps of Engineers makes no claims, warranties, or guarantees of the quality of the data for other than its intended purpose.

Data Quality: Anchor Coordinates: The United States Government facilities, structures, and other features and objects shown on this chart are approximately fixed but not necessarily in exact location. The Hydrographic Office assumes no responsibility for the navigation by these features or their use as navigation marks. Depths: Not to imply that every rock, shoal, and hazard to navigation has been located nor that the charted depths are the greatest or least depths existing. The Hydrographic Office shall not be responsible for damages resulting from the use of these data to others without data transmitting this Disclaimer.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:		Surveyed By: AQUAMECCHAMPIONE	
Recommended:	Chief, Survey Section	Plotted By: BD	Checked By: AQUIR
Approved:	Chief, Waterways Maintenance Section		

ATCHAFALAYA RIVER BAR CHANNEL AR_01_BAR_20240612_CS 12 June 2024

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4.2-20260420