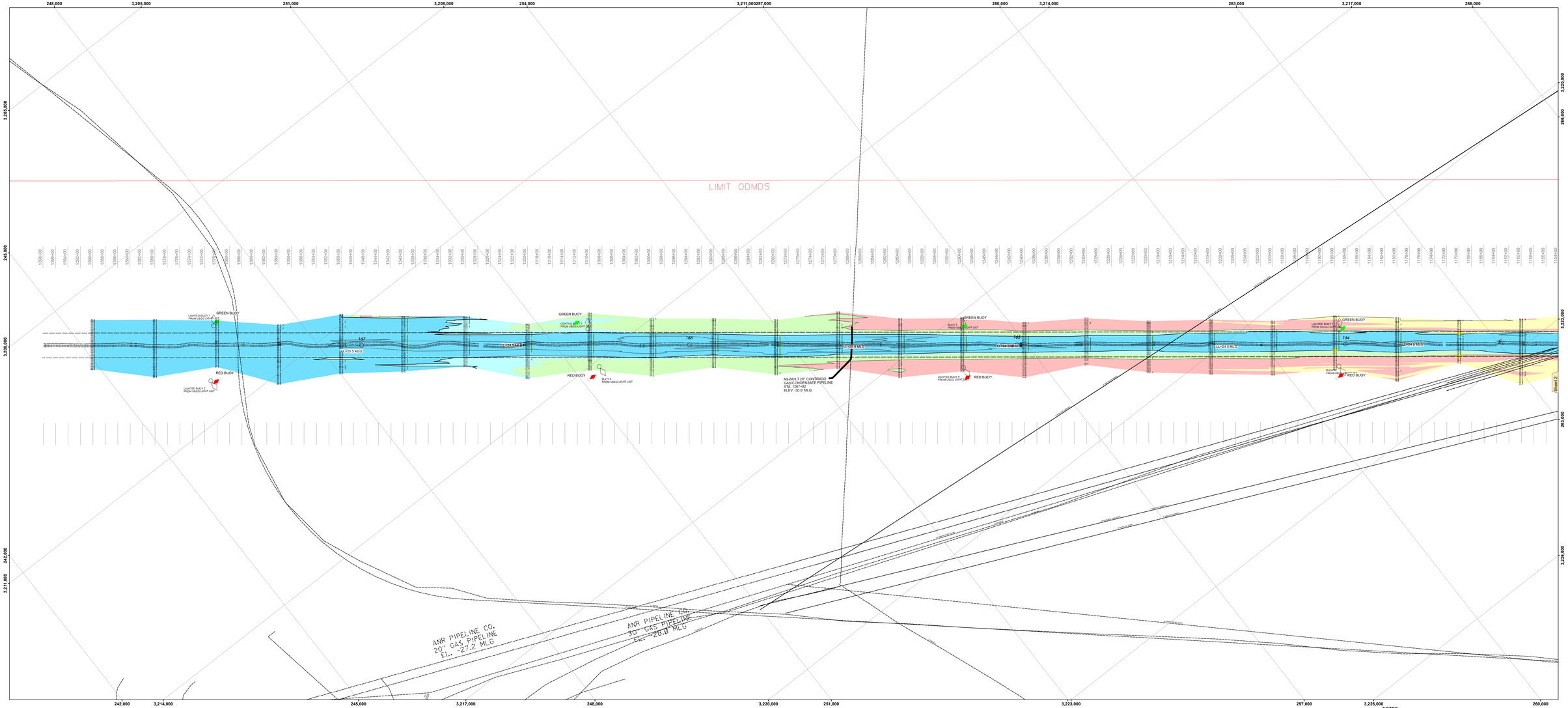

US Army Corps of Engineers
District: CEMVN

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Data Constraints: Hydrographic survey data is subject to change due to natural and man-made events, including but not limited to storms, flooding and sediment shoaling and removal processes. Prior to, during, and after navigation, users should consult the most recent survey data and other pertinent information to ensure safe navigation. This data is intended for U.S. Army Corps of Engineers navigation purposes only. Other uses may be misleading or dangerous.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

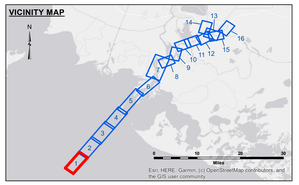
Submitted:		Surveyed By: AQUABEC/CHAMPINE	
Recommended:	Chief, Survey Section	Plotted By: BD	Checked By: AQUIR
Approved:	Chief, Waterways Maintenance Section		

ATCHAFALAYA RIVER
BAR CHANNEL
AR_01_BAR_20250225_PR
25 February 2025

Sheet Reference Number
1 of 16

Revision Number:
4.2-20260420

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
- 3 Fluff Thickness*
- -12' and above
- -12' to -15'
- -15' to -18'
- -18' to -20'
- -20' and below

Gage Reading:	EUGINE ISLAND: 1.52 MLG AVG.
Sea Conditions:	0-1 FT
Vessel Name:	M/V 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.