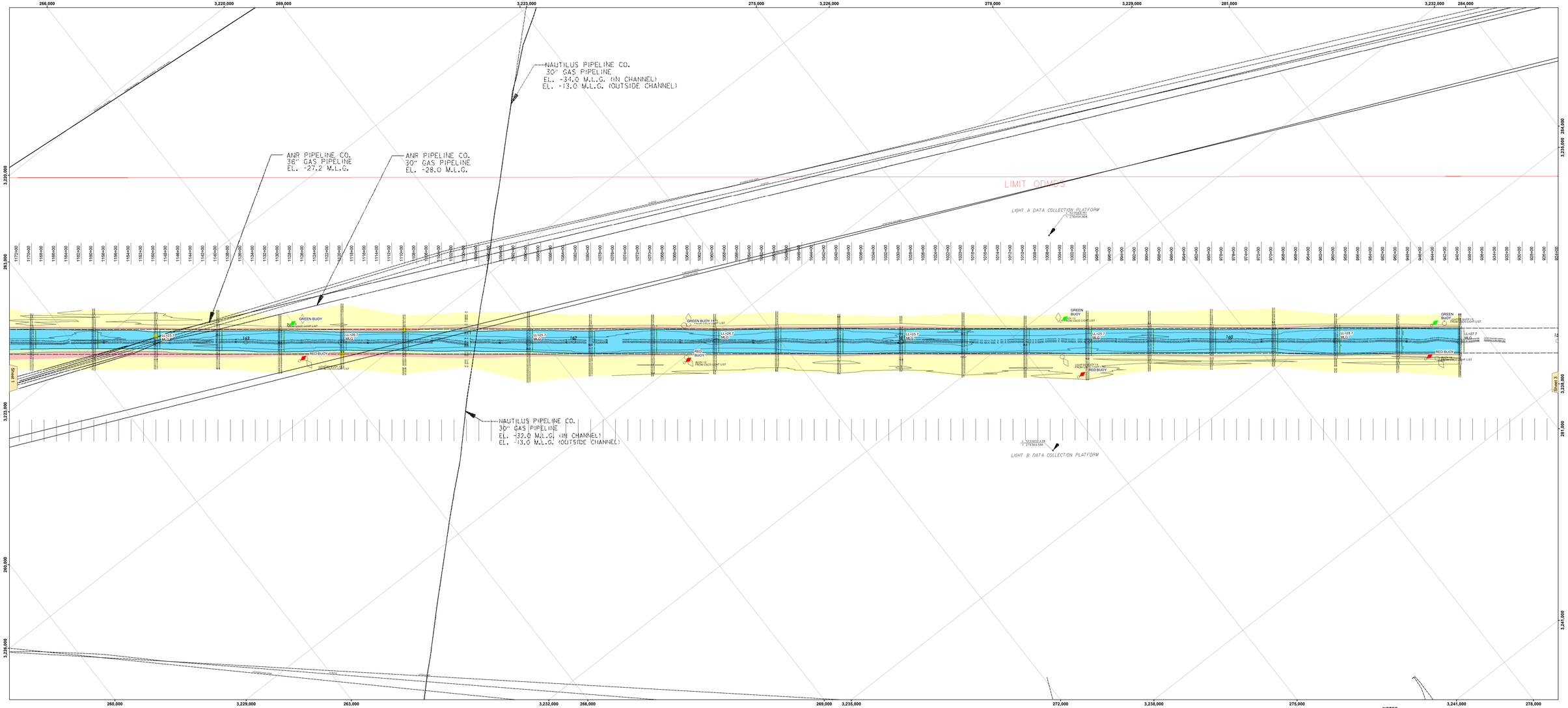

US Army Corps of Engineers
District: CEMVN

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Data Limitations: Hydrographic survey data is subject to change and may be incomplete or inaccurate due to factors including but not limited to: equipment malfunction, human error, software errors, data processing, and missing probabilities. Proud, or floating, and semi-floating aids are not charted. Floating aids are moored but may shift position within their assigned watch circle. Aids to navigation are subject to change without notice. Refer to Notice to Mariners for current information. This data is intended for U.S. Army Corps of Engineers use only. Use by others is at their own risk.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

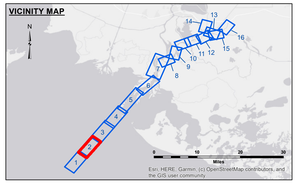
Submitted:		Surveyed By: AQUAMEC/CHAMPINE	
Recommended:	Chief, Survey Section	Plotted By: JH	
Approved:	Chief, Waterways Maintenance Section	Checked By: JH	

ATCHAFALAYA RIVER
BAR CHANNEL
AR_02_BAR_20241115_CS
15 November 2024

Sheet Reference Number
2 of 16

Revision Number:
4.2-20260420

VICINITY MAP



LEGEND

Federal Navigation Channel	Cable Area	Borrow Area	-12' and above
Federal Navigation Center Line	Placement Area	Shoalest Sounding**	-12' to -15'
As-built Pipeline/Cable	Anchorage Area	Beacon, General	-15' to -18'
Unconfirmed Pipeline/Cable	Obstruction Point	Red Navigation Buoy	-18' to -20'
Project Depth Contour	Wrecks-Submerged	Green Navigation Buoy	-20' and below
			3 Fluff Thickness*

Gage Reading:	EUGENE ISLAND: 1.30 MLG AVG
Sea Conditions:	0-1 FT
Vessel Name:	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 8860O 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.