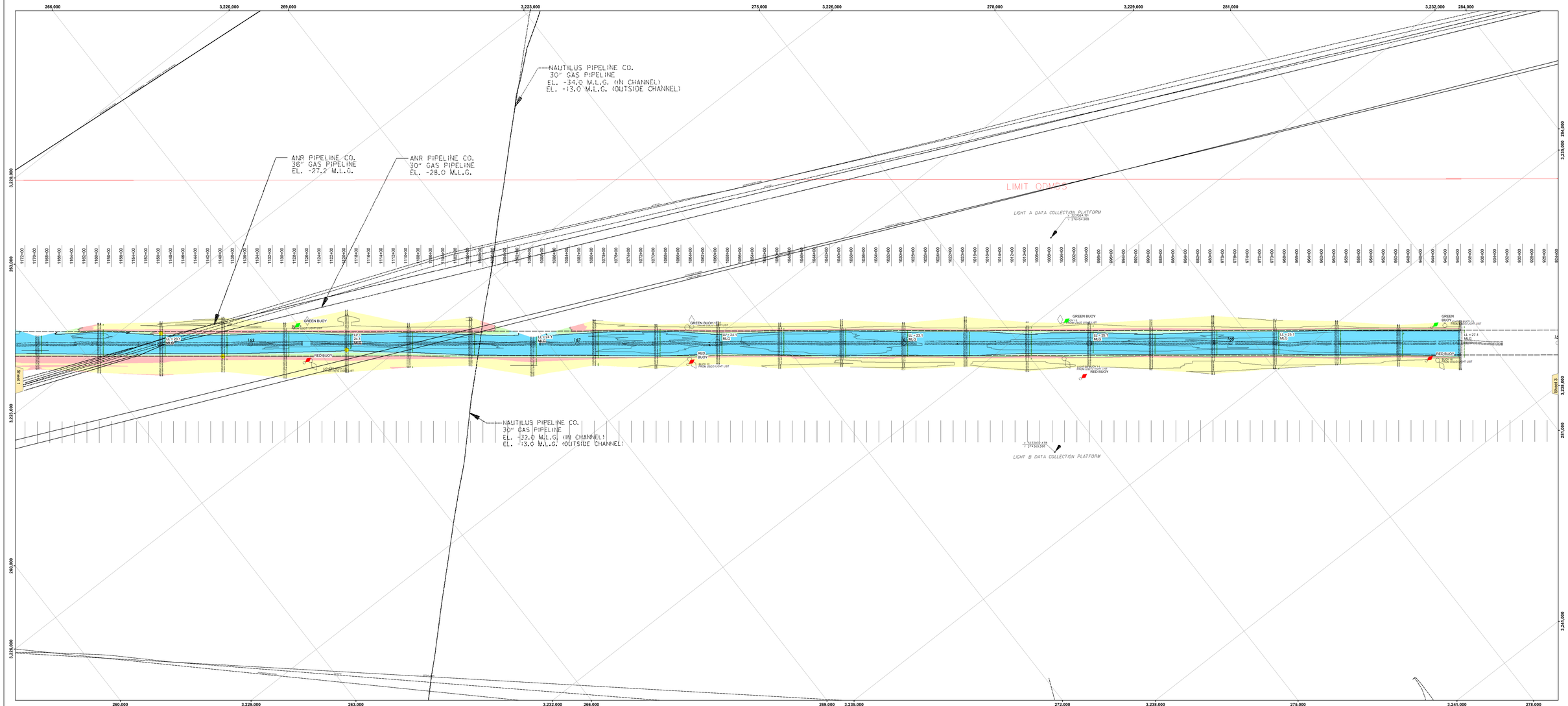

US Army Corps of Engineers
District: CEMVN

Distribution Liability: The data represents the results of data collection and analysis at the time and under the conditions noted in the survey report and plan and, within the limits of the survey, accurately depicts the conditions observed at the time of the survey. The Corps of Engineers assumes no liability for the application of the data for other than its intended purpose.

Data Caveats: Hydrographic survey data is subject to change and may be affected by many factors including, but not limited to, shoaling, scour, and dredging and removing underwater obstructions. Prior to, during, and after navigation, it is the responsibility of the navigation interests to ensure safe navigation. Data is intended for U.S. Army Corps of Engineers use only. Other users assume all risk associated with its application. This data is intended for U.S. Army Corps of Engineers use only.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

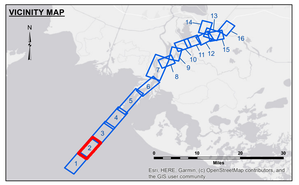
Submitted:		Surveyed By: AQUAMEC/CHAMPINE	
Recommended:	Chief, Survey Section	Plotted By: JH	Checked By: JH
Approved:	Chief, Waterways Maintenance Section		

ATCHAFALAYA RIVER BAR CHANNEL
AR_02_BAR_20250207_CS
07 February 2025

Sheet Reference Number
2 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
- -12' and above
- -12' to -15'
- -15' to -18'
- -18' to -20'
- -20' and below
- 3 Fluff Thickness*

Gage Reading:	EUGENE NOAA: 1.94 MLG AVG
Sea Conditions:	0-1 FT
Vessel Name:	VALENTOUR
Survey Type:	CS
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.