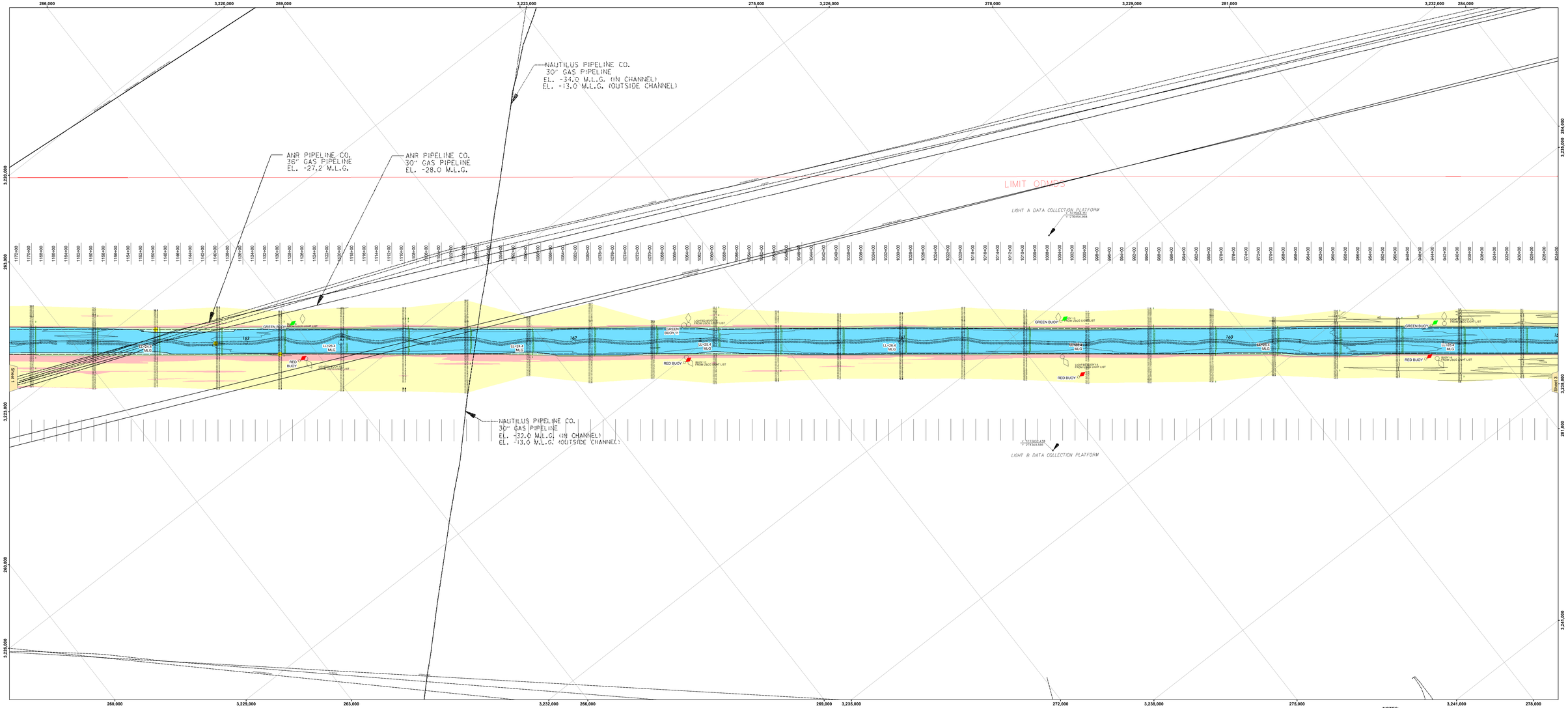

US Army Corps of Engineers
District: CEMVN

Data Limitations: Horizontal Datum: 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.

Data Constraints: Hydrographic survey data is subject to change due to natural and man-made influences such as storms, dredging, and sediment shoaling and removal processes. Prior to using this data, it is recommended that the user contact the Corps of Engineers to ascertain the most recent data available. This data is provided by the U.S. Army Corps of Engineers "as is" and "with all faults" without warranty of any kind.

Distribution Liability: The data represents the results of data collection and analysis at the time and under the conditions noted in the data collection and analysis reports. It is intended for use in planning and assessing navigation and other water resource projects. Any other use of the data or any part of the application of the data for other than its intended purpose is at the user's risk.

Cross Liability: Andrew Constantine, The United States Government liabilities, expressed or implied, arising from the use of this data shall not exceed the expenditures required to correct errors or omissions in the data. The United States shall not be liable for any special, indirect or consequential damages attributable to the data furnished. The United States shall not be liable for any claim by another party or person based on the use of the data furnished by the United States. The United States shall not be liable for any claim arising from the use of the data furnished by the United States to others without data transmitting this Disclaimer.

Data Quality: Data quality is a function of the quality of the source data. It is not practical or economical to redo all data to meet the quality standards of the most demanding user. Data should be used only by qualified users who understand its limitations.

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_20240820_CS 20 August 2024

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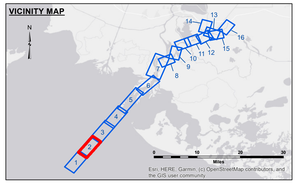
Revision Number: 4.2-20240820

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:	EUGENE ISLAND: 1.60 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 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.

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** 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.