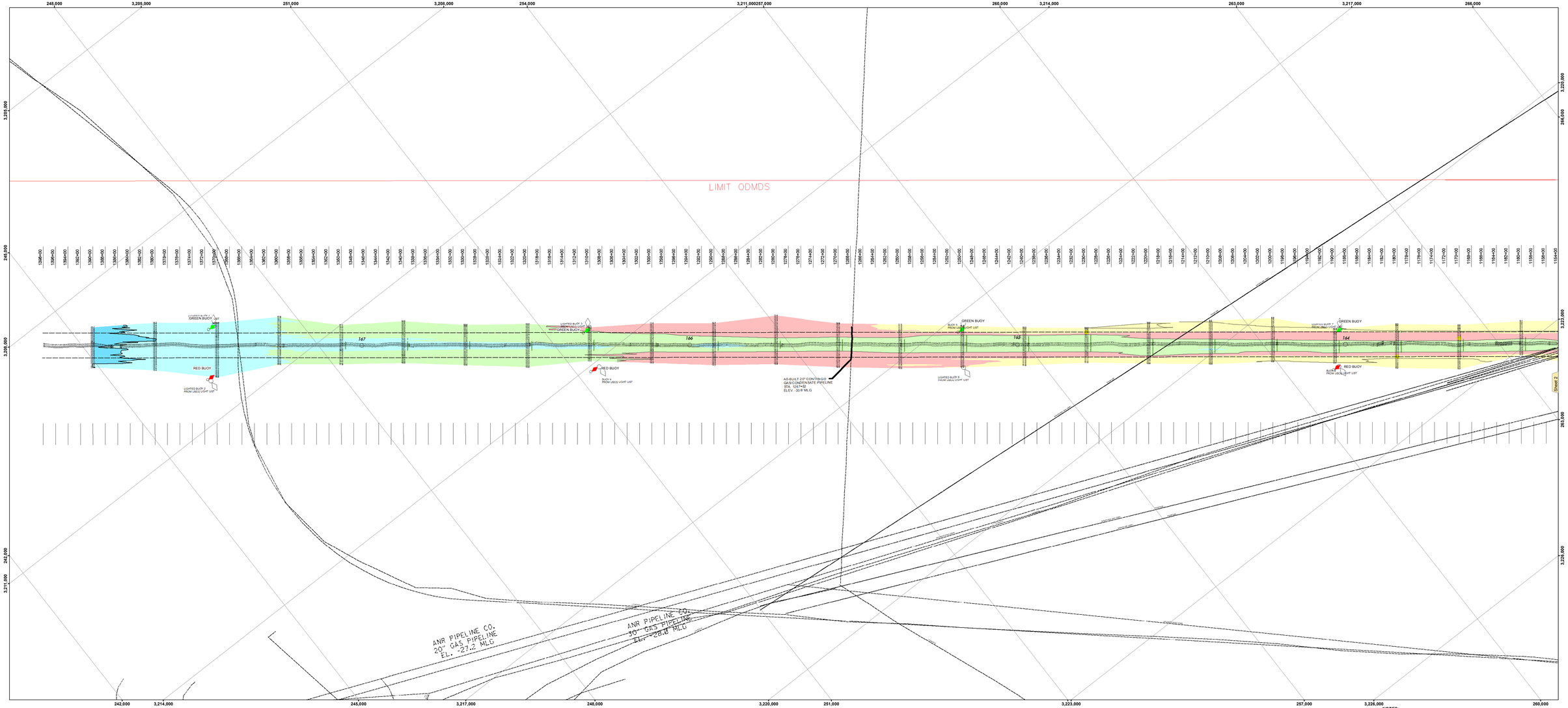


US Army Corps of Engineers
District: CEMVN

Distribution Limits - The data represents the results of data collection and analysis for navigation purposes only. Data is only valid within the geographic extents depicted on this chart. Data outside the depicted extents may be incorrect or misleading. Use of this data for purposes other than its intended purpose is at the discretion of the user.

Data Constraints - Hydrographic survey data is subject to change due to factors such as storms, dredging, and natural sediment shoaling and scouring processes. Thus, U.S. Army Corps of Engineers hydrographic survey data is valid only at the time and date of the survey. Mariners should use the most recent survey publication. This data is intended for U.S. Army Corps of Engineers navigation purposes only. Other uses are at the user's own risk.

Data Limitations - The United States Government makes no warranties, expressed or implied, concerning the accuracy, completeness, fitness for a particular purpose or merchantability of any data provided, nor shall any warranties be deemed to arise through custom or usage in the trade or by any course of dealing. The United States shall in no event be liable for any damages, including but not limited to, direct, indirect, special, incidental, or consequential damages, arising out of, resulting from, or in connection with the use of this data. The United States shall in no event be liable for any damages arising from the use of this data by other than the intended purpose. Navigation charts derived from this data are only coordinated with the United States Coast Guard.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed by:	Plotted by:	Checked By:
05/25/95	BD	AO

Submitted: _____ Chief, Survey Section

Recommended: _____ Chief, Waterways Maintenance Section

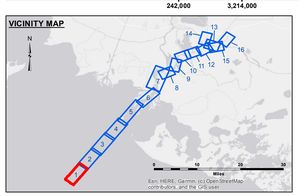
Approved: _____

ATCHAFALAYA RIVER
BAR CHANNEL
AR_01_BAR_20210330_CS
30 March 2021

Sheet Reference Number
1 of 16

Revision Number: 4.3-20190103

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:	EUGINE ISLAND: 2.8 MLG
Sea Conditions:	2 FEET
Vessel Name:	M/V LAFOURCHE
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.