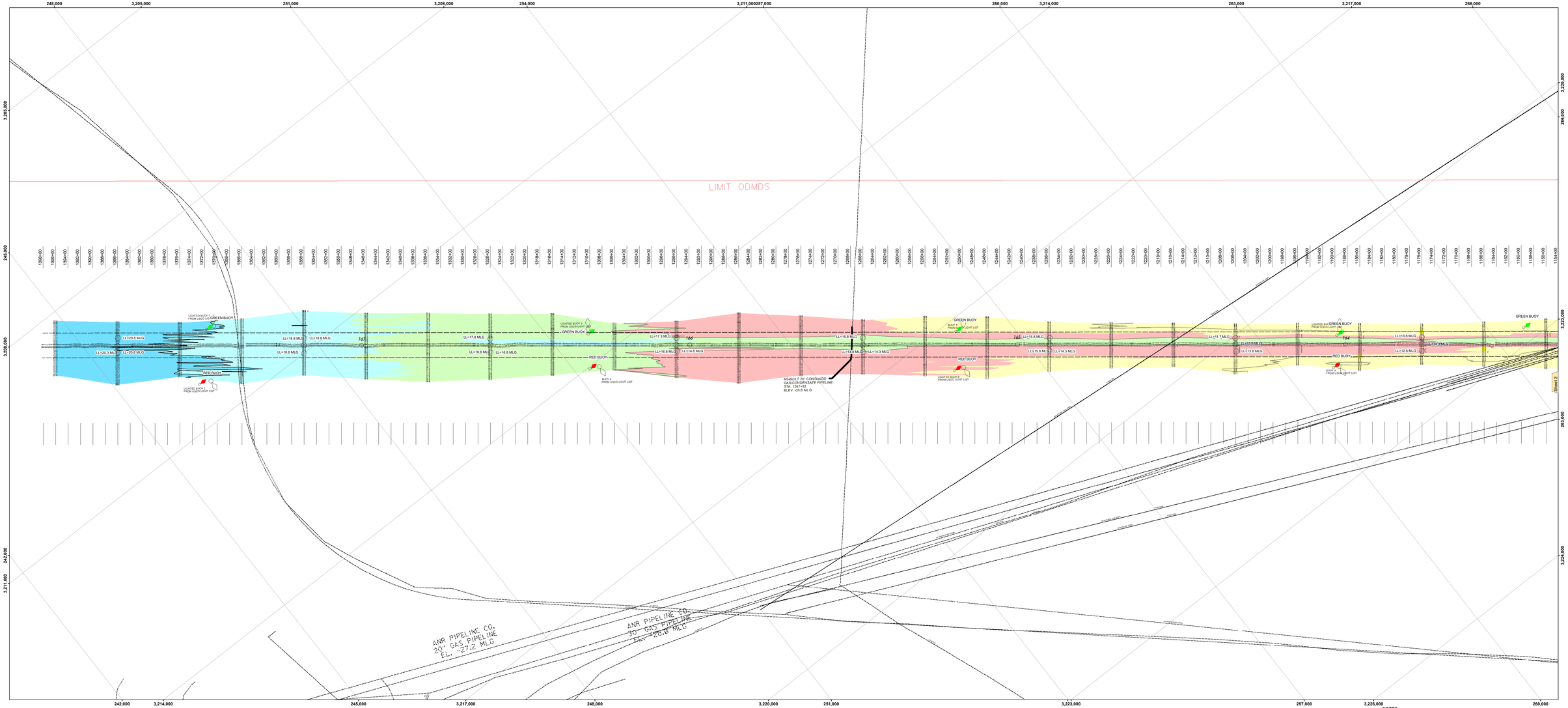

US Army Corps of Engineers
District: CEMVN

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Data Constraints: Hydrographic survey data is subject to change after the survey due to natural and man-made events including storms and dredging and shoaling activities occurring subsequent to the survey. Depths may vary from those shown due to the tolerances of the sounding equipment and the accuracy of the tide reducers. This data is intended for U.S. Army Corps of Engineers navigation management purposes only and may not be suitable for other applications. This data is intended for U.S. Army Corps of Engineers navigation management purposes only and may not be suitable for other applications.

Data Limitations: This data represents the results of data collected at the time and under the conditions noted in the metadata. It may not be fit for other purposes or uses. Therefore, it is strongly recommended that anyone using this data first contact the District Engineer to determine the suitability of the data for their intended purpose. Any other use or application of the data for other than its intended purpose is at your risk.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

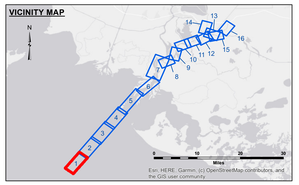
Submitted:	Surveyed By: RVS-ADD/ADAMS	
Recommended: Chief, Survey Section	Reduced By: BD	
Approved: Chief, Waterways Maintenance Section	Checked By: AJO	

ATCHAFALAYA RIVER
BAR CHANNEL
AR_01_BAR_20200813_CS
13 August 2020

Sheet Reference Number
1 of 16

Revision Number:
4.1-20191105

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: 2.16 MLG AVG.
Sea Conditions: 0-2 ft.
Vessel Name: M/V 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 8860I 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.