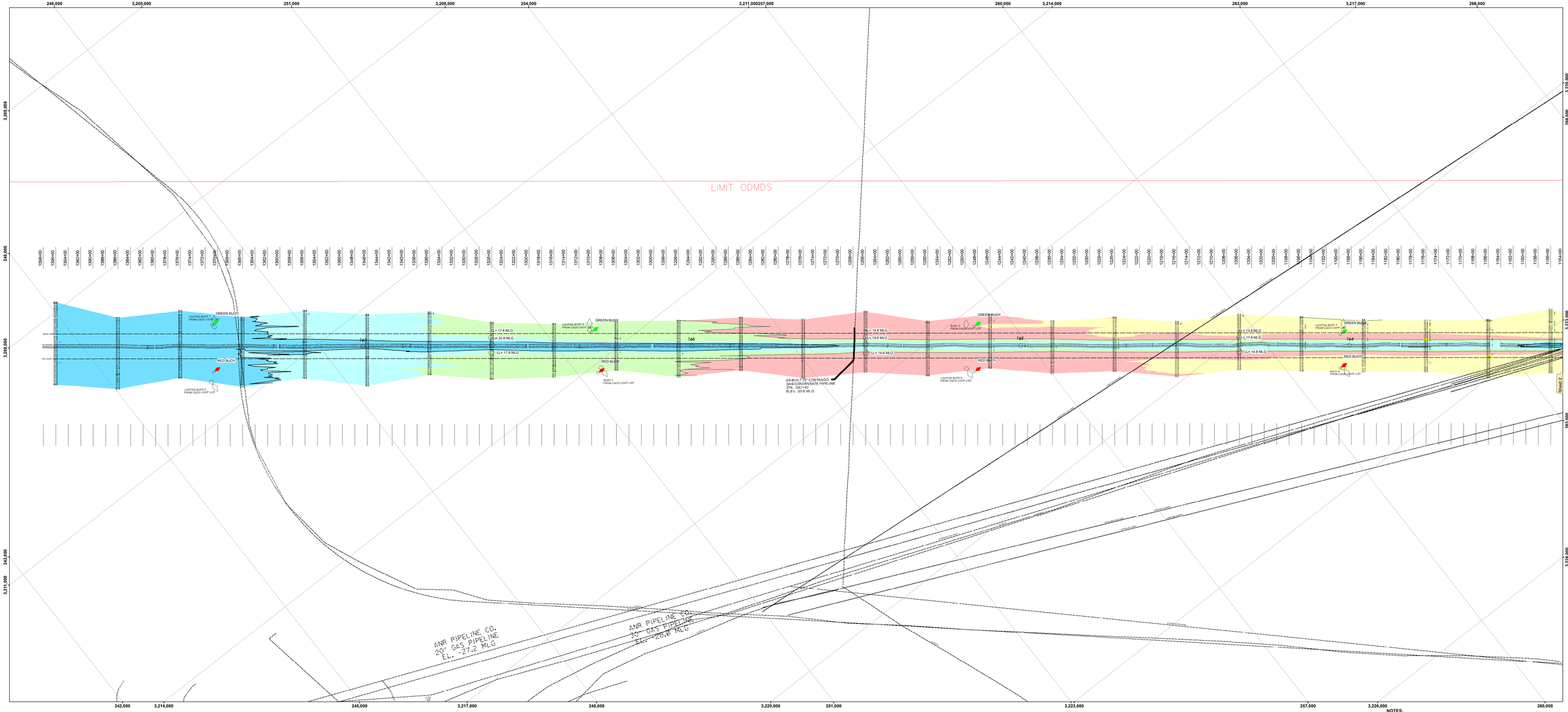
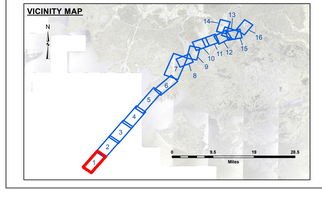
CORPS OF ENGINEERS

U.S. ARMY



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 ISLAND: 2.23 MLG
Sea Conditions: CALM
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 8860l 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.

US Army Corps of Engineers
District: CEMVN

DISCLAIMER
Distribution Liability: This data represents the results of data collection and processing performed by the U.S. Army Corps of Engineers, New Orleans District. Although reasonable efforts were made to assure the data were correct at the time of processing, the U.S. Army Corps of Engineers, New Orleans District assumes no liability for any errors, omissions, or inaccuracies in the digital data or hardcopy graphics. Any use of these data to determine navigability is at the user's own risk. The U.S. Army Corps of Engineers, New Orleans District assumes no liability for any decisions made or actions taken by any person or organization based on these data. The U.S. Army Corps of Engineers, New Orleans District shall not be liable for damages arising from the use of these data. The U.S. Army Corps of Engineers, New Orleans District reserves the right to correct, update, modify, or withdraw these data without prior notice.

Data Constraints: Hydrographic survey data is subject to change due to natural processes and human activities. Survey data and accompanying products may be incomplete. This data is intended for U.S. Army Corps of Engineers navigation purposes only. Data may not be suitable for other purposes.

Data Limitations: This data represents the results of data collection and processing performed by the U.S. Army Corps of Engineers, New Orleans District. Although reasonable efforts were made to assure the data were correct at the time of processing, the U.S. Army Corps of Engineers, New Orleans District assumes no liability for any errors, omissions, or inaccuracies in the digital data or hardcopy graphics. Any use of these data to determine navigability is at the user's own risk. The U.S. Army Corps of Engineers, New Orleans District assumes no liability for any decisions made or actions taken by any person or organization based on these data. The U.S. Army Corps of Engineers, New Orleans District shall not be liable for damages arising from the use of these data. The U.S. Army Corps of Engineers, New Orleans District reserves the right to correct, update, modify, or withdraw these data without prior notice. By using these data, the user agrees to hold harmless the U.S. Army Corps of Engineers, New Orleans District for any damages resulting from the use of these data. The user agrees to acknowledge the U.S. Army Corps of Engineers, New Orleans District as the originator of the data in any derivative products. The data is intended for U.S. Army Corps of Engineers navigation purposes only. Data may not be suitable for other purposes.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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

ATCHAFALAYA RIVER
BAR CHANNEL
AR_01_BAR_20220804_CS
04 August 2022

Sheet Reference Number
1 of 16

Revision Number:
4.2-20290620