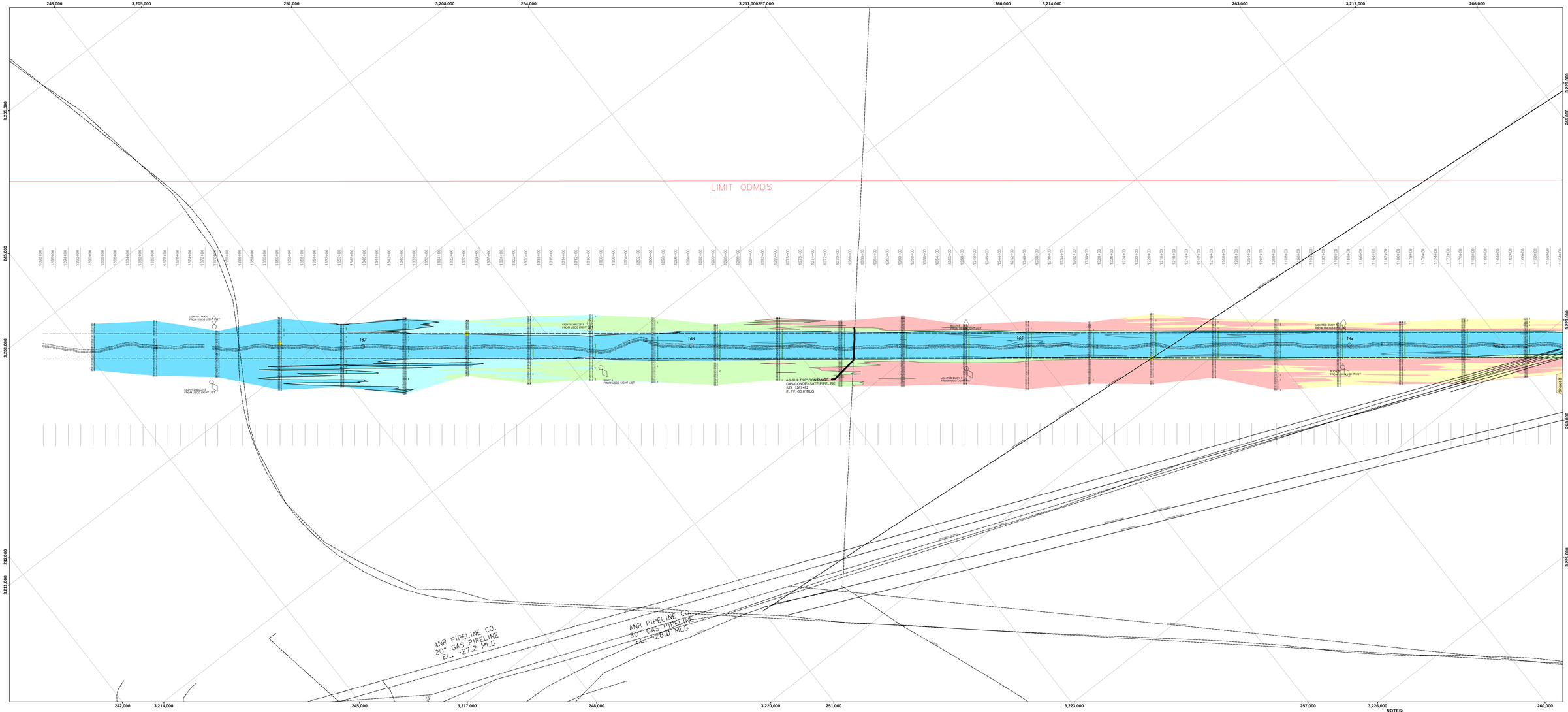
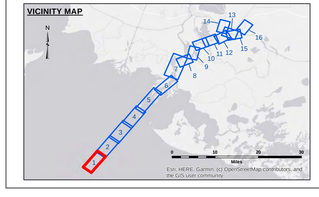
CORPS OF ENGINEERS

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: 2.1 MLG AVG.
Sea Conditions: 0-1 FT
Vessel Name: M/V VALENTOUR
Survey Type: DREDGE PROG
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

Distribution Liability: This data represents the results of data collection and analysis performed by the U.S. Army Corps of Engineers, New Orleans District, and is furnished as a public record. Data are compiled to the standards of the U.S. Army Corps of Engineers and may not meet standards of other agencies or persons. Any use of this data for other than its intended purpose is at the risk of the user.

Data Constraints: Hydrographic survey data is subject to change over time. Reproduction of these data without the most recent survey and corresponding shoal monitoring products is "Not to Be Used for Navigation". Changes may occur between survey dates. The user is responsible for verifying the currency of these data prior to use. Please contact the Navigation Section, New Orleans District, for the most recent publication. This data is intended for U.S. Army Corps of Engineers use only.

GIS Liability:
Access Constraints: The United States Government furnishes this map and geographic data and has no warranty concerning accuracy, completeness, reliability, or suitability of this information for any particular purpose. Data may be updated without notification. The United States shall not be liable for any damage arising from the use of this data. Anyone who receives this data assumes responsibility for its use and agrees to hold the United States harmless from any claims or liability resulting from the use of this data. Users are strongly cautioned to verify the accuracy of these data before using them. Any user who modifies these data is solely responsible for describing and documenting such modifications. The United States shall not be liable for any damage arising from the use of modified data. Anyone who receives this data assumes responsibility for its use and agrees to hold the United States harmless from any claims or liability resulting from the use of modified data. Users are strongly cautioned to verify the accuracy of modified data before using them. Any user who modifies these data is solely responsible for describing and documenting such modifications. These data is intended for use only as originally processed by the U.S. Army Corps of Engineers, New Orleans District. The data should not be used in whole or in part as the basis for engineering or construction activities without verification of its fitness for such activities. Use of these data for other than their intended purpose is at the risk of the user.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:		Surveyed By:	MEC&C
Recommended:	Chief, Survey Section	Reviewed By:	BD
Approved:	Chief, Waterways Maintenance Section	Checked By:	ADJM

ATCHAFALAYA RIVER
BAR CHANNEL
AR_01_BAR_20240719_CS
19 July 2024

Sheet Reference Number
1 **of** 16

Revision Number:
4.2-20250620