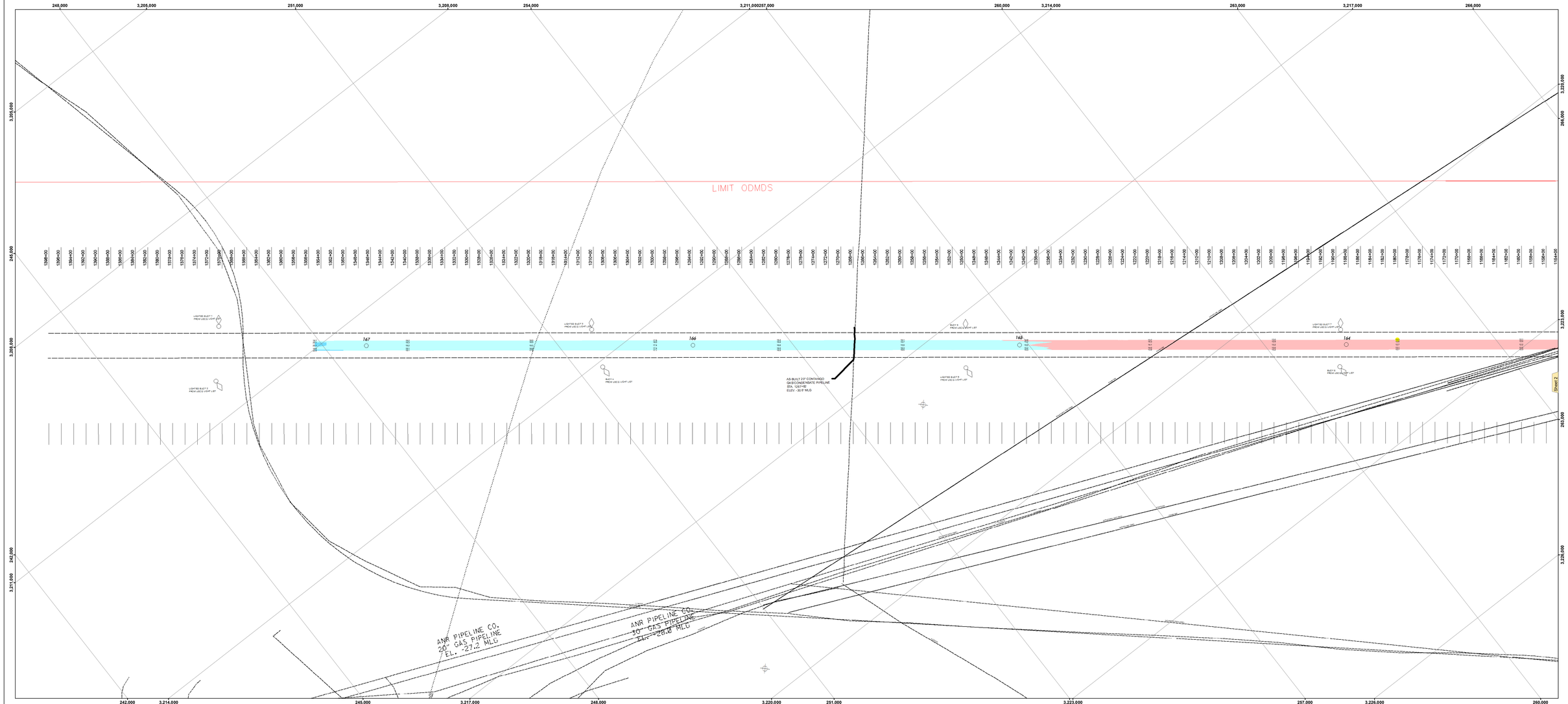
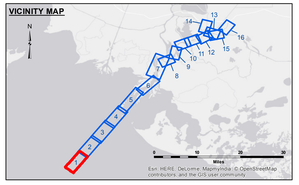


VICINITY MAP



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
- -15' and above
- -15' to -20'
- -20' and below
- 3 Fluff Thickness*

This data was collected in cooperation with the Port of Morgan City.
The Port of Morgan City is not responsible for errors or ommisions contained in this data set.

Gage Reading:	EUGENE ISLAND: 2.2 MLG
Sea Conditions:	CALM
Vessel Name:	MC OB
Survey Type:	MC RHEOTUNE
Sounding Frequency***:	N/A

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.

2013 Aerial Photography data source: GEOCLIP, Atlantic Group, 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

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Distribution Limits: This data represents the records of data collection, processing, and storage for navigation purposes only. It may not meet requirements for other purposes, including engineering, research, or any other purpose requiring more accurate, complete, or up-to-date information than that for which it was collected. Use of this data for any other purpose than that for which it was collected is at the user's own risk. The Government makes no representation of any other application of the data for other than its intended purpose.

Data Limitations: Hydrographic survey data is subject to change between survey dates. Mariners should exercise caution when navigating in areas for which survey data may be more than one year old. Dredging and other activity can cause significant changes in depth in a short time. Mariners should also be aware that not all obstructions are charted, and that not all charted features are of navigational significance. The Corps of Engineers does not warrant the accuracy or completeness of this data, nor does it assume responsibility for its use or misuse by others.

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Warranties: The Corps of Engineers does not warrant the accuracy, completeness, timeliness, or suitability of this data for any purpose. Users should be aware that changes may have been made in the data since the date it was last verified for accuracy. Hazards to navigation may depend on vessel type, draft, speed, or other factors. Users should verify the data before relying on it for navigation purposes. The Corps of Engineers shall not be liable for any deficiencies in the data, nor shall any warranty be implied or inferred, as to the adequacy of the data for any purpose or the accuracy of the data beyond the date it was collected.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: MC CREW	
Recommended:	Reduced By: AO	
Approved:	Checked By: AO	
Chief, Survey Section		
Chief, Waterways Maintenance Section		

ATCHAFALAYA RIVER
BAR CHANNEL DENSITY SURVEY
AR_01_DEN_20170619_CS
19 June 2017

Sheet Reference Number
1 of 16

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3.12-20160811