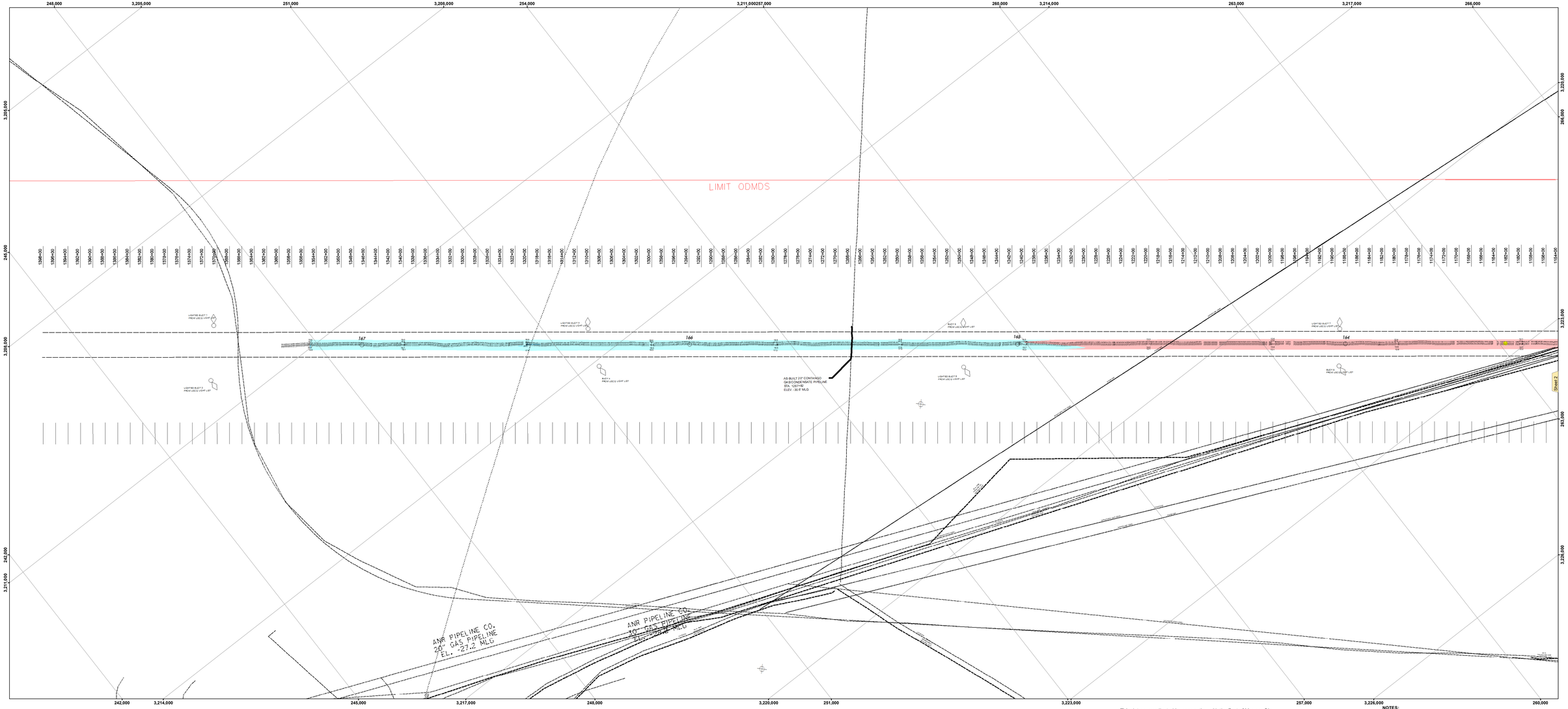
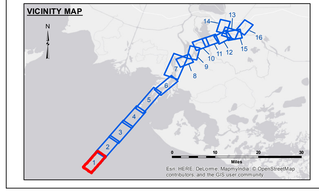


VICINITY MAP



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: 3.0/2.6 MLG
Sea Conditions:	CALM
Vessel Name:	MC OB
Survey Type:	CONDITION 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 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.

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.

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Data Constraints: Hydrographic survey data is subject to change due to natural and man-induced forces. Reliance on data for navigation purposes is the responsibility of the user. Use of data for any purpose other than navigation is at the user's own risk.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

	Surveyed By	Scale	Checked By
Submitted:	AQUAS SRL,AFJOPS	AS	AO
Recommended:	Chief, Survey Section	Date	
Approved:	Chief, Waterways Maintenance Section		

ATCHAFALAYA RIVER
BAR CHANNEL DENSITY SURVEY
AR_01_DEN_20170420_CS
20 April 2017

Sheet Reference Number
1 of 16

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3.12-20160511