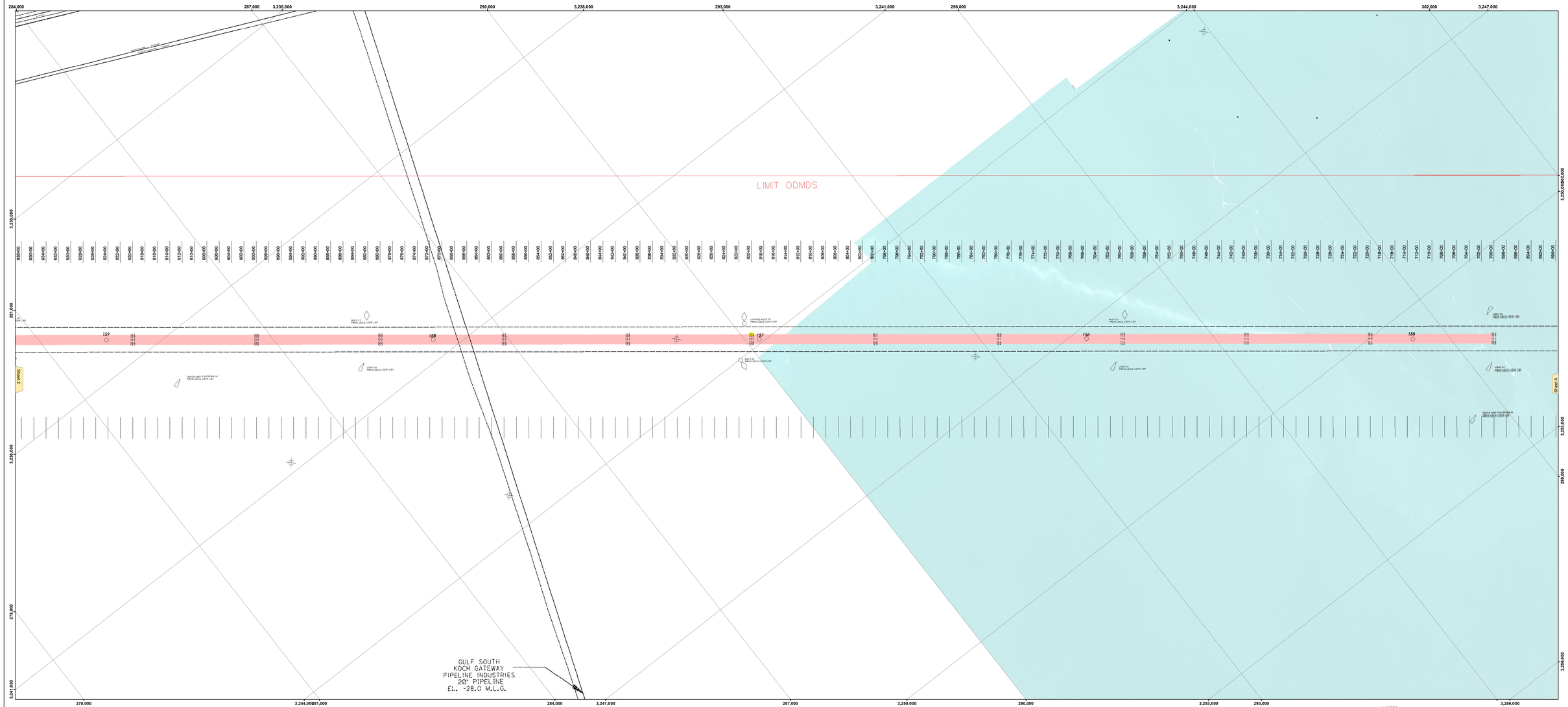
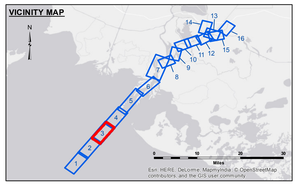


VICINITY MAP



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 8860 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

Data Limitations: Hydrographic survey data is subject to change due to natural and man-made events and conditions. Hydrographic survey data represents the bottom conditions at the time of the survey. Distribution Limits: The data contained in this set of data is intended for use by the Corps of Engineers and other Federal agencies. It may also be used by other agencies, institutions, and the public for any purpose not involving navigation. As a courtesy, we provide this data to the Port Authorities and the pilots for their use in navigating the waterway. The Corps of Engineers does not warrant the accuracy or completeness of the data beyond the original intended purpose. The data is provided on a "as is" basis and the Corps of Engineers disclaims any liability for any damages arising from the use of the data or information derived from the data.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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

ATCHAFALAYA RIVER
BAR CHANNEL DENSITY SURVEY
AR_03_DEN_20170619_CS
19 June 2017

Sheet Reference Number
3 of 16

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3.12-20160811