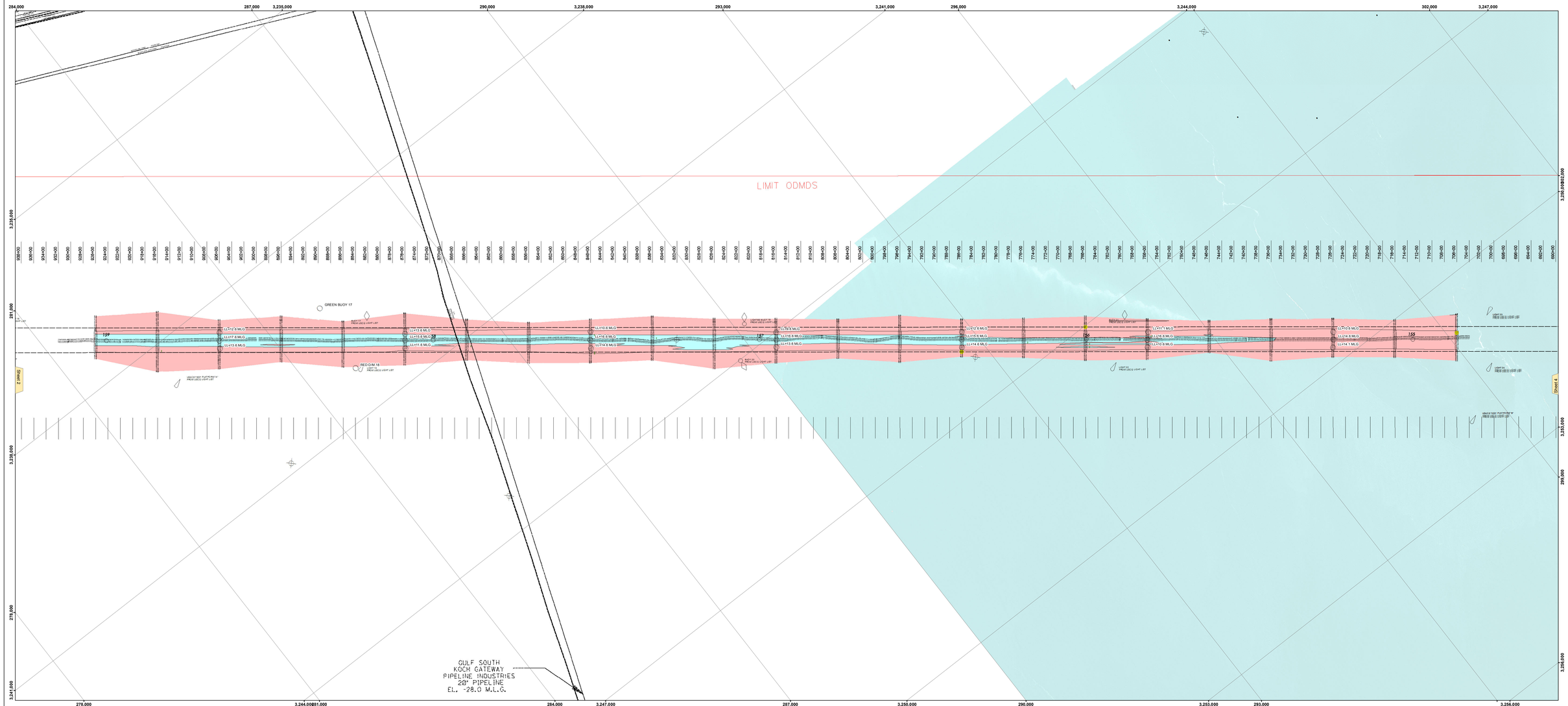

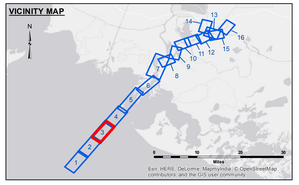

LEGEND

- 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*

Gage Reading:	EUGINE ISLAND: 2.39 MLG
Sea Conditions:	CALM
Vessel Name:	M/V BURRWOOD
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 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 after the date of survey due to natural and man-made factors affecting waterways such as storms, floods, dredging, and boating activity. Data is only representative of the date and time of the survey. Distribution Limits: This data represents the results of data collection and analysis for the stated purposes at the time and under the conditions specified. Any other use, application of the data, or application of the data after the stated purpose or time period may not be valid. Caveat Lector: Caveat Lector (Let the Reader Beware). Data is provided "as is" without warranty or any representation of accuracy, timeliness or completeness. The entire risk of the use or the results of the use of this data remains with the user. In no event shall the United States Government be liable for any damages (including, without limitation, damages for loss of business profits, business interruption, loss of business information, and the like) arising from the use of this data or from the inability to use this data. Reproduction: Reproduction of this data, in whole or in part, is prohibited unless prior written permission is obtained from the Chief, Waterways Maintenance Section, U.S. Army Corps of Engineers, New Orleans District.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By: DL,JA	Plotted By: BD	Checked By: AO	
Submitted: _____ Chief, Survey Section	Recommended: _____ Chief, Waterways Maintenance Section		

ATCHAFALAYA RIVER BAR CHANNEL
AR_03_BAR_20161019
19 October 2016

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3 of 16

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