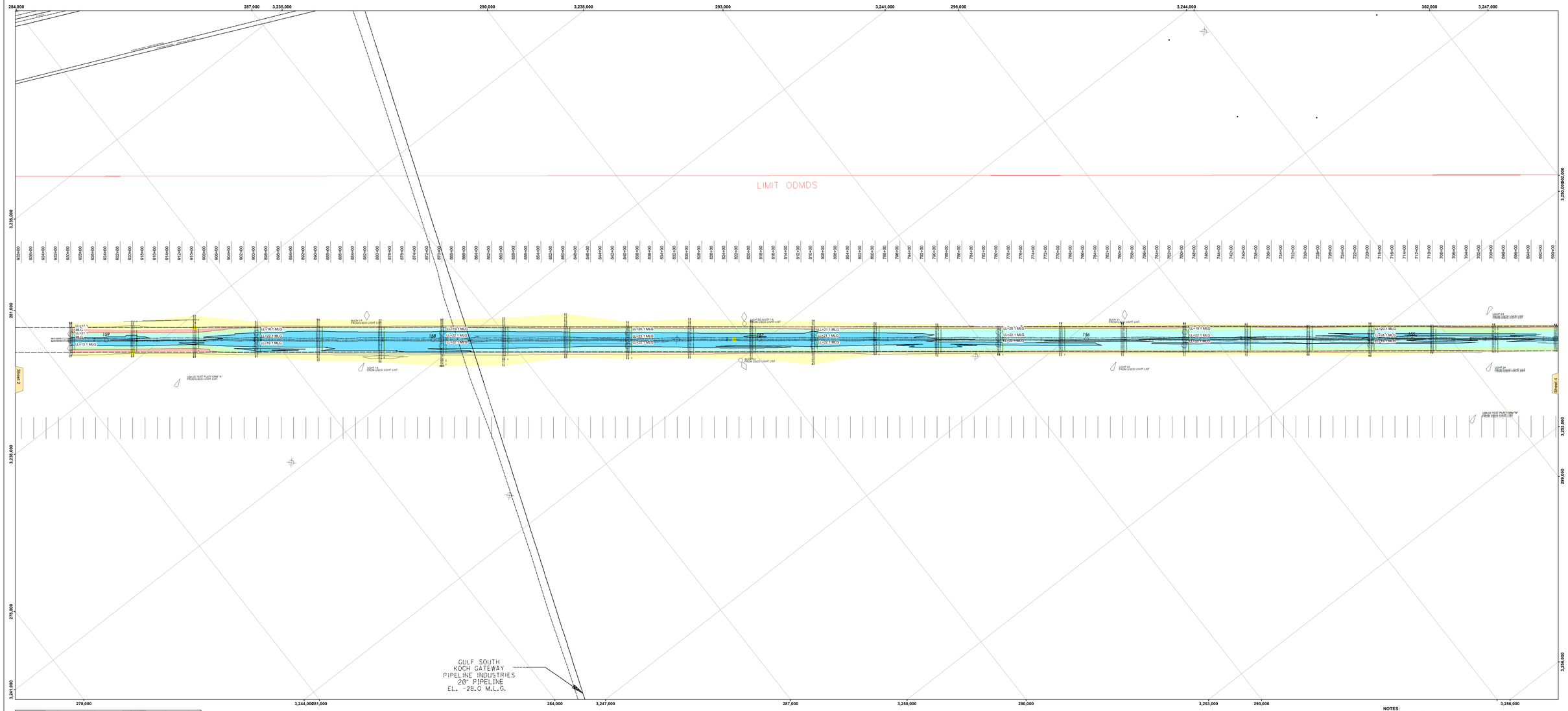
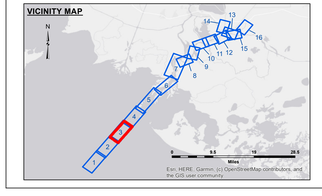


VICINITY MAP



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: 0.87 MLG AVG.
Sea Conditions: CALM
Vessel Name: MV TECHE
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

DISCLAIMER
Data Limitations: The data represents the results of data collection and analysis for the intended purpose as described in this report and may not be suitable for other purposes. The Corps of Engineers makes no claim to the accuracy of the data when used for purposes other than those described in this report.

Distribution Liability: The data represents the results of data collection and analysis for the intended purpose as described in this report. The Corps of Engineers makes no claim to the accuracy of the data when used for purposes other than those described in this report. The Corps of Engineers assumes no liability regarding future use of the data or any of the applications of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to factors such as weather, navigation, sediment movement, dredging and underwater obstructions. Prior to using data, all users should contact the District Office that is responsible for the area of interest to determine if more recent data is available. Data is provided "as is" and "as available" and may be incomplete or in error (corrected on the data included and can only be considered accurate at the time of the last survey.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: SP,JS	
Recommended: Chief, Survey Section	Reduced By: BD	
Approved: Chief, Waterways Maintenance Section	Checked By: AQ,LR	

ATCHAFALAYA RIVER BAR CHANNEL AR_03_BAR_20230823_CS 23 August 2023

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Revision Number: 4.2-20090430