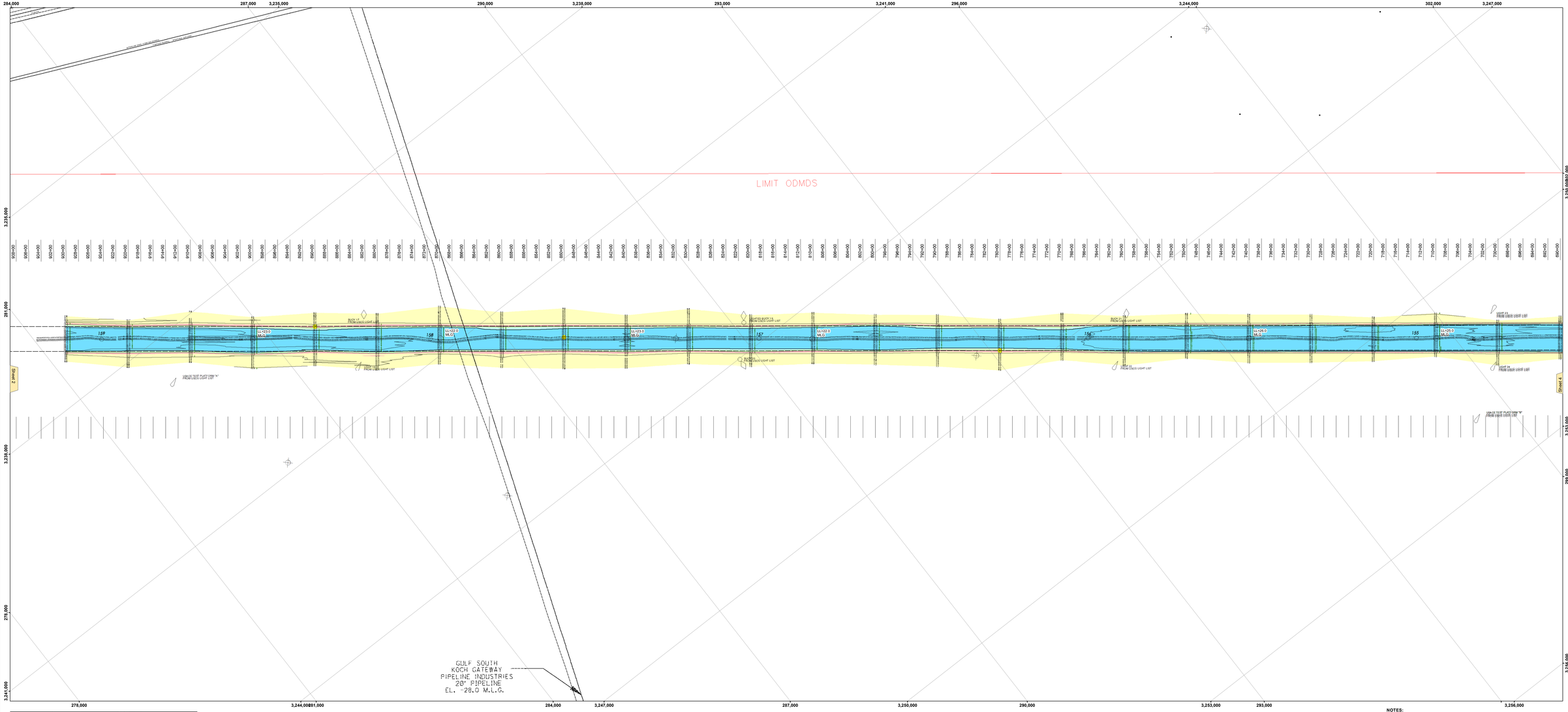
CORPS OF ENGINEERS

U.S. ARMY



US Army Corps of Engineers
District: CEMVN

Data Limitations: Distribution Liability: This data represents the results of data collection and analysis performed by the U.S. Army Corps of Engineers, New Orleans District, and is only intended for navigation planning, operations, and/or engineering purposes. The United States Government and its employees disclaim any and all liability for any damages arising from the use of this data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to natural processes and man-made activities. Areas of shoaling and scouring are monitored frequently. The U.S. Army Corps of Engineers does not guarantee that the channel depths shown on this survey will be available at all times. Mariners are cautioned to use prudence when navigating in the vicinity of the channel limits.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

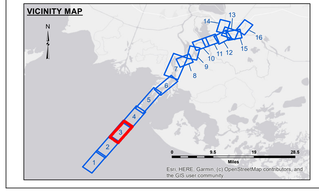
Submitted:	Surveyed By: J&M/SEACHAMPE	
Recommended: Chief, Survey Section	Compiled By: JH	Checked By: JH
Approved: Chief, Waterways Maintenance Section		

ATCHAFALAYA RIVER
BAR CHANNEL
AR_03_BAR_20250307_CS
07 March 2025

Sheet Reference Number
3 of 16

Revision Number:
4.3-20250430

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 NOAA: 2.05 MLG AVG
Sea Conditions:	0-1 FT
Vessel Name:	VALENTOUR
Survey Type:	CS
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 88600 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.