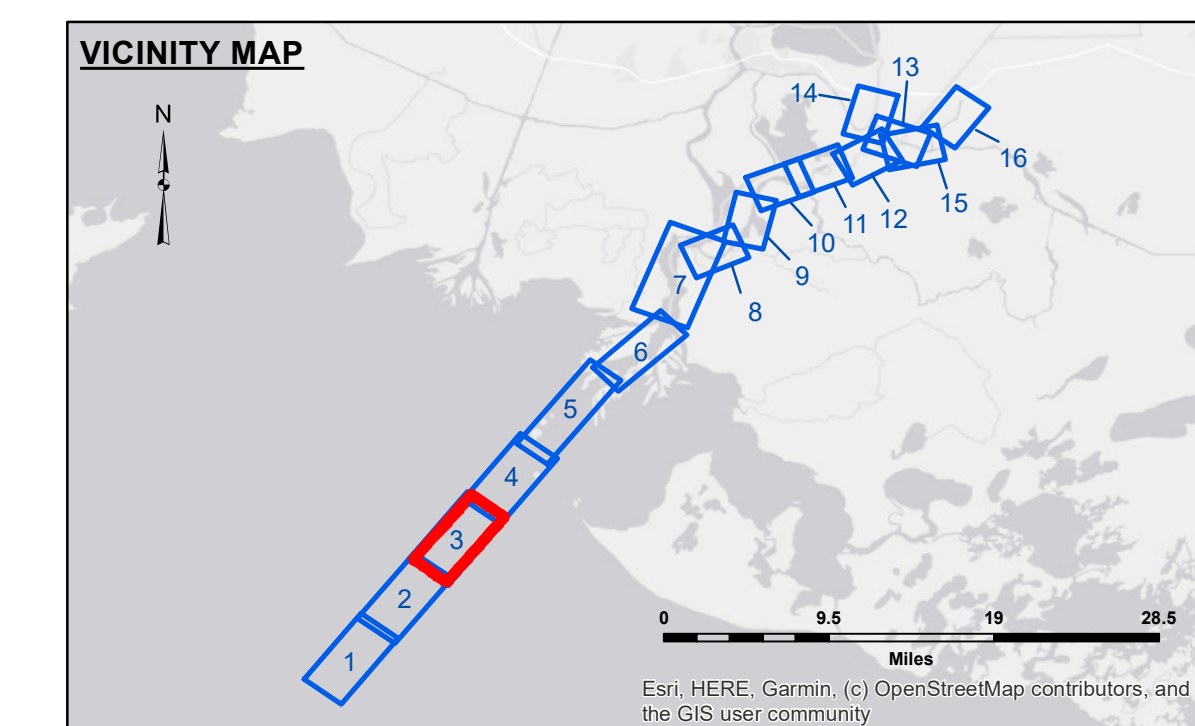
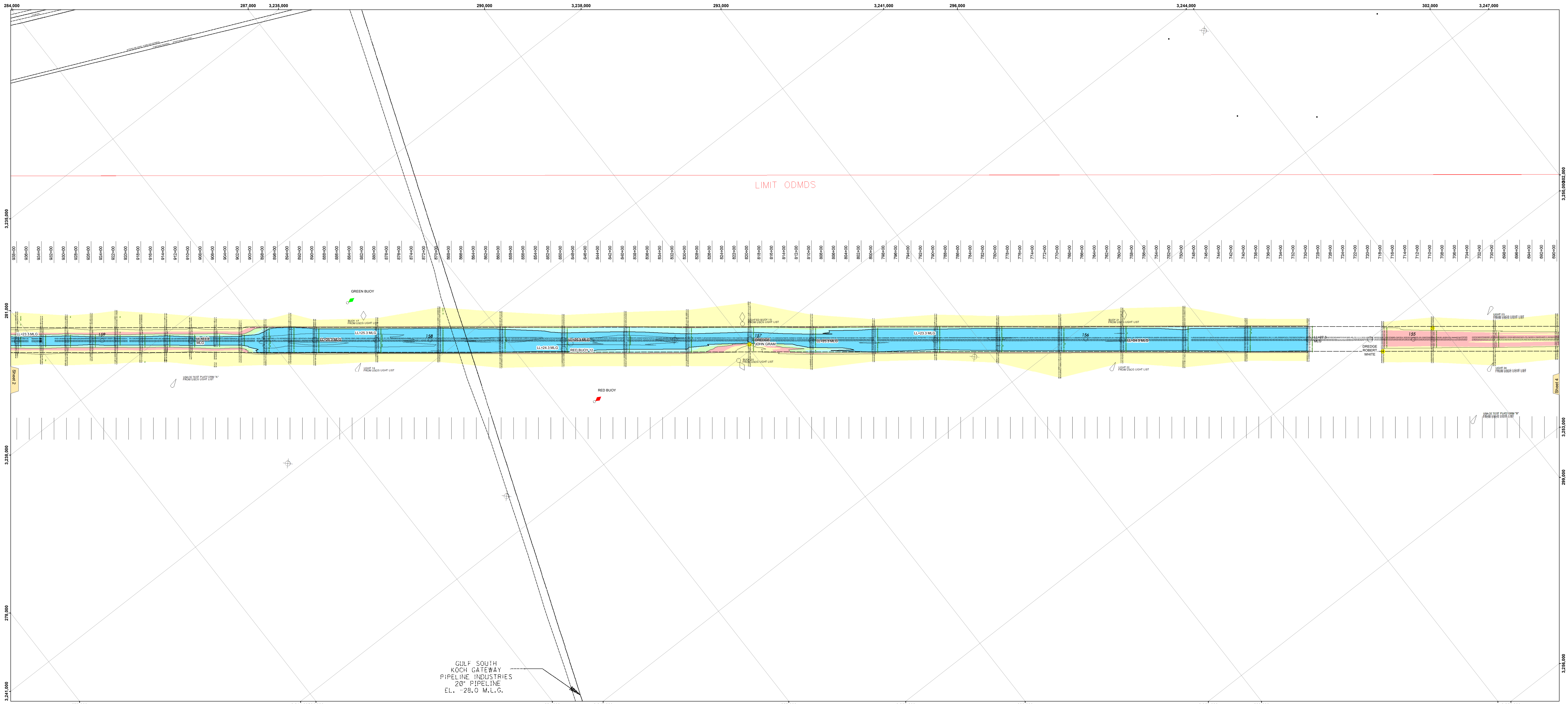


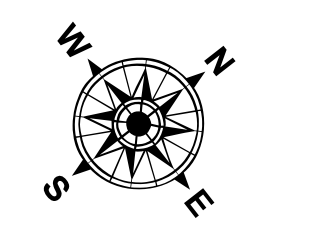


US Army Corps of Engineers
District: CEMVN

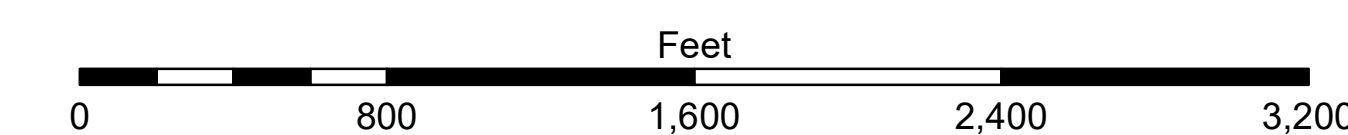


LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -12' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -12' to -15'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -15' to -18'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -18' to -20'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	■ -20' and below
			■ Fluff Thickness*



Gage Reading: EUGENE ISLAND: 1.65 MLG AVG.
 Sea Conditions: ROUGH
 Vessel Name: M/V VALENTOUR
 Survey Type: CONDITION
 Sounding Frequency**: LO



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).
 0.0' NAVD83 = 0.0' MLGW = 1.0' MLG
 The location of navigation aids are shown as 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 fallowmeter settings.

DISTRICT NOTICE: The United States Government hereby disclaims any liability for the use of the data herein for purposes not intended by the Corps of Engineers. The data herein are provided for informational purposes only and are not to be used for any other purpose. The user assumes all liability for any use of the data herein for purposes not intended by the Corps of Engineers. The data herein are provided for informational purposes only and are not to be used for any other purpose. The user assumes all liability for any use of the data herein for purposes not intended by the Corps of Engineers.

Submitted	Examined By	Checked By
	DM/A	AO/JH
Recommended	Placed By	
	BD	
Approved	Chief, Survey Section	
	Chief, Waterways Maintenance Section	

**ATCHAFALAYA RIVER
 BAR CHANNEL
 AR_03_BAR_20230223_CS
 23 February 2023**

**Sheet Reference Number
 3 of 16**