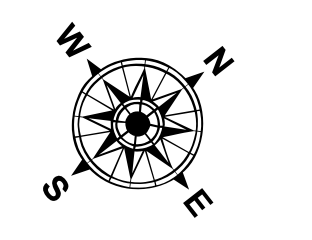
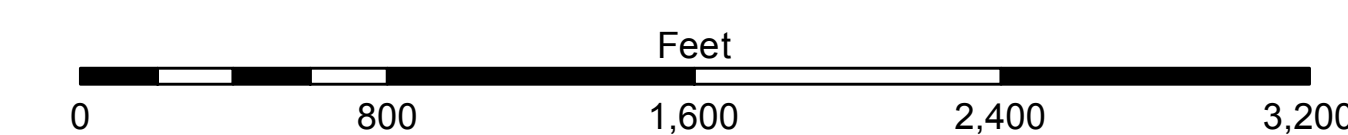


LEGEND

--- 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
			3 Fluff Thickness*



Gage Reading: EUGENE IS: 2.7 TO 3.6 MLG
 Sea Conditions: 2-3 ft.
 Vessel Name: MV VALENTOUR
 Survey Type: CONDITION
 Sounding Frequency**: LOW



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' NAVD83 = 0.8' MLLW = 1.5' MLG
 Distances on the Atchafalaya River are shown at 1 mile intervals.
 The location of navigation aids are based on and provided by the U.S. Coast Guard.
 2019 Aerial Photography data source: PAR, 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 bathymetry settings.

DISCLAIMER: The user assumes all responsibility for the use of this information. The user acknowledges that the use of this information is for informational purposes only and does not constitute a warranty of any kind. The user agrees to hold the U.S. Army Corps of Engineers harmless for any and all claims, damages, losses, or expenses, including reasonable attorneys' fees, that may be incurred by the user as a result of the use of this information. The user further agrees to indemnify and hold the U.S. Army Corps of Engineers harmless for any and all claims, damages, losses, or expenses, including reasonable attorneys' fees, that may be incurred by the U.S. Army Corps of Engineers as a result of the use of this information.

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Prepared By:	AO
Checked By:	AO
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**ATCHAFALAYA RIVER
 BAR CHANNEL
 AR_04_BAR_20200610_CS_POSTSTORM
 10 June 2020**

**Sheet Reference Number
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