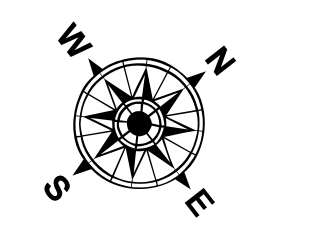
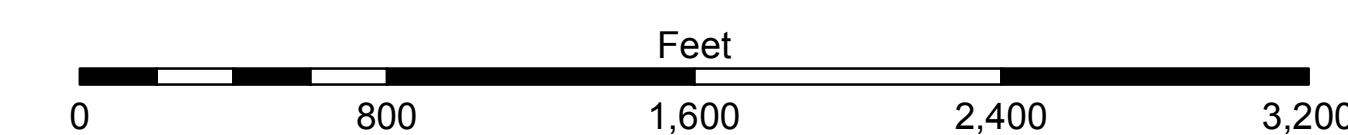


LEGEND

--- 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: 2.2 MLG AVG
 Sea Conditions: 1'
 Vessel Name: VALENTOUR
 Survey Type: SURVEY_TYPE
 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 = 0.0' MLG
 1.0' NAVD83 = 1.0' MLG
 Distances on the Atchafalaya River are based on and provided by the U.S. Coast Guard.
 2019 Aerial Photography data source: PARL, LLC. (1998 DOQQ imagery in green).
 Reference is N.O.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 bathymetric settings.

DISCLAIMER: The data herein was derived from a data source that is not guaranteed to be accurate. The data herein is provided for informational purposes only and should not be used for any purpose other than that intended. The user assumes all liability for any use of the data herein. The Corps of Engineers is not responsible for any errors or omissions in this document. The data herein is provided for informational purposes only and should not be used for any purpose other than that intended. The user assumes all liability for any use of the data herein. The Corps of Engineers is not responsible for any errors or omissions in this document. The data herein is provided for informational purposes only and should not be used for any purpose other than that intended. The user assumes all liability for any use of the data herein. The Corps of Engineers is not responsible for any errors or omissions in this document.

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 NEW ORLEANS DISTRICT

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AO	AO

**ATCHAFALAYA RIVER
 BAR CHANNEL
 AR_04_BAR_20210812_CS
 12 August 2021**

**Sheet Reference Number
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