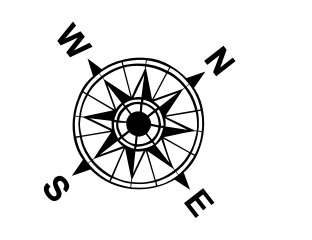
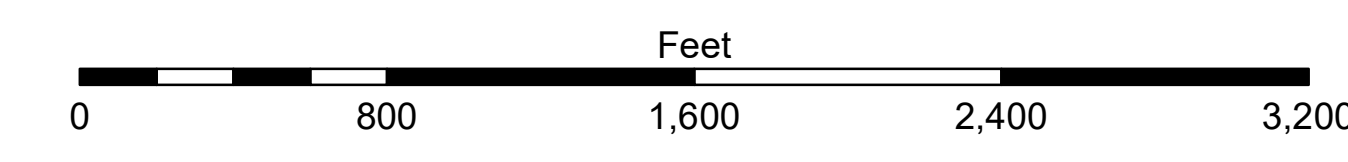


LEGEND

--- 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: 1.15 MLG
 Sea Conditions: 0-1 FT
 Vessel Name: VALENTOUR
 Survey Type: DREDGE PROG
 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' MLLW = 1.0' 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: P.A.R. 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 bathymetry settings.

DISTRICT/REGION: The United States Government hereby certifies that the data herein were obtained from the best available sources and were used with the greatest care and accuracy. The data herein are provided for the use of the Corps of Engineers and its contractors. The use of the data herein is limited to the purpose for which they were collected. The Corps of Engineers assumes no responsibility for the use of the data for other than the intended purpose.
DATA COMMENTS: Bathymetric survey data is subject to change. The data herein are for informational purposes only. The data herein are not to be used for navigation purposes. The U.S. Army Corps of Engineers is not responsible for the use of the data for other than the intended purpose. The data herein are for informational purposes only. The data herein are not to be used for navigation purposes. The U.S. Army Corps of Engineers is not responsible for the use of the data for other than the intended purpose.

**U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT**

Submitted:	Checked By:
Recommended:	ADAMS/CHAMPINE
Drawn:	JH
Checked:	JH

**ATCHAFALAYA RIVER
 BAR CHANNEL
 AR_01_BAR_20240117_PR
 17 January 2024**

**Sheet Reference Number
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