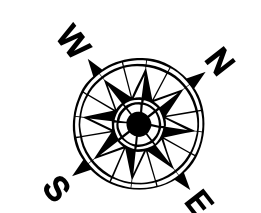
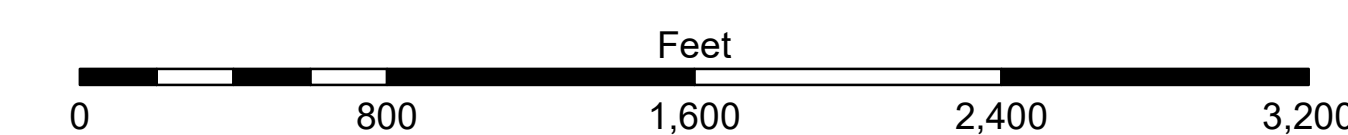


**LEGEND**

--- 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: 2.0 MLG AVG  
 Sea Conditions: 0-1 FT  
 Vessel Name: VALENTOUR  
 Survey Type: DREDGE PROGRESS  
 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 = 0.6' MLGW = 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.  
 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 bathymetric settings.

**DISTRICT NOTES:** The United States Government hereby certifies that the data herein were obtained from the best available sources and were compiled with the highest accuracy and reliability. The user of this data is advised that the accuracy and reliability of the data are dependent on the accuracy and reliability of the data from which they were derived. The user is responsible for the accuracy and reliability of the data for other than the intended purpose. Data generated by hydrographic survey data is subject to change and is not intended to be used as a permanent record. This data is for informational purposes only and should not be used for any other purpose. The user is advised that the data herein are not to be used for any other purpose without the express written consent of the U.S. Army Corps of Engineers. District: CEMVN. Project Number: 04 October 2023.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

Submitted By:	ADAMS/CLAMPINE
Reviewed By:	JH
Checked By:	JH
Approved:	

**ATCHAFALAYA RIVER  
 BAR CHANNEL  
 AR\_03\_BAR\_20231004\_PR  
 04 October 2023**

**Sheet Reference  
 Number  
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