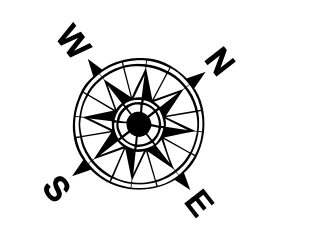
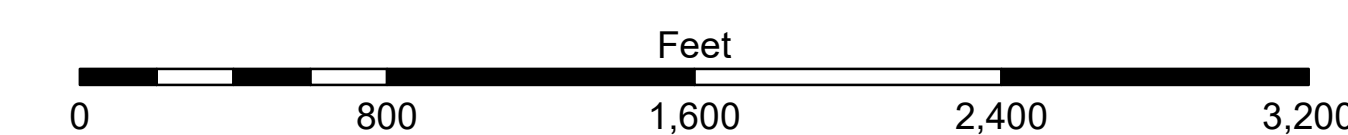


LEGEND

--- 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 IS: 1.5 MLG AVG
 Sea Conditions: CALM
 Vessel Name: GALVESTON
 Survey Type: CONDITION
 Sounding Frequency**: 40KHZ



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' MLW = 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. 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 United States Government neither warrants nor makes any representation as to the accuracy or reliability of the data shown on this map. The data shown on this map is for informational purposes only and should not be used for navigation. The user is responsible for the accuracy and reliability of the data shown on this map. The user is responsible for the accuracy and reliability of the data shown on this map. The user is responsible for the accuracy and reliability of the data shown on this map.

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

Submitted By:	GALVESTON
Recommended By:	AO
Checked By:	AO
Approved By:	AO

**ATCHAFALAYA RIVER
 BAR CHANNEL
 AR_04_BAR_2021_0905_CS_POSTIDA
 05 September 2021**

**Sheet Reference Number
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