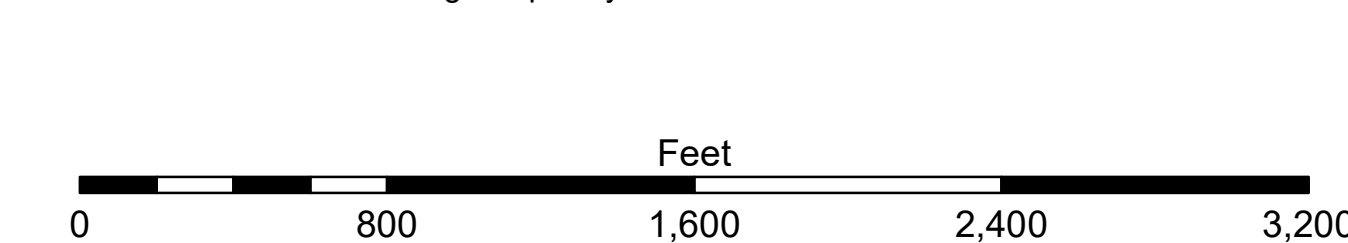
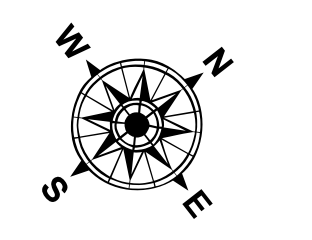


LEGEND

--- 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 = 0.0' 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: 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 bathymetric settings.

DISTRICT: The United States Government hereby certifies that the data herein were obtained from the U.S. Army Corps of Engineers, District of Central and Eastern Louisiana, New Orleans District, and are true and correct to the best of the knowledge of the District Engineer. The user assumes all liability for any use of the data for purposes other than those intended by the District. The user assumes all liability for any use of the data for purposes other than those intended by the District. The user assumes all liability for any use of the data for purposes other than those intended by the District.

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

ATCHAFALAYA RIVER
BAR CHANNEL
AR_01_BAR_20210904_CS_POSTIDA
04 September 2021

Sheet Reference Number
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