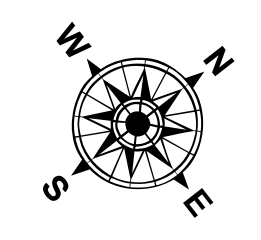
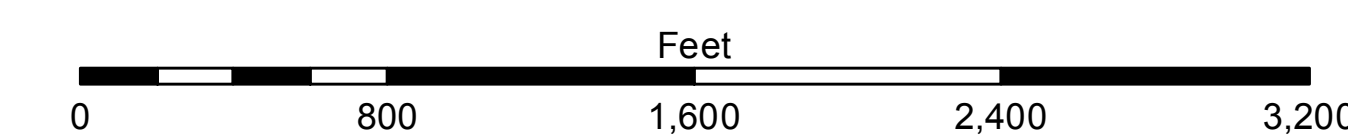


LEGEND

	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: 1.3 MLG AVG
 Sea Conditions: SMOOTH
 Vessel Name: LAFOURCHE
 Survey Type: CS
 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:
 0.07 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.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 the "fluff" layer to depict elevations of consolidated bottom material. Low frequency accuracies may vary depending on channel conditions and bathymetric settings.

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

Author:	Checked By:
Revised:	DUSSERS
Drawn:	Checked By:
Checked:	AO
Approved:	Checked By:
	AO

ATCHAFALAYA RIVER
BAR CHANNEL
AR_04_BAR_20201209_CS
09 December 2020

Sheet Reference Number
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Revision Number:
 4-2019100