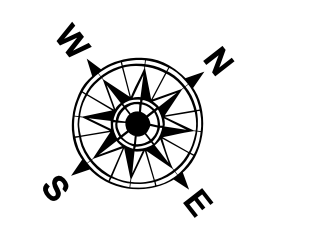
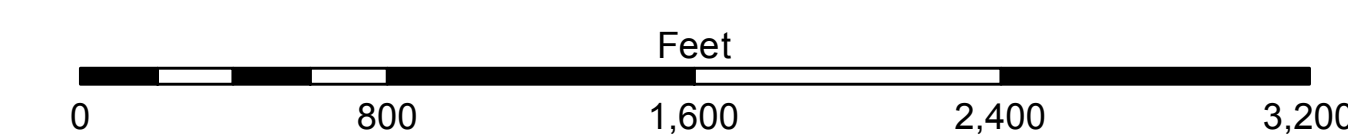


LEGEND

--- Federal Navigation Channel	--- Cable Area	□ Borrow Area	■ -15' and above
— Federal Navigation Center Line	■ Placement Area	● Shoalest Sounding**	■ -15' to -20'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -20' and below
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	3 Fluff Thickness*
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	



Gage Reading: EUGINE ISLAND: 1.81 MLG
 Sea Conditions: 1-2 FT
 Vessel Name: MV BURRWOOD
 Survey Type: CONDITION
 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 = 1.5' 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 bathymetry settings.

DISCLAIMER: The data shown on this chart is the property of the U.S. Army Corps of Engineers and is provided for informational purposes only. It is not intended for use in any other project or for any other purpose. The user assumes all responsibility for the accuracy and reliability of the data shown on this chart. The U.S. Army Corps of Engineers does not warrant the accuracy or reliability of the data shown on this chart. The user assumes all responsibility for the accuracy and reliability of the data shown on this chart. The U.S. Army Corps of Engineers does not warrant the accuracy or reliability of the data shown on this chart. The user assumes all responsibility for the accuracy and reliability of the data shown on this chart.

Submitted By:	RYLAND RHOEN
Checked By:	RYLAND RHOEN
Approved By:	RYLAND RHOEN

**ATCHAFALAYA RIVER
 BAR CHANNEL
 AR_04_BAR_20161221
 21 December 2016**

**Sheet Reference Number
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