



**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	

**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 = 0.0' 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.

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.

Gage Reading: EUGINE ISLAND: 2.96 MLG  
Sea Conditions: 1-3 FT.  
Vessel Name: M/V BURWOOD  
Survey Type: CONDITION  
Sounding Frequency\*\*\*: LOW

Scale: 0 to 3,200 Feet

**DISCLAIMER:** The United States Government is authorized to reproduce and distribute reprints for government purposes not withstanding any copyright notation that may appear hereon. The views and opinions contained herein are those of the author and do not necessarily represent those of the U.S. Army Corps of Engineers. The use of trade names or product names does not constitute an endorsement or approval of the quality or value of the product named. The use of trade names or product names is for identification purposes only and does not constitute an endorsement or approval of the quality or value of the product named. The use of trade names or product names is for identification purposes only and does not constitute an endorsement or approval of the quality or value of the product named.

**U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT**

Author:	Reviewed By:
Checked:	RYLAND/DAMS
Drawn:	Checked By:
Field:	AD
Approved:	Checked By:
Chief, Survey Section:	AO
Chief, Waterway Maintenance Section:	

**ATCHAFALAYA RIVER  
BAR CHANNEL  
AR\_02\_BAR\_20170809\_CS  
09 August 2017**

**Sheet Reference  
Number  
2 of 16**