



| LEGEND |                                |  |                       |
|--------|--------------------------------|--|-----------------------|
|        | Federal Navigation Channel     |  | Placement Area        |
|        | Federal Navigation Center Line |  | Borrow Area           |
|        | As-built Pipeline/Cable        |  | Shoalest Sounding**   |
|        | Unconfirmed Pipeline/Cable     |  | Beacon, General       |
|        | Project Depth Contour          |  | Red Navigation Buoy   |
|        |                                |  | Green Navigation Buoy |
|        |                                |  | -15' and above        |
|        |                                |  | -15' to -20'          |
|        |                                |  | -20' and below        |
|        |                                |  | Fluff Thickness*      |
|        | Anchorage Area                 |  |                       |
|        | Obstruction Point              |  |                       |
|        | Wrecks-Submerged               |  |                       |

**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 bathymetric settings.

Gage Reading: EUGENE ISLAND: 2.0 MLG AVG  
Sea Conditions: 1-2 FT.  
Vessel Name: MV BURRWOOD  
Survey Type: CONDITION  
Sounding Frequency\*\*\*: LOW

0 800 1,600 2,400 3,200 Feet

**DISCLAIMER:** The data presented in this report is for informational purposes only and is not intended for use in any legal proceeding. The data is provided as is, without any warranty, express or implied. The user assumes all responsibility for the use of the data. The data is not to be used for any purpose other than that for which it was collected. The data is not to be used for any purpose other than that for which it was collected. The data is not to be used for any purpose other than that for which it was collected. The data is not to be used for any purpose other than that for which it was collected.

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|---------------|-------------|
| Submitted By: | RYLAND/DAMS |
| Reviewed By:  | AO          |
| Checked By:   | AN          |
| Approved By:  | AN          |

**ATCHAFALAYA RIVER  
BAR CHANNEL  
AR\_04\_BAR\_20160114  
14 January 2016**