



**LEGEND**

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -12' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	□ -12' and below
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	

**NOTES:**

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 Lower Atchafalaya River at Morgan City (03780) as of May 2014: 0.0' NAVD88 (2009.55) = 2.05' MLG

The location of navigation aids are based on and provided by the U.S. Coast Guard. Reference is N.O.A. Navigation Chart No. 11355.

\*\* 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 fathometer settings.

Gage Reading: MORGAN CITY: 5.45 MLG  
Sea Conditions: CALM  
Vessel Name: M/V BURRWOOD  
Survey Type: CONDITION  
Sounding Frequency\*\*\*: LOW

Feet  
0 500 1,000 1,500 2,000



**DISCLAIMER**  
Access Conditions: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally collected, and that the data are not to be used for any purpose other than that for which they were originally collected, and that the data are not to be used for any purpose other than that for which they were originally collected.

**LIABILITY**  
The data represents the results of data collection for a specific US Army Corps of Engineers project. The data is not to be used for any purpose other than that for which it was originally collected, and that the data are not to be used for any purpose other than that for which they were originally collected.

**DATE**  
Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrographic conditions. The user is responsible for ensuring that the data is current and accurate for the purpose intended.

**INTERNAL USE**  
The information depicted on this map represents the results of a survey conducted by the US Army Corps of Engineers. It is not to be used for any purpose other than that for which it was originally collected, and that the data are not to be used for any purpose other than that for which they were originally collected.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

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Checked By:	AC

Approved: Chief, Waterways Maintenance Section

**ATCHAFALAYA RIVER  
BERWICK HARBOR  
AS\_06\_BER\_20170428\_CS  
28 April 2017**

**Sheet  
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Number  
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