



**LEGEND**

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	□ -6' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -6 to -8
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -8 to -10
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -10 to -12
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	■ -12' to -15'
			■ -15' to -18'
			■ -18' to -20'
			■ -20' and below

**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 Lower Atchafalaya River at Morgan City (03780) as of 2017: 0.0' NAVD88 (2009.55) = 1.89' MLG

The location of navigation aids are base on and provided by the U.S. Coast Guard.

2017 Aerial Photography data source: NAIP, 1998 DOQQ Imagery shown in green from USGS.

Reference is N.O.A.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: 4.35 MLG AVG  
Sea Conditions: 0-1FT  
Vessel Name: VALENTOUR  
Survey Type: CONDITION  
Sounding Frequency\*\*\*: LOW

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

**US Army Corps of Engineers**  
District: CEMVN

**DISCLAIMER:** The United States Government makes these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data. The user is responsible for the results of the application of the data for other than its intended purpose. Data Constants Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrographic conditions which develop after the date of the survey. The information depicted on this map represents the results of a survey conducted on the general condition existing at that time. The information depicted on this map represents the results of a survey conducted on the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: ADAMS/CHAMPINE	Plotted By: JH
Recommended:	Chief, Survey Section	Checked By: JH
Approved:	Chief, Waterways Maintenance Section	

**ATCHAFALAYA RIVER**  
**BERWICK HARBOR**  
**AS\_06\_BER\_20230512\_CS**  
**12 May 2023**

**Sheet Reference Number**  
**6 of 66**

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