



**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: 3.59 MLG AVG.  
Sea Conditions: CALM  
Vessel Name: M/V VALENTOUR  
Survey Type: CS  
Sounding Frequency\*\*\*: HIGH

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



**DISCLAIMER**

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 prepared, or implied concerning the accuracy, completeness, reliability, usability or suitability, for any particular purpose of the recipient. The user is responsible for the results of any use of the data, and 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 bathymetry, sedimentation, and other natural processes. The Army Corps of Engineers accepts no responsibility for changes in the hydrographic conditions when developed after the date of the survey. Product maintainers should not rely solely upon this information depicted on this map to represent the results of a general condition existing at that time.

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

**ATCHAFALAYA RIVER  
BERWICK HARBOR  
AS\_06\_BER\_20230111\_CS  
11 January 2023**

**Sheet  
Reference  
Number  
6 of 66**