



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

Gage Reading: MORGAN CITY: 4.18 MLG
 Sea Conditions: 0-1FT
 Vessel Name: VALENTOUR
 Survey Type: CS
 Sounding Frequency***: HIGH

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 2025:
 0.0' NAVD88 (2009.55) = 2.19' MLG
 The location of navigation aids are base on and provided by the U.S. Coast Guard.
 2023 Aerial Photography data source: NAIP.
 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.



Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any use 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 dredging, sedimentation, and changes in the hydrographical conditions which develop after the date of the survey. The US Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of the survey. Product maintainers should not rely upon it.

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

**ATCHAFALAYA RIVER
 BERWICK LOCK FOREBAY
 AS_00_BLF_20260428_CS
 28 April 2026**

**Sheet
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