



**LEGEND**

--- Federal Navigation Channel

— Federal Navigation Center Line

— As-built Pipeline/Cable

..... Unconfirmed Pipeline/Cable

— Project Depth Contour

○ Cable Area

□ Placement Area

□ Anchorage Area

⊗ Obstruction Point

✈ Wrecks-Submerged

□ Borrow Area

● Shoalest Sounding\*\*

☆ Beacon, General

◆ Red Navigation Buoy

◆ Green Navigation Buoy

□ -6' and above

□ -6 to -8

□ -8 to -10

□ -10 to -12

□ -12' to -15'

□ -15' to -18'

□ -18' to -20'

□ -20' and below

Gage Reading:  
Sea Conditions:  
Vessel Name:  
Survey Type:  
Sounding Frequency\*\*\*:

MORGAN CITY VRN: 5.97 MLG AVG.

CALM

OB-189

CONDITION

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.

2021 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.

ATCHAFALAYA RIVER  
BERWICK LOCK FOREBAY  
AS\_00\_BLF\_20250626\_CS

Sheet  
Reference  
Number  
1 of 1

Revision Number:  
5.25.04.03-5.25.04.03

U.S. ARMY CORPS OF ENGINEERS			
Submitted	Surveyed By: SP/JS	Plotted By: BD	Checked By: AO/JH
Recommended	Chief Survey Section		
Approved	Chief Waterways Maintenance Section		

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This data is intended for U.S. Army Corps of Engineers internal use. Prudent mariners should not rely solely upon it.



US Army Corps  
of Engineers  
District: CEMVN