



**LEGEND**

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

Gage Reading: DM 12: 5.27 MLG  
 Sea Conditions: 1-2 FT  
 Vessel Name: M/V VALENTOUR  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: HIGH

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 Gull Datum (MLG). Datum Relationships for gage 03820 as of August 2013:  
 -0.7 MLLW = 0.0 NAVD88 = 2.9' MLG

Distances on the Atchafalaya River are shown at 1 mile intervals.  
 The location of navigation aids are based on and provided by the U.S. Coast Guard.  
 2019 Aerial Photography data source: PAR, LLC (1998 DOQQ Imagery in green).  
 Reference is N.O.A.A. Navigation Chart No. 11354.  
 \*\*\* 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 bathymeter settings.

**NOTES:**

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**DISTANCE** The United States Government hereby certifies that the data herein were obtained by means of a duly authorized surveying and mapping system and that the data are true and correct to the best of our knowledge and belief. The user of this data is advised that the accuracy of the data is dependent upon the accuracy of the data to which they are related. The user of this data is advised that the accuracy of the data is dependent upon the accuracy of the data to which they are related. The user of this data is advised that the accuracy of the data is dependent upon the accuracy of the data to which they are related.

Submitted:	Checked By:
Recommended:	Drawn By:
Approved:	Checked By:

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT  
 CHAMPAGNE/ANDREAS

**ATCHAFALAYA RIVER  
 CREWBOAT CUT CHANNEL  
 AR\_07\_CBC\_20230404\_CS  
 04 April 2023**

**Sheet Reference Number  
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