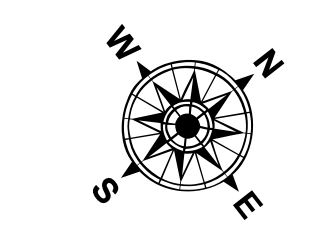


LEGEND			
---	Federal Navigation Channel	--- --	Cable Area
---	Federal Navigation Center Line	---	Placement Area
---	As-built Pipeline/Cable	---	Anchorage Area
---	Unconfirmed Pipeline/Cable	---	Obstruction Point
---	Project Depth Contour	---	Wrecks-Submerged
---	Borrow Area	---	Shoalest Sounding**
---	Beacon, General	---	Red Navigation Buoy
---	Green Navigation Buoy	---	Green Navigation Buoy
---	-12' and above	---	Fluff Thickness*
---	-12' to -15'	---	
---	-15' to -18'	---	
---	-18' to -20'	---	
---	-20' and below	---	



Gage Reading: EUGINE ISLAND: 1.97 MLG AVG.  
 Sea Conditions: 0-2 ft.  
 Vessel Name: MV VALENTOUR  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: LOW

Feet  
 0 800 1,600 2,400 3,200

**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 the gage 88600 as of August 2013: 0.0' NAVD83 = 0.6' MLLW = 1.5' 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: P.A.R. LLC, (1998 DOQQ imagery in green).  
 Reference is N.O.A. Navigation Chart No. 11354.  
 \* Difference between high and low frequency elevations where greater than 1.0'.  
 \*\* 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 bathymetric settings.

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT

Reviewed By: RYLAND SIMMONS  
 Prepared By: BD  
 Checked By: AO

Atchafalaya River  
 BAR CHANNEL  
 AR\_02\_BAR\_20210303\_CS  
 03 March 2021

Sheet Reference Number  
 2 of 16