



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*

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 gage 03820 as of August 2013:
-0.7' MLLW = 0.0' NAVD83 = 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.

Gage Reading: AVOCA: 6.7 MLG
Sea Conditions: CALM
Vessel Name: M/V VALENTOUR
Survey Type: CONDITION
Sounding Frequency***: HIGH

Feet
0 800 1,600 2,400 3,200 4,000

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 gage 03820 as of August 2013:
-0.7' MLLW = 0.0' NAVD83 = 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.

DISCLAIMER: The United States Government is authorized to reproduce and distribute reprints for government purposes not withstanding any copyright notation that may appear hereon. The views and opinions of the authors are not necessarily endorsed by the United States Government. The use of the United States Government name is for identification purposes only and does not constitute an endorsement or approval of the quality or value of the product advertised or of the claims made for it by its manufacturer. The use of the United States Government name is for identification purposes only and does not constitute an endorsement or approval of the quality or value of the product advertised or of the claims made for it by its manufacturer. The use of the United States Government name is for identification purposes only and does not constitute an endorsement or approval of the quality or value of the product advertised or of the claims made for it by its manufacturer.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Author:	RYLAND/DAMS
Recommender:	AO
Checked By:	AO
Approved:	AO

**ATCHAFALAYA RIVER
CREWBOAT CUT CHANNEL
AR_07_CBC_20200610_CS_POSTSTORM
10 June 2020**

**Sheet Reference Number
7 of 16**

Revision Number:
4.1-20191102