



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 page 03/20 as of August 2013.
-0.7' MLW = 0.0' NAVD83 = 2.9' MLG

Gage Reading: DM 12: 4.35 MLG
Sea Conditions: CALM
Vessel Name: MV OB 189
Survey Type: CONDITION
Sounding Frequency***: HIGH

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.

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 page 03/20 as of August 2013.
-0.7' MLW = 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 data shown on this map was derived from the original data provided by the U.S. Army Corps of Engineers and is not intended to be used for any purpose other than that for which it was originally prepared. The user assumes all liability for any use of the data for other than the intended purpose. The Corps of Engineers is not responsible for any errors or omissions in the data or for any consequences arising from the use of the data. The Corps of Engineers is not a contractor and does not provide any warranty, express or implied, for the data or for any consequences arising from the use of the data. The Corps of Engineers is not a contractor and does not provide any warranty, express or implied, for the data or for any consequences arising from the use of the data.

**U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT**

Author:	Checked By:
RYLANDSENHIE	JH
Drawn:	Checked By:
JH	JH
Approved:	Checked By:
JH	JH

**ATCHAFALAYA RIVER
CREWBOAT CUT CHANNEL
AR_07_CBC_20210904_CS
04 September 2021**

**Sheet Reference Number
7 of 16**

Revision Number:
4.2-20209420