



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

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 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.

DISCLAIMER: The United States Government neither warrants nor makes any representation for the use of the information contained herein for purposes other than those for which it was prepared. The user assumes all liability for any damage or injury resulting from the use of the information contained herein. The user assumes all liability for any damage or injury resulting from the use of the information contained herein. The user assumes all liability for any damage or injury resulting from the use of the information contained herein.

Author:	Engineer By:
Checked:	SP/PM
Drawn:	Planner By:
Chief Survey Section:	ID
Chief Waterways Maintenance Section:	AO

**ATCHAFALAYA RIVER
CREWBOAT CUT CHANNEL
AR_07_CBC_20200124_CS
24 January 2020**

**Sheet Reference Number
7 of 16**

Revision Number:
4.0-20190702