



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
			Fluff Thickness*

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 depth below Mean Low Gulf Datum (MLG).
Datum Relationships for the gauge 85600 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: PAR, LLC. (1998 DOQQ Imagery in green).

Reference is N.O.A.A. Navigation Chart No. 11334.

** 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 fathometer settings.

Gage Reading: VRS RTK NTRIP: 5.75 MLG AVG.
Sea Conditions: CHOPPY
Vessel Name: OB-167
Survey Type: CONDITION
Sounding Frequency**: LOW

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

DISCLAIMER: The data shown on this map was derived from the best available information and is provided as a service to the user. The user assumes all responsibility for the use of the information shown on this map. The Corps of Engineers does not warrant the accuracy, completeness, or reliability of the information shown on this map. The Corps of Engineers is not liable for any damages or losses resulting from the use of the information shown on this map. The information shown on this map is for informational purposes only and should not be used for navigation or other critical applications. The information shown on this map is subject to change without notice. The information shown on this map is not to be used for any purpose other than that for which it was intended. The information shown on this map is not to be used for any purpose other than that for which it was intended. The information shown on this map is not to be used for any purpose other than that for which it was intended.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Author:	Engineer:	SP/PM
Reviser:	Planner:	BD
Checked:	Checked By:	AO

ATCHAFALAYA RIVER
UPPER BAY CHANNEL
AR_06_BAY_20210428_CS
28 April 2021

Sheet Reference
Number
6 of 16