



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*	3

GAGE READING: EUGENE ISLAND: 0.90 MLG
SEA CONDITIONS: 0-1 FT
VESSEL NAME: VALENTOUR
SURVEY TYPE: AD
SOUNDING FREQUENCY:** LOW

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 = 0.0' MLW = 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.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 bathymetry 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.

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U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

Reviewed By:	ADAMS/SCHAMPE
Planned By:	JH
Checked By:	JH
Approved:	Chief, Survey Section
Approved:	Chief, Waterway Maintenance Section

ATCHAFALAYA RIVER
BAR CHANNEL
AR_02_BAR_20240206_AD
06 February 2024

Sheet Reference Number
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