



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 the gage 88600 as of August 2013:
0.0' NAVD83 = 0.6' MLW = 1.5' MLG

Gage Reading: EUGENE IS: 1.6 MLG
Sea Conditions: CALM
Vessel Name: OB-169
Survey Type: CONDITION
Sounding Frequency**: LOW

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:

DISTURBED AREAS: The project site is located within a wetland area. The project area is shown in yellow. The project area is shown in yellow. The project area is shown in yellow.

EUGENE ISLAND AND LIGHT (B-17) 88600
0.0' NAVD83 = 0.6' MLW = 1.5' MLG

DEEPENING ENCOUNTERED AND METAL OBJECT APPROX. 10' TO 15' LONG APPROX. 10' TO 15' WIDE

Sheet 6

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Author:	Reviewed By:
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**ATCHAFALAYA RIVER
LOWER BAY CHANNEL
AR_05_BAY_20210225_CS
25 February 2021**

**Sheet Reference Number
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