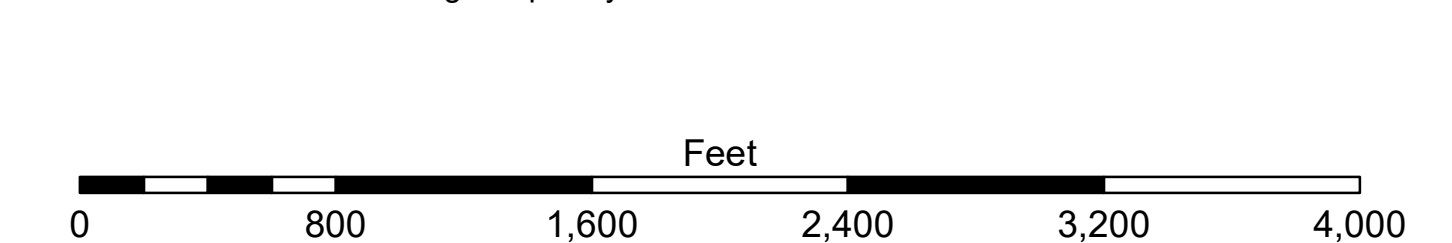
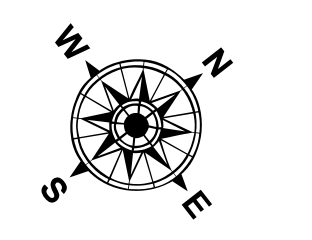


LEGEND

--- 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*



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 the gage 88600 as of August 2013:
0.0' NAVD83 = 0.6' 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: 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 of 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 soundings may vary depending on channel conditions and bathymetric settings.

DISTANCE - The United States Government hereby certifies that the data herein were obtained from the U.S. Army Corps of Engineers and are not to be used for any purpose other than that for which they were prepared. The user assumes all liability for any use of the data for other than the intended purpose. The user assumes all liability for any use of the data for other than the intended purpose.

DATA SOURCES - All hydrographic survey data is subject to change. The user assumes all liability for any use of the data for other than the intended purpose. The user assumes all liability for any use of the data for other than the intended purpose.

DISCLAIMER - The United States Government hereby certifies that the data herein were obtained from the U.S. Army Corps of Engineers and are not to be used for any purpose other than that for which they were prepared. The user assumes all liability for any use of the data for other than the intended purpose. The user assumes all liability for any use of the data for other than the intended purpose.

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

Submitted By:	PM, JH
Recommended By:	AO
Approved By:	AO

**ATCHAFALAYA RIVER
LOWER BAY CHANNEL
AR_05_BAY_20191218_AD
18 December 2019**

**Sheet Reference Number
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