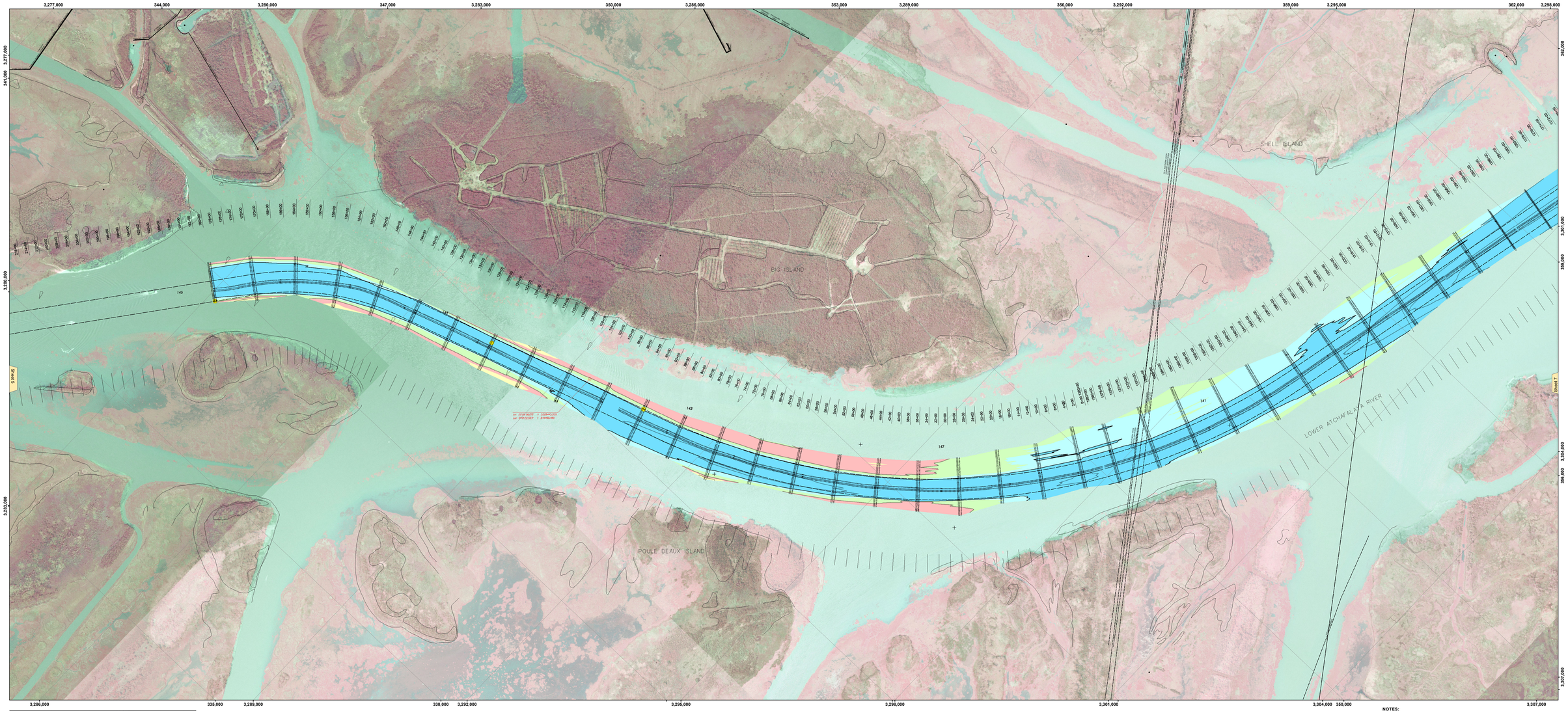
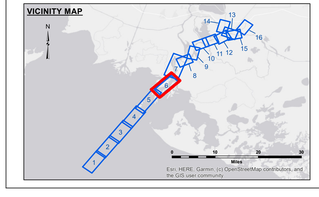
CORPS OF ENGINEERS

U.S. ARMY



US Army Corps of Engineers District: CEMVN

VICINITY MAP



LEGEND

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

Gage Reading:	DM 12: 3.22 MLG AVG
Sea Conditions:	CALM
Vessel Name:	M/V VALENTOUR
Survey Type:	CONDITION
Sounding Frequency***:	HIGH

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

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 2020:
0.0' NAVD88 = 3.07' MLG

Distances on the Atchafalaya River are shown at 1 mile intervals.

The location of navigation aids are base 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 fathometer settings.

DISCLAIMER:
Access Constraints: The United States Government furnishes this survey data and accompanying documentation in connection with the understanding that the Government makes no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability of this survey data and accompanying documentation, nor of its merchantability or fitness for any particular purpose. The entire risk as to the quality and performance of this survey data and accompanying documentation is assumed by the user. Furthermore, the Government shall not be liable under any circumstances for any special, indirect or consequential damages with respect to the user's possession, use, or inability to use this survey data and accompanying documentation.

Data Constraints: Hydrographic survey data is subject to change and may not reflect present conditions. Users are cautioned to use this survey data only after determining its age and its adequacy for their intended purpose. The data is intended for U.S. Army Corps of Engineers navigation purposes only.

Distribution Liability: The data represents the results of data collection and analysis performed by or for the Government. It is only intended for navigation planning. Users are advised that it is the responsibility of the user to verify the data prior to any of the exploitation of the data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

		Surveyed By:	
Submitted:		ADAMS CHAMPINE	
		Verified By:	Checked By:
Recommended:	Chief, Survey Section	JH	JH
Approved:	Chief, Waterways Maintenance Section		

ATCHAFALAYA RIVER
UPPER BAY CHANNEL
AR_06_BAY_20241204_CS
04 December 2024

Sheet Reference Number
6 of 16

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4.3-20250430