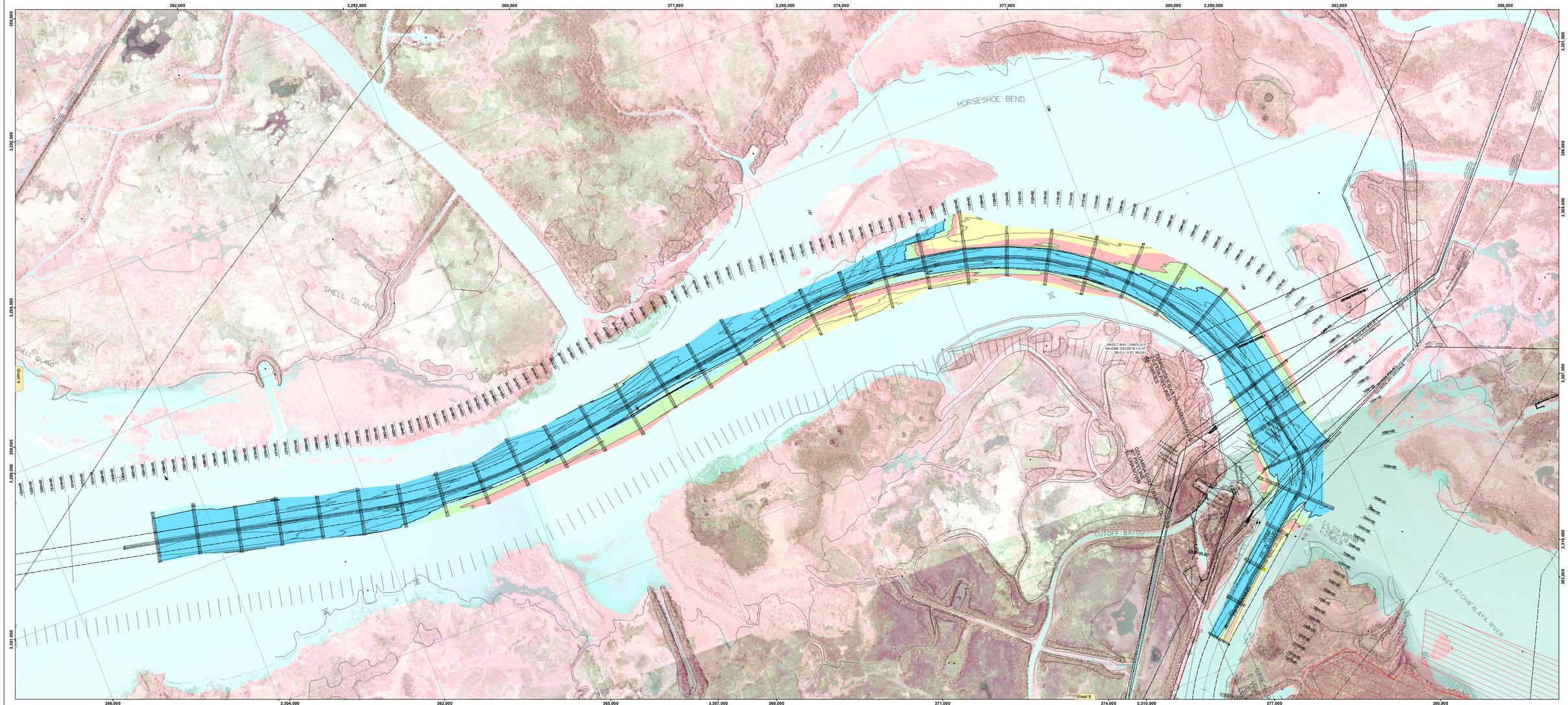

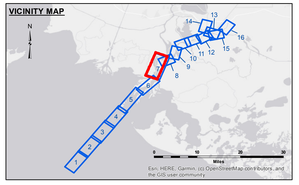

LEGEND

- 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: 4.82 MLG
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 2013:
-0.7' MLLW = 0.0' NAVD88 = 2.9' 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.

US Army Corps of Engineers
District: CEMVN

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Data Contamination: Hydrographic survey data is subject to change after the survey has been completed due to the dynamic nature of the waterway, such as shoaling and/or moving obstructions. The U.S. Army Corps of Engineers (USACE) makes no guarantee that the data will be the same at a later date. There is no guarantee that the data will be identical when downloaded to other systems. The data is provided "as is" and "as available" to the public. The data is provided by the U.S. Army Corps of Engineers (USACE) for informational purposes only.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By: RV/ADD/JDM/AS		Scale: 1" = 1000'	Date: 03/25/22
Reviewed By: BEI		Checked By: AJO	

Submitted: _____
Recommended: _____ Chief, Survey Section
Approved: _____ Chief, Waterways Maintenance Section

ATCHAFALAYA RIVER CREWBOAT CUT CHANNEL AR_07_CBC_2022O325_CS 25 March 2022

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