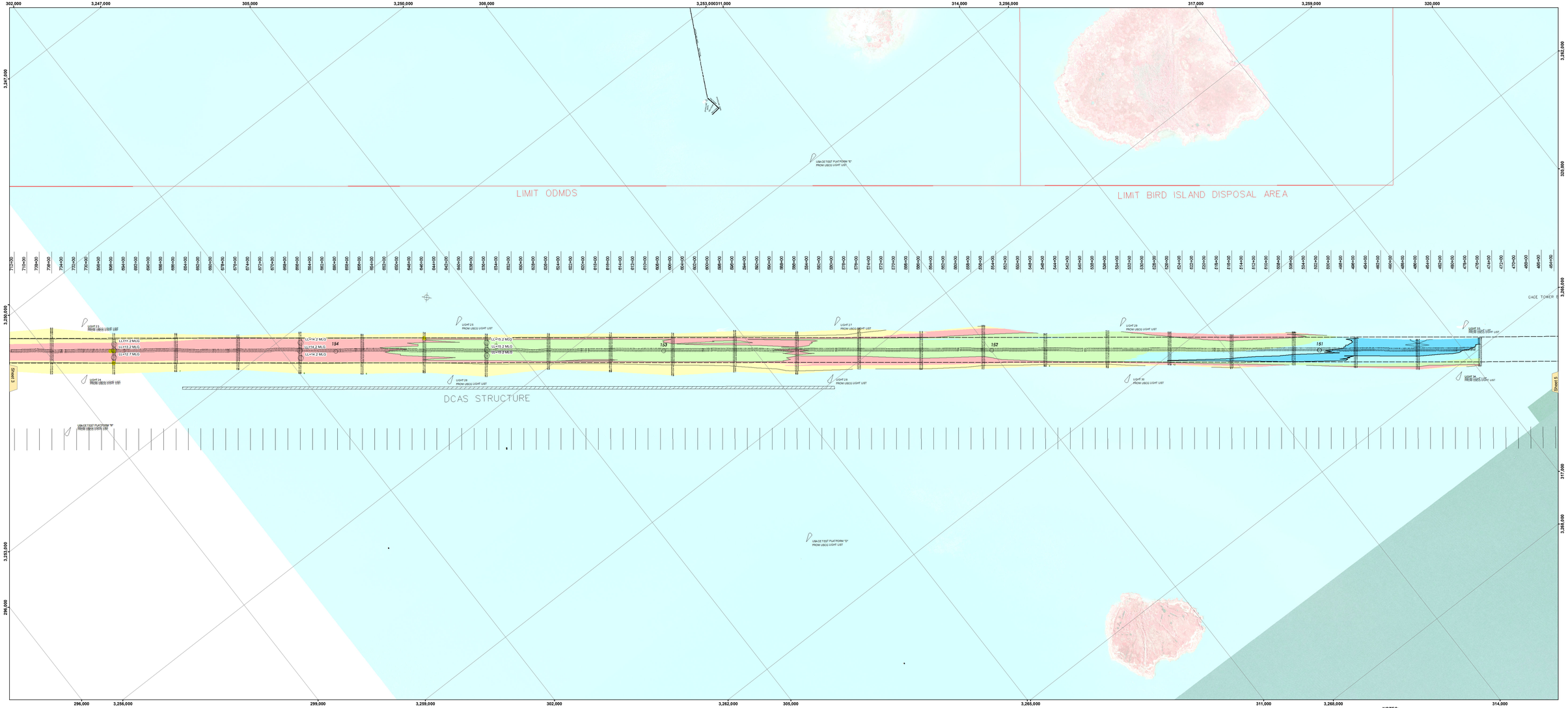

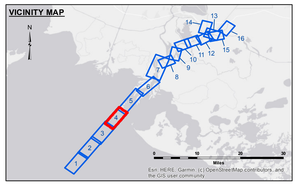

LEGEND

- 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:	EUGENE ISLAND: 1.79 MLG AVG.
Sea Conditions:	CALM
Vessel Name:	M/V VALENTOUR
Survey Type:	CONDITION
Sounding Frequency***:	LOW

Feet: 0, 800, 1,600, 2,400, 3,200

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 8860 as of August 2013:
0.0' NAVD88 = 0.6' MLLW = 1.5' 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.

* 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 fathometer settings.

US Army Corps of Engineers
District: CEMVN

Distribution Limits: The data contained in records of data collection, including but not limited to, survey, sounding, and other data, is only valid within the general vicinity represented by the survey. Data collected outside the survey area is not to be used to make navigation decisions. Data collected outside the survey area is only valid for the purpose of the application of the data for other than for intended navigation.

Data Limitations: Hydrographic survey data is subject to change due to the dynamic nature of the environment in which it was collected, and cannot guarantee future conditions. Data is valid only at the time and place it was collected. Hydrographic survey data is valid only for sounding and ancillary purposes. The U.S. Government, the Corps of Engineers, and the Mississippi River Commission assume no responsibility for any other use of the data. Data is provided "as is" without warranty of any kind, either expressed or implied. This data is provided to U.S. Army Corps of Engineers partners and customers as a service. The data may be useful for purposes other than those for which it was intended.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By	Reviewed By	Checked By
RV HARDEMAN	BD	AO

Initiator: _____
Recommender: Chief, Survey Section _____
Approver: Chief, Waterways Maintenance Section _____

ATCHAFALAYA RIVER BAR CHANNEL
AR_04_BAR_20200520_CS
20 May 2020

Sheet Reference Number
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