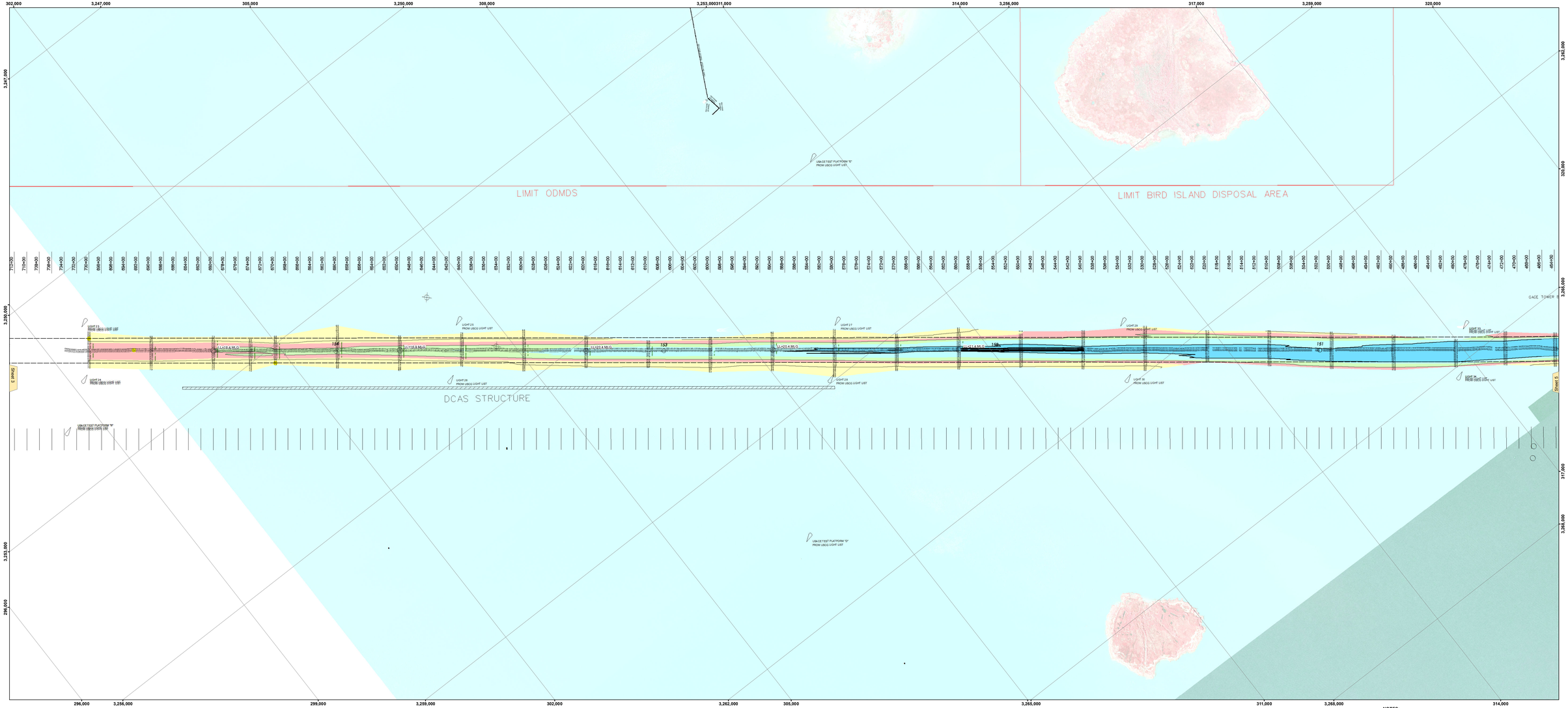
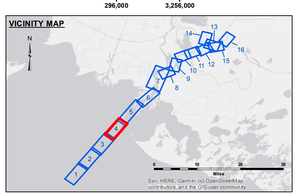



VICINITY MAP




**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: EUGENE IS: 1.6 AV MLG
Sea Conditions: 2'-3' SEAS
Vessel Name: 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 8860I 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

DISCLAIMER
Access Constraints: This data represents the results of data collection and analysis performed by the Corps of Engineers for its own purposes. Its accuracy is subject to change without notice. Its suitability for other purposes is not warranted. Use of this data for other than its intended purpose is at the risk of the user.

Distribution Liability: The data represents the results of data collection and analysis performed by the Corps of Engineers for its own purposes. Its accuracy is subject to change without notice. Its suitability for other purposes is not warranted. Use of this data for other than its intended purpose is at the risk of the user. The Corps of Engineers assumes no liability for the use of this data by others.

Data Constraints: Hydrographic survey data is subject to change due to natural events such as storms, sediment movement, and shoaling, and anthropomorphic events such as dredging, boat wake, and shoaling and scouring processes. The U.S. Army Corps of Engineers assumes no responsibility for the use of this data after the date of the survey. Data is valid only at the time of the survey. Data is intended for navigation purposes only. The data is intended for U.S. Army Corps of Engineers use only.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

| | | |
|---|---|---|
| Surveyed By: PM,LA | Edited By: AO | Checked By: AO |
| Submitted: | | |
| Reviewed by: Chief, Survey Section | | |
| Approved: Chief, Waterways Maintenance Section | | |

# ATCHAFALAYA RIVER BAR CHANNEL
# AR_04_BAR_20221201_CS
# 01 December 2022

Sheet Reference Number
4 of 16

Revision Number:
4.2-3939439