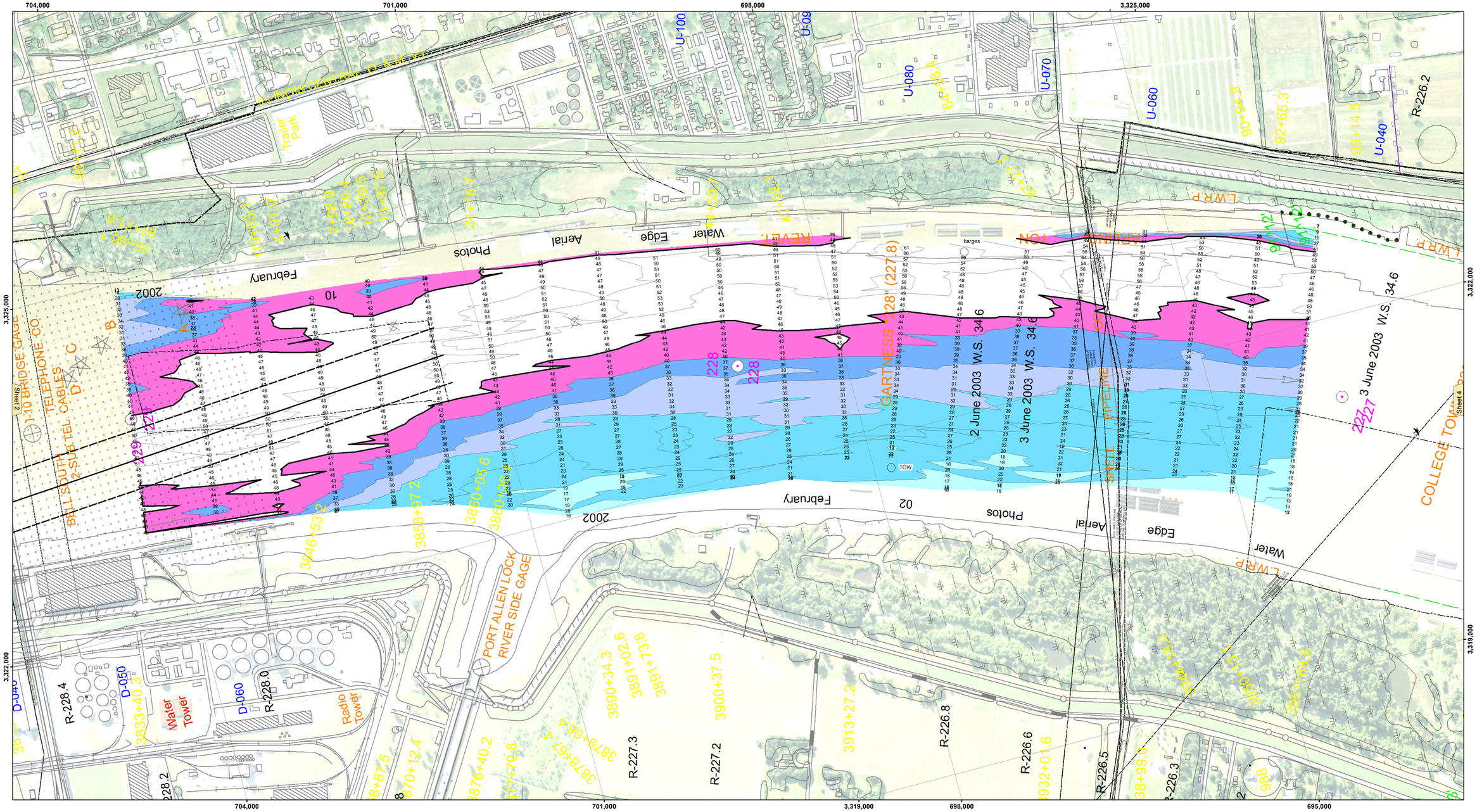


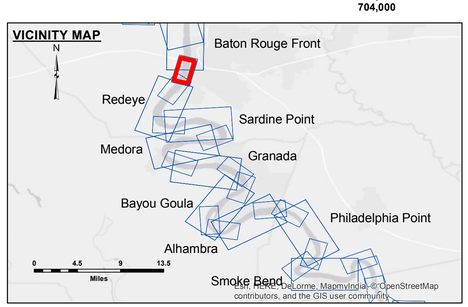


## LEGEND

- 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
- Shoaling Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy
- 0' and above
- 0' to -5'
- -5' to -10'
- -10' to -20'
- -20' to -30'
- -30' to -35'
- -35' to -40'
- -40' to 45'
- -45' and below

| | |
|---|---|
| LWRP: | 2.7 |
| Gage Reading: | BR:21.7 D:13.32 USED:21.60 NGVD |
| Sea Conditions: | CALM |
| Vessel Name: | OB-189 |
| Survey Type: | CONDITION |
| Sounding Frequency***: | HIGH |

Feet: 0 500 1,000 1,500 2,000 2,500

**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 Low Water Reference Plane 2007 (NGVD).

Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.

The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE crew.

2010 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.

Reference is N.O.A.A. Navigation Chart No. 11370.

** 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 Constraints: Hydrographic survey data is subject to change from storms, navigation, construction, or other maintenance dredging activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers does not warrant the data to be free of such items occurring or Engineer conditions to change after the data was in publication. This data is intended for U. S. Army Corps of Engineers' internal use. Project reviews should be only being used.

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The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted: _____ Surveyed By: SJR,JLH

Recommended: Chief, Survey Section _____ Plotted By: BD

Approved: Chief, Waterways Maintenance Section _____ Checked By: AO

# MISSISSIPPI RIVER - B.R. TO GULF
## ARLINGTON - SHEET 1
## MD_02_AR1_20170123
## 23 January 2017

**Sheet Reference Number**
3 of 97

Revison Number:
3.8.0-20150202