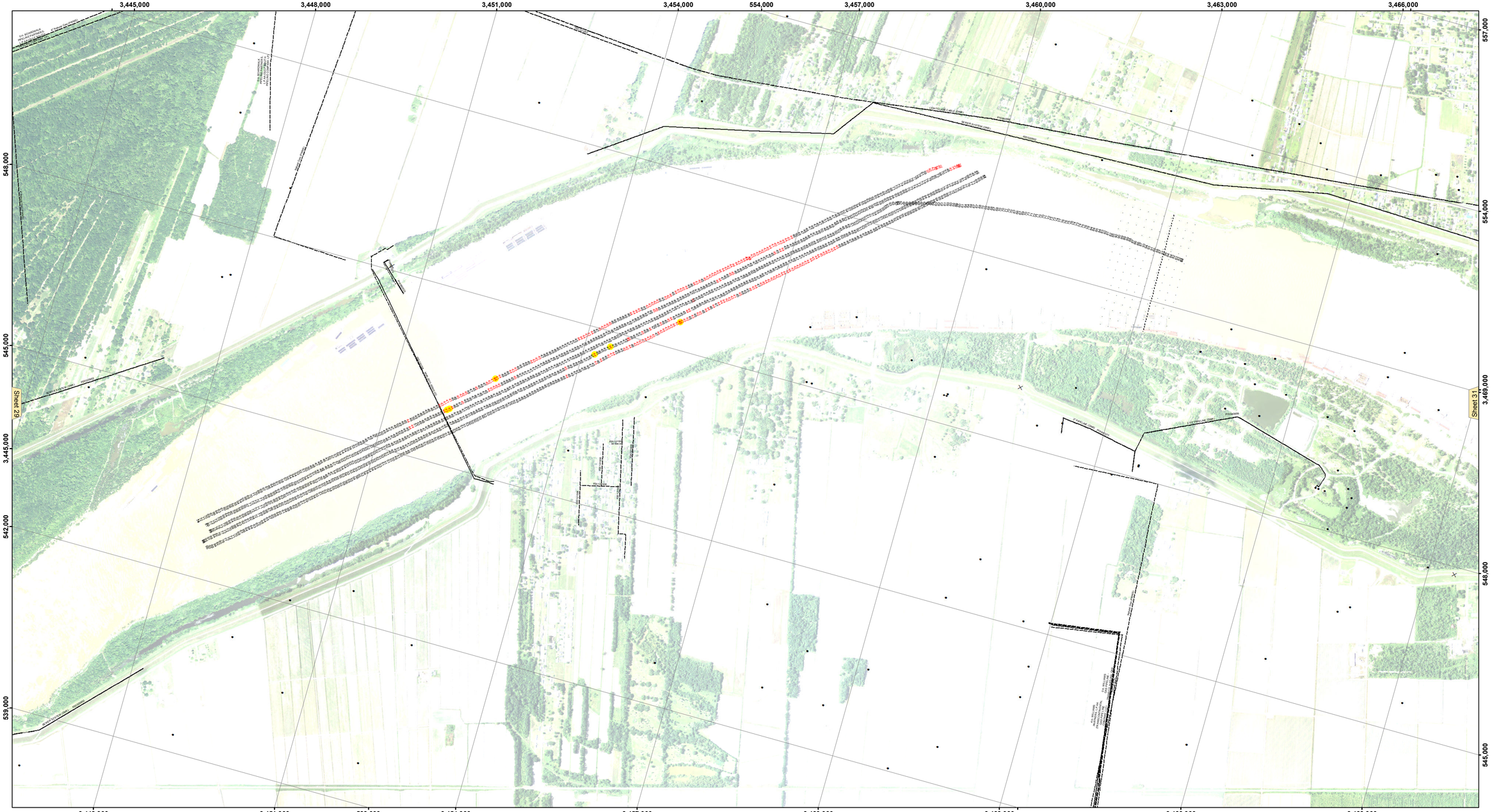

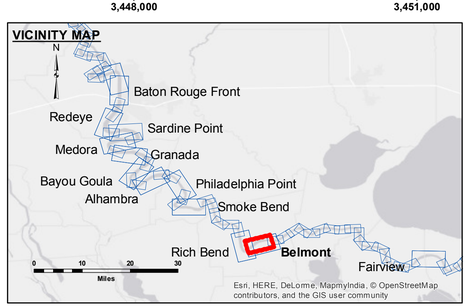

LEGEND

- 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
- 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

N W E S

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

LWRP:	1.3
Gage Reading:	D:11.2R:8.3 USED:9.5 NGVD
Sea Conditions:	CALM
Vessel Name:	LAFOURCHE
Survey Type:	CONDITION
Sounding Frequency***:	HIGH

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

DISCLAIMER
Access Constraints: The United States Government furnishes these data and has no obligation to provide updates on the spatial accuracy and indicates the general existing condition. As such, it is only valid for its intended use, context, time and accuracy expressed, or implied concerning the accuracy, completeness, reliability, or suitability of this information for any other purpose or of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change without notice because of the dynamic nature of the waterway and activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the waterway that occurred after the date of the last publication. This data is intended for U. S. Army Corps of Engineers' internal use. Product approval should be only solely upon it.

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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: DS/PS

Recommended: Plotted By: AO

Chief, Survey Section

Approved: Checked By: AO

Chief, Waterways Maintenance Section

MISSISSIPPI RIVER - B.R. TO GULF
BELMONT RECON
MR_30_BEL_20170727_CS
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