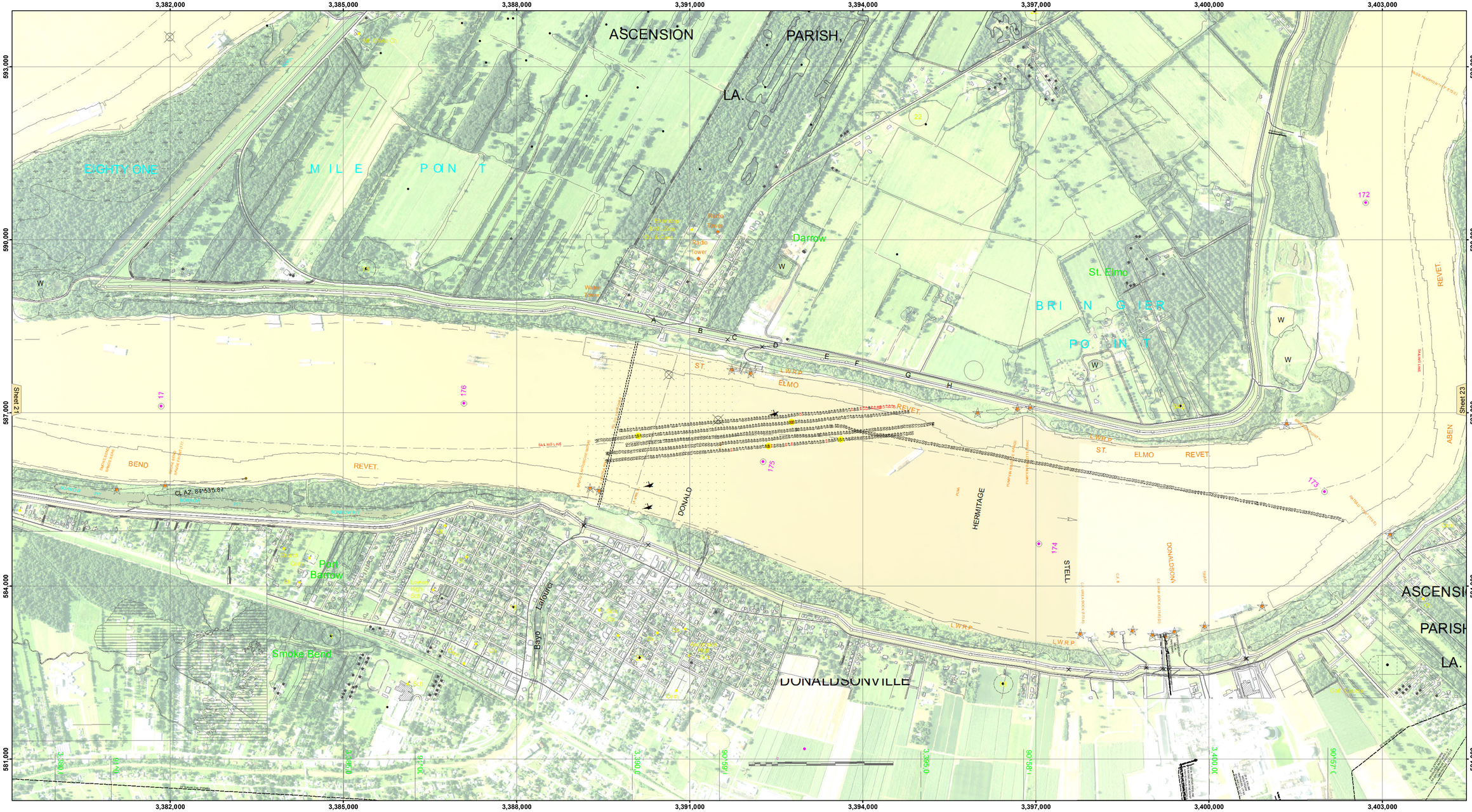

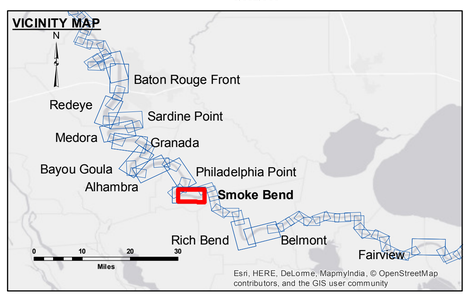

LEGEND

- 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: 1.4
Gage Reading: D:7.2BR:12.3 USED:7.2 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 information on an "as is" basis. The user assumes all responsibility for the use thereof and the US Government does not warrant the expressed or implied concerning the accuracy, completeness, timeliness, or rights to use such information. This statement is not to be construed to limit any person by reason of any use under the law. In no event will the United States shall be responsible or liable to any person by reason of any use made thereof and in no event shall the United States be liable for any damages, including lost profits, lost savings or other incidental or consequential damages relating to any use of data or information. The recipient fully agrees not to represent these data to anyone as other than data compiled by the US Government. The recipient agrees to hold the United States harmless from any claim arising from the use of these data to others without also transferring this Disclaimer.

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 this time.

Distribution Liability: The data represents the results of data collection activities conducted by the Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, context, time and accuracy at the time of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to environmental processes occurring between the Corps of Engineers acceptance of the survey activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the condition of the data that occur after the date shown in the publication. This data is intended for U. S. Army Corps of Engineers internal use. Private or commercial use of this data is strictly prohibited.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By: SS, JH	
Plotted By: AO	
Checked By: AO	
Submitted:	
Recommended: Chief, Survey Section	
Approved: Chief, Waterways Maintenance Section	

MISSISSIPPI RIVER - B.R. TO GULF
SMOKE BEND RECON
MR_22_SMB_20161219
19 December 2016

Sheet Reference Number
22 **of** 97

Revison Number:
3.8.0-20150202