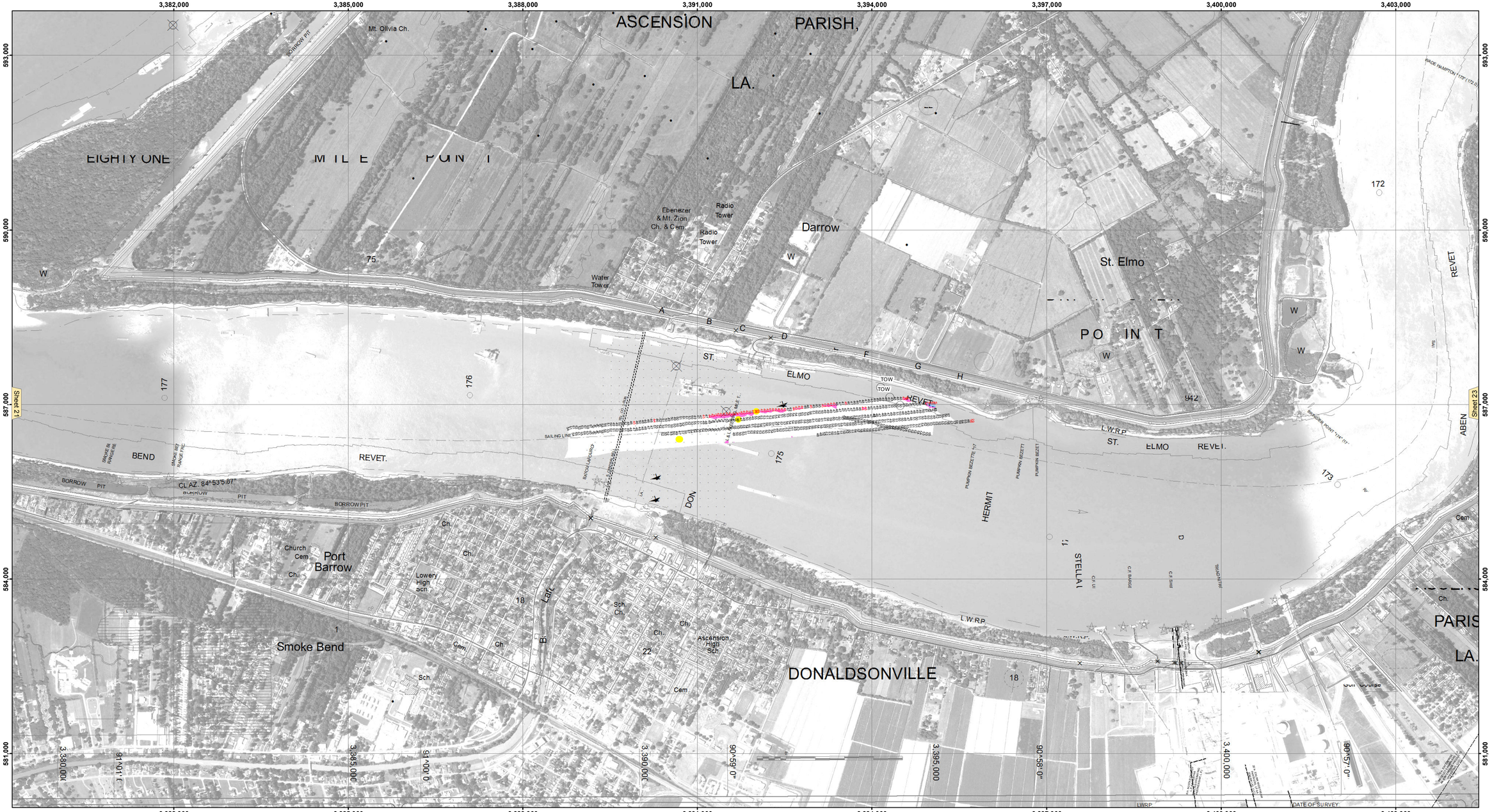

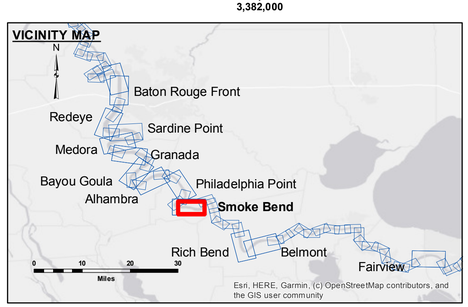

LEGEND

- 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:	BR:12.5D:7.3 USED:7.3 NAVD
Sea Conditions:	CHOP
Vessel Name:	OB-189
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 (NAVD).

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.

2015 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

Distribution Liability: The data represents the results of data collection and analysis performed by the Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy as determined by the activity and shall not be used for any of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the data that occur after the date of survey publication. This data is intended for U. S. Army Corps of Engineers' internal use. Product improvements should be reported to the activity.

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the US Coast Guard assumes no liability except that the data accurately represents the information furnished with the express understanding that it is furnished without any warranty, expressed or implied concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. In no event shall the United States be liable for any loss of profits or indirect, special, or consequential damages. The recipient fully agrees not to represent these data to anyone as other than the best available data of the United States and to provide 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 that time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:

Recommended:
Chief, Survey Section

Approved:
Chief, Waterways Maintenance Section

Surveyed By: SP, JH
Plotted By: AO
Checked By: AO

MISSISSIPPI RIVER - B.R. TO GULF
SMOKE BEND CROSSING
MD_22_SMB_20200924_CS
24 September 2020

Sheet Reference Number
22 of 97

Revison Number:
4.1-20191105