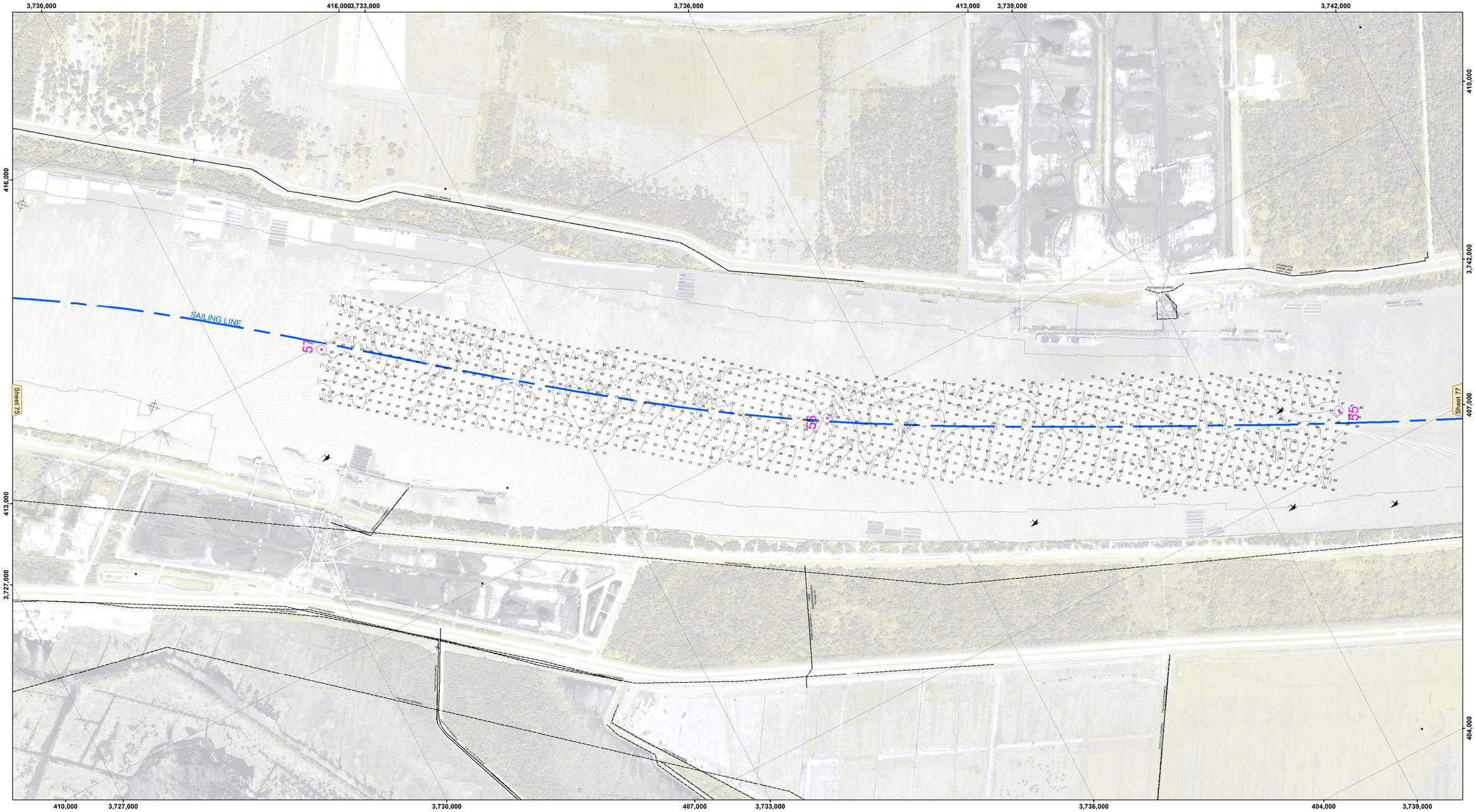

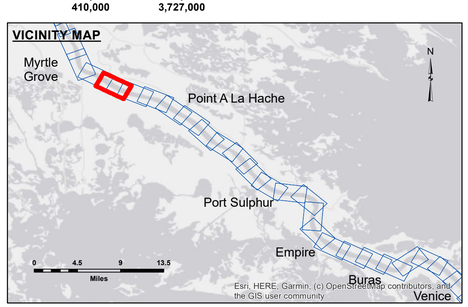

LEGEND

- 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:	0.3
Gage Reading:	VRN: 3.0
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	CONDITION
Sounding Frequency***:	400KHZ

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 (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.

2017 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 consoldiated 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 this data and information on an "as is" basis. It makes no express understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, usability, or suitability for any purpose of the data and information and the data furnished. The United States shall be held harmless from any liability resulting from improper or incorrect use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government data or to represent themselves as custodians 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 conditions existing at the time.

Distribution Liability: The data represents the results of data collected by the Vicksburg District, U.S. Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy of the data. The Government assumes no liability for the misuse 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 dynamic conditions such as weather, navigation, dredging activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the hydrographic conditions occurring subsequent to the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Present revenue product and safety operations.

U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:

Recommended:
Chief, Survey Section

Approved:
Chief, Waterways Maintenance Section

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

MISSISSIPPI RIVER - B.R. TO GULF
JUNIOR - SHEET 1
MD_76_JR1_20210903_CS_10X10_POSTIDA
03 September 2021

Sheet Reference Number
76 of 97

Revison Number:
4.2-20200420