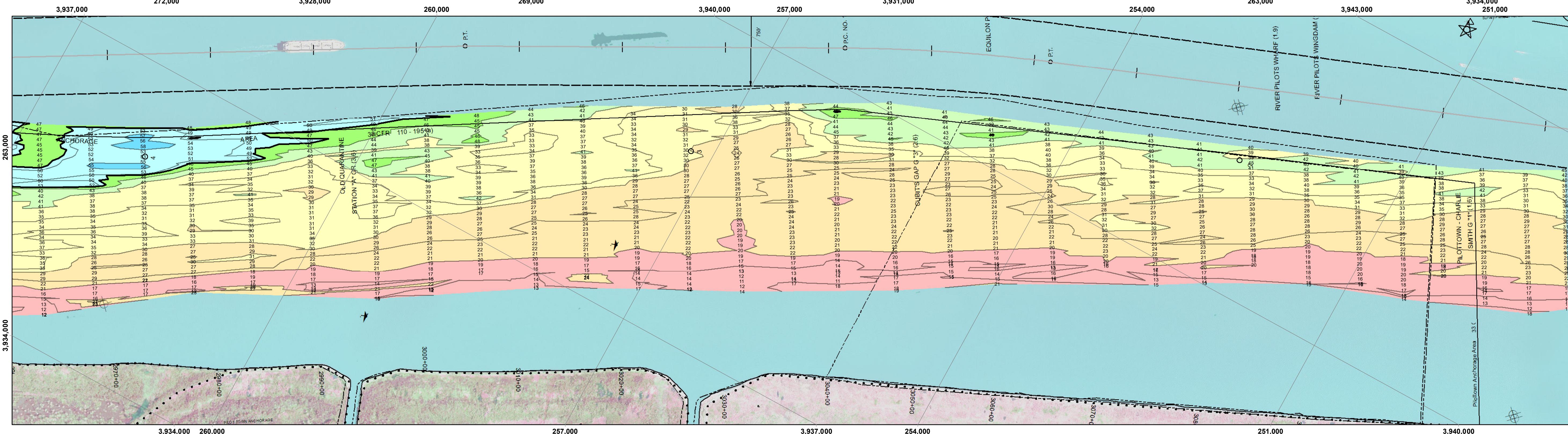


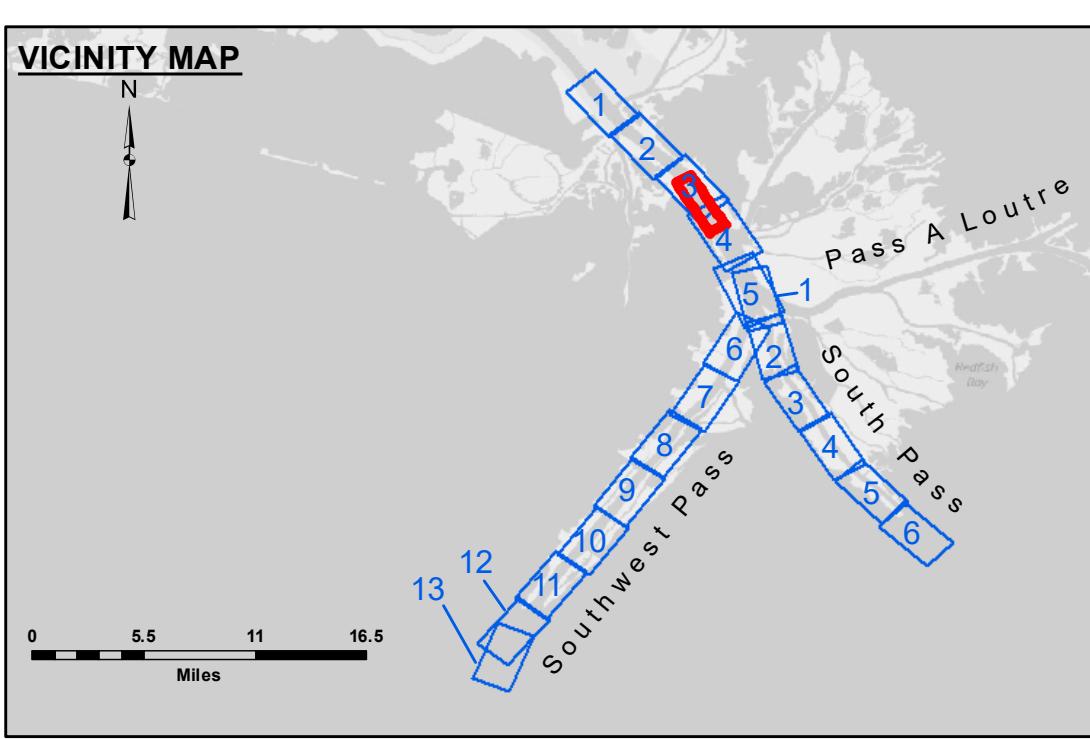
The logo consists of a red square containing a white stylized castle or fort icon. A registered trademark symbol (®) is located at the bottom right of the square. Below the square, the text "US Army Corps of Engineers" is written in a bold, black, sans-serif font. Underneath that, "District: CEMVN" is also written in a bold, black, sans-serif font.

<p><b>DISCLAIMER</b></p> <p><b>Access Constraints:</b> The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, readability, 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. These data belong to the Government. Therefore, the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.</p>	<p><b>Distribution Liability:</b> The data represents the results of data collection/processing for a specific US 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 specifications. The user is responsible for the results of any of the application of the data for other than its intended purpose.</p> <p><b>Data Constraints:</b> Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Prudent mariners should not rely solely upon it.</p>
<p>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.</p>	



U.S. ARMY COPRPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Surveyed By: JTB & TDG
Recommended: Chief, Survey Section	Plotted By: TSS
Approved: Chief, Waterways Maintenance Section	Checked By: MSK

**MISSISSIPPI RIVER - B.R. TO GULF**  
**PILOTTOWN ANCHORAGE**  
**SW\_00\_PTA\_20190509\_CS**  
**09 May 2019**



**LEGEND**

Federal Navigation Channel	Cable Area	Borrow Area	-10' and above
Federal Navigation Center Line	Placement Area	Shoalest Sounding**	-10' to -20'
As-built Pipeline/Cable	Anchorage Area	Beacon, General	-20' to -30'
Unconfirmed Pipeline/Cable	Obstruction Point	Red Navigation Buoy	-30' to -40'
Project Depth Contour	Wrecks-Submerged	Green Navigation Buoy	-40' to -45'
			-45' to -48.5'
			-48.5' to -55'
			-55' and below

**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:  
Readings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 07-11  
Tidal Current Relationships for gage 01525 as of July 2015:  
 $NAVD88 = -0.3' \text{ MLLW} = 3.20' \text{ MLG}$

stances on the Mississippi River, above and below Head of Passes are shown  
one mile intervals.

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

6 Aerial Photography data source: Precision Aerial Reconnaissance, LLC (1998 DOQ)

© Aerial Photography data source: Precision Aerial Reconnaissance, LLC (1998) DC

erence is N.O.A.A. Navigation Chart No. 11361.

Shoalest Sounding per Quarter per Reach.

High frequency (200 kHz) survey data represents the first signal return at a sounding.

ation and will include suspended solids, known as "fluff", if present. Low frequency GPR survey data normally penetrates through this "fluff" layer to depict elevations of consolidated material. Low frequency accuracies may vary depending on channel conditions and fatiguing.

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**Sheet  
Reference  
Number**

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**ANSWER**

Revision Number:  
3.12-20160811

3.12-20100811