

# Vote Allegheny Logic and Accuracy Test Report:

Self Test

by Micaelah E St Johns

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The logic & accuracy test was witnessed on Thursday, October 13th from 7:30 am to 3:00 pm by Micaelah E St Johns. The test took place at the XYZ Custom Warehouse at 901 Pennsylvania Avenue on the North Side of Pittsburgh, Pennsylvania. All machines were tested via the logic & accuracy self test. I observed the first round of testing with Louise Cannon from the League of Women Voters and a Republican Committeeman.

Upon entering I handed my letter of admittance to Mark Wolosik the Division Manager for Allegheny County Elections. After this, John O'Brien, one of the people in charge of conducting the test, made a point to state that he had read a news article from Audrey Glickman; which asked the question of "what if a virus was set to activate on Election Day?" Mr O'Brien stated that for the first time 1,300 machines would be set to the date of the election and tested with master PEBS. The same 1,300 machines would then be retested again with red PEBS and set to the date of October 13th. The results of both tests are then compared to ensure that they are the same.

The procedure went as follows, first PEBS are inserted into the machines by county workers. Codes are then entered into the machines. A test selection is made and the data is then retrieved and put on the PEB. Many of the workers used styli to make selections. This takes about twenty to thirty seconds. PEBS are then collected and orderly placed into a bin. The bin is taken to be read by the PEB reader and tabulated by the software "Unity."

All rounds of testing were conducted via the the method above. The master PEBS were scanned in the system. It was subsequently determined that all of the master PEBS were scanned and recognized by the system. However, the master PEBS for Baldwin District 2, Bell Acres, and Bellevue Ward 1 had not been voted into the system and counted. These three PEBS were

collected and rescanned. Then all master PEBs were then determined to have counted all votes into the system.

Then two more rounds of testing were conducted with the red PEBs. All were scanned into and recognized by the system. All votes were also counted into the system. There were no differences in the results of the test when 1,300 of the machines were set to Election Day and then retested set to the date of the 13<sup>th</sup> , both results were the same. Furthermore, there were no problems found in the third round of testing with red PEBs. I viewed the optical scan ballots. I was told by Mark Wolosik that the optical scan ballots are replaced every two years. Shortly after this, spare red PEBs were set aside. One of these PEBs are given to each of the lead-men who are located outside of the city of Pittsburgh.

I asked John O'Brien several questions regarding the machines and the testing process, the following information was acquired from him. There have been 3 bad batteries in the past year. There are less than 100 spare batteries for Allegheny county. A collection of about 20 screens have been found to be faulty in the last few years. When a machine's screen breaks the entire machine is sent back to the manufacturer. The machines are calibrated before every election.

The tabulation software that is used is a program called Unity. I was told by Elizabeth, a Business Analyst that the software is tested using an end-to-end test that was conducted at the same time as this test. The software ran with no problems. Also, I found out through Mark Wolosik the number of emergency ballots provided will be equal to forty-percent of the precinct's electorate. There will be 50 provisional ballots per precinct.

The test was completed at about 3:00 pm on the same day. The scanner test and physical test will be completed at an unspecified date in the future.