

Hampton Ballot Audit Report

Hampton Ballot Audit Report  
 Election: Senate 45 Special Democratic Primary  
 Audit Date: 11:41:18, Thu Sep 3, 2015

| Prec Nber                | Precinct Name | EL30A |     |      |       | Audit |     |     |       | Comments |
|--------------------------|---------------|-------|-----|------|-------|-------|-----|-----|-------|----------|
|                          |               | Total | Opt | iVo  | Flash | iVo   | Opt | Man | Delta |          |
| 0002                     | Hampton NO. 1 | 0     | 0   | 0    | 0     | 0     | 0   | 0   | 0     |          |
| 0004                     | Varnville     | 229   | 0   | 229  | 0     | 229   | 0   | 0   | 0     |          |
| 0005                     | Early Branch  | 41    | 0   | 41   | 0     | 41    | 0   | 0   | 0     |          |
| 0006                     | Garnett       | 29    | 0   | 29   | 0     | 29    | 0   | 0   | 0     |          |
| 0007                     | Estill        | 198   | 0   | 198  | 0     | 198   | 0   | 0   | 0     |          |
| 0009                     | Bonnett       | 79    | 0   | 79   | 0     | 79    | 0   | 0   | 0     |          |
| 0010                     | Furman        | 70    | 0   | 70   | 0     | 70    | 0   | 0   | 0     |          |
| 0011                     | Scotia        | 51    | 0   | 51   | 0     | 51    | 0   | 0   | 0     |          |
| 0013                     | Yemassee      | 178   | 0   | 178  | 0     | 178   | 0   | 0   | 0     |          |
| 0014                     | Horse Gall    | 13    | 0   | 13   | 0     | 13    | 0   | 0   | 0     |          |
| 0016                     | Hopewell      | 21    | 0   | 21   | 0     | 21    | 0   | 0   | 0     |          |
| 0018                     | Cummings      | 153   | 0   | 153  | 0     | 153   | 0   | 0   | 0     |          |
| 0019                     | Black Creek   | 35    | 0   | 35   | 0     | 35    | 0   | 0   | 0     |          |
| 0021                     | Gifford       | 68    | 0   | 68   | 0     | 68    | 0   | 0   | 0     |          |
| Precincts Total:         |               | 1165  | 0   | 1165 | 0     | 1165  | 0   | 0   | 0     |          |
| 0750                     | Absentee      | 224   | 175 | 49   | 0     | 49    | 175 | 0   | 0     |          |
| 0800                     | Emergency     | 0     | 0   | 0    | 0     | 0     | 0   | 0   | 0     |          |
| 0850                     | Fail safe     | 1     | 0   | 1    | 0     | 1     | 0   | 0   | 0     |          |
| 0900                     | Provisional   | 0     | 0   | 0    | 0     | 0     | 0   | 0   | 0     |          |
| Virtual Precincts Total: |               | 225   | 175 | 50   | 0     | 50    | 175 | 0   | 0     |          |
| Grand Total:             |               | 1390  | 175 | 1215 | 0     | 1215  | 175 | 0   | 0     |          |

NOTE: Any manual entries shown on this report are supported by the Manual Entry Log (EL68).

Auditor's Comments:

Total number of iVotronic ballots cast containing no votes: 6  
 The following precincts have no ballots cast in them: Hampton NO. 1, Emergency, Provisional  
 This audit is complete and has no exceptions.

EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots.

| EL30A iVo Ballots | EL155 Ballots    | EL152 Ballots |
|-------------------|------------------|---------------|
| 1215              | 1215             | 1215          |
| Delta from EL30A  | 0                | 0             |
|                   | Delta from EL155 | 0             |
|                   | Cast By Voter    | 1214          |

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|                   |    |                                               |
|-------------------|----|-----------------------------------------------|
| Cast By Poll Wkr  | 1  |                                               |
| Blank Cast by PW  | 0  |                                               |
| -----             |    |                                               |
| Cancelled Ballots | 21 |                                               |
| -----             |    |                                               |
| Wrong Ballot      | 1  |                                               |
| Voter Left AB     | 0  | (AB = After ballot selected by poll worker.)  |
| Voter Left BB     | 0  | (BB = Before ballot selected by poll worker.) |
| Voter Request     | 10 |                                               |
| Printer Problem   | 0  |                                               |
| Terminal Problem  | 3  |                                               |
| Other Reason      | 7  |                                               |
| -----             |    |                                               |

Number of ADA audio enabled events in this election: 1

| Precinct Number and Name | Machine | Date       | Time     |
|--------------------------|---------|------------|----------|
| 0016 Hopewell            | 5122620 | 08/25/2015 | 10:23:30 |

Election Date: 09/01/2015

In all but the Absentee Precinct events reported before election day are due to testing. Machines reported with precinct unknown had ADA Audio Enabled Events but no ballots were cast on them.

Note: The following machines(s) have audit records but no ballots were cast on them: 5127954, 5128558  
 Because they do not have ballots cast, they cannot be matched to a precinct. This is not an issue as long as the EL30A Ivo Ballots, the EL155 Ballots and the EL152 Ballots match in the table immediately above.

How to read this report.

This is the ballot level report. It compares the number of ballots cast in the tabulation report, the EL30A with the number of ballots cast in the audit data.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. The total lines are the calculated sums of the individual precinct line values.

The Opt totals are the total number of ballots cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

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The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into two master audit files, the EL155 Vote image log and the EL152 iVotronic event log. The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine. Counting the number of asterisks in a precinct we get the number of ballots cast in that precinct. That number should always match the number in the iVo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total does not match the EL30A Total value, the auditor is prompted to read the paper report from the optical scanner and enter the total ballots cast into the auditing program.

If the sum of the audit iVotronic and Optical ballots cast still do not match the EL30A total value, then the audit software reads the EL68 Manual Entry log for any changes made in that precinct to either the iVo or Opt totals by the CEC staff. It displays any manual entries to the auditor for inclusion into the totals. If accepted by the auditor these entries are automatically added to the Man column from the Manual Entry log.

Finally, the audit software calculates the Delta value which should be zero unless the sum of the iVo, the Opt and the Man do not match the EL30A Total column. If the Delta is greater than zero then audit data is missing. A comment will be placed on that line in the report indicating missing audit data. If the Delta value is less than zero then there are more ballots in the audit data than there are in the tabulated data and a comment will be placed on that line in the report.

Wherever possible, the audit system will attempt to indicate where the difference is by displaying the iVotronic machine numbers and the number of ballots cast on that machine that exist in the audit data. In the case of missing tabulated data, it might be possible to identify a machine that has the same number of ballots cast as the delta value and that number and ballot count will be highlighted with a < sign. If there is a non zero Delta value there will be an entry by the auditor explaining the variance.

Finally, there is a EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots table in the report. This table should indicate that the number ballots cast in the EL30A match the numbers in the EL155 and the EL152 report. Then there are some statistics pulled from the EL152 report that indicate how many ballots were cast by the voter and the number cast by the poll worker. Lastly the number of ballots that were cancelled and the reason they were cancelled. It should be noted that the reason cancelled is chosen from a pull down menu presented to the poll worker when a ballot is cancelled, there is no way to validate the poll worker's choice.

Hampton Vote Audit

Hampton Vote Level Audit Report  
 Election: Senate 45 Special Democratic Primary  
 Audit Date: 11:41:39, Thu Sep 3, 2015

| Precinct Number / Name<br>Office  | Candidate              | Party | Total | Optical | EL30A<br>iVo | Flash | Audit<br>iVo | Delta                     | Comments |
|-----------------------------------|------------------------|-------|-------|---------|--------------|-------|--------------|---------------------------|----------|
| 0002 Hampton NO. 1                |                        |       |       |         |              |       |              |                           |          |
| State Senate District 45<br>found | Chauncey N Barnwell    |       | 0     | 0       | 0            | 0     | *            | No Audit Data expected or |          |
| State Senate District 45<br>found | William Bowman Jr      |       | 0     | 0       | 0            | 0     | *            | No Audit Data expected or |          |
| State Senate District 45<br>found | Sheree Darien          |       | 0     | 0       | 0            | 0     | *            | No Audit Data expected or |          |
| State Senate District 45<br>found | Kent D Fletcher        |       | 0     | 0       | 0            | 0     | *            | No Audit Data expected or |          |
| State Senate District 45<br>found | Libbie Henry Green     |       | 0     | 0       | 0            | 0     | *            | No Audit Data expected or |          |
| State Senate District 45<br>found | Kenneth F Hodges       |       | 0     | 0       | 0            | 0     | *            | No Audit Data expected or |          |
| State Senate District 45<br>found | R Keith Horton         |       | 0     | 0       | 0            | 0     | *            | No Audit Data expected or |          |
| State Senate District 45<br>found | Margie Bright Matthews |       | 0     | 0       | 0            | 0     | *            | No Audit Data expected or |          |
| State Senate District 45<br>found | Richmond Truesdale     |       | 0     | 0       | 0            | 0     | *            | No Audit Data expected or |          |
| State Senate District 45<br>found | John Edward Washington |       | 0     | 0       | 0            | 0     | *            | No Audit Data expected or |          |
| State Senate District 45<br>found | Korey Williams         |       | 0     | 0       | 0            | 0     | *            | No Audit Data expected or |          |
| 0004 Varnville                    |                        |       |       |         |              |       |              |                           |          |
| State Senate District 45          | Chauncey N Barnwell    |       | 2     | 0       | 2            | 0     | 2            | 0                         |          |
| State Senate District 45          | William Bowman Jr      |       | 2     | 0       | 2            | 0     | 2            | 0                         |          |
| State Senate District 45          | Sheree Darien          |       | 3     | 0       | 3            | 0     | 3            | 0                         |          |
| State Senate District 45          | Kent D Fletcher        |       | 3     | 0       | 3            | 0     | 3            | 0                         |          |
| State Senate District 45          | Libbie Henry Green     |       | 2     | 0       | 2            | 0     | 2            | 0                         |          |
| State Senate District 45          | Kenneth F Hodges       |       | 20    | 0       | 20           | 0     | 20           | 0                         |          |
| State Senate District 45          | R Keith Horton         |       | 4     | 0       | 4            | 0     | 4            | 0                         |          |
| State Senate District 45          | Margie Bright Matthews |       | 67    | 0       | 67           | 0     | 67           | 0                         |          |
| State Senate District 45<br>found | Richmond Truesdale     |       | 0     | 0       | 0            | 0     | *            | No Audit Data expected or |          |
| State Senate District 45<br>found | John Edward Washington |       | 0     | 0       | 0            | 0     | *            | No Audit Data expected or |          |
| State Senate District 45          | Korey Williams         |       | 126   | 0       | 126          | 0     | 126          | 0                         |          |
| 0005 Early Branch                 |                        |       |       |         |              |       |              |                           |          |

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|                                   |                        |    |   |    |   |    |                           |
|-----------------------------------|------------------------|----|---|----|---|----|---------------------------|
| State Senate District 45          | Chauncey N Barnwell    | 1  | 0 | 1  | 0 | 1  | 0                         |
| State Senate District 45<br>found | William Bowman Jr      | 0  | 0 | 0  | 0 | *  | No Audit Data expected or |
| State Senate District 45<br>found | Sheree Darien          | 0  | 0 | 0  | 0 | *  | No Audit Data expected or |
| State Senate District 45          | Kent D Fletcher        | 1  | 0 | 1  | 0 | 1  | 0                         |
| State Senate District 45<br>found | Libbie Henry Green     | 0  | 0 | 0  | 0 | *  | No Audit Data expected or |
| State Senate District 45          | Kenneth F Hodges       | 5  | 0 | 5  | 0 | 5  | 0                         |
| State Senate District 45<br>found | R Keith Horton         | 0  | 0 | 0  | 0 | *  | No Audit Data expected or |
| State Senate District 45          | Margie Bright Matthews | 21 | 0 | 21 | 0 | 21 | 0                         |
| State Senate District 45<br>found | Richmond Truesdale     | 0  | 0 | 0  | 0 | *  | No Audit Data expected or |
| State Senate District 45          | John Edward Washington | 1  | 0 | 1  | 0 | 1  | 0                         |
| State Senate District 45          | Korey Williams         | 12 | 0 | 12 | 0 | 12 | 0                         |
| 0006 Garnett                      |                        |    |   |    |   |    |                           |
| State Senate District 45<br>found | Chauncey N Barnwell    | 0  | 0 | 0  | 0 | *  | No Audit Data expected or |
| State Senate District 45<br>found | William Bowman Jr      | 0  | 0 | 0  | 0 | *  | No Audit Data expected or |
| State Senate District 45          | Sheree Darien          | 1  | 0 | 1  | 0 | 1  | 0                         |
| State Senate District 45<br>found | Kent D Fletcher        | 0  | 0 | 0  | 0 | *  | No Audit Data expected or |
| State Senate District 45<br>found | Libbie Henry Green     | 0  | 0 | 0  | 0 | *  | No Audit Data expected or |
| State Senate District 45          | Kenneth F Hodges       | 16 | 0 | 16 | 0 | 16 | 0                         |
| State Senate District 45<br>found | R Keith Horton         | 0  | 0 | 0  | 0 | *  | No Audit Data expected or |
| State Senate District 45          | Margie Bright Matthews | 11 | 0 | 11 | 0 | 11 | 0                         |
| State Senate District 45<br>found | Richmond Truesdale     | 0  | 0 | 0  | 0 | *  | No Audit Data expected or |
| State Senate District 45<br>found | John Edward Washington | 0  | 0 | 0  | 0 | *  | No Audit Data expected or |
| State Senate District 45          | Korey Williams         | 1  | 0 | 1  | 0 | 1  | 0                         |
| 0007 Estill                       |                        |    |   |    |   |    |                           |
| State Senate District 45          | Chauncey N Barnwell    | 1  | 0 | 1  | 0 | 1  | 0                         |
| State Senate District 45          | William Bowman Jr      | 6  | 0 | 6  | 0 | 6  | 0                         |
| State Senate District 45<br>found | Sheree Darien          | 0  | 0 | 0  | 0 | *  | No Audit Data expected or |
| State Senate District 45          | Kent D Fletcher        | 2  | 0 | 2  | 0 | 2  | 0                         |
| State Senate District 45          | Libbie Henry Green     | 1  | 0 | 1  | 0 | 1  | 0                         |
| State Senate District 45          | Kenneth F Hodges       | 42 | 0 | 42 | 0 | 42 | 0                         |
| State Senate District 45          | R Keith Horton         | 5  | 0 | 5  | 0 | 5  | 0                         |
| State Senate District 45          | Margie Bright Matthews | 61 | 0 | 61 | 0 | 61 | 0                         |
| State Senate District 45          | Richmond Truesdale     | 0  | 0 | 0  | 0 | *  | No Audit Data expected or |

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|       |         |          |    |                        |    |   |    |                               |
|-------|---------|----------|----|------------------------|----|---|----|-------------------------------|
| found |         |          |    |                        |    |   |    |                               |
| State | Senate  | District | 45 | John Edward Washington | 0  | 0 | 0  | 0 * No Audit Data expected or |
| found |         |          |    |                        |    |   |    |                               |
| State | Senate  | District | 45 | Korey Williams         | 80 | 0 | 80 | 0 80 0                        |
| 0009  | Bonnett |          |    |                        |    |   |    |                               |
| State | Senate  | District | 45 | Chauncey N Barnwell    | 0  | 0 | 0  | 0 * No Audit Data expected or |
| found |         |          |    |                        |    |   |    |                               |
| State | Senate  | District | 45 | William Bowman Jr      | 1  | 0 | 1  | 0 1 0                         |
| State | Senate  | District | 45 | Sheree Darien          | 3  | 0 | 3  | 0 3 0                         |
| State | Senate  | District | 45 | Kent D Fletcher        | 5  | 0 | 5  | 0 5 0                         |
| State | Senate  | District | 45 | Libbie Henry Green     | 3  | 0 | 3  | 0 3 0                         |
| State | Senate  | District | 45 | Kenneth F Hodges       | 14 | 0 | 14 | 0 14 0                        |
| State | Senate  | District | 45 | R Keith Horton         | 4  | 0 | 4  | 0 4 0                         |
| State | Senate  | District | 45 | Margie Bright Matthews | 31 | 0 | 31 | 0 31 0                        |
| State | Senate  | District | 45 | Richmond Truesdale     | 0  | 0 | 0  | 0 * No Audit Data expected or |
| found |         |          |    |                        |    |   |    |                               |
| State | Senate  | District | 45 | John Edward Washington | 1  | 0 | 1  | 0 1 0                         |
| State | Senate  | District | 45 | Korey Williams         | 16 | 0 | 16 | 0 16 0                        |
| 0010  | Furman  |          |    |                        |    |   |    |                               |
| State | Senate  | District | 45 | Chauncey N Barnwell    | 0  | 0 | 0  | 0 * No Audit Data expected or |
| found |         |          |    |                        |    |   |    |                               |
| State | Senate  | District | 45 | William Bowman Jr      | 2  | 0 | 2  | 0 2 0                         |
| State | Senate  | District | 45 | Sheree Darien          | 2  | 0 | 2  | 0 2 0                         |
| State | Senate  | District | 45 | Kent D Fletcher        | 3  | 0 | 3  | 0 3 0                         |
| State | Senate  | District | 45 | Libbie Henry Green     | 1  | 0 | 1  | 0 1 0                         |
| State | Senate  | District | 45 | Kenneth F Hodges       | 18 | 0 | 18 | 0 18 0                        |
| State | Senate  | District | 45 | R Keith Horton         | 4  | 0 | 4  | 0 4 0                         |
| State | Senate  | District | 45 | Margie Bright Matthews | 28 | 0 | 28 | 0 28 0                        |
| State | Senate  | District | 45 | Richmond Truesdale     | 0  | 0 | 0  | 0 * No Audit Data expected or |
| found |         |          |    |                        |    |   |    |                               |
| State | Senate  | District | 45 | John Edward Washington | 3  | 0 | 3  | 0 3 0                         |
| State | Senate  | District | 45 | Korey Williams         | 8  | 0 | 8  | 0 8 0                         |
| 0011  | Scotia  |          |    |                        |    |   |    |                               |
| State | Senate  | District | 45 | Chauncey N Barnwell    | 1  | 0 | 1  | 0 1 0                         |
| State | Senate  | District | 45 | William Bowman Jr      | 3  | 0 | 3  | 0 3 0                         |
| State | Senate  | District | 45 | Sheree Darien          | 0  | 0 | 0  | 0 * No Audit Data expected or |
| found |         |          |    |                        |    |   |    |                               |
| State | Senate  | District | 45 | Kent D Fletcher        | 2  | 0 | 2  | 0 2 0                         |
| State | Senate  | District | 45 | Libbie Henry Green     | 0  | 0 | 0  | 0 * No Audit Data expected or |
| found |         |          |    |                        |    |   |    |                               |
| State | Senate  | District | 45 | Kenneth F Hodges       | 23 | 0 | 23 | 0 23 0                        |
| State | Senate  | District | 45 | R Keith Horton         | 0  | 0 | 0  | 0 * No Audit Data expected or |
| found |         |          |    |                        |    |   |    |                               |
| State | Senate  | District | 45 | Margie Bright Matthews | 14 | 0 | 14 | 0 14 0                        |
| State | Senate  | District | 45 | Richmond Truesdale     | 0  | 0 | 0  | 0 * No Audit Data expected or |

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|       |                    |                        |    |   |    |   |                             |   |
|-------|--------------------|------------------------|----|---|----|---|-----------------------------|---|
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | John Edward Washington | 0  | 0 | 0  | 0 | * No Audit Data expected or |   |
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | Korey Williams         | 7  | 0 | 7  | 0 | 7                           | 0 |
| 0013  | Yemassee           |                        |    |   |    |   |                             |   |
| State | Senate District 45 | Chauncey N Barnwell    | 0  | 0 | 0  | 0 | * No Audit Data expected or |   |
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | William Bowman Jr      | 2  | 0 | 2  | 0 | 2                           | 0 |
| State | Senate District 45 | Sheree Darien          | 6  | 0 | 6  | 0 | 6                           | 0 |
| State | Senate District 45 | Kent D Fletcher        | 1  | 0 | 1  | 0 | 1                           | 0 |
| State | Senate District 45 | Libbie Henry Green     | 15 | 0 | 15 | 0 | 15                          | 0 |
| State | Senate District 45 | Kenneth F Hodges       | 22 | 0 | 22 | 0 | 22                          | 0 |
| State | Senate District 45 | R Keith Horton         | 0  | 0 | 0  | 0 | * No Audit Data expected or |   |
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | Margie Bright Matthews | 80 | 0 | 80 | 0 | 80                          | 0 |
| State | Senate District 45 | Richmond Truesdale     | 0  | 0 | 0  | 0 | * No Audit Data expected or |   |
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | John Edward Washington | 8  | 0 | 8  | 0 | 8                           | 0 |
| State | Senate District 45 | Korey Williams         | 42 | 0 | 42 | 0 | 42                          | 0 |
| 0014  | Horse Gall         |                        |    |   |    |   |                             |   |
| State | Senate District 45 | Chauncey N Barnwell    | 0  | 0 | 0  | 0 | * No Audit Data expected or |   |
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | William Bowman Jr      | 0  | 0 | 0  | 0 | * No Audit Data expected or |   |
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | Sheree Darien          | 0  | 0 | 0  | 0 | * No Audit Data expected or |   |
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | Kent D Fletcher        | 0  | 0 | 0  | 0 | * No Audit Data expected or |   |
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | Libbie Henry Green     | 0  | 0 | 0  | 0 | * No Audit Data expected or |   |
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | Kenneth F Hodges       | 0  | 0 | 0  | 0 | * No Audit Data expected or |   |
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | R Keith Horton         | 0  | 0 | 0  | 0 | * No Audit Data expected or |   |
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | Margie Bright Matthews | 6  | 0 | 6  | 0 | 6                           | 0 |
| State | Senate District 45 | Richmond Truesdale     | 0  | 0 | 0  | 0 | * No Audit Data expected or |   |
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | John Edward Washington | 0  | 0 | 0  | 0 | * No Audit Data expected or |   |
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | Korey Williams         | 7  | 0 | 7  | 0 | 7                           | 0 |
| 0016  | Hopewell           |                        |    |   |    |   |                             |   |
| State | Senate District 45 | Chauncey N Barnwell    | 0  | 0 | 0  | 0 | * No Audit Data expected or |   |
| found |                    |                        |    |   |    |   |                             |   |
| State | Senate District 45 | William Bowman Jr      | 2  | 0 | 2  | 0 | 2                           | 0 |
| State | Senate District 45 | Sheree Darien          | 1  | 0 | 1  | 0 | 1                           | 0 |

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|             |                    |                        |     |   |     |   |                             |
|-------------|--------------------|------------------------|-----|---|-----|---|-----------------------------|
| State found | Senate District 45 | Kent D Fletcher        | 0   | 0 | 0   | 0 | * No Audit Data expected or |
| State found | Senate District 45 | Libbie Henry Green     | 0   | 0 | 0   | 0 | * No Audit Data expected or |
| State       | Senate District 45 | Kenneth F Hodges       | 2   | 0 | 2   | 0 | 2 0                         |
| State       | Senate District 45 | R Keith Horton         | 3   | 0 | 3   | 0 | 3 0                         |
| State       | Senate District 45 | Margie Bright Matthews | 4   | 0 | 4   | 0 | 4 0                         |
| State found | Senate District 45 | Richmond Truesdale     | 0   | 0 | 0   | 0 | * No Audit Data expected or |
| State found | Senate District 45 | John Edward Washington | 0   | 0 | 0   | 0 | * No Audit Data expected or |
| State       | Senate District 45 | Korey Williams         | 9   | 0 | 9   | 0 | 9 0                         |
| 0018        | Cummings           |                        |     |   |     |   |                             |
| State found | Senate District 45 | Chauncey N Barnwell    | 0   | 0 | 0   | 0 | * No Audit Data expected or |
| State found | Senate District 45 | William Bowman Jr      | 0   | 0 | 0   | 0 | * No Audit Data expected or |
| State       | Senate District 45 | Sheree Darien          | 2   | 0 | 2   | 0 | 2 0                         |
| State       | Senate District 45 | Kent D Fletcher        | 2   | 0 | 2   | 0 | 2 0                         |
| State       | Senate District 45 | Libbie Henry Green     | 1   | 0 | 1   | 0 | 1 0                         |
| State       | Senate District 45 | Kenneth F Hodges       | 14  | 0 | 14  | 0 | 14 0                        |
| State       | Senate District 45 | R Keith Horton         | 6   | 0 | 6   | 0 | 6 0                         |
| State       | Senate District 45 | Margie Bright Matthews | 18  | 0 | 18  | 0 | 18 0                        |
| State found | Senate District 45 | Richmond Truesdale     | 0   | 0 | 0   | 0 | * No Audit Data expected or |
| State found | Senate District 45 | John Edward Washington | 0   | 0 | 0   | 0 | * No Audit Data expected or |
| State       | Senate District 45 | Korey Williams         | 109 | 0 | 109 | 0 | 109 0                       |
| 0019        | Black Creek        |                        |     |   |     |   |                             |
| State found | Senate District 45 | Chauncey N Barnwell    | 0   | 0 | 0   | 0 | * No Audit Data expected or |
| State found | Senate District 45 | William Bowman Jr      | 0   | 0 | 0   | 0 | * No Audit Data expected or |
| State found | Senate District 45 | Sheree Darien          | 0   | 0 | 0   | 0 | * No Audit Data expected or |
| State       | Senate District 45 | Kent D Fletcher        | 1   | 0 | 1   | 0 | 1 0                         |
| State found | Senate District 45 | Libbie Henry Green     | 0   | 0 | 0   | 0 | * No Audit Data expected or |
| State found | Senate District 45 | Kenneth F Hodges       | 0   | 0 | 0   | 0 | * No Audit Data expected or |
| State found | Senate District 45 | R Keith Horton         | 0   | 0 | 0   | 0 | * No Audit Data expected or |
| State       | Senate District 45 | Margie Bright Matthews | 14  | 0 | 14  | 0 | 14 0                        |
| State       | Senate District 45 | Richmond Truesdale     | 1   | 0 | 1   | 0 | 1 0                         |
| State found | Senate District 45 | John Edward Washington | 0   | 0 | 0   | 0 | * No Audit Data expected or |



|                                       |                        | Hampton Vote Audit |    |    |   |                               |   |  |
|---------------------------------------|------------------------|--------------------|----|----|---|-------------------------------|---|--|
| State Senate District 45              | Korey Williams         | 19                 | 0  | 19 | 0 | 19                            | 0 |  |
| 0021 Gifford                          |                        |                    |    |    |   |                               |   |  |
| State Senate District 45              | Chauncey N Barnwell    | 3                  | 0  | 3  | 0 | 3                             | 0 |  |
| State Senate District 45              | William Bowman Jr      | 9                  | 0  | 9  | 0 | 9                             | 0 |  |
| State Senate District 45              | Sheree Darien          | 1                  | 0  | 1  | 0 | 1                             | 0 |  |
| State Senate District 45              | Kent D Fletcher        | 3                  | 0  | 3  | 0 | 3                             | 0 |  |
| State Senate District 45              | Libbie Henry Green     | 1                  | 0  | 1  | 0 | 1                             | 0 |  |
| State Senate District 45              | Kenneth F Hodges       | 9                  | 0  | 9  | 0 | 9                             | 0 |  |
| State Senate District 45              | R Keith Horton         | 2                  | 0  | 2  | 0 | 2                             | 0 |  |
| State Senate District 45              | Margie Bright Matthews | 16                 | 0  | 16 | 0 | 16                            | 0 |  |
| State Senate District 45<br>found     | Richmond Truesdale     | 0                  | 0  | 0  | 0 | * No Audit Data expected or   |   |  |
| State Senate District 45              | John Edward Washington | 1                  | 0  | 1  | 0 | 1                             | 0 |  |
| State Senate District 45              | Korey Williams         | 23                 | 0  | 23 | 0 | 23                            | 0 |  |
| 0750 Absentee                         |                        |                    |    |    |   |                               |   |  |
| State Senate District 45<br>candidate | Chauncey N Barnwell    | 1                  | 1  | 0  | 0 | * All votes cast for this     |   |  |
|                                       |                        |                    |    |    |   | * in this precinct are        |   |  |
| optical .                             |                        |                    |    |    |   | * No Audit Data for optical . |   |  |
| State Senate District 45<br>found     | William Bowman Jr      | 0                  | 0  | 0  | 0 | * No Audit Data expected or   |   |  |
| State Senate District 45<br>found     | Sheree Darien          | 0                  | 0  | 0  | 0 | * No Audit Data expected or   |   |  |
| State Senate District 45<br>found     | Kent D Fletcher        | 0                  | 0  | 0  | 0 | * No Audit Data expected or   |   |  |
| State Senate District 45<br>candidate | Libbie Henry Green     | 2                  | 2  | 0  | 0 | * All votes cast for this     |   |  |
|                                       |                        |                    |    |    |   | * in this precinct are        |   |  |
| optical .                             |                        |                    |    |    |   | * No Audit Data for optical . |   |  |
| State Senate District 45              | Kenneth F Hodges       | 33                 | 20 | 13 | 0 | 13                            | 0 |  |
| State Senate District 45              | R Keith Horton         | 3                  | 0  | 3  | 0 | 3                             | 0 |  |
| State Senate District 45              | Margie Bright Matthews | 80                 | 67 | 13 | 0 | 13                            | 0 |  |
| State Senate District 45<br>found     | Richmond Truesdale     | 0                  | 0  | 0  | 0 | * No Audit Data expected or   |   |  |
| State Senate District 45              | John Edward Washington | 2                  | 1  | 1  | 0 | 1                             | 0 |  |
| State Senate District 45              | Korey Williams         | 103                | 84 | 19 | 0 | 19                            | 0 |  |
| 0800 Emergency                        |                        |                    |    |    |   |                               |   |  |
| State Senate District 45<br>found     | Chauncey N Barnwell    | 0                  | 0  | 0  | 0 | * No Audit Data expected or   |   |  |
| State Senate District 45<br>found     | William Bowman Jr      | 0                  | 0  | 0  | 0 | * No Audit Data expected or   |   |  |

Hampton Vote Audit

|                  |                    |                        |   |   |   |   |                             |
|------------------|--------------------|------------------------|---|---|---|---|-----------------------------|
| State found      | Senate District 45 | Sheree Darien          | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | Kent D Fletcher        | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | Libbie Henry Green     | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | Kenneth F Hodges       | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | R Keith Horton         | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | Margie Bright Matthews | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | Richmond Truesdale     | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | John Edward Washington | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | Korey Williams         | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| 0850 State found | Senate District 45 | Chauncey N Barnwell    | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | William Bowman Jr      | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | Sheree Darien          | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | Kent D Fletcher        | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | Libbie Henry Green     | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | Kenneth F Hodges       | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | R Keith Horton         | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | Margie Bright Matthews | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | Richmond Truesdale     | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | John Edward Washington | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State            | Senate District 45 | Korey Williams         | 1 | 0 | 1 | 0 | 1 0                         |
| 0900 State found | Senate District 45 | Chauncey N Barnwell    | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State found      | Senate District 45 | William Bowman Jr      | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| State            | Senate District 45 | Sheree Darien          | 0 | 0 | 0 | 0 | * No Audit Data expected or |

Hampton Vote Audit

|                                   |                    |                        |   |   |   |   |                             |
|-----------------------------------|--------------------|------------------------|---|---|---|---|-----------------------------|
| found                             |                    |                        |   |   |   |   |                             |
| State                             | Senate District 45 | Kent D Fletcher        | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| found                             |                    |                        |   |   |   |   |                             |
| State                             | Senate District 45 | Libbie Henry Green     | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| found                             |                    |                        |   |   |   |   |                             |
| State                             | Senate District 45 | Kenneth F Hodges       | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| found                             |                    |                        |   |   |   |   |                             |
| State                             | Senate District 45 | R Keith Horton         | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| found                             |                    |                        |   |   |   |   |                             |
| State                             | Senate District 45 | Margie Bright Matthews | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| found                             |                    |                        |   |   |   |   |                             |
| State                             | Senate District 45 | Richmond Truesdale     | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| found                             |                    |                        |   |   |   |   |                             |
| State                             | Senate District 45 | John Edward Washington | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| found                             |                    |                        |   |   |   |   |                             |
| State                             | Senate District 45 | Korey Williams         | 0 | 0 | 0 | 0 | * No Audit Data expected or |
| found                             |                    |                        |   |   |   |   |                             |
| There was no unmatched audit data |                    |                        |   |   |   |   |                             |

How to read this report.

This is the vote level report. It compares the number of votes cast for each candidate in the tabulation report with the number of ballots cast in the audit data for each candidates in each precinct.

The tabulated values as read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. In the EL30A report all Write-in votes are added together and reported as one candidate name - Write-in. The EL30A does not report individual Write-in candidates.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into a master audit file, the EL155 Vote image log.

The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine

#### Hampton Vote Audit

Counting the number of times a candidate name for a contest appears in a precinct we get the number of votes cast in that precinct for that candidate. That number should always match the number of votes cast for that candidate in that contest in the iVo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total votes does not match the EL30A iVo value one of two things will occur. The first is if the iVotronic tabulated is zero and the Total tabulated votes match the tabulated Optical votes the following comment is made in the Audit side of the report; All votes cast for this candidate in this precinct are optical No Audit Data for optical, or secondly, if the iVotronic total is not zero, a notation indicating which data Audit data In the event a candidate or the combined Write-in candidates did not receive any votes in a precinct the EL30A will report a zero vote count. If there are no votes for this candidate in a precinct in the audit data, the following comment will be placed into the audit report by the auditing software; No Audit Data expected or found.

Finally the audit software will search the audit data for any votes that were not found on the EL30A report. If it finds some, it will report those vote totals by contest, candidate name and precinct. if it does not find any unmatched audit data it will report; There was no unmatched audit data

Hampton EL30A45A Compare

Hampton EL30A45A Comparison Report  
 Election: Senate 45 Special Democratic Primary  
 Audit Date: 11:41:59, Thu Sep 3, 2015

| Office                   | Candidate              | Party | EL30A |     |     |       | EL45A |     |     |       | Delta |
|--------------------------|------------------------|-------|-------|-----|-----|-------|-------|-----|-----|-------|-------|
|                          |                        |       | Tot   | Opt | iVo | Flash | Tot   | Opt | iVo | Flash |       |
| State Senate District 45 | Chauncey N Barnwell    |       | 9     | 1   | 8   | 0     | 9     | 1   | 8   | 0     | 0     |
| State Senate District 45 | William Bowman Jr      |       | 27    | 0   | 27  | 0     | 27    | 0   | 27  | 0     | 0     |
| State Senate District 45 | Sheree Darien          |       | 19    | 0   | 19  | 0     | 19    | 0   | 19  | 0     | 0     |
| State Senate District 45 | Kent D Fletcher        |       | 23    | 0   | 23  | 0     | 23    | 0   | 23  | 0     | 0     |
| State Senate District 45 | Libbie Henry Green     |       | 26    | 2   | 24  | 0     | 26    | 2   | 24  | 0     | 0     |
| State Senate District 45 | Kenneth F Hodges       |       | 218   | 20  | 198 | 0     | 218   | 20  | 198 | 0     | 0     |
| State Senate District 45 | R Keith Horton         |       | 31    | 0   | 31  | 0     | 31    | 0   | 31  | 0     | 0     |
| State Senate District 45 | Margie Bright Matthews |       | 451   | 67  | 384 | 0     | 451   | 67  | 384 | 0     | 0     |
| State Senate District 45 | Richmond Truesdale     |       | 1     | 0   | 1   | 0     | 1     | 0   | 1   | 0     | 0     |
| State Senate District 45 | John Edward Washington |       | 16    | 1   | 15  | 0     | 16    | 1   | 15  | 0     | 0     |
| State Senate District 45 | Korey Williams         |       | 563   | 84  | 479 | 0     | 563   | 84  | 479 | 0     | 0     |

How to read this report.

This is EL30A EL45A Crosscheck Report. It sums each candidates vote totals in each precinct in the EL30A Precinct Detail Report and compares it to the EL45A Election Summary Report that contains the tabulated total for each candidate in the county.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. The total lines are the calculated sums of the individual precince line values.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

#### Hampton EL30A45A Compare

The values read from the EL45A report are reported in same four categories; Total, Optical (Opt), iVotronic (iVo) and Flash as the EL30A. Like the EL30A they are parsed from the actual EL45A report. The summary candidate totals are compared against the calculated sums for each candidate from, the EL30A report. Each of the values in each line on the EL30A side must match the same value on the EL45A side and the Delta value must be zero.

Hampton PEBExceptionsReport

Hampton PEB Exceptions Report  
 Election: Senate 45 Special Democratic Primary  
 Election date: 09/01/2015  
 Audit Date: 11:41:18, Thu Sep 3, 2015

| iVo #   | Op PEB | Open Time           | Cl PEB | Close Time          | Exception Type | Precinct - Ballots Cast |
|---------|--------|---------------------|--------|---------------------|----------------|-------------------------|
| 5116932 | 177451 | 09/01/2015 07:01:56 | 177451 | 09/01/2015 19:05:54 | Open Time      | Varnville - 69          |
| 5119843 | 177451 | 09/01/2015 07:09:09 | 177451 | 09/01/2015 19:08:44 | Open Time      | Varnville - 12          |
| 5123190 | 177451 | 09/01/2015 07:15:16 | 177451 | 09/01/2015 19:11:18 | Open Time      | Varnville - 10          |
| 5123448 | 144582 | 08/04/2015 09:47:51 | 144582 | 09/01/2015 19:08:03 | >>Open Date<<  | Absentee - 20           |
| 5123448 | 144582 | 08/04/2015 09:47:51 | 144582 | 09/01/2015 19:08:03 | Open Time      | Absentee - 20           |
| 5125245 | 177451 | 09/01/2015 07:31:48 | 177451 | 09/01/2015 19:07:22 | Open Time      | Varnville - 26          |
| 5125447 | 158749 | 09/01/2015 07:01:06 | 158749 | 09/01/2015 19:07:16 | Open Time      | Garnett - 12            |
| 5127351 | 144582 | 08/04/2015 09:46:35 | 144582 | 09/01/2015 19:12:15 | >>Open Date<<  | Absentee - 29           |
| 5127351 | 144582 | 08/04/2015 09:46:35 | 144582 | 09/01/2015 19:12:15 | Open Time      | Fail safe - 1           |
| 5127351 | 144582 | 08/04/2015 09:46:35 | 144582 | 09/01/2015 19:12:15 | Open Time      | Absentee - 29           |
| 5127351 | 144582 | 08/04/2015 09:46:35 | 144582 | 09/01/2015 19:12:15 | Open Time      | Fail safe - 1           |
| 5127954 | 165289 | 09/01/2015 07:00:25 | 165289 | 09/01/2015 19:01:48 | Open Time      | >>>No Ballots<<<        |
| 5128558 | 165289 | 09/01/2015 07:02:22 | 165289 | 09/01/2015 19:03:45 | Open Time      | >>>No Ballots<<<        |
| 5129864 | 177451 | 09/01/2015 07:12:25 | 177451 | 09/01/2015 19:10:35 | Open Time      | Varnville - 9           |

The following machines(s) have audit records but no ballots were cast on them: 5127954, 5128558  
 Because they do not have ballots cast, they cannot be matched to a precinct.

How to read this report.

This is the PEB Exceptions Report. It checks for the following conditions in the iVotronic Event Log;

- 1: A machine that was opened and closed by different PEBs
- 2: A Machine that was not opened on Election Date - could be either an absentee or test machine
- 3: A Machine that was not closed on Election Date - could have had problem closing
- 4: A Machine that was not opened by 7 am - note most Absentee machines will show up here
- 5: A Machine that was closed before 7pm - polls close at 7 PM
- 6: A Machine that was not closed ever.
- 7: A machine that has no ballots cast on it.

Each of the events above detected are reported on a separate line, each line contains the following information:  
 iVotronic machine number, Opening PEB Number, Open Time, Closing PEB Number, Closing Time, the Exception Type and the Precinct and the Ballots Cast on that machine.

Absentee and Fail safe precinct machines are opened during the middle of the day several days before the election date of 09/01/2015. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.

Hampton PEB Use Report  
 Election: Senate 45 Special Democratic Primary  
 Audit Date: 11:41:18, Thu Sep 3, 2015

| Precinct     | PEBs Used | Comments |
|--------------|-----------|----------|
| Varnville    | 177451    |          |
| Early Branch | 165291    |          |
| Garnett      | 158749    |          |
| Estill       | 165287    |          |
| Bonnett      | 187519    |          |
| Furman       | 187559    |          |
| Scotia       | 165296    |          |
| Yemassee     | 165292    |          |
| Horse Gal    | 145422    |          |
| Hopewell     | 165305    |          |
| Cummings     | 165299    |          |
| Black Creek  | 229373    |          |
| Gifford      | 144791    |          |
| Absentee     | 144582    |          |
| Fail safe    | 144582    |          |

15 precincts processed

The following precinct(s) have no ballots cast in them: Hampton NO. 1, Emergency, Provisional  
 Note: if there are no ballots cast in a precinct the machines in that precinct cannot be identified so these precinct(s) will not appear in this report.

How to read this report.

This is the PEB Used report. It lists the precincts found in the Audit data and lists all the PEBs that were used by the poll workers to open and close the iVotronic machines in that precinct.

If more than one PEB is used to open and close all the iVotronic machines in a precinct, then the County Election Commission must read ALL the PEBs used in that precinct to assure that they have collected all the ballots from that precinct. A county whose report shows a precinct that has machines open or closed by more than one PEB should double check the Ballot Audit Report against the iVotronic paper tapes and the Poll Book to make sure that all the ballots have been collected and tabulated.



# Audit File Descriptions

The audit file package for each election contains six files that are created by the Election Management System, Unity, which is used for elections in South Carolina. These files are used by the audit process created by the South Carolina Election Commission. Each of these text files can be read by any text editor.

The six files are the; EL45A Election Report, EL30A Precinct Report, EL155 Vote Image Log, EL152 Event Log, EL68A System Log and EL68 Manual Entry Log.

## **EL45A Election Report**

The EL45A Election Report is the summary report and shows the grand totals for each contest in the election for the entire county.

### Report Header

|             |                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------|
| First line  | Indicates the report is a summary, the county, and status of results (unofficial or official) |
| Second line | Name of election                                                                              |
| Third line  | Date of election                                                                              |
| Fourth line | Date and time the report was created, name of the report and page number                      |
| Fifth line  | Column titles                                                                                 |

The Optical Scan column contains the votes that were cast on paper ballots, the iVotronic column contains the votes that were cast on voting machines, and Flash Data column contains the votes that had to be recovered from the audit data contained on the Flash Cards. This last column will normally be empty as the need to use flash data to count the votes occurs only in very rare situations.

# Audit File Descriptions

SUMMARY REPT-GROUP DETAIL

Richland County  
Municipal/Referendum Election  
November 05, 2013

Official Results

Run Date:11/12/13 10:16 AM

Report EL45A Page 001

TOTAL VOTES      %      Optical Scan      iVotronic      Flash Data

The next section is the election summary...

|                                      |         |       |     |        |   |
|--------------------------------------|---------|-------|-----|--------|---|
| PRECINCTS COUNTED (OF 130) . . . . . | 128     | 98.46 |     |        |   |
| REGISTERED VOTERS - TOTAL . . . . .  | 247,171 |       |     |        |   |
| BALLOTS CAST - TOTAL . . . . .       | 30,787  |       | 610 | 30,177 | 0 |
| VOTER TURNOUT - TOTAL . . . . .      |         | 12.46 |     |        |   |

And the body of the report contains the county wide results of the election...

Mayor of Columbia

Vote for up to 1

|                         |        |       |     |        |   |
|-------------------------|--------|-------|-----|--------|---|
| Moe Baddourah . . . . . | 5,594  | 34.49 | 184 | 5,410  | 0 |
| Steve Benjamin. . . . . | 10,402 | 64.13 | 187 | 10,215 | 0 |
| Larry A Sypolt. . . . . | 167    | 1.03  | 15  | 152    | 0 |
| Write-In. . . . .       | 57     | .35   | 1   | 56     | 0 |
| Total . . . . .         | 16,220 |       | 387 | 15,833 | 0 |

Columbia City Council At Large

Vote for up to 1

|                               |        |       |     |        |   |
|-------------------------------|--------|-------|-----|--------|---|
| Tommy Burkett . . . . .       | 5,400  | 34.73 | 168 | 5,232  | 0 |
| Tameika Isaac Devine. . . . . | 10,068 | 64.75 | 207 | 9,861  | 0 |
| Write-In. . . . .             | 81     | .52   | 3   | 78     | 0 |
| Total . . . . .               | 15,549 |       | 378 | 15,171 | 0 |

Columbia City Council Dist. 1

Vote for up to 1

|                            |       |       |    |       |   |
|----------------------------|-------|-------|----|-------|---|
| Sam Davis . . . . .        | 2,431 | 69.80 | 41 | 2,390 | 0 |
| Bruce A Trezevant. . . . . | 1,041 | 29.89 | 28 | 1,013 | 0 |
| Write-In. . . . .          | 11    | .32   | 0  | 11    | 0 |
| Total . . . . .            | 3,483 |       | 69 | 3,414 | 0 |

Columbia City Council Dist. 4

Vote for up to 1



# Audit File Descriptions

|                         |       |       |     |       |   |
|-------------------------|-------|-------|-----|-------|---|
| Leona K Plough. . . . . | 2,692 | 68.48 | 80  | 2,612 | 0 |
| Todd Walter. . . . .    | 1,226 | 31.19 | 30  | 1,196 | 0 |
| Write-In. . . . .       | 13    | .33   | 0   | 13    | 0 |
| Total . . . . .         | 3,931 |       | 110 | 3,821 | 0 |

## The EL30A Election Report

The EL30A Election Report is the precinct report. It is similar to the EL45A report but it shows the totals in each precinct for each contest that was included in that precinct. These contests can vary from precinct to precinct depending on the location of the district lines in the county. It is possible that a precinct may include two or more seats in a contest but each voter in that precinct can vote for a candidate for only one district.

### Report Header

|             |                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------|
| First line  | Indicates the report is a summary, the county, and status of results (unofficial or official) |
| Second line | Name of election                                                                              |
| Third line  | Date of election                                                                              |
| Fourth line | Date and time the report was created, name of the report and page number                      |
| Fifth line  | Column titles                                                                                 |

The Optical Scan column contains the votes that were cast on paper ballots, the iVotronic column contains the votes that were cast on voting machines, and Flash Data column contains the votes that had to be recovered from the audit data contained on the Flash Cards. This last column will normally be empty as the need to use flash data to count the votes occurs only in very rare situations.



# Audit File Descriptions

PREC REPORT-GROUP DETAIL

Richland County  
Municipal/Referendum Election  
November 05, 2013

Unofficial Results

Run Date:11/12/13 10:16 AM

Report EL30A Page 0101-01

0101 Ward 1

| TOTAL VOTES | % | Optical Scan | iVotronic | Flash Data |
|-------------|---|--------------|-----------|------------|
|-------------|---|--------------|-----------|------------|

The next section is the precinct summary...

|                                     |       |       |   |     |
|-------------------------------------|-------|-------|---|-----|
| REGISTERED VOTERS - TOTAL . . . . . | 1,852 |       |   |     |
| BALLOTS CAST - TOTAL . . . . .      | 231   |       | 0 | 231 |
| VOTER TURNOUT - TOTAL . . . . .     |       | 12.47 |   |     |

And the body of the report contains the precinct wide results of the election...

Mayor of Columbia

Vote for up to 1

|                         |     |       |   |     |   |
|-------------------------|-----|-------|---|-----|---|
| Moe Baddourah . . . . . | 71  | 31.28 | 0 | 71  | 0 |
| Steve Benjamin. . . . . | 152 | 66.96 | 0 | 152 | 0 |
| Larry A Sypolt. . . . . | 0   |       | 0 | 0   | 0 |
| Write-In. . . . .       | 4   | 1.76  | 0 | 4   | 0 |
| Total . . . . .         | 227 |       | 0 | 227 | 0 |

Columbia City Council At Large

Vote for up to 1

|                               |     |       |   |     |   |
|-------------------------------|-----|-------|---|-----|---|
| Tommy Burkett . . . . .       | 73  | 33.18 | 0 | 73  | 0 |
| Tameika Isaac Devine. . . . . | 144 | 65.45 | 0 | 144 | 0 |
| Write-In. . . . .             | 3   | 1.36  | 0 | 3   | 0 |
| Total . . . . .               | 220 |       | 0 | 220 | 0 |

COUNTY REFERENDUM

Vote for up to 1

|                                        |     |       |   |     |   |
|----------------------------------------|-----|-------|---|-----|---|
| Yes, in favor of the question. . . . . | 156 | 68.72 | 0 | 156 | 0 |
| No, opposed to the question . . . . .  | 71  | 31.28 | 0 | 71  | 0 |
| Total . . . . .                        | 227 |       | 0 | 227 | 0 |

# Audit File Descriptions

Followed by the next precinct...

PREC REPORT-GROUP DETAIL

Richland County  
Municipal/Referendum Election  
November 05, 2013

Unofficial Results

Run Date:11/12/13 10:16 AM

Report EL30A Page 0102-01

0102 Ward 2

|                                     | TOTAL VOTES | %     | Optical Scan | iVotronic | Flash Data |
|-------------------------------------|-------------|-------|--------------|-----------|------------|
| REGISTERED VOTERS - TOTAL . . . . . | 943         |       |              |           |            |
| BALLOTS CAST - TOTAL. . . . .       | 111         |       | 0            | 111       | 0          |
| VOTER TURNOUT - TOTAL . . . . .     |             | 11.77 |              |           |            |

Mayor of Columbia

| Vote for up to 1        |     |       |   |     |   |
|-------------------------|-----|-------|---|-----|---|
| Moe Baddourah . . . . . | 9   | 8.18  | 0 | 9   | 0 |
| Steve Benjamin. . . . . | 98  | 89.09 | 0 | 98  | 0 |
| Larry A Sypolt. . . . . | 2   | 1.82  | 0 | 2   | 0 |
| Write-In. . . . .       | 1   | .91   | 0 | 1   | 0 |
| Total . . . . .         | 110 |       | 0 | 110 | 0 |

Columbia City Council At Large

| Vote for up to 1              |     |       |   |     |   |
|-------------------------------|-----|-------|---|-----|---|
| Tommy Burkett . . . . .       | 17  | 15.89 | 0 | 17  | 0 |
| Tameika Isaac Devine. . . . . | 88  | 82.24 | 0 | 88  | 0 |
| Write-In. . . . .             | 2   | 1.87  | 0 | 2   | 0 |
| Total . . . . .               | 107 |       | 0 | 107 | 0 |

COUNTY REFERENDUM

| Vote for up to 1                       |    |       |   |    |   |
|----------------------------------------|----|-------|---|----|---|
| Yes, in favor of the question. . . . . | 71 | 72.45 | 0 | 71 | 0 |
| No, opposed to the question . . . . .  | 27 | 27.55 | 0 | 27 | 0 |
| Total . . . . .                        | 98 |       | 0 | 98 | 0 |

Each precinct is reported separately.

# Audit File Descriptions

The last precincts in the election contain the “Virtual Precincts”: Absentee, Emergency, Failsafe, Provisional and Failsafe / Provisional. When for some reason a voter cannot cast his or her ballot on a voting machine in the precinct to which a voter is assigned, that vote is cast in one of these precincts. Examples of reasons a vote must be cast in a virtual include absentee voting and cases when a voter’s right to vote has been challenged in their assigned precinct.

Municipal/Referendum Election  
November 05, 2013

Run Date:11/12/13 10:16 AM

Report EL30A Page 0750-01

0750 Absentee

|                                     | TOTAL VOTES | % | Optical Scan | iVotronic | Flash Data |
|-------------------------------------|-------------|---|--------------|-----------|------------|
| REGISTERED VOTERS - TOTAL . . . . . | 0           |   |              |           |            |
| BALLOTS CAST - TOTAL. . . . .       | 2,449       |   | 586          | 1,863     | 0          |

Mayor of Columbia

Vote for up to 1

|                         |       |       |     |     |   |
|-------------------------|-------|-------|-----|-----|---|
| Moe Baddourah . . . . . | 396   | 31.81 | 176 | 220 | 0 |
| Steve Benjamin. . . . . | 823   | 66.10 | 178 | 645 | 0 |
| Larry A Sypolt. . . . . | 25    | 2.01  | 15  | 10  | 0 |
| Write-In. . . . .       | 1     | .08   | 1   | 0   | 0 |
| Total . . . . .         | 1,245 |       | 370 | 875 | 0 |

Columbia City Council At Large

Vote for up to 1

|                               |       |       |     |     |   |
|-------------------------------|-------|-------|-----|-----|---|
| Tommy Burkett . . . . .       | 391   | 32.86 | 159 | 232 | 0 |
| Tameika Isaac Devine. . . . . | 794   | 66.72 | 201 | 593 | 0 |
| Write-In. . . . .             | 5     | .42   | 2   | 3   | 0 |
| Total . . . . .               | 1,190 |       | 362 | 828 | 0 |

Columbia City Council Dist. 1

Vote for up to 1

|                            |     |       |    |     |   |
|----------------------------|-----|-------|----|-----|---|
| Sam Davis . . . . .        | 175 | 64.34 | 41 | 134 | 0 |
| Bruce A Trezevant. . . . . | 95  | 34.93 | 28 | 67  | 0 |
| Write-In. . . . .          | 2   | .74   | 0  | 2   | 0 |
| Total . . . . .            | 272 |       | 69 | 203 | 0 |

Columbia City Council Dist. 4

Vote for up to 1

|                         |     |       |    |    |   |
|-------------------------|-----|-------|----|----|---|
| Leona K Plough. . . . . | 173 | 70.61 | 79 | 94 | 0 |
|-------------------------|-----|-------|----|----|---|



# Audit File Descriptions

|                      |     |       |     |     |   |
|----------------------|-----|-------|-----|-----|---|
| Todd Walter. . . . . | 71  | 28.98 | 28  | 43  | 0 |
| Write-In. . . . .    | 1   | .41   | 0   | 1   | 0 |
| Total . . . . .      | 245 |       | 107 | 138 | 0 |

PREC REPORT-GROUP DETAIL

Richland County  
Municipal/Referendum Election  
November 05, 2013

Unofficial Results

Run Date:11/12/13 10:16 AM

Report EL30A Page 0750-02

0750 Absentee

| TOTAL VOTES | % | Optical Scan | iVotronic | Flash Data |
|-------------|---|--------------|-----------|------------|
|-------------|---|--------------|-----------|------------|

COUNTY REFERENDUM

Vote for up to 1

|                                        |       |       |     |       |   |
|----------------------------------------|-------|-------|-----|-------|---|
| Yes, in favor of the question. . . . . | 1,715 | 71.73 | 301 | 1,414 | 0 |
| No, opposed to the question . . . . .  | 676   | 28.27 | 257 | 419   | 0 |
| Total . . . . .                        | 2,391 |       | 558 | 1,833 | 0 |

The Emergency, Failsafe, Provisional and Failsafe / Provisional precinct reports are identical to the Absentee Report shown above.

## The EL68A System Log

The EL68A System Log is a record of every event that occurred in the Election Management System (Unity) from the time that the election database was loaded prior to the election until the time the report was run.

### Report Header

|             |                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------|
| First line  | Indicates the report is a summary, the county, and status of results (unofficial or official) |
| Second line | Name of election                                                                              |
| Third line  | Date of election                                                                              |
| Fourth line | Date and time the report was created, name of the report and page number                      |
| Fifth line  | Column titles                                                                                 |



# Audit File Descriptions

The User column is always blank and Counted Information applies only to certain events or operations contained in the log.

The first entry will always be the date and time that the database was created (loaded on to the Unity machine).

```

SYSTEM LOG LISTING                               Richland County
                                                Municipal/Referendum Election
                                                November 05, 2013
RUN DATE:11/12/13 10:17 AM                               ELECTION ID: 40110513
USER DATE    TIME      SYSTEM ACTION OR ERROR INFORMATION          COUNTED INFORMATION
09-26  10:07 am  DATABASE CREATED
  
```

Here is an example where counted information is included in an event.

```

11-05  07:42 pm                PRC 0750 PACK RECEIVED VTR (BALS=309 TOT=309)
11-05  07:42 pm                PRC 0850 PACK RECEIVED VTR
  
```

The auditor will refer to this log if an exception to the audit is detected by the automatic audit process or a “deeper dive” into the events of an election is required for any reason. It is not part of the automated audit process.

## The EL68 Manual Entry Log

The EL68 Manual Entry Log is a record of every manual entry that occurred in the Election Management System (Unity) from the time that the election database was loaded prior to the election until the time the report was run.

### Report Header

|             |                                                                       |
|-------------|-----------------------------------------------------------------------|
| First line  | Indicates the report is the Manual Changes Log Listing and the county |
| Second line | Name of election                                                      |
| Third line  | Date of election                                                      |
| Fourth line | Date and time the report was created and the election ID              |
| Fifth line  | Column titles                                                         |



# Audit File Descriptions

The Election ID contains eight characters and is NORMALLY the county number and the date of the election in the form of mmddyy.

The User column is always blank, the GRP column indicates the Report Group in which the change was made if applicable. Group 3 is the Optical group, group 4 is the voting machine group.

|                            |           |                     |       |          |     |     |       |                       |  |
|----------------------------|-----------|---------------------|-------|----------|-----|-----|-------|-----------------------|--|
| MANUAL CHANGES LOG LISTING |           | Sample County       |       |          |     |     |       |                       |  |
|                            |           | Sample Election     |       |          |     |     |       |                       |  |
|                            |           | Samplemonth 1, 2013 |       |          |     |     |       |                       |  |
| RUN DATE:11/12/13 10:17 AM |           |                     |       |          |     |     |       | ELECTION ID: 40110513 |  |
| PRECINCT                   | CANDIDATE | USER                | DATE  | TIME     | GRP | OLD | NEW   |                       |  |
| 0101 Precinct 1            | VOTERS    |                     | 11-05 | 04:21 pm |     | 0   | 1,852 |                       |  |
| 0102 Precinct 2            |           |                     | 11-05 | 04:21 pm |     | 0   | 943   |                       |  |
| 0103 Precinct 3            |           |                     | 11-05 | 04:21 pm |     | 0   | 1,476 |                       |  |

If the candidate column contains the word "VOTERS" and the Old column contains a zero, this is a manual entry for the number of registered voters in the precinct. This is a normal entry performed on Election Day usually sometime between 9 AM and 7 PM. Note that in the example above the word "VOTERS" appears only in the first entry, the subsequent entries are all blank.

In the following example we can see that the same thing happens in the precinct column.

|               |                      |       |          |   |    |    |
|---------------|----------------------|-------|----------|---|----|----|
| 0750 Absentee | BALLOTS CAST - TOTAL | 04-08 | 10:13 am | 3 | 0  | 3  |
|               | Candidate A          | 04-06 | 01:04 pm | 4 | 0  | 1  |
|               |                      | 04-08 | 10:05 am | 3 | 0  | 1  |
|               |                      | 04-08 | 10:11 am | 4 | 1  | 0  |
|               | Candidate B          | 04-06 | 01:04 pm | 4 | 10 | 12 |
|               |                      | 04-08 | 10:05 am | 3 | 0  | 2  |
|               |                      | 04-08 | 10:08 am | 4 | 12 | 22 |
|               |                      | 04-08 | 10:11 am | 4 | 22 | 10 |

Care must be taken when evaluating a situation where the value was changed more than once. As you can see, manual entries were made for these candidates on 04/06 and 04/08.

On 04/06

- At 1:04 PM Candidate A group 3 (Optical) was set to 1
- And Candidate B group 4 (iVotronic) was changed from 10 to 12

# Audit File Descriptions

On 04/08

- At 10:05 AM Candidate A group 3 (Optical) was set to 1
- And Candidate B group 3 (Optical) was set to 2
- At 10:08 AM Candidate B Group 4 (iVotronic) 10 votes were manually added to the 12 that were there after the 04/06 manual entry
- At 10:11 AM Candidate B Group 4 (iVotronic) 12 votes were removed, returning the count to 10.
- At 10:13 AM The Total Ballots Cast in Group 3 (Optical) was set to 3.

A review of the EL68A System log indicates that there were 10 iVotronic ballots cast in the Absentee precinct that were electronically read in at 01:02 PM on 04/06. The audit confirmed that all 10 Absentee iVotronic ballots were cast for Johnson when checking the EL30A iVotronic total versus the EL155 Vote Image File.

The EL30A report for the Absentee precinct in this election is below.

|                                     |             |       |              |           |
|-------------------------------------|-------------|-------|--------------|-----------|
| 0750 Absentee                       |             |       |              |           |
|                                     | TOTAL VOTES | %     | Optical Scan | iVotronic |
| REGISTERED VOTERS - TOTAL . . . . . | 0           |       |              |           |
| BALLOTS CAST - TOTAL. . . . .       | 13          |       | 3            | 10        |
| State House of Rep. Dist 64         |             |       |              |           |
| Seat to Fill 1                      |             |       |              |           |
| Candidate A . . . . .               | 1           | 7.69  | 1            | 0         |
| Candidate B . . . . .               | 12          | 92.31 | 2            | 10        |
| Write-In. . . . .                   | 0           |       | 0            | 0         |
| Total . . . . .                     | 13          |       | 3            | 10        |

The above example is why the SEC Audit process automatically creates an exception when it detects that a manual entry was made. The auditor must perform a manual evaluation of the events and confirm that a mistake in the vote count was not made.

# Audit File Descriptions

## EL155 Vote Image Log

The EL155 Vote Image Log is a record of every ballot cast on the iVotronic voting machines in the county.

### Report Header

|             |                                                                                           |
|-------------|-------------------------------------------------------------------------------------------|
| First line  | Date and time the report was created the precinct number and name and the the Election ID |
| Second line | Column titles                                                                             |

The Election ID contains eight characters and is NORMALLY the county number and the date of the election in the form of mmddyy.

The VOTR. column contains the serial number of the iVotronic voting machine upon which the vote was cast, the B/I column contains the Ballot Index which indicates which ballot style that appears in the precinct was used to cast that ballot (Note: the ballot index can be different in each precinct for a ballot style that is common to the precincts.

There is a number before the candidate name that is used to indicate precinct totals for each candidate in the precinct footer at the bottom of the each precinct. In this case candidate 2 is Steve Benjamin who received 37 votes in this precinct and candidate 7 is Tamekia Isaac Devine who received 33 voted in this precinct.

The office that the candidate is seeking is placed in the final column in this report. There is no header for that column.

Note the asterisk (\*) in some of the records in this report. This indicates the first record in each ballot. So the ballot image for the first ballot shown in this report voted for Steve Benjamin, Tamekia Isaac Devine and Yes, in favor of the question put forward in the county resolution.

RUN DATE:11/12/13 10:16 AM

PRECINCT 850 - Failsafe

ELECTION ID: 40110513

VOTR. B/I CANDIDATES RECEIVING A VOTE

# Audit File Descriptions

|                             |            |            |                               |                                 |            |            |            |            |            |    |   |    |   |    |   |    |    |
|-----------------------------|------------|------------|-------------------------------|---------------------------------|------------|------------|------------|------------|------------|----|---|----|---|----|---|----|----|
| 5131060                     | 2 *        | 2          | Steve Benjamin                | MUNCOLU Mayor                   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2          | 7          | Tameika Isaac Devine          | MUNCOLU City Council At Large   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2          | 29         | Yes, in favor of the question | COUNTY REFERENDUM               |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2 *        | 2          | Steve Benjamin                | MUNCOLU Mayor                   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2          | 6          | Tommy Burkett                 | MUNCOLU City Council At Large   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2          | 29         | Yes, in favor of the question | COUNTY REFERENDUM               |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2 *        | 2          | Steve Benjamin                | MUNCOLU Mayor                   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2          | 7          | Tameika Isaac Devine          | MUNCOLU City Council At Large   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2          | 29         | Yes, in favor of the question | COUNTY REFERENDUM               |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2 *        | 1          | Moe Baddourah                 | MUNCOLU Mayor                   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2          | 6          | Tommy Burkett                 | MUNCOLU City Council At Large   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2          | 30         | No, opposed to the question   | COUNTY REFERENDUM               |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 4 *        | 29         | Yes, in favor of the question | COUNTY REFERENDUM               |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 3 *        | 2          | Steve Benjamin                | MUNCOLU Mayor                   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 3          | 7          | Tameika Isaac Devine          | MUNCOLU City Council At Large   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 3          | 10         | Sam Davis                     | CTYCO01 City Council District 1 |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 3          | 29         | Yes, in favor of the question | COUNTY REFERENDUM               |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 4 *        | 29         | Yes, in favor of the question | COUNTY REFERENDUM               |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 4 *        | 30         | No, opposed to the question   | COUNTY REFERENDUM               |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2 *        | 2          | Steve Benjamin                | MUNCOLU Mayor                   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2          | 7          | Tameika Isaac Devine          | MUNCOLU City Council At Large   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2          | 29         | Yes, in favor of the question | COUNTY REFERENDUM               |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 4 *        | 30         | No, opposed to the question   | COUNTY REFERENDUM               |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 3 *        | 2          | Steve Benjamin                | MUNCOLU Mayor                   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 3          | 7          | Tameika Isaac Devine          | MUNCOLU City Council At Large   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 3          | 10         | Sam Davis                     | CTYCO01 City Council District 1 |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 3          | 30         | No, opposed to the question   | COUNTY REFERENDUM               |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 5 *        | 2          | Steve Benjamin                | MUNCOLU Mayor                   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 5          | 7          | Tameika Isaac Devine          | MUNCOLU City Council At Large   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 5          | 14         | Leona K Plaugh                | CTYCO04 City Council District 4 |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 5          | 29         | Yes, in favor of the question | COUNTY REFERENDUM               |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2 *        | 2          | Steve Benjamin                | MUNCOLU Mayor                   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2          | 7          | Tameika Isaac Devine          | MUNCOLU City Council At Large   |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 2          | 29         | Yes, in favor of the question | COUNTY REFERENDUM               |            |            |            |            |            |    |   |    |   |    |   |    |    |
| 5131060                     | 4 *        | 29         | Yes, in favor of the question | COUNTY REFERENDUM               |            |            |            |            |            |    |   |    |   |    |   |    |    |
| ----- PRECINCT TOTALS ----- |            |            |                               |                                 |            |            |            |            |            |    |   |    |   |    |   |    |    |
| CAND VOTES                  | CAND VOTES | CAND VOTES | CAND VOTES                    | CAND VOTES                      | CAND VOTES | CAND VOTES | CAND VOTES | CAND VOTES | CAND VOTES |    |   |    |   |    |   |    |    |
| 1                           | 3          | 2          | 37                            | 6                               | 7          | 7          | 33         | 10         | 11         | 11 | 2 | 14 | 2 | 15 | 1 | 29 | 53 |
| 30                          | 13         |            |                               |                                 |            |            |            |            |            |    |   |    |   |    |   |    |    |

Although the precinct, voting machine and the votes cast on each ballot can be determined, the order in which the ballots are cast is randomly presented in this report so neither the time of day the ballot was cast nor the voter's identity can be discovered.

# Audit File Descriptions

## The EL152 Event Log

EL152 Event Log is a record of every event or operation that occurred on every iVotronic voting machine used in the election. Each machine is reported sequentially in ascending serial number order. Each event or operation on a machine is reported in chronological order.

### Report Header

|             |                                                                                       |
|-------------|---------------------------------------------------------------------------------------|
| First line  | Date and time the report was created the precinct number and name and the Election ID |
| Second line | Column titles                                                                         |

The Election ID contains eight characters and is NORMALLY the county number and the date of the election in the form of mmddyy.

The Votronic column contains the serial number of the iVotronic voting machine on which the event occurred, the PEB# column contains the serial number of the PEB (Personal Electronic Ballot, the device that is used to open a terminal session on the voting machine to perform an operation such as allowing a voter to cast his or her ballot), the Type column contains the type of PEB being used, normally SUP.

Date and time are read from an internal clock on each machine that can be set during the set up during the machine configuration prior to each election. If this operation is not performed or performed incorrectly during set up, the time and date will be incorrect.

RUN DATE:01/22/14 10:11 AM

ELECTION ID: 42012114

| Votronic | PEB#   | Type | Date       | Time     | Event                                      |
|----------|--------|------|------------|----------|--------------------------------------------|
| 5119365  | 138511 | SUP  | 01/24/2013 | 15:22:20 | 0000601 Zero terminal config data          |
|          |        | SUP  | 01/24/2013 | 15:22:21 | 0001607 Clear-n-test term flash successful |
|          |        | SUP  | 01/24/2013 | 15:22:25 | 0000116 Select: Configure Terminal         |
|          |        | SUP  | 01/24/2013 | 15:22:27 | 0000117 Select: Set Time and Date          |
|          |        | SUP  | 01/24/2013 | 15:27:27 | 0001656 Set terminal date and/or time      |

# Audit File Descriptions

|        |     |            |          |         |                                    |
|--------|-----|------------|----------|---------|------------------------------------|
|        | SUP | 01/24/2013 | 15:27:45 | 0000117 | Select: Set Time and Date          |
|        | SUP | 01/24/2013 | 15:27:45 | 0001656 | Set terminal date and/or time      |
|        | SUP | 01/24/2013 | 15:27:51 | 0001633 | Terminal shutdown                  |
|        | SUP | 01/13/2014 | 13:48:30 | 0001715 | Super PEB type - clear and test    |
|        | SUP | 01/13/2014 | 13:48:30 | 0001649 | Term - entered service menus       |
|        | SUP | 01/13/2014 | 13:48:33 | 0000114 | Select: Setup & Configuration Menu |
|        | SUP | 01/13/2014 | 13:48:33 | 0000300 | Start password procedure           |
|        | SUP | 01/13/2014 | 13:49:05 | 0000116 | Select: Configure Terminal         |
|        | SUP | 01/13/2014 | 13:49:08 | 0000117 | Select: Set Time and Date          |
|        | SUP | 01/13/2014 | 13:58:08 | 0001656 | Set terminal date and/or time      |
|        | SUP | 01/13/2014 | 13:58:14 | 0001633 | Terminal shutdown                  |
| 139391 | SUP | 01/21/2014 | 06:44:12 | 0002808 | Terminal - opening state           |
|        | SUP | 01/21/2014 | 06:44:48 | 0001303 | Transfer PEB vote data to terminal |
|        | SUP | 01/21/2014 | 06:44:53 | 0002804 | Terminal - blank state             |
|        | SUP | 01/21/2014 | 06:44:53 | 0002802 | Terminal - open state              |
|        | SUP | 01/21/2014 | 06:44:54 | 0002808 | Terminal - opening state           |
|        | SUP | 01/21/2014 | 06:44:54 | 0001319 | Update PEB's terminal record       |
|        | SUP | 01/21/2014 | 06:44:54 | 0001303 | Transfer PEB vote data to terminal |
|        | SUP | 01/21/2014 | 06:44:57 | 0001210 | Transfer terminal vote data to PEB |
|        | SUP | 01/21/2014 | 06:45:22 | 0001211 | Terminal votes to PEB successful   |
|        | SUP | 01/21/2014 | 06:45:30 | 0002802 | Terminal - open state              |
|        | SUP | 01/21/2014 | 06:45:30 | 0001672 | Terminal Opened                    |
|        | SUP | 01/21/2014 | 06:45:39 | 0001633 | Terminal shutdown                  |
| 138297 | SUP | 01/21/2014 | 07:05:52 | 0001510 | Vote cast by voter                 |
|        | SUP | 01/21/2014 | 07:07:22 | 0001510 | Vote cast by voter                 |
|        | SUP | 01/21/2014 | 07:42:19 | 0001721 | PEB pulled while getting PEB type  |
|        | SUP | 01/21/2014 | 07:42:19 | 0002405 | Failed to get PEB type             |
|        | SUP | 01/21/2014 | 07:42:19 | 0000706 | Failed to retrieve EQC from PEB    |
|        | SUP | 01/21/2014 | 07:42:19 | 0001635 | Terminal shutdown - IPS exit       |
|        | SUP | 01/21/2014 | 07:44:37 | 0001510 | Vote cast by voter                 |
| 151046 | SUP | 01/21/2014 | 07:48:47 | 0001510 | Vote cast by voter                 |
|        | SUP | 01/21/2014 | 08:14:40 | 0001510 | Vote cast by voter                 |
| 138297 | SUP | 01/21/2014 | 08:18:16 | 0001510 | Vote cast by voter                 |
|        | SUP | 01/21/2014 | 08:21:03 | 0001510 | Vote cast by voter                 |
| 151046 | SUP | 01/21/2014 | 08:22:45 | 0001510 | Vote cast by voter                 |
|        | SUP | 01/21/2014 | 08:26:54 | 0001510 | Vote cast by voter                 |
| 138297 | SUP | 01/21/2014 | 08:30:02 | 0001510 | Vote cast by voter                 |
| 0      | UNK | 01/21/2014 | 17:42:22 | 0001721 | PEB pulled while getting PEB type  |
|        | UNK | 01/21/2014 | 17:42:22 | 0002405 | Failed to get PEB type             |
|        | UNK | 01/21/2014 | 17:42:22 | 0002400 | PEB access failed                  |
|        | UNK | 01/21/2014 | 17:42:22 | 0002400 | PEB access failed                  |
|        | UNK | 01/21/2014 | 17:42:24 | 0002400 | PEB access failed                  |
|        | UNK | 01/21/2014 | 17:42:24 | 0000706 | Failed to retrieve EQC from PEB    |
| 138297 | SUP | 01/21/2014 | 18:17:34 | 0001510 | Vote cast by voter                 |
|        | SUP | 01/21/2014 | 18:21:39 | 0001510 | Vote cast by voter                 |
|        | SUP | 01/21/2014 | 18:32:15 | 0001510 | Vote cast by voter                 |

# Audit File Descriptions

```
151046 SUP 01/21/2014 18:45:32 0001510 Vote cast by voter
SUP 01/21/2014 18:49:22 0001510 Vote cast by voter
SUP 01/21/2014 18:54:53 0001510 Vote cast by voter
139391 SUP 01/21/2014 19:00:25 0002810 Terminal - time to close voting
SUP 01/21/2014 19:00:29 0001626 Close terminal
SUP 01/21/2014 19:00:29 0002809 Terminal - closing state
SUP 01/21/2014 19:00:29 0001221 Collect terminal vote data to PEB
SUP 01/21/2014 19:00:48 0001303 Transfer PEB vote data to terminal
SUP 01/21/2014 19:00:55 0001208 Merge terminal & PEB vote data
SUP 01/21/2014 19:00:57 0002802 Terminal - open state
SUP 01/21/2014 19:00:57 0002803 Terminal - closed state
SUP 01/21/2014 19:00:57 0002809 Terminal - closing state
SUP 01/21/2014 19:01:01 0001210 Transfer terminal vote data to PEB
SUP 01/21/2014 19:01:27 0001211 Terminal votes to PEB successful
SUP 01/21/2014 19:01:27 0001214 Transfer terminal writein data to PEB
SUP 01/21/2014 19:01:34 0001215 Terminal write-in data to PEB successful
SUP 01/21/2014 19:01:34 0001222 Terminal vote collection successful
SUP 01/21/2014 19:01:35 0002803 Terminal - closed state
SUP 01/21/2014 19:01:35 0001673 Terminal Closed
SUP 01/21/2014 19:01:43 0001401 Copy terminal flash audit data to CF
SUP 01/21/2014 19:01:43 0001400 Verify terminal flash audit data
SUP 01/21/2014 19:01:51 0001416 Copy audit data from TF 1 to CF
```

Each event has an event code and a description of the event. The log segment shown above shows a typical set of events or operations that occur on a single machine during an election. The first message is always “0000601 Zero terminal config data” and the last is always “0001416 Copy audit data from TF 1 to CF”.

Note: there are a couple of event sequences that are created by improper insertion of the PEB into the voting machine. Usually the PEB is pulled before it has a chance to handshake properly with the voting machine. Depending of the timing of that pulling, a sequence similar to the sequences below can be generated.

```
SUP 01/21/2014 12:37:46 0002400 PEB access failed
SUP 01/21/2014 12:37:46 0000706 Failed to retrieve EQC from PEB
SUP 01/21/2014 12:37:46 0001635 Terminal shutdown - IPS exit

SUP 01/21/2014 16:03:43 0001720 PEB pulled during PEB block verify
SUP 01/21/2014 16:03:43 0002210 PEB block CRC error
SUP 01/21/2014 16:03:43 0001302 Failed to get PEB vote header block
SUP 01/21/2014 16:03:44 0002400 PEB access failed
SUP 01/21/2014 16:03:44 0000706 Failed to retrieve EQC from PEB
```

# Audit File Descriptions

```
SUP 01/21/2014 16:03:45 0001635 Terminal shutdown - IPS exit
```

When this happens, the poll worker waits a few seconds and tries again, waiting longer after the insertion and the voting process continues normally. Despite the alarming message “Terminal shutdown - IPS exit” this is not a critical error. It is a message that states that the terminal session initiated by the insertion of the PEB has ended.