Lexington Ballot Audit Report
Election: State House Dist 93 Special Elecion

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0024	Swansea #1	73	0	73	0	73	0	0	0	
0025	Sandy Run	97	0	97	0	97	0	0	0	
0026	Gaston #1	42	0	42	0	42	0	0	0	
0038	Chalk Hill	104	0	104	0	104	0	0	0	
0075	Gaston #2	1	0	1	0	1	0	0	0	
0082	Swansea #2	1	0	1	0	1	0	0	0	
0091	Pineridge #2	2	0	2	0	2	0	0	0	
Precincts Total:		320	0	320	0	320	0	0	0	
0750	Absentee	13	3	10	0	10	0	3	0	
0800	Emergency	0	0	0	0	0	0	0	0	
0850	Failsafe	0	0	0	0	0	0	0	0	
0900	Provisional	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		13	3	10	0	10	0	3	0	
Grand Total:		333	3	330	0	330	0	3	0	

Total number of iVotronic ballots cast containg no votes: 6

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

Auditor's Comments:
        This audit is complete with one exception.

        The three Absentee optical ballots were scanned electronically but the results were manually entered into the
        Voting System rather than electronically entered via the standard process.

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

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+-------------------+------------------+---------------+
| EL30A Ivo Ballots |   EL155 Ballots  | EL152 Ballots |
+-------------------+------------------+---------------+
|               330 |              330 |           330 |
|    Delta from EL30A                0 |             0 |
|                   | Delta from EL155 |             0 |
+-------------------+------------------+---------------+
                    |     Cast By Voter |           330 |
                    | Cast By Poll Wkr  |             0 |
                    | Blank Cast by PW  |             0 |
                    +------------------+---------------+
                    | Cancelled Ballots|             7 |
                    +------------------+---------------+
                    |     Wrong Ballot  |             0 |
                    |     Voter Left AB |             0 |  (AB = After ballot selected by poll worker.)
                    |     Voter Left BB |             0 |  (BB = Before ballot selected by poll worker.)
```

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+------------------+---------------+
|    Voter Request |             4 |
|  Printer Problem |             0 |
| Terminal Problem |             0 |
|     Other Reason |             3 |
+------------------+---------------+
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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 precince 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.

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 Ocounting 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 electonically 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 highlited 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 nubmer ballots cast in the EL30A match the numbers in the EL155 and
the EL152 report. Then there are some statistics pulled from the EL152 repor 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.

Lexington Vote Level Audit Report
Election: State House Dist 93 Special Election

Precinct Number / Name Office	Candidate	Party	EL30A Total	Optical	iVo	Flash	Audit iVo	Delta	Comments
0024 Swansea #1									
State House of Rep District 93	Charles Charlie Stoudemire	(REP)	37	0	37	0	37	0	
State House of Rep District 93	Russell L Ott	(DEM)	35	0	35	0	35	0	
State House of Rep District 93	Write-In		0	0	0	0			* No Audit Data expected or found
0025 Sandy Run									
State House of Rep District 93	Charles Charlie Stoudemire	(REP)	62	0	62	0	62	0	
State House of Rep District 93	Russell L Ott	(DEM)	34	0	34	0	34	0	
State House of Rep District 93	Write-In		0	0	0	0			* No Audit Data expected or found
0026 Gaston #1									
State House of Rep District 93	Charles Charlie Stoudemire	(REP)	29	0	29	0	29	0	
State House of Rep District 93	Russell L Ott	(DEM)	12	0	12	0	12	0	
State House of Rep District 93	Write-In		0	0	0	0			* No Audit Data expected or found
0038 Chalk Hill									
State House of Rep District 93	Charles Charlie Stoudemire	(REP)	35	0	35	0	35	0	
State House of Rep District 93	Russell L Ott	(DEM)	67	0	67	0	67	0	
State House of Rep District 93	Write-In		0	0	0	0			* No Audit Data expected or found
0075 Gaston #2									
State House of Rep District 93	Charles Charlie Stoudemire	(REP)	1	0	1	0	1	0	
State House of Rep District 93	Russell L Ott	(DEM)	0	0	0	0			* No Audit Data expected or found
State House of Rep District 93	Write-In		0	0	0	0			* No Audit Data expected or found
0082 Swansea #2									
State House of Rep District 93	Charles Charlie Stoudemire	(REP)	0	0	0	0			* No Audit Data expected or found
State House of Rep District 93	Russell L Ott	(DEM)	0	0	0	0			* No Audit Data expected or found
State House of Rep District 93	Write-In		0	0	0	0			* No Audit Data expected or found
0091 Pineridge #2									
State House of Rep District 93	Charles Charlie Stoudemire	(REP)	0	0	0	0			* No Audit Data expected or found
State House of Rep District 93	Russell L Ott	(DEM)	2	0	2	0	2	0	
State House of Rep District 93	Write-In		0	0	0	0			* No Audit Data expected or found
0750 Absentee									
State House of Rep District 93	Charles Charlie Stoudemire	(REP)	4	0	4	0	4	0	
State House of Rep District 93	Russell L Ott	(DEM)	9	3	6	0	6	0	
State House of Rep District 93	Write-In		0	0	0	0			* No Audit Data expected or found
0800 Emergency									
State House of Rep District 93	Charles Charlie Stoudemire	(REP)	0	0	0	0			* No Audit Data expected or found
State House of Rep District 93	Russell L Ott	(DEM)	0	0	0	0			* No Audit Data expected or found
State House of Rep District 93	Write-In		0	0	0	0			* No Audit Data expected or found

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0850  Failsafe
State House of Rep District 93          Charles Charlie Stoudemire(REP)        0          0          0          0 * No Audit Data expected or found
State House of Rep District 93          Russell L Ott           (DEM)          0          0          0          0 * No Audit Data expected or found
State House of Rep District 93          Write-In                               0          0          0          0 * No Audit Data expected or found

0900  Provisional
State House of Rep District 93          Charles Charlie Stoudemire(REP)        0          0          0          0 * No Audit Data expected or found
State House of Rep District 93          Russell L Ott           (DEM)          0          0          0          0 * No Audit Data expected or found
State House of Rep District 93          Write-In                               0          0          0          0 * No Audit Data expected or found
There was no unmatched audit data
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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
Ocounting the number of times a candidate name for a contest appears in a precint we get the number of
votes cast in that precinct for that candidates. 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 electonically 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 precicnt 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.

Finaly 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

Lexington EL30A45A Comparison Report
Election: State House 93 Special Election

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
State House of Rep District 93	Charles Charlie Stoudemire(REP)		168	0	168	0	168	0	168	0	0
State House of Rep District 93	Russell L Ott	(DEM)	159	3	156	0	159	3	156	0	0
State House of Rep District 93	Write-In		0	0	0	0	0	0	0	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.

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.

Lexington PEB Use Report

Precinct	PEBs Used	Comments
Swansea #1	154462	
Sandy Run	139343	
Gaston #1	151309	
Chalk Hill	155236	
Gaston #2	186578	
Swansea #2	138272	
Pineridge #2	151221	
Absentee	150953	

8 precincts processed

How to read this report.

This is the PEB Used report. It lists the precints 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.

Lexington PEB Exceptions Report

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5119421	150953	09/16/2013 11:46:20	150953	10/29/2013 19:01:42	>>Open Date<<	Absentee - 10
5119421	150953	09/16/2013 11:46:20	150953	10/29/2013 19:01:42	Open Time	Absentee - 10
5120126	154925	10/29/2013 06:02:37	186578	10/29/2013 19:08:44	>>>O/C PEBs<<<	>>>No Ballots<<<
5124134	155236	10/29/2013 09:00:29	155236	10/29/2013 19:03:23	Open Time	Chalk Hill - 64
5128990	186578	10/29/2013 08:15:37	186578	10/29/2013 19:04:47	Open Time	Gaston #2 - 1

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.