Colleton Ballot Audit Report

Prec Nber	Precinct Name	EL30A Total	EL30A Opt	EL30A iVo	EL30A Flash	Audit iVo	Audit Opt	Audit Man	Audit Delta	Comments
0035	Edisto Beach	240	0	240	0	240	0	0	0	
Precincts Total:		240	0	240	0	240	0	0	0	
0750	Absentee	15	3	12	0	12	3	0	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	
0950	Failsafe Provisional	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		15	3	12	0	12	3	0	0	
Grand Total:		255	3	252	0	252	3	0	0	

Total number of iVotronic ballots cast containg no votes: 0

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

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

EL30A Ivo Ballots	EL155 Ballots	EL152 Ballots	
252	252	252	
Delta from EL30A	0	0	
	Delta from EL155	0	
	Cast By Voter	252	
	Cast By Poll Wkr	0	
	Blank Cast by PW	0	
	Cancelled Ballots	3	
	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.)
	Voter Request	0	
	Printer Problem	0	
	Terminal Problem	0	
	Other Reason	3	

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 0counting the number of asterisks in a precint 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.

Colleton Vote Level Audit Report

Precinct Number / Name Office	Candidate	Party	EL30A Total	EL30A Optical	EL30A iVo	EL30A Flash	Audit iVo	Audit Delta	Comments
0035 Edisto Beach									
REP - U.S. House of Representatives District 1	Keith Blandford		2	0	2	0	2	0	
REP - U.S. House of Representatives District 1	Curtis Bostic		16	0	16	0	16	0	
REP - U.S. House of Representatives District 1	Ric Bryant		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Larry Grooms		55	0	55	0	55	0	
REP - U.S. House of Representatives District 1	Jonathan Hoffman		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Jeff King		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	John Kuhn		14	0	14	0	14	0	
REP - U.S. House of Representatives District 1	Tim Larkin		1	0	1	0	1	0	
REP - U.S. House of Representatives District 1	Chip Limehouse		15	0	15	0	15	0	
REP - U.S. House of Representatives District 1	Peter McCoy		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Elizabeth Moffly		3	0	3	0	3	0	
REP - U.S. House of Representatives District 1	Ray Nash		1	0	1	0	1	0	
REP - U.S. House of Representatives District 1	Andy Patrick		1	0	1	0	1	0	
REP - U.S. House of Representatives District 1	Shawn Pinkston		2	0	2	0	2	0	
REP - U.S. House of Representatives District 1	Mark Sanford		85	0	85	0	85	0	
REP - U.S. House of Representatives District 1	Teddy Turner		21	0	21	0	21	0	
DEM - U.S. House of Representatives District 1	Elizabeth Colbert Busch		24	0	24	0	24	0	
DEM - U.S. House of Representatives District 1	Ben Frasier		0	0	0	0			* No Audit Data expected or found
0750 Absentee									
REP - U.S. House of Representatives District 1	Keith Blandford		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Curtis Bostic		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Ric Bryant		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Larry Grooms		2	0	2	0	2	0	
REP - U.S. House of Representatives District 1	Jonathan Hoffman		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Jeff King		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	John Kuhn		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Tim Larkin		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Chip Limehouse		1	0	1	0	1	0	
REP - U.S. House of Representatives District 1	Peter McCoy		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Elizabeth Moffly		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Ray Nash		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Andy Patrick		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Shawn Pinkston		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Mark Sanford		7	1	6	0	6	0	
REP - U.S. House of Representatives District 1	Teddy Turner		4	1	3	0	3	0	
DEM - U.S. House of Representatives District 1	Elizabeth Colbert Busch		1	1	0	0			* All votes cast for this candidate * in this precicnt are optical. * No Audit Data for optical.
DEM - U.S. House of Representatives District 1	Ben Frasier		0	0	0	0			* No Audit Data expected or found
0800 Emergency									
REP - U.S. House of Representatives District 1	Keith Blandford		0	0	0	0			* No Audit Data expected or found
REP - U.S. House of Representatives District 1	Curtis Bostic		0	0	0	0			* No Audit Data expected or found

REP - U.S. House of Representatives District 1	Ric Bryant	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Larry Grooms	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Jonathan Hoffman	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Jeff King	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	John Kuhn	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Tim Larkin	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Chip Limehouse	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Peter McCoy	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Elizabeth Moffly	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Ray Nash	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Andy Patrick	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Shawn Pinkston	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Mark Sanford	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Teddy Turner	0	0	0	0 * No Audit Data expected or found
DEM - U.S. House of Representatives District 1	Elizabeth Colbert Busch	0	0	0	0 * No Audit Data expected or found
DEM - U.S. House of Representatives District 1	Ben Frasier	0	0	0	0 * No Audit Data expected or found

0850 Failsafe

REP - U.S. House of Representatives District 1	Keith Blandford	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Curtis Bostic	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Ric Bryant	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Larry Grooms	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Jonathan Hoffman	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Jeff King	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	John Kuhn	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Tim Larkin	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Chip Limehouse	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Peter McCoy	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Elizabeth Moffly	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Ray Nash	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Andy Patrick	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Shawn Pinkston	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Mark Sanford	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Teddy Turner	0	0	0	0 * No Audit Data expected or found
DEM - U.S. House of Representatives District 1	Elizabeth Colbert Busch	0	0	0	0 * No Audit Data expected or found
DEM - U.S. House of Representatives District 1	Ben Frasier	0	0	0	0 * No Audit Data expected or found

0900 Provisional

REP - U.S. House of Representatives District 1	Keith Blandford	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Curtis Bostic	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Ric Bryant	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Larry Grooms	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Jonathan Hoffman	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Jeff King	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	John Kuhn	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Tim Larkin	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Chip Limehouse	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Peter McCoy	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Elizabeth Moffly	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Ray Nash	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Andy Patrick	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1	Shawn Pinkston	0	0	0	0 * No Audit Data expected or found

REP - U.S. House of Representatives District 1Mark Sanford	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Teddy Turner	0	0	0	0 * No Audit Data expected or found
DEM - U.S. House of Representatives District 1Elizabeth Colbert Busch	0	0	0	0 * No Audit Data expected or found
DEM - U.S. House of Representatives District 1Ben Frasier	0	0	0	0 * No Audit Data expected or found

0950 Failsafe Provisional

REP - U.S. House of Representatives District 1Keith Blandford	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Curtis Bostic	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Ric Bryant	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Larry Grooms	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Jonathan Hoffman	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Jeff King	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1John Kuhn	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Tim Larkin	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Chip Limehouse	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Peter McCoy	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Elizabeth Moffly	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Ray Nash	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Andy Patrick	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Shawn Pinkston	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Mark Sanford	0	0	0	0 * No Audit Data expected or found
REP - U.S. House of Representatives District 1Teddy Turner	0	0	0	0 * No Audit Data expected or found
DEM - U.S. House of Representatives District 1Elizabeth Colbert Busch	0	0	0	0 * No Audit Data expected or found
DEM - U.S. House of Representatives District 1Ben Frasier	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 0counting 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

Colleton EL30A45A Comparison Report

Office	Candidate	Party	EL30A Tot	EL30A Opt	EL30A iVo	EL30A Flash	EL45A Tot	EL45A Opt	EL45A iVo	EL45A Flash	Delta
U.S. House of Representatives District 1	Keith Blandford		2	0	2	0	2	0	2	0	0
U.S. House of Representatives District 1	Curtis Bostic		16	0	16	0	16	0	16	0	0
U.S. House of Representatives District 1	Ric Bryant		0	0	0	0	0	0	0	0	0
U.S. House of Representatives District 1	Larry Grooms		57	0	57	0	57	0	57	0	0
U.S. House of Representatives District 1	Jonathan Hoffman		0	0	0	0	0	0	0	0	0
U.S. House of Representatives District 1	Jeff King		0	0	0	0	0	0	0	0	0
U.S. House of Representatives District 1	John Kuhn		14	0	14	0	14	0	14	0	0
U.S. House of Representatives District 1	Tim Larkin		1	0	1	0	1	0	1	0	0
U.S. House of Representatives District 1	Chip Limehouse		16	0	16	0	16	0	16	0	0
U.S. House of Representatives District 1	Peter McCoy		0	0	0	0	0	0	0	0	0
U.S. House of Representatives District 1	Elizabeth Moffly		3	0	3	0	3	0	3	0	0
U.S. House of Representatives District 1	Ray Nash		1	0	1	0	1	0	1	0	0
U.S. House of Representatives District 1	Andy Patrick		1	0	1	0	1	0	1	0	0
U.S. House of Representatives District 1	Shawn Pinkston		2	0	2	0	2	0	2	0	0
U.S. House of Representatives District 1	Mark Sanford		92	1	91	0	92	1	91	0	0
U.S. House of Representatives District 1	Teddy Turner		25	1	24	0	25	1	24	0	0
U.S. House of Representatives District 1	Elizabeth Colbert Busch		25	1	24	0	25	1	24	0	0
U.S. House of Representatives District 1	Ben Frasier		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.

Colleton PEB Use Report

Precinct	PEBs Used	Comments
Edisto Beach	156035	
Absentee	156080	

2 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.

Colleton PEB Exceptions Report

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5120080	156080	02/19/2013 10:26:37	156080	03/19/2013 19:05:16	>>Open Date<<	Absentee - 2
5120080	156080	02/19/2013 10:26:37	156080	03/19/2013 19:05:16	Open Time	Absentee - 2
5131469	156080	02/19/2013 10:29:21	156080	03/19/2013 19:02:30	>>Open Date<<	Absentee - 10
5131469	156080	02/19/2013 10:29:21	156080	03/19/2013 19:02:30	Open Time	Absentee - 10

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.