

Marlboro Ballot Audit Report

Marlboro Ballot Audit Report  
 Election: Democratic PPP  
 Audit Date: 12:10:59, Thu Mar 3, 2016

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0001	Adamsville	39	0	39	0	39	0	0	0	
0002	Blenheim	41	0	41	0	41	0	0	0	
0003	Brightsville	106	0	106	0	106	0	0	0	
0004	Brownsville	23	0	23	0	23	0	0	0	
0005	Red Hill	92	0	92	0	92	0	0	0	
0006	Tatum	50	0	50	0	50	0	0	0	
0007	Wallace	107	0	107	0	107	0	0	0	
0008	Quicks X Roads	117	0	117	0	117	0	0	0	
0009	Clio	223	0	223	0	223	0	0	0	
0010	McColl	73	0	73	0	73	0	0	0	
0011	East McColl	47	0	47	0	47	0	0	0	
0012	E Bennettsville	150	0	150	0	150	0	0	0	
0013	W Bennettsville	183	0	183	0	183	0	0	0	
0014	S Bennettsville	117	0	117	0	117	0	0	0	
0015	N Bennettsville	217	0	217	0	217	0	0	0	
Precincts Total:		1585	0	1585	0	1585	0	0	0	
0750	Absentee	814	126	688	0	688	126	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	
0850	Failsafe	7	0	7	0	7	0	0	0	
0900	Provisional	6	6	0	0	0	6	0	0	
0950	Failsafe Provisional	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		827	132	695	0	695	132	0	0	
Grand Total:		2412	132	2280	0	2280	132	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: 10  
 The following precincts have no ballots cast in them: Emergency, Failsafe 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
2280	2280	2280
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	2280
	Cast By Poll Wkr	0
	Blank Cast by PW	0

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Cancelled Ballots	18
Wrong Ballot	4
Voter Left AB	0
Voter Left BB	0
Voter Request	6
Printer Problem	0
Terminal Problem	0
Other Reason	8

(AB = After ballot selected by poll worker.)  
 (BB = Before ballot selected by poll worker.)

Number of audio (ADA) events in this election: 0

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. 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,

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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.

Marlboro Vote Audit

Marlboro Vote Level Audit Report  
 Election: Democratic PPP  
 Audit Date: 12:11:11, Thu Mar 3, 2016

Precinct Number / Name Office	Candidate	Party	-----EL30A-----				-----Audit-----		Comments
			Total	Optical	iVo	Flash	iVo	Delta	
0001 Adamsville									
President District 7	Hillary Clinton		35	0	35	0	35	0	
President District 7	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 7	Bernie Sanders		4	0	4	0	4	0	
President District 7	Willie Wilson		0	0	0	0	* No Audit Data	expected or found	
0002 Blenheim									
President District 7	Hillary Clinton		33	0	33	0	33	0	
President District 7	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 7	Bernie Sanders		8	0	8	0	8	0	
President District 7	Willie Wilson		0	0	0	0	* No Audit Data	expected or found	
0003 Brightsville									
President District 7	Hillary Clinton		101	0	101	0	101	0	
President District 7	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 7	Bernie Sanders		5	0	5	0	5	0	
President District 7	Willie Wilson		0	0	0	0	* No Audit Data	expected or found	
0004 Brownsville									
President District 7	Hillary Clinton		19	0	19	0	19	0	
President District 7	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 7	Bernie Sanders		4	0	4	0	4	0	
President District 7	Willie Wilson		0	0	0	0	* No Audit Data	expected or found	
0005 Red Hill									
President District 7	Hillary Clinton		80	0	80	0	80	0	
President District 7	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 7	Bernie Sanders		12	0	12	0	12	0	
President District 7	Willie Wilson		0	0	0	0	* No Audit Data	expected or found	
0006 Tatum									
President District 7	Hillary Clinton		43	0	43	0	43	0	
President District 7	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 7	Bernie Sanders		6	0	6	0	6	0	
President District 7	Willie Wilson		0	0	0	0	* No Audit Data	expected or found	
0007 Wallace									
President District 7	Hillary Clinton		86	0	86	0	86	0	
President District 7	Martin O'Malley		1	0	1	0	1	0	
President District 7	Bernie Sanders		20	0	20	0	20	0	
President District 7	Willie Wilson		0	0	0	0	* No Audit Data	expected or found	
0008 Quicks X Roads									
President District 7	Hillary Clinton		103	0	103	0	103	0	

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President District 7	Martin O'Malley	2	0	2	0	2	0
President District 7	Bernie Sanders	12	0	12	0	12	0
President District 7	Willie Wilson	0	0	0	0	0	* No Audit Data expected or found
0009 Clio							
President District 7	Hillary Clinton	190	0	190	0	190	0
President District 7	Martin O'Malley	0	0	0	0	0	* No Audit Data expected or found
President District 7	Bernie Sanders	30	0	30	0	30	0
President District 7	Willie Wilson	0	0	0	0	0	* No Audit Data expected or found
0010 McColI							
President District 7	Hillary Clinton	64	0	64	0	64	0
President District 7	Martin O'Malley	1	0	1	0	1	0
President District 7	Bernie Sanders	7	0	7	0	7	0
President District 7	Willie Wilson	0	0	0	0	0	* No Audit Data expected or found
0011 East McColI							
President District 7	Hillary Clinton	35	0	35	0	35	0
President District 7	Martin O'Malley	1	0	1	0	1	0
President District 7	Bernie Sanders	10	0	10	0	10	0
President District 7	Willie Wilson	1	0	1	0	1	0
0012 E Bennettsville							
President District 7	Hillary Clinton	120	0	120	0	120	0
President District 7	Martin O'Malley	2	0	2	0	2	0
President District 7	Bernie Sanders	26	0	26	0	26	0
President District 7	Willie Wilson	0	0	0	0	0	* No Audit Data expected or found
0013 W Bennettsville							
President District 7	Hillary Clinton	171	0	171	0	171	0
President District 7	Martin O'Malley	0	0	0	0	0	* No Audit Data expected or found
President District 7	Bernie Sanders	12	0	12	0	12	0
President District 7	Willie Wilson	0	0	0	0	0	* No Audit Data expected or found
0014 S Bennettsville							
President District 7	Hillary Clinton	107	0	107	0	107	0
President District 7	Martin O'Malley	0	0	0	0	0	* No Audit Data expected or found
President District 7	Bernie Sanders	9	0	9	0	9	0
President District 7	Willie Wilson	1	0	1	0	1	0
0015 N Bennettsville							
President District 7	Hillary Clinton	189	0	189	0	189	0
President District 7	Martin O'Malley	0	0	0	0	0	* No Audit Data expected or found
President District 7	Bernie Sanders	27	0	27	0	27	0
President District 7	Willie Wilson	0	0	0	0	0	* No Audit Data expected or found
0750 Absentee							
President District 7	Hillary Clinton	749	116	633	0	633	0
President District 7	Martin O'Malley	1	1	0	0	0	* All votes cast for this candidate in this precinct are optical.
							* No Audit Data for optical.

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President District 7	Bernie Sanders	60	9	51	0	51	0
President District 7	Willie Wilson	2	0	2	0	2	0
0800 Emergency							
President District 7	Hillary Clinton	0	0	0	0	* No Audit Data expected or found	
President District 7	Martin O'Malley	0	0	0	0	* No Audit Data expected or found	
President District 7	Bernie Sanders	0	0	0	0	* No Audit Data expected or found	
President District 7	Willie Wilson	0	0	0	0	* No Audit Data expected or found	
0850 Failsafe							
President District 7	Hillary Clinton	7	0	7	0	7	0
President District 7	Martin O'Malley	0	0	0	0	* No Audit Data expected or found	
President District 7	Bernie Sanders	0	0	0	0	* No Audit Data expected or found	
President District 7	Willie Wilson	0	0	0	0	* No Audit Data expected or found	
0900 Provisional							
President District 7	Hillary Clinton	5	5	0	0	* All votes cast for this candidate in this precinct are optical. * No Audit Data for optical.	
President District 7	Martin O'Malley	0	0	0	0	* No Audit Data expected or found	
President District 7	Bernie Sanders	1	1	0	0	* All votes cast for this candidate in this precinct are optical. * No Audit Data for optical.	
President District 7	Willie Wilson	0	0	0	0	* No Audit Data expected or found	
0950 Failsafe Provisional							
President District 7	Hillary Clinton	0	0	0	0	* No Audit Data expected or found	
President District 7	Martin O'Malley	0	0	0	0	* No Audit Data expected or found	
President District 7	Bernie Sanders	0	0	0	0	* No Audit Data expected or found	
President District 7	Willie Wilson	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

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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. 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

Marlboro EL30A45A Compare

Marlboro EL30A45A Comparison Report  
 Election: Democratic PPP  
 Audit Date: 12:11:39, Thu Mar 3, 2016

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
President District 7	Hillary Clinton		2137	121	2016	0	2137	121	2016	0	0
President District 7	Martin O'Malley		8	1	7	0	8	1	7	0	0
President District 7	Bernie Sanders		253	10	243	0	253	10	243	0	0
President District 7	Willie Wilson		4	0	4	0	4	0	4	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.



Marlboro PEB Use Report  
 Election: Democratic PPP  
 Audit Date: 12:10:59, Thu Mar 3, 2016

Precinct	PEBs Used	Comments
Adamsville	147026	
Blenheim	137626	
Brightsville	142121	
Brownsville	147258	
Red Hill	135878	
Tatum	134823	
Wallace	145227	
Quicks X Roads	151110	
Clio	147326	
McColl	141555	
East McColl	146876	
E Bennettsville	132594	
W Bennettsville	148281	
S Bennettsville	121712	
N Bennettsville	147279	
Absentee	147390	
Failsafe	147390	

17 precincts processed

The following precinct(s) have no ballots cast in them: Emergency, Failsafe 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.

Marlboro PEBExceptionsReport

Marlboro PEB Exceptions Report  
 Election: Democratic PPP  
 Election date: 02/27/2016  
 Audit Date: 12:10:59, Thu Mar 3, 2016

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5119916	147390	01/26/2016 11:10:12	147390	02/27/2016 18:52:05	>>Open Date<<	Absentee - 362 Fail safe - 6
5119916	147390	01/26/2016 11:10:12	147390	02/27/2016 18:52:05	Open Time	Absentee - 362 Fail safe - 6
5119916	147390	01/26/2016 11:10:12	147390	02/27/2016 18:52:05	Close Time	Absentee - 362 Fail safe - 6
5122083	145227	02/27/2016 06:40:23	145227	02/27/2016 18:53:07	Close Time	Wallace - 35
5123615	147390	02/26/2016 10:40:53	147390	02/27/2016 18:58:17	>>Open Date<<	Absentee - 32
5123615	147390	02/26/2016 10:40:53	147390	02/27/2016 18:58:17	Open Time	Absentee - 32
5123615	147390	02/26/2016 10:40:53	147390	02/27/2016 18:58:17	Close Time	Absentee - 32
5124184	147390	02/26/2016 10:43:45	147390	02/27/2016 19:02:29	>>Open Date<<	Absentee - 15
5124184	147390	02/26/2016 10:43:45	147390	02/27/2016 19:02:29	Open Time	Absentee - 15
5129271	147390	01/28/2016 12:16:41	147390	02/27/2016 19:53:09	>>Open Date<<	Absentee - 279 Fail safe - 1
5129271	147390	01/28/2016 12:16:41	147390	02/27/2016 19:53:09	Open Time	Absentee - 279 Fail safe - 1
5134017	145227	02/27/2016 06:41:16	145227	02/27/2016 18:49:04	Close Time	Wallace - 35
5134270	147326	02/26/2016 18:24:46	147326	02/27/2016 07:04:44	>>Open Date<<	Clio - 33
5134270	147326	02/26/2016 18:24:46	147326	02/27/2016 07:04:44	Open Time	Clio - 33
5134270	147326	02/26/2016 18:24:46	147326	02/27/2016 07:04:44	Close Time	Clio - 33

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 02/27/2016. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.