

Hampton Ballot Audit Report

Hampton Ballot Audit Report  
 Election: Democratic PPP  
 Audit Date: 11:43:18, Thu Mar 3, 2016

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0001	Brunson	72	0	72	0	72	0	0	0	
0002	Hampton NO. 1	87	0	87	0	87	0	0	0	
0003	Hampton NO. 2	149	0	149	0	149	0	0	0	
0004	Varnville	280	0	280	0	280	0	0	0	
0005	Early Branch	44	0	44	0	44	0	0	0	
0006	Garnett	35	0	35	0	35	0	0	0	
0007	Estill	288	0	288	0	288	0	0	0	
0009	Bonnett	95	0	95	0	95	0	0	0	
0010	Furman	90	0	90	0	90	0	0	0	
0011	Scotia	79	0	79	0	79	0	0	0	
0013	Yemassee	162	0	162	0	162	0	0	0	
0014	Horse Gall	0	0	0	0	0	0	0	0	
0015	Rivers Mill	9	0	9	0	9	0	0	0	
0016	Hopewell	11	0	11	0	11	0	0	0	
0017	Crocketville-Miley	43	0	43	0	43	0	0	0	
0018	Cummings	118	0	118	0	118	0	0	0	
0019	Black Creek	19	0	19	0	19	0	0	0	
0021	Gifford	109	0	109	0	109	0	0	0	
Precincts Total:		1690	0	1690	0	1690	0	0	0	
0750	Absentee	507	245	262	0	262	245	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	
0850	Failsafe	2	0	2	0	2	0	0	0	
0900	Provisional	3	3	0	0	0	3	0	0	
0950	Failsafe Provisional	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		512	248	264	0	264	248	0	0	
Grand Total:		2202	248	1954	0	1954	248	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: 5  
 The following precincts have no ballots cast in them: Horse Gall, 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
1954	1954	1954
Delta from EL30A	0	0
	Delta from EL155	0

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Cast By Voter	1954
Cast By Poll Wkr	0
Blank Cast by PW	0
-----	
Cancelled Ballots	23
-----	
Wrong Ballot	4
Voter Left AB	0
Voter Left BB	0
Voter Request	4
Printer Problem	2
Terminal Problem	3
Other Reason	10
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(AB = After ballot selected by poll worker.)  
 (BB = Before ballot selected by poll worker.)

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

Note: The following machines(s) have audit records but no ballots were cast on them: 5125639, 5135531  
 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.

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 electronically readable audit files. So if the audit data iVotronic total

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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: Democratic PPP  
 Audit Date: 11:43:45, Thu Mar 3, 2016

Precinct Number / Name Office	Candidate	Party	EL30A				Audit		Comments
			Total	Optical	iVo	Flash	iVo	Delta	
0001 Brunson									
President District 6	Hillary Clinton		64	0	64	0	64	0	
President District 6	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 6	Bernie Sanders		8	0	8	0	8	0	
President District 6	Willie Wilson		0	0	0	0	* No Audit Data	expected or found	
0002 Hampton NO. 1									
President District 6	Hillary Clinton		81	0	81	0	81	0	
President District 6	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 6	Bernie Sanders		5	0	5	0	5	0	
President District 6	Willie Wilson		1	0	1	0	1	0	
0003 Hampton NO. 2									
President District 6	Hillary Clinton		120	0	120	0	120	0	
President District 6	Martin O'Malley		2	0	2	0	2	0	
President District 6	Bernie Sanders		26	0	26	0	26	0	
President District 6	Willie Wilson		1	0	1	0	1	0	
0004 Varnville									
President District 6	Hillary Clinton		239	0	239	0	239	0	
President District 6	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 6	Bernie Sanders		38	0	38	0	38	0	
President District 6	Willie Wilson		2	0	2	0	2	0	
0005 Early Branch									
President District 6	Hillary Clinton		37	0	37	0	37	0	
President District 6	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 6	Bernie Sanders		6	0	6	0	6	0	
President District 6	Willie Wilson		1	0	1	0	1	0	
0006 Garnett									
President District 6	Hillary Clinton		31	0	31	0	31	0	
President District 6	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 6	Bernie Sanders		4	0	4	0	4	0	
President District 6	Willie Wilson		0	0	0	0	* No Audit Data	expected or found	
0007 Estill									
President District 6	Hillary Clinton		257	0	257	0	257	0	
President District 6	Martin O'Malley		1	0	1	0	1	0	
President District 6	Bernie Sanders		25	0	25	0	25	0	
President District 6	Willie Wilson		4	0	4	0	4	0	
0009 Bonnett									
President District 6	Hillary Clinton		78	0	78	0	78	0	

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President District 6	Martin O'Malley	0	0	0	0	* No Audit Data expected or found
President District 6	Bernie Sanders	17	0	17	0	17 0
President District 6	Willie Wilson	0	0	0	0	* No Audit Data expected or found
0010 Furman						
President District 6	Hillary Clinton	82	0	82	0	82 0
President District 6	Martin O'Malley	0	0	0	0	* No Audit Data expected or found
President District 6	Bernie Sanders	6	0	6	0	6 0
President District 6	Willie Wilson	0	0	0	0	* No Audit Data expected or found
0011 Scotia						
President District 6	Hillary Clinton	72	0	72	0	72 0
President District 6	Martin O'Malley	0	0	0	0	* No Audit Data expected or found
President District 6	Bernie Sanders	7	0	7	0	7 0
President District 6	Willie Wilson	0	0	0	0	* No Audit Data expected or found
0013 Yemassee						
President District 6	Hillary Clinton	138	0	138	0	138 0
President District 6	Martin O'Malley	0	0	0	0	* No Audit Data expected or found
President District 6	Bernie Sanders	21	0	21	0	21 0
President District 6	Willie Wilson	3	0	3	0	3 0
0014 Horse Gall						
President District 6	Hillary Clinton	0	0	0	0	* No Audit Data expected or found
President District 6	Martin O'Malley	0	0	0	0	* No Audit Data expected or found
President District 6	Bernie Sanders	0	0	0	0	* No Audit Data expected or found
President District 6	Willie Wilson	0	0	0	0	* No Audit Data expected or found
0015 Rivers Mill						
President District 6	Hillary Clinton	6	0	6	0	6 0
President District 6	Martin O'Malley	0	0	0	0	* No Audit Data expected or found
President District 6	Bernie Sanders	3	0	3	0	3 0
President District 6	Willie Wilson	0	0	0	0	* No Audit Data expected or found
0016 Hopewell						
President District 6	Hillary Clinton	6	0	6	0	6 0
President District 6	Martin O'Malley	0	0	0	0	* No Audit Data expected or found
President District 6	Bernie Sanders	5	0	5	0	5 0
President District 6	Willie Wilson	0	0	0	0	* No Audit Data expected or found
0017 Crocketville-Miley						
President District 6	Hillary Clinton	33	0	33	0	33 0
President District 6	Martin O'Malley	0	0	0	0	* No Audit Data expected or found
President District 6	Bernie Sanders	10	0	10	0	10 0
President District 6	Willie Wilson	0	0	0	0	* No Audit Data expected or found
0018 Cummings						
President District 6	Hillary Clinton	107	0	107	0	107 0
President District 6	Martin O'Malley	0	0	0	0	* No Audit Data expected or found
President District 6	Bernie Sanders	11	0	11	0	11 0
President District 6	Willie Wilson	0	0	0	0	* No Audit Data expected or found

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0019 Black Creek							
President District 6	Hillary Clinton	13	0	13	0	13	0
President District 6	Martin O'Malley	0	0	0	0	* No Audit Data	expected or found
President District 6	Bernie Sanders	5	0	5	0	5	0
President District 6	Willie Wilson	0	0	0	0	* No Audit Data	expected or found
0021 Gifford							
President District 6	Hillary Clinton	105	0	105	0	105	0
President District 6	Martin O'Malley	0	0	0	0	* No Audit Data	expected or found
President District 6	Bernie Sanders	3	0	3	0	3	0
President District 6	Willie Wilson	1	0	1	0	1	0
0750 Absentee							
President District 6	Hillary Clinton	459	228	231	0	231	0
President District 6	Martin O'Malley	5	3	2	0	2	0
President District 6	Bernie Sanders	41	14	27	0	27	0
President District 6	Willie Wilson	2	0	2	0	2	0
0800 Emergency							
President District 6	Hillary Clinton	0	0	0	0	* No Audit Data	expected or found
President District 6	Martin O'Malley	0	0	0	0	* No Audit Data	expected or found
President District 6	Bernie Sanders	0	0	0	0	* No Audit Data	expected or found
President District 6	Willie Wilson	0	0	0	0	* No Audit Data	expected or found
0850 Fail safe							
President District 6	Hillary Clinton	2	0	2	0	2	0
President District 6	Martin O'Malley	0	0	0	0	* No Audit Data	expected or found
President District 6	Bernie Sanders	0	0	0	0	* No Audit Data	expected or found
President District 6	Willie Wilson	0	0	0	0	* No Audit Data	expected or found
0900 Provi si onal							
President District 6	Hillary Clinton	3	3	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.	
President District 6	Martin O'Malley	0	0	0	0	* No Audit Data	expected or found
President District 6	Bernie Sanders	0	0	0	0	* No Audit Data	expected or found
President District 6	Willie Wilson	0	0	0	0	* No Audit Data	expected or found
0950 Fail safe Provi si onal							
President District 6	Hillary Clinton	0	0	0	0	* No Audit Data	expected or found
President District 6	Martin O'Malley	0	0	0	0	* No Audit Data	expected or found
President District 6	Bernie Sanders	0	0	0	0	* No Audit Data	expected or found
President District 6	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.

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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. 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: Democratic PPP  
 Audit Date: 11:44:22, Thu Mar 3, 2016

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
President District 6	Hillary Clinton		1933	231	1702	0	1933	231	1702	0	0
President District 6	Martin O'Malley		8	3	5	0	8	3	5	0	0
President District 6	Bernie Sanders		241	14	227	0	241	14	227	0	0
President District 6	Willie Wilson		15	0	15	0	15	0	15	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.



Hampton PEBUsed

Hampton PEB Use Report  
 Election: Democratic PPP  
 Audit Date: 10:49:54, Fri Mar 4, 2016

Precinct	PEBs Used	Comments
Brunson	147630	
Hampton NO. 1	144604	
Hampton NO. 2	144604	
Varnville	229372	
Early Branch	146912	
Garnett	146281	
Estill	154227	
Bonnett	154493	
Furman	145491	
Scotia	146281	
Yemassee	155013	
Rivers Mill	145334	
Hopewell	144582	
Crocketville-Miley	145334	
Cummings	146912	
Black Creek	146452	
Gifford	142338	
Absentee	147439	
Fail safe	147439	

19 precincts processed

The following precinct(s) have no ballots cast in them: Horse Gall, Emergency, Fail safe 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.

Hampton PEBExceptionsReport

Hampton PEB Exceptions Report  
 Election: Democratic PPP  
 Election date: 02/27/2016  
 Audit Date: 10:49:54, Fri Mar 4, 2016

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5103917	144604	02/27/2016 07:00:57	144604	02/27/2016 19:06:18	Open Time	Hampton NO. 1 - 30 Hampton NO. 2 - 29
5122160	147439	01/20/2016 14:24:08	147439	02/27/2016 19:03:38	>>Open Date<<	Absentee - 102 Fail safe - 1
5122160	147439	01/20/2016 14:24:08	147439	02/27/2016 19:03:38	Open Time	Absentee - 102 Fail safe - 1
5130997	144604	02/27/2016 07:01:38	144604	02/27/2016 19:07:10	Open Time	Hampton NO. 1 - 37 Hampton NO. 2 - 68
5136546	147439	01/20/2016 14:22:47	147439	02/27/2016 19:01:56	>>Open Date<<	Absentee - 160 Fail safe - 1
5136546	147439	01/20/2016 14:22:47	147439	02/27/2016 19:01:56	Open Time	Absentee - 160 Fail safe - 1

The following machines(s) have audit records but no ballots were cast on them: 5125639, 5135531  
 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 Failsafe 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.