

Bamberg Ballot Audit Report

Bamberg Ballot Audit Report
 Election: Republican PPP
 Audit Date: 10:54:11, Fri Feb 26, 2016

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0001	Colston	49	0	49	0	49	0	0	0	
0002	Edisto	86	0	86	0	86	0	0	0	
0003	Ehrhardt	117	0	117	0	117	0	0	0	
0004	East Denmark	109	0	109	0	109	0	0	0	
0005	Govan	12	0	12	0	12	0	0	0	
0006	Hightowers Mill	21	0	21	0	21	0	0	0	
0007	Hunter's Chapel	48	0	48	0	48	0	0	0	
0008	Kearse	46	0	46	0	46	0	0	0	
0009	Little Swamp	48	0	48	0	48	0	0	0	
0010	Olar	62	0	62	0	62	0	0	0	
0011	South Bamberg	122	0	122	0	122	0	0	0	
0012	West Denmark	71	0	71	0	71	0	0	0	
0013	North Bamberg	325	0	325	0	325	0	0	0	
Precincts Total:		1116	0	1116	0	1116	0	0	0	
0750	Absentee	93	19	74	0	74	19	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	
0850	Fail safe	2	2	0	0	0	2	0	0	
0900	Provisional	1	1	0	0	0	1	0	0	
0950	Fail safe Provisional	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		96	22	74	0	74	22	0	0	
Grand Total:		1212	22	1190	0	1190	22	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: 7
 The following precincts have no ballots cast in them: Emergency, Fail safe 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
1190	1190	1190
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	1190
	Cast By Poll Wkr	0
	Blank Cast by PW	0
	Cancelled Ballots	10

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Wrong Ballot	0
Voter Left AB	0
Voter Left BB	0
Voter Request	1
Printer Problem	0
Terminal Problem	6
Other Reason	3

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

Number of ADA audio enabled events in this election: 22

Precinct Number and Name	Machine	Date	Time
0001 Colston	5122212	02/15/2016	17:38:15
0001 Colston	5125865	02/15/2016	17:44:50
0002 Edisto	5125698	02/15/2016	17:41:58
0002 Edisto	5122809	02/15/2016	17:46:44
0003 Ehrhardt	5126464	02/15/2016	18:16:08
0004 East Denmark	5122713	02/16/2016	19:31:45
0004 East Denmark	5122084	02/15/2016	18:06:05
0004 East Denmark	5123248	02/15/2016	18:11:26
0005 Govan	5125406	02/15/2016	17:39:08
0006 Hightowers Mill	5125275	02/15/2016	17:59:51
0007 Hunter's Chapel	5126149	02/15/2016	18:19:45
0008 Kearse	5123832	02/15/2016	17:52:29
0009 Little Swamp	5134232	02/15/2016	18:04:14
0010 Olar	5136081	02/15/2016	18:13:02
0011 South Bamberg	5135585	02/15/2016	18:10:41
0011 South Bamberg	5125686	02/15/2016	18:27:44
0012 West Denmark	5121283	02/15/2016	18:23:02
0012 West Denmark	5122695	02/15/2016	18:16:01
0013 North Bamberg	5132195	02/15/2016	18:09:49
0013 North Bamberg	5123100	02/15/2016	18:01:33
0750 Absentee	5125199	01/19/2016	14:01:11
UNKN Unknown	5138089	02/15/2016	17:34:49

Election Date: 02/20/2016

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: 5138089
 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.

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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. 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.

Bamberg Vote Audit

Bamberg Vote Level Audit Report
 Election: Republican PPP
 Audit Date: 10:54:45, Fri Feb 26, 2016

Precinct Number / Name Office	Candidate	Party	EL30A				Audit		Comments
			Total	Optical	iVo	Flash	iVo	Delta	
0001 Colston									
President District 6	Jeb Bush		4	0	4	0	4	0	
President District 6	Ben Carson		7	0	7	0	7	0	
President District 6	Chris Christie		0	0	0	0	* No Audit Data	expected or found	
President District 6	Ted Cruz		11	0	11	0	11	0	
President District 6	Carly Fiorina		0	0	0	0	* No Audit Data	expected or found	
President District 6	Jim Gilmore		0	0	0	0	* No Audit Data	expected or found	
President District 6	Mike Huckabee		0	0	0	0	* No Audit Data	expected or found	
President District 6	John R Kasich		1	0	1	0	1	0	
President District 6	Rand Paul		0	0	0	0	* No Audit Data	expected or found	
President District 6	Marco Rubio		10	0	10	0	10	0	
President District 6	Rick Santorum		0	0	0	0	* No Audit Data	expected or found	
President District 6	Donald J Trump		16	0	16	0	16	0	
0002 Edisto									
President District 6	Jeb Bush		0	0	0	0	* No Audit Data	expected or found	
President District 6	Ben Carson		11	0	11	0	11	0	
President District 6	Chris Christie		0	0	0	0	* No Audit Data	expected or found	
President District 6	Ted Cruz		22	0	22	0	22	0	
President District 6	Carly Fiorina		1	0	1	0	1	0	
President District 6	Jim Gilmore		0	0	0	0	* No Audit Data	expected or found	
President District 6	Mike Huckabee		0	0	0	0	* No Audit Data	expected or found	
President District 6	John R Kasich		3	0	3	0	3	0	
President District 6	Rand Paul		0	0	0	0	* No Audit Data	expected or found	
President District 6	Marco Rubio		21	0	21	0	21	0	
President District 6	Rick Santorum		0	0	0	0	* No Audit Data	expected or found	
President District 6	Donald J Trump		28	0	28	0	28	0	
0003 Ehrhardt									
President District 6	Jeb Bush		1	0	1	0	1	0	
President District 6	Ben Carson		8	0	8	0	8	0	
President District 6	Chris Christie		0	0	0	0	* No Audit Data	expected or found	
President District 6	Ted Cruz		18	0	18	0	18	0	
President District 6	Carly Fiorina		0	0	0	0	* No Audit Data	expected or found	
President District 6	Jim Gilmore		0	0	0	0	* No Audit Data	expected or found	
President District 6	Mike Huckabee		0	0	0	0	* No Audit Data	expected or found	
President District 6	John R Kasich		4	0	4	0	4	0	
President District 6	Rand Paul		0	0	0	0	* No Audit Data	expected or found	
President District 6	Marco Rubio		33	0	33	0	33	0	
President District 6	Rick Santorum		0	0	0	0	* No Audit Data	expected or found	
President District 6	Donald J Trump		53	0	53	0	53	0	
0004 East Denmark									
President District 6	Jeb Bush		5	0	5	0	5	0	

Bamberg Vote Audi t

President District 6	Ben Carson	3	0	3	0	3	0
President District 6	Chris Christie	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Ted Cruz	24	0	24	0	24	0
President District 6	Carly Fiorina	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Jim Gilmore	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Mike Huckabee	0	0	0	0	0	* No Audi t Data expected or found
President District 6	John R Kasich	7	0	7	0	7	0
President District 6	Rand Paul	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Marco Rubio	41	0	41	0	41	0
President District 6	Rick Santorum	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Donald J Trump	29	0	29	0	29	0

0005 Govan

President District 6	Jeb Bush	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Ben Carson	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Chris Christie	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Ted Cruz	5	0	5	0	5	0
President District 6	Carly Fiorina	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Jim Gilmore	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Mike Huckabee	0	0	0	0	0	* No Audi t Data expected or found
President District 6	John R Kasich	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Rand Paul	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Marco Rubio	1	0	1	0	1	0
President District 6	Rick Santorum	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Donald J Trump	5	0	5	0	5	0

0006 Hightowers Mill

President District 6	Jeb Bush	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Ben Carson	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Chris Christie	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Ted Cruz	1	0	1	0	1	0
President District 6	Carly Fiorina	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Jim Gilmore	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Mike Huckabee	0	0	0	0	0	* No Audi t Data expected or found
President District 6	John R Kasich	1	0	1	0	1	0
President District 6	Rand Paul	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Marco Rubio	9	0	9	0	9	0
President District 6	Rick Santorum	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Donald J Trump	9	0	9	0	9	0

0007 Hunter's Chapel

President District 6	Jeb Bush	3	0	3	0	3	0
President District 6	Ben Carson	2	0	2	0	2	0
President District 6	Chris Christie	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Ted Cruz	6	0	6	0	6	0
President District 6	Carly Fiorina	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Jim Gilmore	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Mike Huckabee	0	0	0	0	0	* No Audi t Data expected or found
President District 6	John R Kasich	7	0	7	0	7	0
President District 6	Rand Paul	0	0	0	0	0	* No Audi t Data expected or found
President District 6	Marco Rubio	10	0	10	0	10	0
President District 6	Rick Santorum	0	0	0	0	0	* No Audi t Data expected or found

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President District 6	Donald J Trump	20	0	20	0	20	0	
0008 Kearsse								
President District 6	Jeb Bush	0	0	0	0	* No Audit Data expected or found		
President District 6	Ben Carson	3	0	3	0	3	0	
President District 6	Chris Christie	0	0	0	0	* No Audit Data expected or found		
President District 6	Ted Cruz	3	0	3	0	3	0	
President District 6	Carly Fiorina	0	0	0	0	* No Audit Data expected or found		
President District 6	Jim Gilmore	0	0	0	0	* No Audit Data expected or found		
President District 6	Mike Huckabee	0	0	0	0	* No Audit Data expected or found		
President District 6	John R Kasich	0	0	0	0	* No Audit Data expected or found		
President District 6	Rand Paul	0	0	0	0	* No Audit Data expected or found		
President District 6	Marco Rubio	14	0	14	0	14	0	
President District 6	Rick Santorum	0	0	0	0	* No Audit Data expected or found		
President District 6	Donald J Trump	26	0	26	0	26	0	
0009 Little Swamp								
President District 6	Jeb Bush	4	0	4	0	4	0	
President District 6	Ben Carson	3	0	3	0	3	0	
President District 6	Chris Christie	0	0	0	0	* No Audit Data expected or found		
President District 6	Ted Cruz	10	0	10	0	10	0	
President District 6	Carly Fiorina	0	0	0	0	* No Audit Data expected or found		
President District 6	Jim Gilmore	0	0	0	0	* No Audit Data expected or found		
President District 6	Mike Huckabee	1	0	1	0	1	0	
President District 6	John R Kasich	0	0	0	0	* No Audit Data expected or found		
President District 6	Rand Paul	0	0	0	0	* No Audit Data expected or found		
President District 6	Marco Rubio	1	0	1	0	1	0	
President District 6	Rick Santorum	0	0	0	0	* No Audit Data expected or found		
President District 6	Donald J Trump	26	0	26	0	26	0	
0010 Olar								
President District 6	Jeb Bush	0	0	0	0	* No Audit Data expected or found		
President District 6	Ben Carson	2	0	2	0	2	0	
President District 6	Chris Christie	0	0	0	0	* No Audit Data expected or found		
President District 6	Ted Cruz	9	0	9	0	9	0	
President District 6	Carly Fiorina	0	0	0	0	* No Audit Data expected or found		
President District 6	Jim Gilmore	0	0	0	0	* No Audit Data expected or found		
President District 6	Mike Huckabee	0	0	0	0	* No Audit Data expected or found		
President District 6	John R Kasich	4	0	4	0	4	0	
President District 6	Rand Paul	0	0	0	0	* No Audit Data expected or found		
President District 6	Marco Rubio	9	0	9	0	9	0	
President District 6	Rick Santorum	0	0	0	0	* No Audit Data expected or found		
President District 6	Donald J Trump	38	0	38	0	38	0	
0011 South Bamberg								
President District 6	Jeb Bush	5	0	5	0	5	0	
President District 6	Ben Carson	9	0	9	0	9	0	
President District 6	Chris Christie	0	0	0	0	* No Audit Data expected or found		
President District 6	Ted Cruz	19	0	19	0	19	0	
President District 6	Carly Fiorina	0	0	0	0	* No Audit Data expected or found		
President District 6	Jim Gilmore	0	0	0	0	* No Audit Data expected or found		
President District 6	Mike Huckabee	0	0	0	0	* No Audit Data expected or found		

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President District 6	John R Kasi ch	4	0	4	0	4	0
President District 6	Rand Paul	0	0	0	0	* No Audi t	Data expected or found
President District 6	Marco Rubi o	23	0	23	0	23	0
President District 6	Ri ck Santorum	0	0	0	0	* No Audi t	Data expected or found
President District 6	Donal d J Trump	62	0	62	0	62	0
0012 West Denmark							
President District 6	Jeb Bush	2	0	2	0	2	0
President District 6	Ben Carson	3	0	3	0	3	0
President District 6	Chris Christie	0	0	0	0	* No Audi t	Data expected or found
President District 6	Ted Cruz	9	0	9	0	9	0
President District 6	Carly Fiori na	0	0	0	0	* No Audi t	Data expected or found
President District 6	Jim Gil more	0	0	0	0	* No Audi t	Data expected or found
President District 6	Mi ke Huckabee	0	0	0	0	* No Audi t	Data expected or found
President District 6	John R Kasi ch	4	0	4	0	4	0
President District 6	Rand Paul	0	0	0	0	* No Audi t	Data expected or found
President District 6	Marco Rubi o	24	0	24	0	24	0
President District 6	Ri ck Santorum	0	0	0	0	* No Audi t	Data expected or found
President District 6	Donal d J Trump	29	0	29	0	29	0
0013 North Bamberg							
President District 6	Jeb Bush	23	0	23	0	23	0
President District 6	Ben Carson	22	0	22	0	22	0
President District 6	Chris Christie	0	0	0	0	* No Audi t	Data expected or found
President District 6	Ted Cruz	44	0	44	0	44	0
President District 6	Carly Fiori na	1	0	1	0	1	0
President District 6	Jim Gil more	0	0	0	0	* No Audi t	Data expected or found
President District 6	Mi ke Huckabee	2	0	2	0	2	0
President District 6	John R Kasi ch	14	0	14	0	14	0
President District 6	Rand Paul	0	0	0	0	* No Audi t	Data expected or found
President District 6	Marco Rubi o	112	0	112	0	112	0
President District 6	Ri ck Santorum	0	0	0	0	* No Audi t	Data expected or found
President District 6	Donal d J Trump	105	0	105	0	105	0
0750 Absentee							
President District 6	Jeb Bush	11	2	9	0	9	0
President District 6	Ben Carson	5	0	5	0	5	0
President District 6	Chris Christie	0	0	0	0	* No Audi t	Data expected or found
President District 6	Ted Cruz	12	1	11	0	11	0
President District 6	Carly Fiori na	0	0	0	0	* No Audi t	Data expected or found
President District 6	Jim Gil more	0	0	0	0	* No Audi t	Data expected or found
President District 6	Mi ke Huckabee	0	0	0	0	* No Audi t	Data expected or found
President District 6	John R Kasi ch	8	1	7	0	7	0
President District 6	Rand Paul	0	0	0	0	* No Audi t	Data expected or found
President District 6	Marco Rubi o	25	5	20	0	20	0
President District 6	Ri ck Santorum	0	0	0	0	* No Audi t	Data expected or found
President District 6	Donal d J Trump	32	10	22	0	22	0
0800 Emergency							
President District 6	Jeb Bush	0	0	0	0	* No Audi t	Data expected or found
President District 6	Ben Carson	0	0	0	0	* No Audi t	Data expected or found
President District 6	Chris Christie	0	0	0	0	* No Audi t	Data expected or found

Bamberg Vote Audit

President District 6	Ted Cruz	0	0	0	0 * No Audit Data expected or found
President District 6	Carly Fiorina	0	0	0	0 * No Audit Data expected or found
President District 6	Jim Gilmore	0	0	0	0 * No Audit Data expected or found
President District 6	Mike Huckabee	0	0	0	0 * No Audit Data expected or found
President District 6	John R Kasich	0	0	0	0 * No Audit Data expected or found
President District 6	Rand Paul	0	0	0	0 * No Audit Data expected or found
President District 6	Marco Rubio	0	0	0	0 * No Audit Data expected or found
President District 6	Rick Santorum	0	0	0	0 * No Audit Data expected or found
President District 6	Donald J Trump	0	0	0	0 * No Audit Data expected or found
0850 Fail safe					
President District 6	Jeb Bush	0	0	0	0 * No Audit Data expected or found
President District 6	Ben Carson	0	0	0	0 * No Audit Data expected or found
President District 6	Chris Christie	0	0	0	0 * No Audit Data expected or found
President District 6	Ted Cruz	0	0	0	0 * No Audit Data expected or found
President District 6	Carly Fiorina	0	0	0	0 * No Audit Data expected or found
President District 6	Jim Gilmore	0	0	0	0 * No Audit Data expected or found
President District 6	Mike Huckabee	0	0	0	0 * No Audit Data expected or found
President District 6	John R Kasich	0	0	0	0 * No Audit Data expected or found
President District 6	Rand Paul	0	0	0	0 * No Audit Data expected or found
President District 6	Marco Rubio	0	0	0	0 * No Audit Data expected or found
President District 6	Rick Santorum	0	0	0	0 * No Audit Data expected or found
President District 6	Donald J Trump	2	2	0	0 * All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.
0900 Provisi onal					
President District 6	Jeb Bush	0	0	0	0 * No Audit Data expected or found
President District 6	Ben Carson	0	0	0	0 * No Audit Data expected or found
President District 6	Chris Christie	0	0	0	0 * No Audit Data expected or found
President District 6	Ted Cruz	0	0	0	0 * No Audit Data expected or found
President District 6	Carly Fiorina	0	0	0	0 * No Audit Data expected or found
President District 6	Jim Gilmore	0	0	0	0 * No Audit Data expected or found
President District 6	Mike Huckabee	0	0	0	0 * No Audit Data expected or found
President District 6	John R Kasich	0	0	0	0 * No Audit Data expected or found
President District 6	Rand Paul	0	0	0	0 * No Audit Data expected or found
President District 6	Marco Rubio	0	0	0	0 * No Audit Data expected or found
President District 6	Rick Santorum	0	0	0	0 * No Audit Data expected or found
President District 6	Donald J Trump	1	1	0	0 * All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.
0950 Fail safe Provisi onal					
President District 6	Jeb Bush	0	0	0	0 * No Audit Data expected or found
President District 6	Ben Carson	0	0	0	0 * No Audit Data expected or found
President District 6	Chris Christie	0	0	0	0 * No Audit Data expected or found
President District 6	Ted Cruz	0	0	0	0 * No Audit Data expected or found
President District 6	Carly Fiorina	0	0	0	0 * No Audit Data expected or found
President District 6	Jim Gilmore	0	0	0	0 * No Audit Data expected or found
President District 6	Mike Huckabee	0	0	0	0 * No Audit Data expected or found

		Bamberg Vote Audit			
President District 6	John R Kasich	0	0	0	0 * No Audit Data expected or found
President District 6	Rand Paul	0	0	0	0 * No Audit Data expected or found
President District 6	Marco Rubio	0	0	0	0 * No Audit Data expected or found
President District 6	Rick Santorum	0	0	0	0 * No Audit Data expected or found
President District 6	Donald J Trump	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 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 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 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

Bamberg EL30A45A Compare

Bamberg EL30A45A Comparison Report
 Election: Republican PPP
 Audit Date: 10:55:5, Fri Feb 26, 2016

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
President District 6	Jeb Bush		58	2	56	0	58	2	56	0	0
President District 6	Ben Carson		78	0	78	0	78	0	78	0	0
President District 6	Chris Christie		0	0	0	0	0	0	0	0	0
President District 6	Ted Cruz		193	1	192	0	193	1	192	0	0
President District 6	Carly Fiorina		2	0	2	0	2	0	2	0	0
President District 6	Jim Gilmore		0	0	0	0	0	0	0	0	0
President District 6	Mike Huckabee		3	0	3	0	3	0	3	0	0
President District 6	John R Kasi ch		57	1	56	0	57	1	56	0	0
President District 6	Rand Paul		0	0	0	0	0	0	0	0	0
President District 6	Marco Rubio		333	5	328	0	333	5	328	0	0
President District 6	Rick Santorum		0	0	0	0	0	0	0	0	0
President District 6	Donald J Trump		481	13	468	0	481	13	468	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

Bamberg EL30A45A Compare

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.

Bamberg PEBUsed

Bamberg PEB Use Report
Electi on: Republ i can PPP
Audi t Date: 10:54:11, Fri Feb 26, 2016

Preci nct	PEBs Used	Comments
Col ston	177538	
Edi sto	165287	
Ehrhardt	229234	
East Denmark	165299	
Govan	145461	
Hightowers Mill	243152	
Hunter' s Chapel	165292	
Kearse	232599	
Li ttle Swamp	165289	
Ol ar	145489	
South Bamberg	165291	
West Denmark	187519	
North Bamberg	144687	
Absentee	232478	

14 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.

Bamberg PEBExceptionsReport

Bamberg PEB Exceptions Report
Election: Republican PPP
Election date: 02/20/2016
Audit Date: 10:54:11, Fri Feb 26, 2016

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5122802	243152	02/20/2016 07:01:05	243152	02/20/2016 19:02:36	Open Time	Hightowers Mill - 20
5125199	232478	01/20/2016 14:20:41	232478	02/20/2016 19:02:00	>>Open Date<<	Absentee - 74
5125199	232478	01/20/2016 14:20:41	232478	02/20/2016 19:02:00	Open Time	Absentee - 74

The following machines(s) have audit records but no ballots were cast on them: 5138089
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 02/20/2016. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.