

Abbeville Ballot Audit Report

Abbeville Ballot Audit Report
 Election: Republican PPP
 Audit Date: 15:21:57, Thu Feb 25, 2016

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0001	Abbeville No. 1	495	0	495	0	495	0	0	0	
0002	Abbeville No. 2	198	0	198	0	198	0	0	0	
0003	Abbeville No. 3	167	0	167	0	167	0	0	0	
0004	Abbeville No. 4	154	0	154	0	154	0	0	0	
0005	Antreville	308	0	308	0	308	0	0	0	
0006	Broadmouth	122	0	122	0	122	0	0	0	
0007	Calhoun Falls	242	0	242	0	242	0	0	0	
0008	Cold Springs	233	0	233	0	233	0	0	0	
0009	Donalds	152	0	152	0	152	0	0	0	
0010	Due West	343	0	343	0	343	0	0	0	
0011	Hall's Store	187	0	187	0	187	0	0	0	
0012	Keowee	249	0	249	0	249	0	0	0	
0013	Lowndesville	291	0	291	0	291	0	0	0	
0014	Lebanon	181	0	181	0	181	0	0	0	
Precincts Total:		3322	0	3322	0	3322	0	0	0	
0750	Absentee	372	72	300	0	300	72	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	
0850	Failsafe	0	0	0	0	0	0	0	0	
0900	Provisional	12	12	0	0	0	12	0	0	
0950	Failsafe Provisional	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		384	84	300	0	300	84	0	0	
Grand Total:		3706	84	3622	0	3622	84	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: 17
 The following precincts have no ballots cast in them: Emergency, Failsafe, 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
3622	3622	3622
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	3615
	Cast By Poll Wkr	7
	Blank Cast by PW	0

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Cancelled Ballots	21	
Wrong Ballot	0	
Voter Left AB	1	(AB = After ballot selected by poll worker.)
Voter Left BB	0	(BB = Before ballot selected by poll worker.)
Voter Request	2	
Printer Problem	1	
Terminal Problem	1	
Other Reason	16	

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 transmissi on to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into two master audit files, the EL155 Vote image log and the EL152 iVotronic event log.

The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine. Ocounting the number of asterisks in a precinct we get the number of ballots cast in that precinct. That number should always match the number in the iVo column on the EL30A side of the report.

Optical ballots do not have electonically readable audit files. So if the audit data iVotronic total does not match the EL30A Total value, the auditor is prompted to read the paper report from the optical scanner and enter the total ballots cast into the auditing program.

If the sum of the audit iVotronic and Optical ballots cast still do not match the EL30A total value, then the audit software reads the EL68 Manual Entry log for any changes made in that precinct to either the iVo or Opt totals by the CEC staff. It displays any manual entries to the auditor for inclusion into the totals. If accepted by the auditor these entries are automatically added to the Man column from the Manual Entry log.

Finally, the audit software calculates the Delta value which should be zero unless the sum of the iVo, the Opt and the Man do not match the EL30A Total column. If the Delta is greater than zero then audit data

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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.

Abbeville Vote Audit

Abbeville Vote Level Audit Report
 Election: Republican PPP
 Audit Date: 15:22:08, Thu Feb 25, 2016

Precinct Number / Name Office	Candidate	Party	EL30A				Audit		Comments
			Total	Optical	iVo	Flash	iVo	Delta	
0001 Abbeville No. 1									
President District 3	Jeb Bush		29	0	29	0	29	0	
President District 3	Ben Carson		39	0	39	0	39	0	
President District 3	Chris Christie		0	0	0	0	* No Audit	Data expected or found	
President District 3	Ted Cruz		103	0	103	0	103	0	
President District 3	Carly Fiorina		0	0	0	0	* No Audit	Data expected or found	
President District 3	Jim Gilmore		0	0	0	0	* No Audit	Data expected or found	
President District 3	Mike Huckabee		0	0	0	0	* No Audit	Data expected or found	
President District 3	John R Kasich		22	0	22	0	22	0	
President District 3	Rand Paul		0	0	0	0	* No Audit	Data expected or found	
President District 3	Marco Rubio		134	0	134	0	134	0	
President District 3	Rick Santorum		0	0	0	0	* No Audit	Data expected or found	
President District 3	Donald J Trump		165	0	165	0	165	0	
0002 Abbeville No. 2									
President District 3	Jeb Bush		8	0	8	0	8	0	
President District 3	Ben Carson		18	0	18	0	18	0	
President District 3	Chris Christie		0	0	0	0	* No Audit	Data expected or found	
President District 3	Ted Cruz		46	0	46	0	46	0	
President District 3	Carly Fiorina		0	0	0	0	* No Audit	Data expected or found	
President District 3	Jim Gilmore		0	0	0	0	* No Audit	Data expected or found	
President District 3	Mike Huckabee		0	0	0	0	* No Audit	Data expected or found	
President District 3	John R Kasich		5	0	5	0	5	0	
President District 3	Rand Paul		0	0	0	0	* No Audit	Data expected or found	
President District 3	Marco Rubio		45	0	45	0	45	0	
President District 3	Rick Santorum		0	0	0	0	* No Audit	Data expected or found	
President District 3	Donald J Trump		75	0	75	0	75	0	
0003 Abbeville No. 3									
President District 3	Jeb Bush		14	0	14	0	14	0	
President District 3	Ben Carson		22	0	22	0	22	0	
President District 3	Chris Christie		0	0	0	0	* No Audit	Data expected or found	
President District 3	Ted Cruz		42	0	42	0	42	0	
President District 3	Carly Fiorina		0	0	0	0	* No Audit	Data expected or found	
President District 3	Jim Gilmore		0	0	0	0	* No Audit	Data expected or found	
President District 3	Mike Huckabee		1	0	1	0	1	0	
President District 3	John R Kasich		6	0	6	0	6	0	
President District 3	Rand Paul		0	0	0	0	* No Audit	Data expected or found	
President District 3	Marco Rubio		33	0	33	0	33	0	
President District 3	Rick Santorum		0	0	0	0	* No Audit	Data expected or found	
President District 3	Donald J Trump		49	0	49	0	49	0	
0004 Abbeville No. 4									
President District 3	Jeb Bush		8	0	8	0	8	0	

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President District 3	Ben Carson	11	0	11	0	11	0
President District 3	Chris Christie	0	0	0	0	* No Audit Data	expected or found
President District 3	Ted Cruz	36	0	36	0	36	0
President District 3	Carly Fiorina	0	0	0	0	* No Audit Data	expected or found
President District 3	Jim Gilmore	0	0	0	0	* No Audit Data	expected or found
President District 3	Mike Huckabee	0	0	0	0	* No Audit Data	expected or found
President District 3	John R Kasich	6	0	6	0	6	0
President District 3	Rand Paul	0	0	0	0	* No Audit Data	expected or found
President District 3	Marco Rubio	22	0	22	0	22	0
President District 3	Rick Santorum	1	0	1	0	1	0
President District 3	Donald J Trump	69	0	69	0	69	0

0005 Antreville

President District 3	Jeb Bush	19	0	19	0	19	0
President District 3	Ben Carson	30	0	30	0	30	0
President District 3	Chris Christie	0	0	0	0	* No Audit Data	expected or found
President District 3	Ted Cruz	55	0	55	0	55	0
President District 3	Carly Fiorina	0	0	0	0	* No Audit Data	expected or found
President District 3	Jim Gilmore	0	0	0	0	* No Audit Data	expected or found
President District 3	Mike Huckabee	0	0	0	0	* No Audit Data	expected or found
President District 3	John R Kasich	7	0	7	0	7	0
President District 3	Rand Paul	1	0	1	0	1	0
President District 3	Marco Rubio	57	0	57	0	57	0
President District 3	Rick Santorum	0	0	0	0	* No Audit Data	expected or found
President District 3	Donald J Trump	137	0	137	0	137	0

0006 Broadmouth

President District 3	Jeb Bush	4	0	4	0	4	0
President District 3	Ben Carson	9	0	9	0	9	0
President District 3	Chris Christie	0	0	0	0	* No Audit Data	expected or found
President District 3	Ted Cruz	31	0	31	0	31	0
President District 3	Carly Fiorina	0	0	0	0	* No Audit Data	expected or found
President District 3	Jim Gilmore	0	0	0	0	* No Audit Data	expected or found
President District 3	Mike Huckabee	0	0	0	0	* No Audit Data	expected or found
President District 3	John R Kasich	6	0	6	0	6	0
President District 3	Rand Paul	0	0	0	0	* No Audit Data	expected or found
President District 3	Marco Rubio	11	0	11	0	11	0
President District 3	Rick Santorum	0	0	0	0	* No Audit Data	expected or found
President District 3	Donald J Trump	60	0	60	0	60	0

0007 Calhoun Falls

President District 3	Jeb Bush	16	0	16	0	16	0
President District 3	Ben Carson	31	0	31	0	31	0
President District 3	Chris Christie	0	0	0	0	* No Audit Data	expected or found
President District 3	Ted Cruz	39	0	39	0	39	0
President District 3	Carly Fiorina	0	0	0	0	* No Audit Data	expected or found
President District 3	Jim Gilmore	0	0	0	0	* No Audit Data	expected or found
President District 3	Mike Huckabee	0	0	0	0	* No Audit Data	expected or found
President District 3	John R Kasich	8	0	8	0	8	0
President District 3	Rand Paul	0	0	0	0	* No Audit Data	expected or found
President District 3	Marco Rubio	49	0	49	0	49	0
President District 3	Rick Santorum	0	0	0	0	* No Audit Data	expected or found

Abbeville Vote Audit

President District 3	Donald J Trump	98	0	98	0	98	0
0008 Cold Springs							
President District 3	Jeb Bush	13	0	13	0	13	0
President District 3	Ben Carson	23	0	23	0	23	0
President District 3	Chris Christie	0	0	0	0	* No Audit Data expected or found	
President District 3	Ted Cruz	53	0	53	0	53	0
President District 3	Carly Fiorina	1	0	1	0	1	0
President District 3	Jim Gilmore	0	0	0	0	* No Audit Data expected or found	
President District 3	Mike Huckabee	0	0	0	0	* No Audit Data expected or found	
President District 3	John R Kasich	17	0	17	0	17	0
President District 3	Rand Paul	0	0	0	0	* No Audit Data expected or found	
President District 3	Marco Rubio	50	0	50	0	50	0
President District 3	Rick Santorum	0	0	0	0	* No Audit Data expected or found	
President District 3	Donald J Trump	75	0	75	0	75	0
0009 Donalds							
President District 3	Jeb Bush	16	0	16	0	16	0
President District 3	Ben Carson	11	0	11	0	11	0
President District 3	Chris Christie	0	0	0	0	* No Audit Data expected or found	
President District 3	Ted Cruz	47	0	47	0	47	0
President District 3	Carly Fiorina	0	0	0	0	* No Audit Data expected or found	
President District 3	Jim Gilmore	0	0	0	0	* No Audit Data expected or found	
President District 3	Mike Huckabee	0	0	0	0	* No Audit Data expected or found	
President District 3	John R Kasich	1	0	1	0	1	0
President District 3	Rand Paul	0	0	0	0	* No Audit Data expected or found	
President District 3	Marco Rubio	23	0	23	0	23	0
President District 3	Rick Santorum	0	0	0	0	* No Audit Data expected or found	
President District 3	Donald J Trump	54	0	54	0	54	0
0010 Due West							
President District 3	Jeb Bush	24	0	24	0	24	0
President District 3	Ben Carson	30	0	30	0	30	0
President District 3	Chris Christie	1	0	1	0	1	0
President District 3	Ted Cruz	95	0	95	0	95	0
President District 3	Carly Fiorina	0	0	0	0	* No Audit Data expected or found	
President District 3	Jim Gilmore	0	0	0	0	* No Audit Data expected or found	
President District 3	Mike Huckabee	0	0	0	0	* No Audit Data expected or found	
President District 3	John R Kasich	26	0	26	0	26	0
President District 3	Rand Paul	0	0	0	0	* No Audit Data expected or found	
President District 3	Marco Rubio	73	0	73	0	73	0
President District 3	Rick Santorum	0	0	0	0	* No Audit Data expected or found	
President District 3	Donald J Trump	92	0	92	0	92	0
0011 Hall's Store							
President District 3	Jeb Bush	13	0	13	0	13	0
President District 3	Ben Carson	13	0	13	0	13	0
President District 3	Chris Christie	0	0	0	0	* No Audit Data expected or found	
President District 3	Ted Cruz	43	0	43	0	43	0
President District 3	Carly Fiorina	0	0	0	0	* No Audit Data expected or found	
President District 3	Jim Gilmore	0	0	0	0	* No Audit Data expected or found	
President District 3	Mike Huckabee	0	0	0	0	* No Audit Data expected or found	

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President District 3	John R Kasi ch	11	0	11	0	11	0
President District 3	Rand Paul	0	0	0	0	* No Audit Data expected or found	0
President District 3	Marco Rubi o	32	0	32	0	32	0
President District 3	Ri ck Santorum	0	0	0	0	* No Audit Data expected or found	0
President District 3	Donal d J Trump	75	0	75	0	75	0
0012 Keowee							
President District 3	Jeb Bush	21	0	21	0	21	0
President District 3	Ben Carson	15	0	15	0	15	0
President District 3	Chris Christie	0	0	0	0	* No Audit Data expected or found	0
President District 3	Ted Cruz	66	0	66	0	66	0
President District 3	Carly Fiori na	0	0	0	0	* No Audit Data expected or found	0
President District 3	Jim Gil more	0	0	0	0	* No Audit Data expected or found	0
President District 3	Mi ke Huckabee	0	0	0	0	* No Audit Data expected or found	0
President District 3	John R Kasi ch	11	0	11	0	11	0
President District 3	Rand Paul	1	0	1	0	1	0
President District 3	Marco Rubi o	42	0	42	0	42	0
President District 3	Ri ck Santorum	0	0	0	0	* No Audit Data expected or found	0
President District 3	Donal d J Trump	92	0	92	0	92	0
0013 Lowndesville							
President District 3	Jeb Bush	20	0	20	0	20	0
President District 3	Ben Carson	13	0	13	0	13	0
President District 3	Chris Christie	0	0	0	0	* No Audit Data expected or found	0
President District 3	Ted Cruz	77	0	77	0	77	0
President District 3	Carly Fiori na	0	0	0	0	* No Audit Data expected or found	0
President District 3	Jim Gil more	0	0	0	0	* No Audit Data expected or found	0
President District 3	Mi ke Huckabee	0	0	0	0	* No Audit Data expected or found	0
President District 3	John R Kasi ch	9	0	9	0	9	0
President District 3	Rand Paul	0	0	0	0	* No Audit Data expected or found	0
President District 3	Marco Rubi o	45	0	45	0	45	0
President District 3	Ri ck Santorum	1	0	1	0	1	0
President District 3	Donal d J Trump	123	0	123	0	123	0
0014 Lebanon							
President District 3	Jeb Bush	11	0	11	0	11	0
President District 3	Ben Carson	18	0	18	0	18	0
President District 3	Chris Christie	0	0	0	0	* No Audit Data expected or found	0
President District 3	Ted Cruz	42	0	42	0	42	0
President District 3	Carly Fiori na	0	0	0	0	* No Audit Data expected or found	0
President District 3	Jim Gil more	0	0	0	0	* No Audit Data expected or found	0
President District 3	Mi ke Huckabee	0	0	0	0	* No Audit Data expected or found	0
President District 3	John R Kasi ch	6	0	6	0	6	0
President District 3	Rand Paul	0	0	0	0	* No Audit Data expected or found	0
President District 3	Marco Rubi o	32	0	32	0	32	0
President District 3	Ri ck Santorum	0	0	0	0	* No Audit Data expected or found	0
President District 3	Donal d J Trump	72	0	72	0	72	0
0750 Absentee							
President District 3	Jeb Bush	20	4	16	0	16	0
President District 3	Ben Carson	22	2	20	0	20	0
President District 3	Chris Christie	1	1	0	0	* All votes cast for thi s candi date	0

Abbeville Vote Audit

* in this precinct are optical.
 * No Audit Data for optical.

President District 3	Ted Cruz	101	10	91	0	91	0
President District 3	Carly Fiorina	0	0	0	0	* No Audit Data	expected or found
President District 3	Jim Gilmore	0	0	0	0	* No Audit Data	expected or found
President District 3	Mike Huckabee	0	0	0	0	* No Audit Data	expected or found
President District 3	John R Kasich	16	2	14	0	14	0
President District 3	Rand Paul	1	0	1	0	1	0
President District 3	Marco Rubio	92	17	75	0	75	0
President District 3	Rick Santorum	1	0	1	0	1	0
President District 3	Donald J Trump	117	36	81	0	81	0
0800 Emergency							
President District 3	Jeb Bush	0	0	0	0	* No Audit Data	expected or found
President District 3	Ben Carson	0	0	0	0	* No Audit Data	expected or found
President District 3	Chris Christie	0	0	0	0	* No Audit Data	expected or found
President District 3	Ted Cruz	0	0	0	0	* No Audit Data	expected or found
President District 3	Carly Fiorina	0	0	0	0	* No Audit Data	expected or found
President District 3	Jim Gilmore	0	0	0	0	* No Audit Data	expected or found
President District 3	Mike Huckabee	0	0	0	0	* No Audit Data	expected or found
President District 3	John R Kasich	0	0	0	0	* No Audit Data	expected or found
President District 3	Rand Paul	0	0	0	0	* No Audit Data	expected or found
President District 3	Marco Rubio	0	0	0	0	* No Audit Data	expected or found
President District 3	Rick Santorum	0	0	0	0	* No Audit Data	expected or found
President District 3	Donald J Trump	0	0	0	0	* No Audit Data	expected or found
0850 Fail safe							
President District 3	Jeb Bush	0	0	0	0	* No Audit Data	expected or found
President District 3	Ben Carson	0	0	0	0	* No Audit Data	expected or found
President District 3	Chris Christie	0	0	0	0	* No Audit Data	expected or found
President District 3	Ted Cruz	0	0	0	0	* No Audit Data	expected or found
President District 3	Carly Fiorina	0	0	0	0	* No Audit Data	expected or found
President District 3	Jim Gilmore	0	0	0	0	* No Audit Data	expected or found
President District 3	Mike Huckabee	0	0	0	0	* No Audit Data	expected or found
President District 3	John R Kasich	0	0	0	0	* No Audit Data	expected or found
President District 3	Rand Paul	0	0	0	0	* No Audit Data	expected or found
President District 3	Marco Rubio	0	0	0	0	* No Audit Data	expected or found
President District 3	Rick Santorum	0	0	0	0	* No Audit Data	expected or found
President District 3	Donald J Trump	0	0	0	0	* No Audit Data	expected or found
0900 Provisional							
President District 3	Jeb Bush	0	0	0	0	* No Audit Data	expected or found
President District 3	Ben Carson	3	3	0	0	* All votes cast for this candidate	in this precinct are optical.
						* No Audit Data for optical.	
President District 3	Chris Christie	0	0	0	0	* No Audit Data	expected or found
President District 3	Ted Cruz	2	2	0	0	* All votes cast for this candidate	in this precinct are optical.
						* No Audit Data for optical.	

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President District 3	Carly Fiorina	0	0	0	0 * No Audit Data expected or found
President District 3	Jim Gilmore	0	0	0	0 * No Audit Data expected or found
President District 3	Mike Huckabee	0	0	0	0 * No Audit Data expected or found
President District 3	John R Kasich	1	1	0	0 * All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.
President District 3	Rand Paul	0	0	0	0 * No Audit Data expected or found
President District 3	Marco Rubio	1	1	0	0 * All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.
President District 3	Rick Santorum	0	0	0	0 * No Audit Data expected or found
President District 3	Donald J Trump	5	5	0	0 * All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.
0950 Fail safe Provisional					
President District 3	Jeb Bush	0	0	0	0 * No Audit Data expected or found
President District 3	Ben Carson	0	0	0	0 * No Audit Data expected or found
President District 3	Chris Christie	0	0	0	0 * No Audit Data expected or found
President District 3	Ted Cruz	0	0	0	0 * No Audit Data expected or found
President District 3	Carly Fiorina	0	0	0	0 * No Audit Data expected or found
President District 3	Jim Gilmore	0	0	0	0 * No Audit Data expected or found
President District 3	Mike Huckabee	0	0	0	0 * No Audit Data expected or found
President District 3	John R Kasich	0	0	0	0 * No Audit Data expected or found
President District 3	Rand Paul	0	0	0	0 * No Audit Data expected or found
President District 3	Marco Rubio	0	0	0	0 * No Audit Data expected or found
President District 3	Rick Santorum	0	0	0	0 * No Audit Data expected or found
President District 3	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

Abbeville Vote Audit

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

Abbeville EL30A45A Compare

Abbeville EL30A45A Comparison Report
 Election: Republican PPP
 Audit Date: 15:22:16, Thu Feb 25, 2016

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
President District 3	Jeb Bush		236	4	232	0	236	4	232	0	0
President District 3	Ben Carson		308	5	303	0	308	5	303	0	0
President District 3	Chris Christie		2	1	1	0	2	1	1	0	0
President District 3	Ted Cruz		878	12	866	0	878	12	866	0	0
President District 3	Carly Fiorina		1	0	1	0	1	0	1	0	0
President District 3	Jim Gilmore		0	0	0	0	0	0	0	0	0
President District 3	Mike Huckabee		1	0	1	0	1	0	1	0	0
President District 3	John R Kasi ch		158	3	155	0	158	3	155	0	0
President District 3	Rand Paul		3	0	3	0	3	0	3	0	0
President District 3	Marco Rubio		741	18	723	0	741	18	723	0	0
President District 3	Rick Santorum		3	0	3	0	3	0	3	0	0
President District 3	Donald J Trump		1358	41	1317	0	1358	41	1317	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 candi date totals are compared against the calculated sums for each candi date from, the EL30A

Abbeville 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.

Abbeville PEBUsed

Abbeville PEB Use Report
Election: Republican PPP
Audit Date: 15:21:57, Thu Feb 25, 2016

Precinct	PEBs Used	Comments
Abbeville No. 1	138662	
Abbeville No. 2	138662	
Abbeville No. 3	138662	
Abbeville No. 4	138662	
Antreville	150210	
Broadmouth	229872	
Calhoun Falls	150393	
Cold Springs	138612	
Donalds	139574	
Due West	229864	
Hall's Store	151842	
Keowee	151531	
Lowndesville	148644	
Lebanon	138662	
Absentee	151660	

15 precincts processed

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

Abbeville PEBExceptionsReport

Abbeville PEB Exceptions Report
 Election: Republican PPP
 Election date: 02/20/2016
 Audit Date: 15:21:57, Thu Feb 25, 2016

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5119375	151660	01/21/2016 08:19:04	151660	02/20/2016 19:07:46	>>Open Date<<	Absentee - 194
5119375	151660	01/21/2016 08:19:04	151660	02/20/2016 19:07:46	Open Time	Absentee - 194
5131665	151660	01/21/2016 08:21:02	151660	02/20/2016 19:02:42	>>Open Date<<	Absentee - 106
5131665	151660	01/21/2016 08:21:02	151660	02/20/2016 19:02:42	Open Time	Absentee - 106

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.