

Barnwell Ballot Audit Report

Barnwell Ballot Audit Report
 Election: 2014 Primary Runoff
 Audit Date: 11:51:51, Thu Jun 26, 2014

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0001	Barnwell 1	59	0	59	0	59	0	0	0	
0002	Barnwell 2	245	0	245	0	245	0	0	0	
0003	Barnwell 3	244	0	244	0	244	0	0	0	
0004	Barnwell 4	113	0	113	0	113	0	0	0	
0005	Blackville 1	58	0	58	0	58	0	0	0	
0006	Blackville 2	62	0	62	0	62	0	0	0	
0007	Elko	59	0	59	0	59	0	0	0	
0008	Friendship	112	0	112	0	112	0	0	0	
0009	Kline	73	0	73	0	73	0	0	0	
0010	Healing Springs	47	0	47	0	47	0	0	0	
0011	Hilda	153	0	153	0	153	0	0	0	
0012	Snelling	159	0	159	0	159	0	0	0	
0013	Williston 1	82	0	82	0	82	0	0	0	
0014	Williston 2	47	0	47	0	47	0	0	0	
0015	Williston 3	76	0	76	0	76	0	0	0	
Precincts Total:		1589	0	1589	0	1589	0	0	0	
0750	Absentee	184	57	127	0	127	57	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	
0850	Fail safe	9	0	9	0	9	0	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:		194	58	136	0	136	58	0	0	
Grand Total:		1783	58	1725	0	1725	58	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
1725	1725	1725
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	1725
	Cast By Poll Wkr	0
	Blank Cast by PW	0

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Cancelled Ballots	8	
Wrong Ballot	4	
Voter Left AB	0	(AB = After ballot selected by poll worker.)
Voter Left BB	0	(BB = Before ballot selected by poll worker.)
Voter Request	1	
Printer Problem	0	
Terminal Problem	0	
Other Reason	3	

How to read this report.

This is the ballot level report. It compares the number of ballots cast in the tabulation report, the EL30A with the number of ballots cast in the audit data.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. The total lines are the calculated sums of the individual precince line values.

The Opt totals are the total number of ballots cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

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

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

The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine. 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

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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.

Barnwell Vote Audit

Barnwell Vote Level Audit Report
 Election: 2014 Primary Runoff
 Audit Date: 11:52:19, Thu Jun 26, 2014

Precinct Number / Name Office	Candidate	Party	EL30A				Audit		Comments
			Total	Optical	iVo	Flash	iVo	Delta	

0001 Barnwell 1									
DEM - State Superintendent of Education	Sheila C Gallagher		3	0	3	0	3	0	
DEM - State Superintendent of Education	Tom Thompson		3	0	3	0	3	0	
REP - Lieutenant Governor	Mike Campbell		28	0	28	0	28	0	
REP - Lieutenant Governor	Henry McMaster		21	0	21	0	21	0	
REP - State Superintendent of Education	Sally Atwater		12	0	12	0	12	0	
REP - State Superintendent of Education	Molly Mitchell Spearman		35	0	35	0	35	0	
REP - Auditor	Janet L Ginn		20	0	20	0	20	0	
REP - Auditor	Gwen Kinnard		32	0	32	0	32	0	
0002 Barnwell 2									
DEM - State Superintendent of Education	Sheila C Gallagher		12	0	12	0	12	0	
DEM - State Superintendent of Education	Tom Thompson		10	0	10	0	10	0	
REP - Lieutenant Governor	Mike Campbell		100	0	100	0	100	0	
REP - Lieutenant Governor	Henry McMaster		108	0	108	0	108	0	
REP - State Superintendent of Education	Sally Atwater		84	0	84	0	84	0	
REP - State Superintendent of Education	Molly Mitchell Spearman		119	0	119	0	119	0	
REP - Auditor	Janet L Ginn		69	0	69	0	69	0	
REP - Auditor	Gwen Kinnard		153	0	153	0	153	0	
0003 Barnwell 3									
DEM - State Superintendent of Education	Sheila C Gallagher		7	0	7	0	7	0	
DEM - State Superintendent of Education	Tom Thompson		9	0	9	0	9	0	
REP - Lieutenant Governor	Mike Campbell		96	0	96	0	96	0	
REP - Lieutenant Governor	Henry McMaster		115	0	115	0	115	0	
REP - State Superintendent of Education	Sally Atwater		83	0	83	0	83	0	
REP - State Superintendent of Education	Molly Mitchell Spearman		135	0	135	0	135	0	
REP - Auditor	Janet L Ginn		77	0	77	0	77	0	
REP - Auditor	Gwen Kinnard		150	0	150	0	150	0	
0004 Barnwell 4									
DEM - State Superintendent of Education	Sheila C Gallagher		7	0	7	0	7	0	
DEM - State Superintendent of Education	Tom Thompson		5	0	5	0	5	0	
REP - Lieutenant Governor	Mike Campbell		44	0	44	0	44	0	
REP - Lieutenant Governor	Henry McMaster		48	0	48	0	48	0	
REP - State Superintendent of Education	Sally Atwater		36	0	36	0	36	0	
REP - State Superintendent of Education	Molly Mitchell Spearman		57	0	57	0	57	0	
REP - Auditor	Janet L Ginn		40	0	40	0	40	0	
REP - Auditor	Gwen Kinnard		59	0	59	0	59	0	
0005 Blackville 1									
DEM - State Superintendent of Education	Sheila C Gallagher		5	0	5	0	5	0	
DEM - State Superintendent of Education	Tom Thompson		5	0	5	0	5	0	
REP - Lieutenant Governor	Mike Campbell		24	0	24	0	24	0	

			Barnwell	Vote	Audit				
REP - Lieutenant Governor		Henry McMaster	21	0	21	0	21	0	
REP - State Superintendent of Education		Sally Atwater	24	0	24	0	24	0	
REP - State Superintendent of Education		Molly Mitchell Spearman	21	0	21	0	21	0	
REP - Auditor		Janet L Ginn	28	0	28	0	28	0	
REP - Auditor		Gwen Kinnard	20	0	20	0	20	0	
0006 Blackville 2									
DEM - State Superintendent of Education		Sheila C Gallagher	8	0	8	0	8	0	
DEM - State Superintendent of Education		Tom Thompson	10	0	10	0	10	0	
REP - Lieutenant Governor		Mike Campbell	16	0	16	0	16	0	
REP - Lieutenant Governor		Henry McMaster	23	0	23	0	23	0	
REP - State Superintendent of Education		Sally Atwater	15	0	15	0	15	0	
REP - State Superintendent of Education		Molly Mitchell Spearman	25	0	25	0	25	0	
REP - Auditor		Janet L Ginn	23	0	23	0	23	0	
REP - Auditor		Gwen Kinnard	18	0	18	0	18	0	
0007 Eiko									
DEM - State Superintendent of Education		Sheila C Gallagher	6	0	6	0	6	0	
DEM - State Superintendent of Education		Tom Thompson	5	0	5	0	5	0	
REP - Lieutenant Governor		Mike Campbell	16	0	16	0	16	0	
REP - Lieutenant Governor		Henry McMaster	27	0	27	0	27	0	
REP - State Superintendent of Education		Sally Atwater	12	0	12	0	12	0	
REP - State Superintendent of Education		Molly Mitchell Spearman	29	0	29	0	29	0	
REP - Auditor		Janet L Ginn	24	0	24	0	24	0	
REP - Auditor		Gwen Kinnard	24	0	24	0	24	0	
0008 Friendship									
DEM - State Superintendent of Education		Sheila C Gallagher	0	0	0	0	* No Audit Data expected or found		
DEM - State Superintendent of Education		Tom Thompson	0	0	0	0	* No Audit Data expected or found		
REP - Lieutenant Governor		Mike Campbell	63	0	63	0	63	0	
REP - Lieutenant Governor		Henry McMaster	44	0	44	0	44	0	
REP - State Superintendent of Education		Sally Atwater	44	0	44	0	44	0	
REP - State Superintendent of Education		Molly Mitchell Spearman	62	0	62	0	62	0	
REP - Auditor		Janet L Ginn	29	0	29	0	29	0	
REP - Auditor		Gwen Kinnard	83	0	83	0	83	0	
0009 Kline									
DEM - State Superintendent of Education		Sheila C Gallagher	4	0	4	0	4	0	
DEM - State Superintendent of Education		Tom Thompson	2	0	2	0	2	0	
REP - Lieutenant Governor		Mike Campbell	31	0	31	0	31	0	
REP - Lieutenant Governor		Henry McMaster	31	0	31	0	31	0	
REP - State Superintendent of Education		Sally Atwater	28	0	28	0	28	0	
REP - State Superintendent of Education		Molly Mitchell Spearman	34	0	34	0	34	0	
REP - Auditor		Janet L Ginn	24	0	24	0	24	0	
REP - Auditor		Gwen Kinnard	43	0	43	0	43	0	
0010 Healing Springs									
DEM - State Superintendent of Education		Sheila C Gallagher	5	0	5	0	5	0	
DEM - State Superintendent of Education		Tom Thompson	10	0	10	0	10	0	
REP - Lieutenant Governor		Mike Campbell	19	0	19	0	19	0	
REP - Lieutenant Governor		Henry McMaster	10	0	10	0	10	0	
REP - State Superintendent of Education		Sally Atwater	20	0	20	0	20	0	

			Barnwell	Vote	Audit			
REP - State Superintendent of Education	Molly Mitchell Spearman		8	0	8	0	8	0
REP - Auditor	Janet L Ginn		21	0	21	0	21	0
REP - Auditor	Gwen Kinnard		11	0	11	0	11	0
0011 Hilda								
DEM - State Superintendent of Education	Sheila C Gallagher		0	0	0	0	* No Audit Data expected or found	
DEM - State Superintendent of Education	Tom Thompson		0	0	0	0	* No Audit Data expected or found	
REP - Lieutenant Governor	Mike Campbell		76	0	76	0	76	0
REP - Lieutenant Governor	Henry McMaster		65	0	65	0	65	0
REP - State Superintendent of Education	Sally Atwater		64	0	64	0	64	0
REP - State Superintendent of Education	Molly Mitchell Spearman		73	0	73	0	73	0
REP - Auditor	Janet L Ginn		57	0	57	0	57	0
REP - Auditor	Gwen Kinnard		94	0	94	0	94	0
0012 Snelling								
DEM - State Superintendent of Education	Sheila C Gallagher		4	0	4	0	4	0
DEM - State Superintendent of Education	Tom Thompson		8	0	8	0	8	0
REP - Lieutenant Governor	Mike Campbell		70	0	70	0	70	0
REP - Lieutenant Governor	Henry McMaster		67	0	67	0	67	0
REP - State Superintendent of Education	Sally Atwater		60	0	60	0	60	0
REP - State Superintendent of Education	Molly Mitchell Spearman		76	0	76	0	76	0
REP - Auditor	Janet L Ginn		50	0	50	0	50	0
REP - Auditor	Gwen Kinnard		97	0	97	0	97	0
0013 Williston 1								
DEM - State Superintendent of Education	Sheila C Gallagher		15	0	15	0	15	0
DEM - State Superintendent of Education	Tom Thompson		9	0	9	0	9	0
REP - Lieutenant Governor	Mike Campbell		23	0	23	0	23	0
REP - Lieutenant Governor	Henry McMaster		31	0	31	0	31	0
REP - State Superintendent of Education	Sally Atwater		17	0	17	0	17	0
REP - State Superintendent of Education	Molly Mitchell Spearman		37	0	37	0	37	0
REP - Auditor	Janet L Ginn		21	0	21	0	21	0
REP - Auditor	Gwen Kinnard		36	0	36	0	36	0
0014 Williston 2								
DEM - State Superintendent of Education	Sheila C Gallagher		2	0	2	0	2	0
DEM - State Superintendent of Education	Tom Thompson		0	0	0	0	* No Audit Data expected or found	
REP - Lieutenant Governor	Mike Campbell		21	0	21	0	21	0
REP - Lieutenant Governor	Henry McMaster		19	0	19	0	19	0
REP - State Superintendent of Education	Sally Atwater		12	0	12	0	12	0
REP - State Superintendent of Education	Molly Mitchell Spearman		30	0	30	0	30	0
REP - Auditor	Janet L Ginn		20	0	20	0	20	0
REP - Auditor	Gwen Kinnard		24	0	24	0	24	0
0015 Williston 3								
DEM - State Superintendent of Education	Sheila C Gallagher		6	0	6	0	6	0
DEM - State Superintendent of Education	Tom Thompson		2	0	2	0	2	0
REP - Lieutenant Governor	Mike Campbell		21	0	21	0	21	0
REP - Lieutenant Governor	Henry McMaster		45	0	45	0	45	0
REP - State Superintendent of Education	Sally Atwater		22	0	22	0	22	0
REP - State Superintendent of Education	Molly Mitchell Spearman		41	0	41	0	41	0
REP - Auditor	Janet L Ginn		34	0	34	0	34	0

			Barnwell	Vote	Audit				
REP - Auditor		Gwen Kinnard	31	0	31	0	31	0	
0750 Absentee									
DEM - State Superintendent of Education		Sheila C Gallagher	3	1	2	0	2	0	
DEM - State Superintendent of Education		Tom Thompson	3	0	3	0	3	0	
REP - Lieutenant Governor		Mike Campbell	61	6	55	0	55	0	
REP - Lieutenant Governor		Henry McMaster	76	14	62	0	62	0	
REP - State Superintendent of Education		Sally Atwater	62	7	55	0	55	0	
REP - State Superintendent of Education		Molly Mitchell Spearman	73	13	60	0	60	0	
REP - Auditor		Janet L Ginn	57	7	50	0	50	0	
REP - Auditor		Gwen Kinnard	119	49	70	0	70	0	
0800 Emergency									
DEM - State Superintendent of Education		Sheila C Gallagher	0	0	0	0	* No Audit Data expected or found		
DEM - State Superintendent of Education		Tom Thompson	0	0	0	0	* No Audit Data expected or found		
REP - Lieutenant Governor		Mike Campbell	0	0	0	0	* No Audit Data expected or found		
REP - Lieutenant Governor		Henry McMaster	0	0	0	0	* No Audit Data expected or found		
REP - State Superintendent of Education		Sally Atwater	0	0	0	0	* No Audit Data expected or found		
REP - State Superintendent of Education		Molly Mitchell Spearman	0	0	0	0	* No Audit Data expected or found		
REP - Auditor		Janet L Ginn	0	0	0	0	* No Audit Data expected or found		
REP - Auditor		Gwen Kinnard	0	0	0	0	* No Audit Data expected or found		
0850 Failsafe									
DEM - State Superintendent of Education		Sheila C Gallagher	0	0	0	0	* No Audit Data expected or found		
DEM - State Superintendent of Education		Tom Thompson	0	0	0	0	* No Audit Data expected or found		
REP - Lieutenant Governor		Mike Campbell	2	0	2	0	2	0	
REP - Lieutenant Governor		Henry McMaster	5	0	5	0	5	0	
REP - State Superintendent of Education		Sally Atwater	3	0	3	0	3	0	
REP - State Superintendent of Education		Molly Mitchell Spearman	5	0	5	0	5	0	
REP - Auditor		Janet L Ginn	1	0	1	0	1	0	
REP - Auditor		Gwen Kinnard	8	0	8	0	8	0	
0900 Provisional									
DEM - State Superintendent of Education		Sheila C Gallagher	1	1	0	0	* All votes cast for this candidate in this precinct are optical.		
							* No Audit Data for optical.		
DEM - State Superintendent of Education		Tom Thompson	0	0	0	0	* No Audit Data expected or found		
REP - Lieutenant Governor		Mike Campbell	0	0	0	0	* No Audit Data expected or found		
REP - Lieutenant Governor		Henry McMaster	0	0	0	0	* No Audit Data expected or found		
REP - State Superintendent of Education		Sally Atwater	0	0	0	0	* No Audit Data expected or found		
REP - State Superintendent of Education		Molly Mitchell Spearman	0	0	0	0	* No Audit Data expected or found		
REP - Auditor		Janet L Ginn	0	0	0	0	* No Audit Data expected or found		
REP - Auditor		Gwen Kinnard	0	0	0	0	* No Audit Data expected or found		
0950 Failsafe Provisional									
DEM - State Superintendent of Education		Sheila C Gallagher	0	0	0	0	* No Audit Data expected or found		
DEM - State Superintendent of Education		Tom Thompson	0	0	0	0	* No Audit Data expected or found		
REP - Lieutenant Governor		Mike Campbell	0	0	0	0	* No Audit Data expected or found		
REP - Lieutenant Governor		Henry McMaster	0	0	0	0	* No Audit Data expected or found		
REP - State Superintendent of Education		Sally Atwater	0	0	0	0	* No Audit Data expected or found		
REP - State Superintendent of Education		Molly Mitchell Spearman	0	0	0	0	* No Audit Data expected or found		

REP - Auditor	Janet L Ginn	Barnwell	Vote	Audit				
REP - Auditor	Gwen Kinnard		0	0	0	0	0	* No Audit Data expected or found
There was no unmatched audit data			0	0	0	0	0	* No Audit Data expected or found

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

Barnwell EL30A45A Compare

Barnwell EL30A45A Comparison Report
 Election: 2014 Primary Runoff
 Audit Date: 11:53:5, Thu Jun 26, 2014

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
State Superintendent of Education	Sheila C Gallagher		88	2	86	0	88	2	86	0	0
State Superintendent of Education	Tom Thompson		81	0	81	0	81	0	81	0	0
Lieutenant Governor	Mike Campbell		711	6	705	0	711	6	705	0	0
Lieutenant Governor	Henry McMaster		756	14	742	0	756	14	742	0	0
State Superintendent of Education	Sally Atwater		598	7	591	0	598	7	591	0	0
State Superintendent of Education	Molly Mitchell Spearman		860	13	847	0	860	13	847	0	0
Auditor	Janet L Ginn		595	7	588	0	595	7	588	0	0
Auditor	Gwen Kinnard		1002	49	953	0	1002	49	953	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.

Barnwell PEB Use Report
 Election: 2014 Primary Runoff
 Audit Date: 11:51:51, Thu Jun 26, 2014

Precinct	PEBs Used	Comments
Barnwell 1	145455	
Barnwell 2	225479	
Barnwell 3	225419	
Barnwell 4	225488	
Blackville 1	147835	
Blackville 2	225418	
Elko	225429	
Friendship	139370	
Kline	225476	
Healing Springs	144557	
Hilda	207435	
Snelling	207432	
Williston 1	225422	
Williston 2	146847	
Williston 3	207410	
Absentee	137682	
Failsafe	137682	

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.

Barnwell I PEBExceptionsReport

Barnwell PEB Exceptions Report
 Election: 2014 Primary Runoff
 Election date: 06/24/2014
 Audit Date: 11:51:51, Thu Jun 26, 2014

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5117896	137682	06/18/2014 13:50:09	137682	06/24/2014 19:05:46	>>Open Date<<	Absentee - 45 Fail safe - 1
5117896	137682	06/18/2014 13:50:09	137682	06/24/2014 19:05:46	Open Time	Absentee - 45 Fail safe - 1
5128516	137682	06/18/2014 13:49:05	137682	06/24/2014 19:05:23	>>Open Date<<	Absentee - 58 Fail safe - 8
5128516	137682	06/18/2014 13:49:05	137682	06/24/2014 19:05:23	Open Time	Absentee - 58 Fail safe - 8
5128921	137682	06/18/2014 13:46:57	137682	06/24/2014 19:02:51	>>Open Date<<	Absentee - 7
5128921	137682	06/18/2014 13:46:57	137682	06/24/2014 19:02:51	Open Time	Absentee - 7
5130264	137682	06/18/2014 13:52:59	137682	06/24/2014 19:09:06	>>Open Date<<	Absentee - 17
5130264	137682	06/18/2014 13:52:59	137682	06/24/2014 19:09:06	Open Time	Absentee - 17

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 06/24/2014. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.