

Barnwell 2018 Statewide Primary Runoff Audit Report

Barnwell Ballot Audit Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:15:53, Thu Jun 28, 2018

Prec Nber	Precinct Name	EL30A							Audit				Comments
		Total	DS850	M650	DS200	M100	iVo	Flash	iVo	Opt	Man	Delta	
0001	Barnwell 1	47	0	0	0	0	47	0	47	0	0	0	
0002	Barnwell 2	135	0	0	0	0	135	0	135	0	0	0	
0003	Barnwell 3	153	0	0	0	0	153	0	153	0	0	0	
0004	Barnwell 4	70	0	0	0	0	70	0	70	0	0	0	
0005	Blackville 1	51	0	0	0	0	51	0	51	0	0	0	
0006	Blackville 2	38	0	0	0	0	38	0	38	0	0	0	
0007	Elko	80	0	0	0	0	80	0	80	0	0	0	
0008	Friendship	71	0	0	0	0	71	0	71	0	0	0	
0009	Kline	58	0	0	0	0	58	0	58	0	0	0	
0010	Healing Springs	47	0	0	0	0	47	0	47	0	0	0	
0011	Hilda	84	0	0	0	0	84	0	84	0	0	0	
0012	Snelling	119	0	0	0	0	119	0	119	0	0	0	
0013	Williston 1	89	0	0	0	0	89	0	89	0	0	0	
0014	Williston 2	43	0	0	0	0	43	0	43	0	0	0	
0015	Williston 3	90	0	0	0	0	90	0	90	0	0	0	
Precincts Total:		1175	0	0	0	0	1175	0	1175	0	0	0	
0750	Absentee	129	0	0	0	48	81	0	81	0	48	0	
0800	Emergency	0	0	0	0	0	0	0	0	0	0	0	
0850	Fail safe	2	0	0	0	0	2	0	2	0	0	0	
0900	Provisional	0	0	0	0	0	0	0	0	0	0	0	
0950	Fail safe Provisional	0	0	0	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		131	0	0	0	48	83	0	83	0	48	0	
Grand Total:		1306	0	0	0	48	1258	0	1258	0	48	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: 3
 The following precincts have no ballots cast in them: Emergency, Provisional, Fail safe Provisional
 Exception: Manual Entries found
 Manual Entry Details:

Precinct	Candidate	Date	Hour	Min	Group	Old	New	Change	Tabulator	Comments
0750 Absentee	BALLOTS CAST - TOTAL	06-26	18	49pm	4	0	48	48	M100	Updated Successfully
0750 Absentee	BALLOTS CAST - DEMOCRATIC	06-26	18	49pm	4	4	0	29	29	M100 New value does not match final - skipped
0750 Absentee	BALLOTS CAST - REPUBLICAN	06-26	18	49pm	4	4	0	19	19	M100 New value does not match final - skipped

 # This audit has exceptions. #

Barnwell 2018 Statewide Primary Runoff Audit Report

#####

Auditor's Note: Primary optical ballots were used and manual entries made.

Status of ERM Reports
 EL30A is marked Official
 EL45A is marked Official

EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots.

EL30A iVo Ballots	EL155 Ballots	EL152 Ballots	
1258	1258	1258	
Delta from EL30A	0	0	
	Delta from EL155	0	
	Cast By Voter	1258	
	Cast By Poll Wkr	0	
	Blank Cast by PW	0	
	Cancelled Ballots	7	
	Wrong Ballot	2	
	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	3	
	Other Reason	1	

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 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.

Barnwell 2018 Statewide Primary Runoff Audit Report

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.

Barnwell 2018 Statewide Primary Runoff Audit Report

Audit Date: 12:16:44, Thu Jun 28, 2018

Precinct Number / Name Office	Candidate	Party	-EL30A-						-Audit-		Comments
			Total	DS850	M650	DS200	M100	iVo	Flash	iVo	
0001 Barnwell 1 #####											
DEM - U. S. House of Reprs District 2	Sean Carrigan		7	0	0	0	0	7	0	7	0
DEM - U. S. House of Reprs District 2	Annabelle Robertson		3	0	0	0	0	3	0	3	0
REP - Governor	Henry McMaster		28	0	0	0	0	28	0	28	0
REP - Governor	John Warren		9	0	0	0	0	9	0	9	0
REP - Attorney General	Todd Atwater		14	0	0	0	0	14	0	14	0
REP - Attorney General	Alan Wilson		21	0	0	0	0	21	0	21	0
0002 Barnwell 2 #####											
DEM - U. S. House of Reprs District 2	Sean Carrigan		12	0	0	0	0	12	0	12	0
DEM - U. S. House of Reprs District 2	Annabelle Robertson		2	0	0	0	0	2	0	2	0
REP - Governor	Henry McMaster		90	0	0	0	0	90	0	90	0
REP - Governor	John Warren		31	0	0	0	0	31	0	31	0
REP - Attorney General	Todd Atwater		35	0	0	0	0	35	0	35	0
REP - Attorney General	Alan Wilson		81	0	0	0	0	81	0	81	0
0003 Barnwell 3 #####											
DEM - U. S. House of Reprs District 2	Sean Carrigan		12	0	0	0	0	12	0	12	0
DEM - U. S. House of Reprs District 2	Annabelle Robertson		7	0	0	0	0	7	0	7	0
REP - Governor	Henry McMaster		94	0	0	0	0	94	0	94	0
REP - Governor	John Warren		40	0	0	0	0	40	0	40	0
REP - Attorney General	Todd Atwater		41	0	0	0	0	41	0	41	0
REP - Attorney General	Alan Wilson		89	0	0	0	0	89	0	89	0
0004 Barnwell 4 #####											
DEM - U. S. House of Reprs District 2	Sean Carrigan		9	0	0	0	0	9	0	9	0
DEM - U. S. House of Reprs District 2	Annabelle Robertson		8	0	0	0	0	8	0	8	0
REP - Governor	Henry McMaster		40	0	0	0	0	40	0	40	0
REP - Governor	John Warren		12	0	0	0	0	12	0	12	0
REP - Attorney General	Todd Atwater		9	0	0	0	0	9	0	9	0
REP - Attorney General	Alan Wilson		43	0	0	0	0	43	0	43	0
0005 Blackville 1 #####											
DEM - U. S. House of Reprs District 2	Sean Carrigan		14	0	0	0	0	14	0	14	0
DEM - U. S. House of Reprs District 2	Annabelle Robertson		4	0	0	0	0	4	0	4	0
REP - Governor	Henry McMaster		26	0	0	0	0	26	0	26	0
REP - Governor	John Warren		7	0	0	0	0	7	0	7	0
REP - Attorney General	Todd Atwater		13	0	0	0	0	13	0	13	0
REP - Attorney General	Alan Wilson		19	0	0	0	0	19	0	19	0
0006 Blackville 2 #####											
DEM - U. S. House of Reprs District 2	Sean Carrigan		18	0	0	0	0	18	0	18	0

Barnwell 2018 Statewide Primary Runoff Audit Report

DEM - U. S. House of Reprs District 2	Annabelle Robertson	2	0	0	0	0	2	0	2	0
REP - Governor	Henry McMaster	17	0	0	0	0	17	0	17	0
REP - Governor	John Warren	1	0	0	0	0	1	0	1	0
REP - Attorney General	Todd Atwater	8	0	0	0	0	8	0	8	0
REP - Attorney General	Alan Wilson	10	0	0	0	0	10	0	10	0
0007 Elko #####										
DEM - U. S. House of Reprs District 2	Sean Carrigan	30	0	0	0	0	30	0	30	0
DEM - U. S. House of Reprs District 2	Annabelle Robertson	11	0	0	0	0	11	0	11	0
REP - Governor	Henry McMaster	29	0	0	0	0	29	0	29	0
REP - Governor	John Warren	9	0	0	0	0	9	0	9	0
REP - Attorney General	Todd Atwater	11	0	0	0	0	11	0	11	0
REP - Attorney General	Alan Wilson	24	0	0	0	0	24	0	24	0
0008 Friendship #####										
DEM - U. S. House of Reprs District 2	Sean Carrigan	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data expected.	
DEM - U. S. House of Reprs District 2	Annabelle Robertson	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data expected.	
REP - Governor	Henry McMaster	56	0	0	0	0	56	0	56	0
REP - Governor	John Warren	15	0	0	0	0	15	0	15	0
REP - Attorney General	Todd Atwater	24	0	0	0	0	24	0	24	0
REP - Attorney General	Alan Wilson	47	0	0	0	0	47	0	47	0
0009 Kline #####										
DEM - U. S. House of Reprs District 2	Sean Carrigan	13	0	0	0	0	13	0	13	0
DEM - U. S. House of Reprs District 2	Annabelle Robertson	2	0	0	0	0	2	0	2	0
REP - Governor	Henry McMaster	26	0	0	0	0	26	0	26	0
REP - Governor	John Warren	17	0	0	0	0	17	0	17	0
REP - Attorney General	Todd Atwater	9	0	0	0	0	9	0	9	0
REP - Attorney General	Alan Wilson	34	0	0	0	0	34	0	34	0
0010 Healing Springs #####										
DEM - U. S. House of Reprs District 2	Sean Carrigan	14	0	0	0	0	14	0	14	0
DEM - U. S. House of Reprs District 2	Annabelle Robertson	10	0	0	0	0	10	0	10	0
REP - Governor	Henry McMaster	16	0	0	0	0	16	0	16	0
REP - Governor	John Warren	6	0	0	0	0	6	0	6	0
REP - Attorney General	Todd Atwater	7	0	0	0	0	7	0	7	0
REP - Attorney General	Alan Wilson	15	0	0	0	0	15	0	15	0
0011 Hilda #####										
DEM - U. S. House of Reprs District 2	Sean Carrigan	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data expected.	
DEM - U. S. House of Reprs District 2	Annabelle Robertson	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data expected.	
REP - Governor	Henry McMaster	63	0	0	0	0	63	0	63	0
REP - Governor	John Warren	21	0	0	0	0	21	0	21	0
REP - Attorney General	Todd Atwater	21	0	0	0	0	21	0	21	0

Barnwell 2018 Statewide Primary Runoff Audit Report

REP - Attorney General	Alan Wilson	59	0	0	0	0	59	0	59	0
0012 Snelling #####										
DEM - U. S. House of Reprs District 2	Sean Carrigan	4	0	0	0	0	4	0	4	0
DEM - U. S. House of Reprs District 2	Annabelle Robertson	3	0	0	0	0	3	0	3	0
REP - Governor	Henry McMaster	94	0	0	0	0	94	0	94	0
REP - Governor	John Warren	18	0	0	0	0	18	0	18	0
REP - Attorney General	Todd Atwater	37	0	0	0	0	37	0	37	0
REP - Attorney General	Alan Wilson	73	0	0	0	0	73	0	73	0
0013 Williston 1 #####										
DEM - U. S. House of Reprs District 2	Sean Carrigan	17	0	0	0	0	17	0	17	0
DEM - U. S. House of Reprs District 2	Annabelle Robertson	9	0	0	0	0	9	0	9	0
REP - Governor	Henry McMaster	52	0	0	0	0	52	0	52	0
REP - Governor	John Warren	10	0	0	0	0	10	0	10	0
REP - Attorney General	Todd Atwater	16	0	0	0	0	16	0	16	0
REP - Attorney General	Alan Wilson	43	0	0	0	0	43	0	43	0
0014 Williston 2 #####										
DEM - U. S. House of Reprs District 2	Sean Carrigan	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data expected.	
DEM - U. S. House of Reprs District 2	Annabelle Robertson	1	0	0	0	0	1	0	1	0
REP - Governor	Henry McMaster	34	0	0	0	0	34	0	34	0
REP - Governor	John Warren	8	0	0	0	0	8	0	8	0
REP - Attorney General	Todd Atwater	9	0	0	0	0	9	0	9	0
REP - Attorney General	Alan Wilson	30	0	0	0	0	30	0	30	0
0015 Williston 3 #####										
DEM - U. S. House of Reprs District 2	Sean Carrigan	10	0	0	0	0	10	0	10	0
DEM - U. S. House of Reprs District 2	Annabelle Robertson	5	0	0	0	0	5	0	5	0
REP - Governor	Henry McMaster	51	0	0	0	0	51	0	51	0
REP - Governor	John Warren	24	0	0	0	0	24	0	24	0
REP - Attorney General	Todd Atwater	28	0	0	0	0	28	0	28	0
REP - Attorney General	Alan Wilson	43	0	0	0	0	43	0	43	0
0750 Absentee #####										
DEM - U. S. House of Reprs District 2	Sean Carrigan	35	0	0	0	22	13	0	13	0
***** Note: A manual entry was made in this precinct. There is no audit data for a manual entry. Expect no match in Audit data messages.										
DEM - U. S. House of Reprs District 2	Annabelle Robertson	12	0	0	0	7	5	0	5	0
REP - Governor	Henry McMaster	62	0	0	0	15	47	0	47	0
REP - Governor	John Warren	20	0	0	0	4	16	0	16	0
REP - Attorney General	Todd Atwater	26	0	0	0	3	23	0	23	0
REP - Attorney General	Alan Wilson	54	0	0	0	14	40	0	40	0
0800 Emergency #####										
DEM - U. S. House of Reprs District 2	Sean Carrigan	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data	

Barnwell 2018 Statewide Primary Runoff Audit Report

expected.
 DEM - U. S. House of Re ps Di stri ct 2 Annabelle Robertson 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 REP - Governor Henry McMaster 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 REP - Governor John Warren 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 REP - Attorney General Todd Atwater 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 REP - Attorney General Al an Wi l son 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.

0850 Fail safe #####
 DEM - U. S. House of Re ps Di stri ct 2 Sean Carrigan 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 DEM - U. S. House of Re ps Di stri ct 2 Annabelle Robertson 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 REP - Governor Henry McMaster 2 0 0 0 0 2 0 2 0
 REP - Governor John Warren 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 REP - Attorney General Todd Atwater 2 0 0 0 0 2 0 2 0
 REP - Attorney General Al an Wi l son 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.

0900 Provi si onal #####
 DEM - U. S. House of Re ps Di stri ct 2 Sean Carrigan 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 DEM - U. S. House of Re ps Di stri ct 2 Annabelle Robertson 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 REP - Governor Henry McMaster 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 REP - Governor John Warren 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 REP - Attorney General Todd Atwater 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 REP - Attorney General Al an Wi l son 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.

0950 Fai l safe Provi si onal #####
 DEM - U. S. House of Re ps Di stri ct 2 Sean Carrigan 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 DEM - U. S. House of Re ps Di stri ct 2 Annabelle Robertson 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 REP - Governor Henry McMaster 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 REP - Governor John Warren 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data
 expected.
 REP - Attorney General Todd Atwater 0 0 0 0 0 0 0 0 * No Votes Cast - No Audi t Data

Barnwell 2018 Statewide Primary Runoff Audit Report

expected.
REP - Attorney General Alan Wilson 0 0 0 0 0 0 0 * No Votes Cast - No Audit Data
expected.
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.

Barnwell 2018 Statewide Primary Runoff Audit Report

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 Comparison Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:17:5, Thu Jun 28, 2018

EL30A				EL45A												
Office	iVo	Flash	Delta	Candidate	Party	Tot	DS850	M650	DS200	M100	iVo	Flash	Tot	DS850	M650	DS200
U. S. House of Reps District 2	22	173	0	Sean Carrigan		195	0	0	0	22	173	0	195	0	0	0
U. S. House of Reps District 2	7	72	0	Annabelle Robertson		79	0	0	0	7	72	0	79	0	0	0
Governor	15	765	0	Henry McMaster		780	0	0	0	15	765	0	780	0	0	0
Governor	4	244	0	John Warren		248	0	0	0	4	244	0	248	0	0	0
Attorney General	3	307	0	Todd Atwater		310	0	0	0	3	307	0	310	0	0	0
Attorney General	14	671	0	Alan Wilson		685	0	0	0	14	671	0	685	0	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

Barnwell 2018 Statewide Primary Runoff Audit Report

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: 2018 Statewide Primary Runoff
 Audit Date: 12:15:53, Thu Jun 28, 2018

Precinct	PEBs Used	Comments
Barnwell 1	165255	
Barnwell 2	197625	
Barnwell 3	145455	
Barnwell 4	229853	
Blackville 1	150920	
Blackville 2	147271	
Elko	144557	
Friendship	165277	
Kline	165267	
Healing Springs	124872	
Hilda	147455	
Snelling	225429	
Williston 1	166039	
Williston 2	225419	
Williston 3	225418	
Absentee	225476	
Fail safe	225476	

17 precincts processed

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

Barnwell 2018 Statewide Primary Runoff Audit 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 PEB Exceptions Report
 Election: 2018 Statewide Primary Runoff
 Election date: 2018-06-26
 Audit Date: 12:15:53, Thu Jun 28, 2018

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5126449	225476	2018-06-19 16:05:40	225476	2018-06-26 19:05:45	>>Open Date<<	Absentee - 50 Fail safe - 2
5126449	225476	2018-06-19 16:05:40	225476	2018-06-26 19:05:45	Open Time	Absentee - 50 Fail safe - 2
5127705	225476	2018-06-19 16:00:35	225476	2018-06-26 19:02:23	>>Open Date<<	Absentee - 17
5127705	225476	2018-06-19 16:00:35	225476	2018-06-26 19:02:23	Open Time	Absentee - 17
5138572	225476	2018-06-19 16:00:57	225476	2018-06-26 19:02:56	>>Open Date<<	Absentee - 14
5138572	225476	2018-06-19 16:00:57	225476	2018-06-26 19:02:56	Open Time	Absentee - 14

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:

Barnwell 2018 Statewide Primary Runoff Audit Report

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 2018-06-26. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.