

Barnwell Ballot Audit Report

Barnwell Ballot Audit Report
 Election: Republican PPP
 Audit Date: 11:49:51, Thu Feb 25, 2016

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0001	Barnwell 1	83	0	83	0	83	0	0	0	
0002	Barnwell 2	304	0	304	0	304	0	0	0	
0003	Barnwell 3	298	0	298	0	298	0	0	0	
0004	Barnwell 4	142	0	142	0	142	0	0	0	
0005	Blackville 1	80	0	80	0	80	0	0	0	
0006	Blackville 2	66	0	66	0	66	0	0	0	
0007	Elko	113	0	113	0	113	0	0	0	
0008	Friendship	175	0	175	0	175	0	0	0	
0009	Kline	107	0	107	0	107	0	0	0	
0010	Healing Springs	61	0	61	0	61	0	0	0	
0011	Hilda	237	0	237	0	237	0	0	0	
0012	Snelling	209	0	209	0	209	0	0	0	
0013	Williston 1	166	0	166	0	166	0	0	0	
0014	Williston 2	133	0	133	0	133	0	0	0	
0015	Williston 3	182	0	182	0	182	0	0	0	
Precincts Total:		2356	0	2356	0	2356	0	0	0	
0750	Absentee	245	32	213	0	213	32	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	
0850	Fail safe	11	1	10	0	10	1	0	0	
0900	Provisional	0	0	0	0	0	0	0	0	
0950	Fail safe Provisional	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		256	33	223	0	223	33	0	0	
Grand Total:		2612	33	2579	0	2579	33	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: 12
 The following precincts have no ballots cast in them: Emergency, Provisional, 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

Barnwell Ballot Audit Report

2579	2579	2579
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	2578
	Cast By Poll Wkr	1
	Blank Cast by PW	0
	Cancelled Ballots	19
	Wrong Ballot	2
	Voter Left AB	0
	Voter Left BB	1
	Voter Request	4
	Printer Problem	0
	Terminal Problem	2
	Other Reason	10

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

Number of ADA audio enabled events in this election: 5

Precinct Number and Name	Machine	Date	Time
0002 Barnwell 2	5129966	02/12/2016	12:27:29
0008 Friendship	5122925	02/11/2016	11:46:06
0008 Friendship	5120191	02/11/2016	11:48:55
0010 Healing Springs	5123342	02/01/2016	15:05:34
0011 Hilda	5128561	02/11/2016	10:09:29

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.

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

Barnwell Ballot Audit Report

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

Barnwell Ballot Audit Report

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: Republican PPP
 Audit Date: 11:50:12, Thu Feb 25, 2016

Precinct Number / Name Office	Candidate	Party	EL30A				Audit		Comments
			Total	Optical	iVo	Flash	iVo	Delta	
0001 Barnwell 1									
President District 2	Jeb Bush		9	0	9	0	9	0	
President District 2	Ben Carson		13	0	13	0	13	0	
President District 2	Chris Christie		0	0	0	0	* No Audit	Data expected or found	
President District 2	Ted Cruz		14	0	14	0	14	0	
President District 2	Carly Fiorina		0	0	0	0	* No Audit	Data expected or found	
President District 2	Jim Gilmore		0	0	0	0	* No Audit	Data expected or found	
President District 2	Mike Huckabee		1	0	1	0	1	0	
President District 2	John R Kasich		3	0	3	0	3	0	
President District 2	Rand Paul		0	0	0	0	* No Audit	Data expected or found	
President District 2	Marco Rubio		12	0	12	0	12	0	
President District 2	Rick Santorum		0	0	0	0	* No Audit	Data expected or found	
President District 2	Donald J Trump		30	0	30	0	30	0	
0002 Barnwell 2									
President District 2	Jeb Bush		22	0	22	0	22	0	
President District 2	Ben Carson		28	0	28	0	28	0	
President District 2	Chris Christie		0	0	0	0	* No Audit	Data expected or found	
President District 2	Ted Cruz		56	0	56	0	56	0	
President District 2	Carly Fiorina		0	0	0	0	* No Audit	Data expected or found	
President District 2	Jim Gilmore		0	0	0	0	* No Audit	Data expected or found	
President District 2	Mike Huckabee		0	0	0	0	* No Audit	Data expected or found	
President District 2	John R Kasich		12	0	12	0	12	0	
President District 2	Rand Paul		1	0	1	0	1	0	
President District 2	Marco Rubio		78	0	78	0	78	0	
President District 2	Rick Santorum		0	0	0	0	* No Audit	Data expected or found	
President District 2	Donald J Trump		107	0	107	0	107	0	
0003 Barnwell 3									
President District 2	Jeb Bush		5	0	5	0	5	0	
President District 2	Ben Carson		15	0	15	0	15	0	
President District 2	Chris Christie		0	0	0	0	* No Audit	Data expected or found	
President District 2	Ted Cruz		72	0	72	0	72	0	
President District 2	Carly Fiorina		0	0	0	0	* No Audit	Data expected or found	
President District 2	Jim Gilmore		0	0	0	0	* No Audit	Data expected or found	
President District 2	Mike Huckabee		0	0	0	0	* No Audit	Data expected or found	

Barnwell Vote Audit

President District 2	John R Kasich	9	0	9	0	9	0
President District 2	Rand Paul	0	0	0	0	* No Audit Data expected or found	0
President District 2	Marco Rubio	82	0	82	0	82	0
President District 2	Rick Santorum	0	0	0	0	* No Audit Data expected or found	0
President District 2	Donald J Trump	112	0	112	0	112	0
0004 Barnwell 4							
President District 2	Jeb Bush	4	0	4	0	4	0
President District 2	Ben Carson	9	0	9	0	9	0
President District 2	Chris Christie	0	0	0	0	* No Audit Data expected or found	0
President District 2	Ted Cruz	32	0	32	0	32	0
President District 2	Carly Fiorina	0	0	0	0	* No Audit Data expected or found	0
President District 2	Jim Gilmore	0	0	0	0	* No Audit Data expected or found	0
President District 2	Mike Huckabee	1	0	1	0	1	0
President District 2	John R Kasich	6	0	6	0	6	0
President District 2	Rand Paul	0	0	0	0	* No Audit Data expected or found	0
President District 2	Marco Rubio	43	0	43	0	43	0
President District 2	Rick Santorum	0	0	0	0	* No Audit Data expected or found	0
President District 2	Donald J Trump	46	0	46	0	46	0
0005 Blackville 1							
President District 2	Jeb Bush	7	0	7	0	7	0
President District 2	Ben Carson	1	0	1	0	1	0
President District 2	Chris Christie	0	0	0	0	* No Audit Data expected or found	0
President District 2	Ted Cruz	19	0	19	0	19	0
President District 2	Carly Fiorina	0	0	0	0	* No Audit Data expected or found	0
President District 2	Jim Gilmore	0	0	0	0	* No Audit Data expected or found	0
President District 2	Mike Huckabee	0	0	0	0	* No Audit Data expected or found	0
President District 2	John R Kasich	0	0	0	0	* No Audit Data expected or found	0
President District 2	Rand Paul	0	0	0	0	* No Audit Data expected or found	0
President District 2	Marco Rubio	13	0	13	0	13	0
President District 2	Rick Santorum	0	0	0	0	* No Audit Data expected or found	0
President District 2	Donald J Trump	39	0	39	0	39	0
0006 Blackville 2							
President District 2	Jeb Bush	7	0	7	0	7	0
President District 2	Ben Carson	2	0	2	0	2	0
President District 2	Chris Christie	0	0	0	0	* No Audit Data expected or found	0
President District 2	Ted Cruz	9	0	9	0	9	0
President District 2	Carly Fiorina	0	0	0	0	* No Audit Data expected or found	0
President District 2	Jim Gilmore	0	0	0	0	* No Audit Data expected or found	0
President District 2	Mike Huckabee	0	0	0	0	* No Audit Data expected or found	0
President District 2	John R Kasich	0	0	0	0	* No Audit Data expected or found	0
President District 2	Rand Paul	0	0	0	0	* No Audit Data expected or found	0

Barnwell Vote Audit

President District 2	Marco Rubio	13	0	13	0	13	0
President District 2	Rick Santorum	0	0	0	0	* No Audit Data expected or found	0
President District 2	Donald J Trump	34	0	34	0	34	0
0007 Elko							
President District 2	Jeb Bush	7	0	7	0	7	0
President District 2	Ben Carson	7	0	7	0	7	0
President District 2	Chris Christie	0	0	0	0	* No Audit Data expected or found	0
President District 2	Ted Cruz	26	0	26	0	26	0
President District 2	Carly Fiorina	0	0	0	0	* No Audit Data expected or found	0
President District 2	Jim Gilmore	0	0	0	0	* No Audit Data expected or found	0
President District 2	Mike Huckabee	0	0	0	0	* No Audit Data expected or found	0
President District 2	John R Kasich	3	0	3	0	3	0
President District 2	Rand Paul	0	0	0	0	* No Audit Data expected or found	0
President District 2	Marco Rubio	16	0	16	0	16	0
President District 2	Rick Santorum	0	0	0	0	* No Audit Data expected or found	0
President District 2	Donald J Trump	54	0	54	0	54	0
0008 Friendship							
President District 2	Jeb Bush	6	0	6	0	6	0
President District 2	Ben Carson	15	0	15	0	15	0
President District 2	Chris Christie	0	0	0	0	* No Audit Data expected or found	0
President District 2	Ted Cruz	39	0	39	0	39	0
President District 2	Carly Fiorina	0	0	0	0	* No Audit Data expected or found	0
President District 2	Jim Gilmore	0	0	0	0	* No Audit Data expected or found	0
President District 2	Mike Huckabee	1	0	1	0	1	0
President District 2	John R Kasich	0	0	0	0	* No Audit Data expected or found	0
President District 2	Rand Paul	0	0	0	0	* No Audit Data expected or found	0
President District 2	Marco Rubio	32	0	32	0	32	0
President District 2	Rick Santorum	0	0	0	0	* No Audit Data expected or found	0
President District 2	Donald J Trump	82	0	82	0	82	0
0009 Kline							
President District 2	Jeb Bush	4	0	4	0	4	0
President District 2	Ben Carson	7	0	7	0	7	0
President District 2	Chris Christie	0	0	0	0	* No Audit Data expected or found	0
President District 2	Ted Cruz	16	0	16	0	16	0
President District 2	Carly Fiorina	0	0	0	0	* No Audit Data expected or found	0
President District 2	Jim Gilmore	0	0	0	0	* No Audit Data expected or found	0
President District 2	Mike Huckabee	1	0	1	0	1	0
President District 2	John R Kasich	6	0	6	0	6	0
President District 2	Rand Paul	0	0	0	0	* No Audit Data expected or found	0
President District 2	Marco Rubio	23	0	23	0	23	0
President District 2	Rick Santorum	0	0	0	0	* No Audit Data expected or found	0

		Barnwell	Vote	Audit				
President District 2	Donald J Trump	50	0	50	0	50	0	
0010 Healing Springs								
President District 2	Jeb Bush	3	0	3	0	3	0	
President District 2	Ben Carson	7	0	7	0	7	0	
President District 2	Chris Christie	0	0	0	0	* No Audit Data	expected or found	
President District 2	Ted Cruz	12	0	12	0	12	0	
President District 2	Carly Fiorina	0	0	0	0	* No Audit Data	expected or found	
President District 2	Jim Gilmore	0	0	0	0	* No Audit Data	expected or found	
President District 2	Mike Huckabee	0	0	0	0	* No Audit Data	expected or found	
President District 2	John R Kasich	3	0	3	0	3	0	
President District 2	Rand Paul	0	0	0	0	* No Audit Data	expected or found	
President District 2	Marco Rubio	12	0	12	0	12	0	
President District 2	Rick Santorum	0	0	0	0	* No Audit Data	expected or found	
President District 2	Donald J Trump	24	0	24	0	24	0	
0011 Hilda								
President District 2	Jeb Bush	13	0	13	0	13	0	
President District 2	Ben Carson	14	0	14	0	14	0	
President District 2	Chris Christie	0	0	0	0	* No Audit Data	expected or found	
President District 2	Ted Cruz	60	0	60	0	60	0	
President District 2	Carly Fiorina	0	0	0	0	* No Audit Data	expected or found	
President District 2	Jim Gilmore	0	0	0	0	* No Audit Data	expected or found	
President District 2	Mike Huckabee	0	0	0	0	* No Audit Data	expected or found	
President District 2	John R Kasich	6	0	6	0	6	0	
President District 2	Rand Paul	1	0	1	0	1	0	
President District 2	Marco Rubio	39	0	39	0	39	0	
President District 2	Rick Santorum	0	0	0	0	* No Audit Data	expected or found	
President District 2	Donald J Trump	103	0	103	0	103	0	
0012 Snelling								
President District 2	Jeb Bush	6	0	6	0	6	0	
President District 2	Ben Carson	11	0	11	0	11	0	
President District 2	Chris Christie	1	0	1	0	1	0	
President District 2	Ted Cruz	29	0	29	0	29	0	
President District 2	Carly Fiorina	0	0	0	0	* No Audit Data	expected or found	
President District 2	Jim Gilmore	0	0	0	0	* No Audit Data	expected or found	
President District 2	Mike Huckabee	0	0	0	0	* No Audit Data	expected or found	
President District 2	John R Kasich	5	0	5	0	5	0	
President District 2	Rand Paul	1	0	1	0	1	0	
President District 2	Marco Rubio	58	0	58	0	58	0	
President District 2	Rick Santorum	1	0	1	0	1	0	
President District 2	Donald J Trump	97	0	97	0	97	0	

Barnwell I Vote Audit

0013	Williston 1						
President	District 2	Jeb Bush	4	0	4	0	4 0
President	District 2	Ben Carson	16	0	16	0	16 0
President	District 2	Chris Christie	0	0	0	0 *	No Audit Data expected or found
President	District 2	Ted Cruz	29	0	29	0	29 0
President	District 2	Carly Fiorina	0	0	0	0 *	No Audit Data expected or found
President	District 2	Jim Gilmore	0	0	0	0 *	No Audit Data expected or found
President	District 2	Mike Huckabee	0	0	0	0 *	No Audit Data expected or found
President	District 2	John R Kasich	13	0	13	0	13 0
President	District 2	Rand Paul	0	0	0	0 *	No Audit Data expected or found
President	District 2	Marco Rubio	26	0	26	0	26 0
President	District 2	Rick Santorum	0	0	0	0 *	No Audit Data expected or found
President	District 2	Donald J Trump	78	0	78	0	78 0
0014	Williston 2						
President	District 2	Jeb Bush	9	0	9	0	9 0
President	District 2	Ben Carson	9	0	9	0	9 0
President	District 2	Chris Christie	0	0	0	0 *	No Audit Data expected or found
President	District 2	Ted Cruz	25	0	25	0	25 0
President	District 2	Carly Fiorina	0	0	0	0 *	No Audit Data expected or found
President	District 2	Jim Gilmore	0	0	0	0 *	No Audit Data expected or found
President	District 2	Mike Huckabee	0	0	0	0 *	No Audit Data expected or found
President	District 2	John R Kasich	4	0	4	0	4 0
President	District 2	Rand Paul	0	0	0	0 *	No Audit Data expected or found
President	District 2	Marco Rubio	33	0	33	0	33 0
President	District 2	Rick Santorum	0	0	0	0 *	No Audit Data expected or found
President	District 2	Donald J Trump	53	0	53	0	53 0
0015	Williston 3						
President	District 2	Jeb Bush	4	0	4	0	4 0
President	District 2	Ben Carson	10	0	10	0	10 0
President	District 2	Chris Christie	0	0	0	0 *	No Audit Data expected or found
President	District 2	Ted Cruz	45	0	45	0	45 0
President	District 2	Carly Fiorina	0	0	0	0 *	No Audit Data expected or found
President	District 2	Jim Gilmore	0	0	0	0 *	No Audit Data expected or found
President	District 2	Mike Huckabee	1	0	1	0	1 0
President	District 2	John R Kasich	5	0	5	0	5 0
President	District 2	Rand Paul	0	0	0	0 *	No Audit Data expected or found
President	District 2	Marco Rubio	36	0	36	0	36 0
President	District 2	Rick Santorum	0	0	0	0 *	No Audit Data expected or found
President	District 2	Donald J Trump	79	0	79	0	79 0
0750	Absentee						
President	District 2	Jeb Bush	19	4	15	0	15 0

Barnwell I Vote Audit

President District 2	Ben Carson	6	0	6	0	6	0
President District 2	Chris Christie	0	0	0	0	* No Audit Data expected or found	0
President District 2	Ted Cruz	32	6	26	0	26	0
President District 2	Carly Fiorina	0	0	0	0	* No Audit Data expected or found	0
President District 2	Jim Gilmore	0	0	0	0	* No Audit Data expected or found	0
President District 2	Mike Huckabee	1	0	1	0	1	0
President District 2	John R Kasich	16	1	15	0	15	0
President District 2	Rand Paul	0	0	0	0	* No Audit Data expected or found	0
President District 2	Marco Rubio	59	5	54	0	54	0
President District 2	Rick Santorum	0	0	0	0	* No Audit Data expected or found	0
President District 2	Donald J Trump	110	16	94	0	94	0
0800 Emergency							
President District 2	Jeb Bush	0	0	0	0	* No Audit Data expected or found	0
President District 2	Ben Carson	0	0	0	0	* No Audit Data expected or found	0
President District 2	Chris Christie	0	0	0	0	* No Audit Data expected or found	0
President District 2	Ted Cruz	0	0	0	0	* No Audit Data expected or found	0
President District 2	Carly Fiorina	0	0	0	0	* No Audit Data expected or found	0
President District 2	Jim Gilmore	0	0	0	0	* No Audit Data expected or found	0
President District 2	Mike Huckabee	0	0	0	0	* No Audit Data expected or found	0
President District 2	John R Kasich	0	0	0	0	* No Audit Data expected or found	0
President District 2	Rand Paul	0	0	0	0	* No Audit Data expected or found	0
President District 2	Marco Rubio	0	0	0	0	* No Audit Data expected or found	0
President District 2	Rick Santorum	0	0	0	0	* No Audit Data expected or found	0
President District 2	Donald J Trump	0	0	0	0	* No Audit Data expected or found	0
0850 Fail safe							
President District 2	Jeb Bush	0	0	0	0	* No Audit Data expected or found	0
President District 2	Ben Carson	1	0	1	0	1	0
President District 2	Chris Christie	0	0	0	0	* No Audit Data expected or found	0
President District 2	Ted Cruz	1	0	1	0	1	0
President District 2	Carly Fiorina	0	0	0	0	* No Audit Data expected or found	0
President District 2	Jim Gilmore	0	0	0	0	* No Audit Data expected or found	0
President District 2	Mike Huckabee	0	0	0	0	* No Audit Data expected or found	0
President District 2	John R Kasich	0	0	0	0	* No Audit Data expected or found	0
President District 2	Rand Paul	0	0	0	0	* No Audit Data expected or found	0
President District 2	Marco Rubio	0	0	0	0	* No Audit Data expected or found	0
President District 2	Rick Santorum	0	0	0	0	* No Audit Data expected or found	0
President District 2	Donald J Trump	9	1	8	0	8	0
0900 Provisi onal							
President District 2	Jeb Bush	0	0	0	0	* No Audit Data expected or found	0
President District 2	Ben Carson	0	0	0	0	* No Audit Data expected or found	0
President District 2	Chris Christie	0	0	0	0	* No Audit Data expected or found	0

Barnwell I Vote Audit

President District 2	Ted Cruz	0	0	0	0 * No Audit Data expected or found
President District 2	Carly Fiorina	0	0	0	0 * No Audit Data expected or found
President District 2	Jim Gilmore	0	0	0	0 * No Audit Data expected or found
President District 2	Mike Huckabee	0	0	0	0 * No Audit Data expected or found
President District 2	John R Kasich	0	0	0	0 * No Audit Data expected or found
President District 2	Rand Paul	0	0	0	0 * No Audit Data expected or found
President District 2	Marco Rubio	0	0	0	0 * No Audit Data expected or found
President District 2	Rick Santorum	0	0	0	0 * No Audit Data expected or found
President District 2	Donald J Trump	0	0	0	0 * No Audit Data expected or found
0950 Failsafe Provisional					
President District 2	Jeb Bush	0	0	0	0 * No Audit Data expected or found
President District 2	Ben Carson	0	0	0	0 * No Audit Data expected or found
President District 2	Chris Christie	0	0	0	0 * No Audit Data expected or found
President District 2	Ted Cruz	0	0	0	0 * No Audit Data expected or found
President District 2	Carly Fiorina	0	0	0	0 * No Audit Data expected or found
President District 2	Jim Gilmore	0	0	0	0 * No Audit Data expected or found
President District 2	Mike Huckabee	0	0	0	0 * No Audit Data expected or found
President District 2	John R Kasich	0	0	0	0 * No Audit Data expected or found
President District 2	Rand Paul	0	0	0	0 * No Audit Data expected or found
President District 2	Marco Rubio	0	0	0	0 * No Audit Data expected or found
President District 2	Rick Santorum	0	0	0	0 * No Audit Data expected or found
President District 2	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

Barnwell 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

Barnwell EL30A45A Compare

Barnwell EL30A45A Comparison Report
 Election: Republican PPP
 Audit Date: 11:50:19, Thu Feb 25, 2016

Office Delta	EL30A	EL45A	Party	Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash
0	President District 2	Jeb Bush		129	4	125	0	129	4	125	0
0	President District 2	Ben Carson		171	0	171	0	171	0	171	0
0	President District 2	Chris Christie		1	0	1	0	1	0	1	0
0	President District 2	Ted Cruz		516	6	510	0	516	6	510	0
0	President District 2	Carly Fiorina		0	0	0	0	0	0	0	0
0	President District 2	Jim Gilmore		0	0	0	0	0	0	0	0
0	President District 2	Mike Huckabee		6	0	6	0	6	0	6	0
0	President District 2	John R Kasich		91	1	90	0	91	1	90	0
0	President District 2	Rand Paul		3	0	3	0	3	0	3	0
0	President District 2	Marco Rubio		575	5	570	0	575	5	570	0
0	President District 2	Rick Santorum		1	0	1	0	1	0	1	0
0	President District 2	Donald J Trump		1107	17	1090	0	1107	17	1090	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.

Barnwell EL30A45A Compare

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 I PEBUsed

Barnwell I PEB Use Report
Election: Republican PPP
Audit Date: 11:49:51, Thu Feb 25, 2016

Precinct	PEBs Used	Comments
Barnwell 1	147835	
Barnwell 2	207410	
Barnwell 3	145455	
Barnwell 4	137682	
Blackville 1	229867	
Blackville 2	207432	
Elko	144557	
Friendship	146847	
Kline	147906	
Healing Springs	147434	
Hilda	139370	
Snelling	225429	
Williston 1	229869	
Williston 2	225422	
Williston 3	225418	
Absentee	229868	
Fail safe	229868	

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.

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 PEBExceptionsReport

Barnwell PEB Exceptions Report
 Election: Republican PPP
 Election date: 02/20/2016
 Audit Date: 11:49:51, Thu Feb 25, 2016

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5121126	229868	01/18/2016 15:20:47	229868	02/20/2016 19:04:03	>>Open Date<<	Absentee - 163 Fail safe - 8
5121126	229868	01/18/2016 15:20:47	229868	02/20/2016 19:04:03	Open Time	Absentee - 163 Fail safe - 8
5126159	229868	01/18/2016 15:22:42	229868	02/20/2016 19:01:34	>>Open Date<<	Absentee - 50 Fail safe - 2
5126159	229868	01/18/2016 15:22:42	229868	02/20/2016 19:01:34	Open Time	Absentee - 50 Fail safe - 2

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 02/20/2016. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.