

Beaufort Ballot Audit Report

Beaufort Ballot Audit Report

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0101	Beaufort 1	22	0	22	0	22	0	0	0	
0102	Beaufort 2	139	0	139	0	139	0	0	0	
0103	Beaufort 3	151	0	151	0	151	0	0	0	
0110	Burton 1A	116	0	116	0	116	0	0	0	
0111	Burton 1B	18	0	18	0	18	0	0	0	
0113	Burton 2A	119	0	119	0	119	0	0	0	
0114	Burton 2B	134	0	134	0	134	0	0	0	
0115	Burton 2C	227	0	227	0	227	0	0	0	
0116	Burton 3	28	0	28	0	28	0	0	0	
0120	Chechessee 1	212	0	212	0	212	0	0	0	
0121	Chechessee 2	93	0	93	0	93	0	0	0	
0130	Ladys Island 1A	129	0	129	0	129	0	0	0	
0131	Ladys Island 1B	161	0	161	0	161	0	0	0	
0132	Ladys Island 2A	199	0	199	0	199	0	0	0	
0133	Ladys Island 2B	180	0	180	0	180	0	0	0	
0134	Ladys Island 3A	259	0	259	0	259	0	0	0	
0135	Ladys Island 3B	194	0	194	0	194	0	0	0	
0140	Mossy Oaks 1A	128	0	128	0	128	0	0	0	
0141	Mossy Oaks 1B	163	0	163	0	163	0	0	0	
0142	Mossy Oaks 2	116	0	116	0	116	0	0	0	
0150	Port Royal 1	92	0	92	0	92	0	0	0	
0151	Port Royal 2	68	0	68	0	68	0	0	0	
0161	Seabrook 1	47	0	47	0	47	0	0	0	
0180	St Helena 1A	35	0	35	0	35	0	0	0	
0181	St Helena 1B	46	0	46	0	46	0	0	0	
0182	St Helena 1C	393	0	393	0	393	0	0	0	
0183	St Helena 2A	66	0	66	0	66	0	0	0	
0184	St Helena 2B	50	0	50	0	50	0	0	0	
0185	St Helena 2C	177	0	177	0	177	0	0	0	
0200	Daufuskie	36	0	36	0	36	0	0	0	
0201	Hilton Head 1A	26	0	26	0	26	0	0	0	
0202	Hilton Head 1B	74	0	74	0	74	0	0	0	
0203	Hilton Head 2A	95	0	95	0	95	0	0	0	
0204	Hilton Head 2B	43	0	43	0	43	0	0	0	
0205	Hilton Head 2C	220	0	220	0	220	0	0	0	
0206	Hilton Head 3	91	0	91	0	91	0	0	0	
0207	Hilton Head 4A	105	0	105	0	105	0	0	0	
0208	Hilton Head 4B	250	0	250	0	250	0	0	0	
0209	Hilton Head 4C	126	0	126	0	126	0	0	0	
0210	Hilton Head 4D	191	0	191	0	191	0	0	0	
0211	Hilton Head 5A	149	0	149	0	149	0	0	0	
0212	Hilton Head 5B	171	0	171	0	171	0	0	0	
0213	Hilton Head 5C	85	0	85	0	85	0	0	0	
0214	Hilton Head 6	208	0	208	0	208	0	0	0	
0216	Hilton Head 7A	119	0	119	0	119	0	0	0	
0217	Hilton Head 7B	79	0	79	0	79	0	0	0	
0219	Hilton Head 8	79	0	79	0	79	0	0	0	

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0220	Hil lton Head 9A	88	0	88	0	88	0	0	0
0221	Hil lton Head 9B	180	0	180	0	180	0	0	0
0222	Hil lton Head 10	91	0	91	0	91	0	0	0
0223	Hil lton Head 11	148	0	148	0	148	0	0	0
0224	Hil lton Head 12	92	0	92	0	92	0	0	0
0225	Hil lton Head 13	75	0	75	0	75	0	0	0
0226	Hil lton Head 14	172	0	172	0	172	0	0	0
0227	Hil lton Head 15A	121	0	121	0	121	0	0	0
0228	Hil lton Head 15B	153	0	153	0	153	0	0	0
0300	Bel fai r	161	0	161	0	161	0	0	0
0301	Bl uffton 1A	56	0	56	0	56	0	0	0
0302	Bl uffton 1B	50	0	50	0	50	0	0	0
0303	Bl uffton 1C	123	0	123	0	123	0	0	0
0304	Bl uffton 1D	59	0	59	0	59	0	0	0
0305	Bl uffton 2A	42	0	42	0	42	0	0	0
0306	Bl uffton 2B	64	0	64	0	64	0	0	0
0307	Bl uffton 2C	96	0	96	0	96	0	0	0
0308	Moss Creek	248	0	248	0	248	0	0	0
0309	Bl uffton 3B	155	0	155	0	155	0	0	0
0310	Bl uffton 4A	96	0	96	0	96	0	0	0
0311	Bl uffton 4B	124	0	124	0	124	0	0	0
0312	Bl uffton 4C	86	0	86	0	86	0	0	0
0313	Bl uffton 5	66	0	66	0	66	0	0	0
0314	Bl uffton 2D	70	0	70	0	70	0	0	0
0350	Sun Ci ty 1A	260	0	260	0	260	0	0	0
0351	Sun Ci ty 1B	275	0	275	0	275	0	0	0
0352	Sun Ci ty 2	112	0	112	0	112	0	0	0
0353	Sun Ci ty 3A	197	0	197	0	197	0	0	0
0354	Sun Ci ty 3B	196	0	196	0	196	0	0	0
0355	Sun Ci ty 4A	245	0	245	0	245	0	0	0
0356	Sun Ci ty 4B	200	0	200	0	200	0	0	0
0358	Sun Ci ty 5	154	0	154	0	154	0	0	0
0359	Sun Ci ty 6	176	0	176	0	176	0	0	0
Precincts Total :		10340	0	10340	0	10340	0	0	0
0750	Absentee	385	151	234	0	234	0	151	0
0800	Emergency	0	0	0	0	0	0	0	0
0850	Fai l safe	0	0	0	0	0	0	0	0
0900	Provi si onal	13	13	0	0	0	0	13	0
Virtual Precincts Total :		398	164	234	0	234	0	164	0
Grand Total :		10738	164	10574	0	10574	0	164	0

Total number of iVotronic ballots cast containg no votes: 61

NOTE: Any manual entries shown on this report are supported by the Manual Entry Log (EL68).

Notes from the County El ecti on Offi ci als

1. The Primary paper ballots were used in RUN OFF. Hence hand count mandatory (no 650).
2. The Polling locati on at 1st Baptist Church Bl uffton (Bl uffton 1D, 2A, 2C) had poll workers who apparently pulled flash cards prior to closing the IVO machines. Hence audit data had to be manually pulled from 6

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IV0 machines.

3. 1 ABS IV0 did an "Emergency Close." Hence votes and data had to be pulled from the IV0. (IV0 going to factory for repairs)

Auditors Comments: The data supports the comments made by the county Election Officials. It should be noted that the audit data from the machines in the Bluffton 1D, 2A, 2C was done electronically and not manually entered. The seven ballots that came from the machine that had an "Emergency Close", 5130437 were manually entered as can be seen in the EL68 log in the audit data zip file matches the audit data that was recovered from the machine during the normal audit data extraction process from the flash cards.

Because the 151 optical ballots were hand counted, the only audit trail for those ballots are the ballots themselves. Those ballots will be maintained by the county election officials as part of their election documentation for a period of at least 22 months from the date of the election.

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

EL30A Ivo Ballots	EL155 Ballots	EL152 Ballots
10574	10574	10574
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	10567
	Cast By Poll Wkr	7
	Blank Cast by PW	0
	Cancelled Ballots	145
	Wrong Ballot	12
	Voter Left AB	1
	Voter Left BB	4
	Voter Request	13
	Printer Problem	1
	Terminal Problem	30
	Other Reason	84

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

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.

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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.

Beaufort Vote Audit

Beaufort Vote Level Audit Report

Precinct Number / Name Office	Candidate	Party	Total	Optical	EL30A iVo	Flash	Audit iVo	Delta	Comments
0101 Beaufort 1									
Init - U. S. House of Representatives Dist 1	Curtis Bostic	(REP)	9	0	9	0	9	0	
Init - U. S. House of Representatives Dist 1	Mark Sanford	(REP)	12	0	12	0	12	0	
0102 Beaufort 2									
Init - U. S. House of Representatives Dist 1	Curtis Bostic	(REP)	63	0	63	0	63	0	
Init - U. S. House of Representatives Dist 1	Mark Sanford	(REP)	75	0	75	0	75	0	
0103 Beaufort 3									
Init - U. S. House of Representatives Dist 1	Curtis Bostic	(REP)	78	0	78	0	78	0	
Init - U. S. House of Representatives Dist 1	Mark Sanford	(REP)	72	0	72	0	72	0	
0110 Burton 1A									
Init - U. S. House of Representatives Dist 1	Curtis Bostic	(REP)	64	0	64	0	64	0	
Init - U. S. House of Representatives Dist 1	Mark Sanford	(REP)	51	0	51	0	51	0	
0111 Burton 1B									
Init - U. S. House of Representatives Dist 1	Curtis Bostic	(REP)	7	0	7	0	7	0	
Init - U. S. House of Representatives Dist 1	Mark Sanford	(REP)	11	0	11	0	11	0	
0113 Burton 2A									
Init - U. S. House of Representatives Dist 1	Curtis Bostic	(REP)	72	0	72	0	72	0	
Init - U. S. House of Representatives Dist 1	Mark Sanford	(REP)	47	0	47	0	47	0	
0114 Burton 2B									
Init - U. S. House of Representatives Dist 1	Curtis Bostic	(REP)	80	0	80	0	80	0	
Init - U. S. House of Representatives Dist 1	Mark Sanford	(REP)	54	0	54	0	54	0	
0115 Burton 2C									
Init - U. S. House of Representatives Dist 1	Curtis Bostic	(REP)	122	0	122	0	122	0	
Init - U. S. House of Representatives Dist 1	Mark Sanford	(REP)	104	0	104	0	104	0	
0116 Burton 3									
Init - U. S. House of Representatives Dist 1	Curtis Bostic	(REP)	11	0	11	0	11	0	
Init - U. S. House of Representatives Dist 1	Mark Sanford	(REP)	14	0	14	0	14	0	
0120 Chechessee 1									
Init - U. S. House of Representatives Dist 1	Curtis Bostic	(REP)	105	0	105	0	105	0	
Init - U. S. House of Representatives Dist 1	Mark Sanford	(REP)	107	0	107	0	107	0	
0121 Chechessee 2									
Init - U. S. House of Representatives Dist 1	Curtis Bostic	(REP)	44	0	44	0	44	0	
Init - U. S. House of Representatives Dist 1	Mark Sanford	(REP)	48	0	48	0	48	0	
0130 Ladys Island 1A									
Init - U. S. House of Representatives Dist 1	Curtis Bostic	(REP)	54	0	54	0	54	0	

			Beaufort	Vote	Audit				
Init - U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	75	0	75	0	75	0
0131 Ladys Island 1B									
Init - U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	70	0	70	0	70	0
Init - U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	89	0	89	0	89	0
0132 Ladys Island 2A									
Init - U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	82	0	82	0	82	0
Init - U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	115	0	115	0	115	0
0133 Ladys Island 2B									
Init - U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	73	0	73	0	73	0
Init - U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	107	0	107	0	107	0
0134 Ladys Island 3A									
Init - U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	136	0	136	0	136	0
Init - U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	123	0	123	0	123	0
0135 Ladys Island 3B									
Init - U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	84	0	84	0	84	0
Init - U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	110	0	110	0	110	0
0140 Mossy Oaks 1A									
Init - U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	59	0	59	0	59	0
Init - U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	68	0	68	0	68	0
0141 Mossy Oaks 1B									
Init - U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	74	0	74	0	74	0
Init - U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	88	0	88	0	88	0
0142 Mossy Oaks 2									
Init - U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	48	0	48	0	48	0
Init - U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	66	0	66	0	66	0
0150 Port Royal 1									
Init - U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	38	0	38	0	38	0
Init - U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	53	0	53	0	53	0
0151 Port Royal 2									
Init - U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	44	0	44	0	44	0
Init - U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	23	0	23	0	23	0
0161 Seabrook 1									
Init - U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	27	0	27	0	27	0
Init - U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	20	0	20	0	20	0
0180 St Helena 1A									
Init - U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	21	0	21	0	21	0
Init - U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	14	0	14	0	14	0
0181 St Helena 1B									
Init - U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	20	0	20	0	20	0

Init	U. S. House of Representatives	Dist	1	Mark Sanford	Beaufort (REP)	Vote	Audit	26	0	26	0	26	0
0182	St Helena 1C												
Init	- U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			171	0	171	0	171	0
Init	- U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			220	0	220	0	220	0
0183	St Helena 2A												
Init	- U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			22	0	22	0	22	0
Init	- U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			44	0	44	0	44	0
0184	St Helena 2B												
Init	- U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			28	0	28	0	28	0
Init	- U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			22	0	22	0	22	0
0185	St Helena 2C												
Init	- U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			82	0	82	0	82	0
Init	- U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			94	0	94	0	94	0
0200	Daufuskie												
Init	- U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			18	0	18	0	18	0
Init	- U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			18	0	18	0	18	0
0201	Hilton Head 1A												
Init	- U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			15	0	15	0	15	0
Init	- U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			11	0	11	0	11	0
0202	Hilton Head 1B												
Init	- U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			38	0	38	0	38	0
Init	- U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			35	0	35	0	35	0
0203	Hilton Head 2A												
Init	- U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			44	0	44	0	44	0
Init	- U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			50	0	50	0	50	0
0204	Hilton Head 2B												
Init	- U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			28	0	28	0	28	0
Init	- U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			15	0	15	0	15	0
0205	Hilton Head 2C												
Init	- U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			117	0	117	0	117	0
Init	- U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			100	0	100	0	100	0
0206	Hilton Head 3												
Init	- U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			51	0	51	0	51	0
Init	- U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			38	0	38	0	38	0
0207	Hilton Head 4A												
Init	- U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			54	0	54	0	54	0
Init	- U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			51	0	51	0	51	0
0208	Hilton Head 4B												
Init	- U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			133	0	133	0	133	0

				Beaufort	Vote	Audit					
Init	-	U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	116	0	116	0	116	0
0209		Hilton Head 4C									
Init	-	U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	68	0	68	0	68	0
Init	-	U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	57	0	57	0	57	0
0210		Hilton Head 4D									
Init	-	U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	94	0	94	0	94	0
Init	-	U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	95	0	95	0	95	0
0211		Hilton Head 5A									
Init	-	U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	70	0	70	0	70	0
Init	-	U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	78	0	78	0	78	0
0212		Hilton Head 5B									
Init	-	U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	124	0	124	0	124	0
Init	-	U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	46	0	46	0	46	0
0213		Hilton Head 5C									
Init	-	U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	41	0	41	0	41	0
Init	-	U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	42	0	42	0	42	0
0214		Hilton Head 6									
Init	-	U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	125	0	125	0	125	0
Init	-	U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	83	0	83	0	83	0
0216		Hilton Head 7A									
Init	-	U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	69	0	69	0	69	0
Init	-	U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	50	0	50	0	50	0
0217		Hilton Head 7B									
Init	-	U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	45	0	45	0	45	0
Init	-	U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	34	0	34	0	34	0
0219		Hilton Head 8									
Init	-	U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	43	0	43	0	43	0
Init	-	U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	36	0	36	0	36	0
0220		Hilton Head 9A									
Init	-	U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	64	0	64	0	64	0
Init	-	U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	23	0	23	0	23	0
0221		Hilton Head 9B									
Init	-	U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	95	0	95	0	95	0
Init	-	U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	85	0	85	0	85	0
0222		Hilton Head 10									
Init	-	U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	53	0	53	0	53	0
Init	-	U. S. House of Representatives	Dist 1	Mark Sanford	(REP)	38	0	38	0	38	0
0223		Hilton Head 11									
Init	-	U. S. House of Representatives	Dist 1	Curtis Bostic	(REP)	79	0	79	0	79	0



Init	U. S. House of Representatives	Dist	1	Mark Sanford	Beaufort (REP)	Vote	Audit	68	0	68	0	68	0
0224	Hilton Head 12												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			54	0	54	0	54	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			37	0	37	0	37	0
0225	Hilton Head 13												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			33	0	33	0	33	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			41	0	41	0	41	0
0226	Hilton Head 14												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			82	0	82	0	82	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			90	0	90	0	90	0
0227	Hilton Head 15A												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			67	0	67	0	67	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			54	0	54	0	54	0
0228	Hilton Head 15B												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			71	0	71	0	71	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			81	0	81	0	81	0
0300	Bel fair												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			86	0	86	0	86	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			74	0	74	0	74	0
0301	Bluffton 1A												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			24	0	24	0	24	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			32	0	32	0	32	0
0302	Bluffton 1B												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			26	0	26	0	26	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			24	0	24	0	24	0
0303	Bluffton 1C												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			57	0	57	0	57	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			65	0	65	0	65	0
0304	Bluffton 1D												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			41	0	41	0	41	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			17	0	17	0	17	0
0305	Bluffton 2A												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			30	0	30	0	30	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			12	0	12	0	12	0
0306	Bluffton 2B												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			46	0	46	0	46	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)			18	0	18	0	18	0
0307	Bluffton 2C												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)			59	0	59	0	59	0

Init	U. S. House of Representatives	Dist	1	Mark Sanford	Beaufort (REP)	Vote	Audit	37	0	37	0	37	0
0308	Moss Creek												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)	138	0	138	0	138	0	138	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)	110	0	110	0	110	0	110	0
0309	Bluffton 3B												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)	73	0	73	0	73	0	73	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)	81	0	81	0	81	0	81	0
0310	Bluffton 4A												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)	53	0	53	0	53	0	53	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)	43	0	43	0	43	0	43	0
0311	Bluffton 4B												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)	76	0	76	0	76	0	76	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)	48	0	48	0	48	0	48	0
0312	Bluffton 4C												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)	49	0	49	0	49	0	49	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)	37	0	37	0	37	0	37	0
0313	Bluffton 5												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)	42	0	42	0	42	0	42	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)	24	0	24	0	24	0	24	0
0314	Bluffton 2D												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)	40	0	40	0	40	0	40	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)	30	0	30	0	30	0	30	0
0350	Sun City 1A												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)	136	0	136	0	136	0	136	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)	122	0	122	0	122	0	122	0
0351	Sun City 1B												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)	142	0	142	0	142	0	142	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)	130	0	130	0	130	0	130	0
0352	Sun City 2												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)	71	0	71	0	71	0	71	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)	39	0	39	0	39	0	39	0
0353	Sun City 3A												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)	110	0	110	0	110	0	110	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)	87	0	87	0	87	0	87	0
0354	Sun City 3B												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)	113	0	113	0	113	0	113	0
Init	U. S. House of Representatives	Dist	1	Mark Sanford	(REP)	83	0	83	0	83	0	83	0
0355	Sun City 4A												
Init	U. S. House of Representatives	Dist	1	Curtis Bostic	(REP)	120	0	120	0	120	0	120	0

Init	U. S. House of Representatives	Dist	Candidate	Beaufort (REP)	Vote	Audit				
		1	Mark Sanford	(REP)	121	0	121	0	121	0
0356	Sun City 4B									
		1	Curtis Bostic	(REP)	113	0	113	0	113	0
		1	Mark Sanford	(REP)	86	0	86	0	86	0
0358	Sun City 5									
		1	Curtis Bostic	(REP)	86	0	86	0	86	0
		1	Mark Sanford	(REP)	67	0	67	0	67	0
0359	Sun City 6									
		1	Curtis Bostic	(REP)	91	0	91	0	91	0
		1	Mark Sanford	(REP)	85	0	85	0	85	0
0750	Absentee									
		1	Curtis Bostic	(REP)	188	79	109	0	109	0
		1	Mark Sanford	(REP)	195	72	123	0	123	0
0800	Emergency									
		1	Curtis Bostic	(REP)	0	0	0	0	* No Audit Data expected or found	
		1	Mark Sanford	(REP)	0	0	0	0	* No Audit Data expected or found	
0850	Fail safe									
		1	Curtis Bostic	(REP)	0	0	0	0	* No Audit Data expected or found	
		1	Mark Sanford	(REP)	0	0	0	0	* No Audit Data expected or found	
0900	Provisional									
		1	Curtis Bostic	(REP)	8	8	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.	
		1	Mark Sanford	(REP)	5	5	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.	

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

## Beaufort Vote Audit

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. Ocounting 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

Beaufort EL30A45A Compare

Beaufort EL30A45A Comparison Report

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
U. S. House of Representatives Dist 1	Curtis Bostic	(REP)	5581	87	5494	0	5581	87	5494	0	0
U. S. House of Representatives Dist 1	Mark Sanford	(REP)	5096	77	5019	0	5096	77	5019	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.

Beaufort PEB Use Report

Preci nct	PEBs Used	Comments
Beaufort 1	157484	
Beaufort 2	157484	
Beaufort 3	157484	
Burton 1A	156595	156607
Burton 1B	156477	
Burton 2A	157082	
Burton 2B	157082	
Burton 2C	157459	
Burton 3	156477	
Chechessee 1	156471	
Chechessee 2	156471	
Ladys Island 1A	124157	
Ladys Island 1B	217668	
Ladys Island 2A	156492	
Ladys Island 2B	157239	
Ladys Island 3A	156984	
Ladys Island 3B	157257	156951
Mossy Oaks 1A	157243	
Mossy Oaks 1B	157349	
Mossy Oaks 2	157114	
Port Royal 1	156025	
Port Royal 2	156025	
Seabrook 1	149903	
St Helena 1A	156603	
St Helena 1B	157005	
St Helena 1C	156472	
St Helena 2A	155987	
St Helena 2B	156013	
St Helena 2C	218226	
Daufuski e	156074	
Hilton Head 1A	156719	
Hilton Head 1B	156719	
Hilton Head 2A	155954	
Hilton Head 2B	157068	218171
Hilton Head 2C	155986	
Hilton Head 3	157175	
Hilton Head 4A	157348	
Hilton Head 4B	157348	
Hilton Head 4C	156491	
Hilton Head 4D	156491	
Hilton Head 5A	156491	
Hilton Head 5B	157251	
Hilton Head 5C	157251	
Hilton Head 6	218181	
Hilton Head 7A	157382	
Hilton Head 7B	218180	
Hilton Head 8	156469	
Hilton Head 9A	157382	

PEBUsed

Hil ton Head 9B	157382		
Hil ton Head 10	157259		
Hil ton Head 11	156023		
Hil ton Head 12	157268		
Hil ton Head 13	157260		
Hil ton Head 14	156988		
Hil ton Head 15A	218168		
Hil ton Head 15B	156988		
Bel fair	157436		
Bl uffton 1A	157055		
Bl uffton 1B	157055		
Bl uffton 1C	157055		
Bl uffton 1D	156481		
Bl uffton 2A	156481		
Bl uffton 2B	156483		
Bl uffton 2C	156481		
Moss Creek	156157		
Bl uffton 3B	155950		
Bl uffton 4A	157224		
Bl uffton 4B	157224		
Bl uffton 4C	157224		
Bl uffton 5	156483		
Bl uffton 2D	157460		
Sun Ci ty 1A	156478		
Sun Ci ty 1B	156478		
Sun Ci ty 2	156478		
Sun Ci ty 3A	155967		
Sun Ci ty 3B	155967		
Sun Ci ty 4A	156467		
Sun Ci ty 4B	156467		
Sun Ci ty 5	156900		
Sun Ci ty 6	156900		
Absentee	217788	156676	WARNING: 2 PEBs used to open/close machi nes.

81 precincts processed

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.

## PEBExceptionsReport

## Beaufort PEB Exceptions Report

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5124060	217788	03/25/2013 14:27:19	217788	04/02/2013 19:03:31	>>Open Date<<	Absentee - 32
5124060	217788	03/25/2013 14:27:19	217788	04/02/2013 19:03:31	Open Time	Absentee - 32
5125462	156951	04/02/2013 06:48:58	157257	04/02/2013 19:03:09	>>>0/C PEBs<<<	Ladys Island 3B - 64
*** WARNING: iVotronic Machine 5130437 was not closed						
5130691	124157	04/02/2013 07:17:52	124157	04/02/2013 19:12:03	Open Time	Ladys Island 1A - 43
5132913	218171	04/02/2013 07:24:51	157068	04/02/2013 19:05:53	>>>0/C PEBs<<<	Hilton Head 2B - 14
5132913	218171	04/02/2013 07:24:51	157068	04/02/2013 19:05:53	Open Time	Hilton Head 2B - 14
5133556	149903	04/02/2013 07:01:52	149903	04/02/2013 19:05:28	Open Time	Seabrook 1 - 13
5133695	156607	04/02/2013 07:08:30	156595	04/02/2013 19:05:15	>>>0/C PEBs<<<	Burton 1A - 47
5133695	156607	04/02/2013 07:08:30	156595	04/02/2013 19:05:15	Open Time	Burton 1A - 47
5137746	156676	03/25/2013 13:54:21	156676	04/02/2013 19:03:10	>>Open Date<<	Absentee - 81
5137746	156676	03/25/2013 13:54:21	156676	04/02/2013 19:03:10	Open Time	Absentee - 81
5137767	156676	03/25/2013 13:52:29	156676	04/02/2013 19:08:59	>>Open Date<<	Absentee - 15
5137767	156676	03/25/2013 13:52:29	156676	04/02/2013 19:08:59	Open Time	Absentee - 15
5138007	157484	04/02/2013 07:30:00	157484	04/02/2013 20:10:11	Open Time	Beaufort 1 - 5 Beaufort 2 - 19 Beaufort 3 - 19
5138215	157068	03/05/2013 06:36:53	157068	04/02/2013 19:08:19	>>Open Date<<	Hilton Head 2B - 15
5139460	156676	03/25/2013 14:00:02	156676	04/02/2013 19:05:49	>>Open Date<<	Absentee - 36
5139460	156676	03/25/2013 14:00:02	156676	04/02/2013 19:05:49	Open Time	Absentee - 36
5139672	156492	04/02/2013 07:01:18	156492	04/02/2013 19:12:43	Open Time	Ladys Island 2A - 27
5140381	217788	03/25/2013 14:35:09	217788	04/02/2013 19:05:10	>>Open Date<<	Absentee - 63
5140381	217788	03/25/2013 14:35:09	217788	04/02/2013 19:05:10	Open Time	Absentee - 63
5154729	156477	04/02/2013 07:31:50	156477	04/02/2013 19:01:56	Open Time	Burton 1B - 6 Burton 3 - 10

\*\*\* Warning according to the EL152 Audit data, 1 machine was not closed. See above for details.

Auditors Comments: See notes in the Beaufort Ballot Audit Report

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.

PEBExceptionsReport