

Charleston Ballot Audit Report

Charleston Ballot Audit Report

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0104	Deer Park 2A	240	0	240	0	240	0	0	0	
0106	Deer Park 2C	222	0	222	0	222	0	0	0	
0107	Deer Park 3	183	0	183	0	183	0	0	0	
0208	Charleston 8	130	0	130	0	130	0	0	0	
0209	Charleston 9	65	0	65	0	65	0	0	0	
0210	Charleston 10	39	0	39	0	39	0	0	0	
0211	Charleston 11	71	0	71	0	71	0	0	0	
0212	Charleston 12	135	0	135	0	135	0	0	0	
0213	Charleston 13	164	0	164	0	164	0	0	0	
0214	Charleston 14	69	0	69	0	69	0	0	0	
0215	Charleston 15	86	0	86	0	86	0	0	0	
0216	Charleston 16	136	0	136	0	136	0	0	0	
0217	Charleston 17	167	0	167	0	167	0	0	0	
0218	Charleston 18	188	0	188	0	188	0	0	0	
0219	Charleston 19	163	0	163	0	163	0	0	0	
0220	Charleston 20	216	0	216	0	216	0	0	0	
0221	Charleston 21	116	0	116	0	116	0	0	0	
0501	St Andrews 1	61	0	61	0	61	0	0	0	
0502	St Andrews 2	69	0	69	0	69	0	0	0	
0503	St Andrews 3	305	0	305	0	305	0	0	0	
0506	St Andrews 6	3	0	3	0	3	0	0	0	
0507	St Andrews 7	1	0	1	0	1	0	0	0	
0508	St Andrews 8	154	0	154	0	154	0	0	0	
0509	St Andrews 9	224	0	224	0	224	0	0	0	
0515	St Andrews 15	143	0	143	0	143	0	0	0	
0518	St Andrews 18	198	0	198	0	198	0	0	0	
0519	St Andrews 19	85	0	85	0	85	0	0	0	
0525	St Andrews 25	111	0	111	0	111	0	0	0	
0601	N Charleston 1	191	0	191	0	191	0	0	0	
0602	N Charleston 2	54	0	54	0	54	0	0	0	
0604	N Charleston 4	149	0	149	0	149	0	0	0	
0605	N Charleston 5	236	0	236	0	236	0	0	0	
0606	N Charleston 6	197	0	197	0	197	0	0	0	
0607	N Charleston 7	115	0	115	0	115	0	0	0	
0608	N Charleston 8	70	0	70	0	70	0	0	0	
0610	N Charleston 10	128	0	128	0	128	0	0	0	
0611	N Charleston 11	185	0	185	0	185	0	0	0	
0612	N Charleston 12	100	0	100	0	100	0	0	0	
0613	N Charleston 13	98	0	98	0	98	0	0	0	
0614	N Charleston 14	77	0	77	0	77	0	0	0	
0615	N Charleston 15	101	0	101	0	101	0	0	0	
0616	N Charleston 16	118	0	118	0	118	0	0	0	
0617	N Charleston 17	89	0	89	0	89	0	0	0	
0618	N Charleston 18	164	0	164	0	164	0	0	0	
0619	N Charleston 19	125	0	125	0	125	0	0	0	
0621	N Charleston 21	134	0	134	0	134	0	0	0	
0622	N Charleston 22	83	0	83	0	83	0	0	0	

					Charleston Ballot Audit Report				
0624	N Charleston 24	151	0	151	0	151	0	0	0
0625	N Charleston 25	115	0	115	0	115	0	0	0
0626	N Charleston 26	65	0	65	0	65	0	0	0
0627	N Charleston 27	78	0	78	0	78	0	0	0
0628	N Charleston 28	42	0	42	0	42	0	0	0
0629	N Charleston 29	59	0	59	0	59	0	0	0
0630	N Charleston 30	307	0	307	0	307	0	0	0
Precincts Total:		6975	0	6975	0	6975	0	0	0
0750	Absentee	801	428	373	0	373	428	0	0
0800	Emergency	0	0	0	0	0	0	0	0
0850	Fail safe	18	2	16	0	16	2	0	0
0900	Provisional	11	11	0	0	0	11	0	0
Virtual Precincts Total:		830	441	389	0	389	441	0	0
Grand Total:		7805	441	7364	0	7364	441	0	0

Total number of iVotronic ballots cast containing no votes: 49

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

Auditors Comments: Audit is complete with no exceptions.

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

EL30A iVo Ballots	EL155 Ballots	EL152 Ballots	
7364	7364	7364	
Delta from EL30A	0	0	
	Delta from EL155	0	
	Cast By Voter	7363	
	Cast By Poll Wkr	1	
	Blank Cast by PW	0	
	Cancelled Ballots	21	
	Wrong Ballot	4	
	Voter Left AB	0	(AB = After ballot selected by poll worker.)
	Voter Left BB	1	(BB = Before ballot selected by poll worker.)
	Voter Request	3	
	Printer Problem	2	
	Terminal Problem	2	
	Other Reason	9	

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.

Charleston Ballot Audit Report

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.

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.

Charleston Vote Level Audit Report

Charleston Vote Audit

Precinct Number / Name Office	Candidate	Party	EL30A				Audit		Comments
			Total	Optical	iVo	Flash	iVo	Delta	
0104 Deer Park 2A									
State Senate District 42	Billy Shuman	(REP)	126	0	126	0	126	0	
State Senate District 42	Alex Thornton	(LIB)	4	0	4	0	4	0	
State Senate District 42	Marlon Kimpton	(DEM)	110	0	110	0	110	0	
State Senate District 42	Write-in		0	0	0	0	*	No Audit Data expected or found	
0106 Deer Park 2C									
State Senate District 42	Billy Shuman	(REP)	151	0	151	0	151	0	
State Senate District 42	Alex Thornton	(LIB)	4	0	4	0	4	0	
State Senate District 42	Marlon Kimpton	(DEM)	67	0	67	0	67	0	
State Senate District 42	Write-in		0	0	0	0	*	No Audit Data expected or found	
0107 Deer Park 3									
State Senate District 42	Billy Shuman	(REP)	97	0	97	0	97	0	
State Senate District 42	Alex Thornton	(LIB)	1	0	1	0	1	0	
State Senate District 42	Marlon Kimpton	(DEM)	84	0	84	0	84	0	
State Senate District 42	Write-in		0	0	0	0	*	No Audit Data expected or found	
0208 Charleston 8									
State Senate District 42	Billy Shuman	(REP)	1	0	1	0	1	0	
State Senate District 42	Alex Thornton	(LIB)	0	0	0	0	*	No Audit Data expected or found	
State Senate District 42	Marlon Kimpton	(DEM)	129	0	129	0	129	0	
State Senate District 42	Write-in		0	0	0	0	*	No Audit Data expected or found	
0209 Charleston 9									
State Senate District 42	Billy Shuman	(REP)	2	0	2	0	2	0	
State Senate District 42	Alex Thornton	(LIB)	1	0	1	0	1	0	
State Senate District 42	Marlon Kimpton	(DEM)	62	0	62	0	62	0	
State Senate District 42	Write-in		0	0	0	0	*	No Audit Data expected or found	
0210 Charleston 10									
State Senate District 42	Billy Shuman	(REP)	2	0	2	0	2	0	
State Senate District 42	Alex Thornton	(LIB)	0	0	0	0	*	No Audit Data expected or found	
State Senate District 42	Marlon Kimpton	(DEM)	37	0	37	0	37	0	
State Senate District 42	Write-in		0	0	0	0	*	No Audit Data expected or found	
0211 Charleston 11									
State Senate District 42	Billy Shuman	(REP)	8	0	8	0	8	0	
State Senate District 42	Alex Thornton	(LIB)	4	0	4	0	4	0	
State Senate District 42	Marlon Kimpton	(DEM)	58	0	58	0	58	0	
State Senate District 42	Write-in		0	0	0	0	*	No Audit Data expected or found	
0212 Charleston 12									
State Senate District 42	Billy Shuman	(REP)	21	0	21	0	21	0	
State Senate District 42	Alex Thornton	(LIB)	0	0	0	0	*	No Audit Data expected or found	
State Senate District 42	Marlon Kimpton	(DEM)	113	0	113	0	113	0	

			Charleston	Vote	Audit			
State Senate District 42	Write-in			0	0	0	0	* No Audit Data expected or found
0213 Charleston 13								
State Senate District 42	Billy Shuman	(REP)		4	0	4	0	4 0
State Senate District 42	Alex Thornton	(LIB)		3	0	3	0	3 0
State Senate District 42	Marlon Kimpton	(DEM)		156	0	156	0	156 0
State Senate District 42	Write-in			0	0	0	0	* No Audit Data expected or found
0214 Charleston 14								
State Senate District 42	Billy Shuman	(REP)		0	0	0	0	* No Audit Data expected or found
State Senate District 42	Alex Thornton	(LIB)		0	0	0	0	* No Audit Data expected or found
State Senate District 42	Marlon Kimpton	(DEM)		68	0	68	0	68 0
State Senate District 42	Write-in			0	0	0	0	* No Audit Data expected or found
0215 Charleston 15								
State Senate District 42	Billy Shuman	(REP)		1	0	1	0	1 0
State Senate District 42	Alex Thornton	(LIB)		1	0	1	0	1 0
State Senate District 42	Marlon Kimpton	(DEM)		83	0	83	0	83 0
State Senate District 42	Write-in			0	0	0	0	* No Audit Data expected or found
0216 Charleston 16								
State Senate District 42	Billy Shuman	(REP)		3	0	3	0	3 0
State Senate District 42	Alex Thornton	(LIB)		1	0	1	0	1 0
State Senate District 42	Marlon Kimpton	(DEM)		132	0	132	0	132 0
State Senate District 42	Write-in			0	0	0	0	* No Audit Data expected or found
0217 Charleston 17								
State Senate District 42	Billy Shuman	(REP)		20	0	20	0	20 0
State Senate District 42	Alex Thornton	(LIB)		1	0	1	0	1 0
State Senate District 42	Marlon Kimpton	(DEM)		146	0	146	0	146 0
State Senate District 42	Write-in			0	0	0	0	* No Audit Data expected or found
0218 Charleston 18								
State Senate District 42	Billy Shuman	(REP)		3	0	3	0	3 0
State Senate District 42	Alex Thornton	(LIB)		0	0	0	0	* No Audit Data expected or found
State Senate District 42	Marlon Kimpton	(DEM)		183	0	183	0	183 0
State Senate District 42	Write-in			0	0	0	0	* No Audit Data expected or found
0219 Charleston 19								
State Senate District 42	Billy Shuman	(REP)		2	0	2	0	2 0
State Senate District 42	Alex Thornton	(LIB)		1	0	1	0	1 0
State Senate District 42	Marlon Kimpton	(DEM)		156	0	156	0	156 0
State Senate District 42	Write-in			0	0	0	0	* No Audit Data expected or found
0220 Charleston 20								
State Senate District 42	Billy Shuman	(REP)		16	0	16	0	16 0
State Senate District 42	Alex Thornton	(LIB)		4	0	4	0	4 0
State Senate District 42	Marlon Kimpton	(DEM)		193	0	193	0	193 0
State Senate District 42	Write-in			0	0	0	0	* No Audit Data expected or found
0221 Charleston 21								
State Senate District 42	Billy Shuman	(REP)		4	0	4	0	4 0

				Charleston Vote Audit				
State Senate District 42	Alex Thornton	(LIB)	1	0	1	0	1	0
State Senate District 42	Marlon Kimpton	(DEM)	109	0	109	0	109	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0501 St Andrews 1								
State Senate District 42	Billy Shuman	(REP)	5	0	5	0	5	0
State Senate District 42	Alex Thornton	(LIB)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Marlon Kimpton	(DEM)	56	0	56	0	56	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0502 St Andrews 2								
State Senate District 42	Billy Shuman	(REP)	35	0	35	0	35	0
State Senate District 42	Alex Thornton	(LIB)	2	0	2	0	2	0
State Senate District 42	Marlon Kimpton	(DEM)	32	0	32	0	32	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0503 St Andrews 3								
State Senate District 42	Billy Shuman	(REP)	10	0	10	0	10	0
State Senate District 42	Alex Thornton	(LIB)	5	0	5	0	5	0
State Senate District 42	Marlon Kimpton	(DEM)	286	0	286	0	286	0
State Senate District 42	Write-in		1	0	1	0	1	0
0506 St Andrews 6								
State Senate District 42	Billy Shuman	(REP)	2	0	2	0	2	0
State Senate District 42	Alex Thornton	(LIB)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Marlon Kimpton	(DEM)	1	0	1	0	1	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0507 St Andrews 7								
State Senate District 42	Billy Shuman	(REP)	1	0	1	0	1	0
State Senate District 42	Alex Thornton	(LIB)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Marlon Kimpton	(DEM)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0508 St Andrews 8								
State Senate District 42	Billy Shuman	(REP)	4	0	4	0	4	0
State Senate District 42	Alex Thornton	(LIB)	2	0	2	0	2	0
State Senate District 42	Marlon Kimpton	(DEM)	147	0	147	0	147	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0509 St Andrews 9								
State Senate District 42	Billy Shuman	(REP)	7	0	7	0	7	0
State Senate District 42	Alex Thornton	(LIB)	1	0	1	0	1	0
State Senate District 42	Marlon Kimpton	(DEM)	215	0	215	0	215	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0515 St Andrews 15								
State Senate District 42	Billy Shuman	(REP)	4	0	4	0	4	0
State Senate District 42	Alex Thornton	(LIB)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Marlon Kimpton	(DEM)	137	0	137	0	137	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	

Charleston Vote Audit

0518	St Andrews 18							
State Senate District 42	Billy Shuman	(REP)	29	0	29	0	29	0
State Senate District 42	Alex Thornton	(LIB)	2	0	2	0	2	0
State Senate District 42	Marlon Kimpton	(DEM)	167	0	167	0	167	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0519	St Andrews 19							
State Senate District 42	Billy Shuman	(REP)	3	0	3	0	3	0
State Senate District 42	Alex Thornton	(LIB)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Marlon Kimpton	(DEM)	80	0	80	0	80	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0525	St Andrews 25							
State Senate District 42	Billy Shuman	(REP)	26	0	26	0	26	0
State Senate District 42	Alex Thornton	(LIB)	7	0	7	0	7	0
State Senate District 42	Marlon Kimpton	(DEM)	78	0	78	0	78	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0601	N Charleston 1							
State Senate District 42	Billy Shuman	(REP)	2	0	2	0	2	0
State Senate District 42	Alex Thornton	(LIB)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Marlon Kimpton	(DEM)	189	0	189	0	189	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0602	N Charleston 2							
State Senate District 42	Billy Shuman	(REP)	3	0	3	0	3	0
State Senate District 42	Alex Thornton	(LIB)	1	0	1	0	1	0
State Senate District 42	Marlon Kimpton	(DEM)	50	0	50	0	50	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0604	N Charleston 4							
State Senate District 42	Billy Shuman	(REP)	12	0	12	0	12	0
State Senate District 42	Alex Thornton	(LIB)	1	0	1	0	1	0
State Senate District 42	Marlon Kimpton	(DEM)	136	0	136	0	136	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0605	N Charleston 5							
State Senate District 42	Billy Shuman	(REP)	4	0	4	0	4	0
State Senate District 42	Alex Thornton	(LIB)	1	0	1	0	1	0
State Senate District 42	Marlon Kimpton	(DEM)	231	0	231	0	231	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0606	N Charleston 6							
State Senate District 42	Billy Shuman	(REP)	5	0	5	0	5	0
State Senate District 42	Alex Thornton	(LIB)	1	0	1	0	1	0
State Senate District 42	Marlon Kimpton	(DEM)	189	0	189	0	189	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0607	N Charleston 7							
State Senate District 42	Billy Shuman	(REP)	3	0	3	0	3	0
State Senate District 42	Alex Thornton	(LIB)	3	0	3	0	3	0
State Senate District 42	Marlon Kimpton	(DEM)	107	0	107	0	107	0

State	Senate District	Charleston	Vote	Audit				
State	Senate District 42	Write-in		0	0	0	0	0 * No Audit Data expected or found
0608	N Charleston 8							
State	Senate District 42	Billy Shuman	(REP)	29	0	29	0	29
State	Senate District 42	Alex Thornton	(LIB)	4	0	4	0	4
State	Senate District 42	Marlon Kimpton	(DEM)	36	0	36	0	36
State	Senate District 42	Write-in		1	0	1	0	1
0610	N Charleston 10							
State	Senate District 42	Billy Shuman	(REP)	18	0	18	0	18
State	Senate District 42	Alex Thornton	(LIB)	0	0	0	0	0 * No Audit Data expected or found
State	Senate District 42	Marlon Kimpton	(DEM)	108	0	108	0	108
State	Senate District 42	Write-in		0	0	0	0	0 * No Audit Data expected or found
0611	N Charleston 11							
State	Senate District 42	Billy Shuman	(REP)	147	0	147	0	147
State	Senate District 42	Alex Thornton	(LIB)	1	0	1	0	1
State	Senate District 42	Marlon Kimpton	(DEM)	37	0	37	0	37
State	Senate District 42	Write-in		0	0	0	0	0 * No Audit Data expected or found
0612	N Charleston 12							
State	Senate District 42	Billy Shuman	(REP)	62	0	62	0	62
State	Senate District 42	Alex Thornton	(LIB)	5	0	5	0	5
State	Senate District 42	Marlon Kimpton	(DEM)	32	0	32	0	32
State	Senate District 42	Write-in		0	0	0	0	0 * No Audit Data expected or found
0613	N Charleston 13							
State	Senate District 42	Billy Shuman	(REP)	16	0	16	0	16
State	Senate District 42	Alex Thornton	(LIB)	1	0	1	0	1
State	Senate District 42	Marlon Kimpton	(DEM)	81	0	81	0	81
State	Senate District 42	Write-in		0	0	0	0	0 * No Audit Data expected or found
0614	N Charleston 14							
State	Senate District 42	Billy Shuman	(REP)	30	0	30	0	30
State	Senate District 42	Alex Thornton	(LIB)	3	0	3	0	3
State	Senate District 42	Marlon Kimpton	(DEM)	44	0	44	0	44
State	Senate District 42	Write-in		0	0	0	0	0 * No Audit Data expected or found
0615	N Charleston 15							
State	Senate District 42	Billy Shuman	(REP)	14	0	14	0	14
State	Senate District 42	Alex Thornton	(LIB)	3	0	3	0	3
State	Senate District 42	Marlon Kimpton	(DEM)	84	0	84	0	84
State	Senate District 42	Write-in		0	0	0	0	0 * No Audit Data expected or found
0616	N Charleston 16							
State	Senate District 42	Billy Shuman	(REP)	26	0	26	0	26
State	Senate District 42	Alex Thornton	(LIB)	3	0	3	0	3
State	Senate District 42	Marlon Kimpton	(DEM)	89	0	89	0	89
State	Senate District 42	Write-in		0	0	0	0	0 * No Audit Data expected or found
0617	N Charleston 17							
State	Senate District 42	Billy Shuman	(REP)	1	0	1	0	1

			Charleston Vote Audit					
State Senate District 42	Alex Thornton	(LIB)	3	0	3	0	3	0
State Senate District 42	Marlon Kimpton	(DEM)	84	0	84	0	84	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0618 N Charleston 18								
State Senate District 42	Billy Shuman	(REP)	41	0	41	0	41	0
State Senate District 42	Alex Thornton	(LIB)	2	0	2	0	2	0
State Senate District 42	Marlon Kimpton	(DEM)	118	0	118	0	118	0
State Senate District 42	Write-in		1	0	1	0	1	0
0619 N Charleston 19								
State Senate District 42	Billy Shuman	(REP)	14	0	14	0	14	0
State Senate District 42	Alex Thornton	(LIB)	3	0	3	0	3	0
State Senate District 42	Marlon Kimpton	(DEM)	107	0	107	0	107	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0621 N Charleston 21								
State Senate District 42	Billy Shuman	(REP)	41	0	41	0	41	0
State Senate District 42	Alex Thornton	(LIB)	3	0	3	0	3	0
State Senate District 42	Marlon Kimpton	(DEM)	90	0	90	0	90	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0622 N Charleston 22								
State Senate District 42	Billy Shuman	(REP)	17	0	17	0	17	0
State Senate District 42	Alex Thornton	(LIB)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Marlon Kimpton	(DEM)	66	0	66	0	66	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0624 N Charleston 24								
State Senate District 42	Billy Shuman	(REP)	28	0	28	0	28	0
State Senate District 42	Alex Thornton	(LIB)	1	0	1	0	1	0
State Senate District 42	Marlon Kimpton	(DEM)	122	0	122	0	122	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0625 N Charleston 25								
State Senate District 42	Billy Shuman	(REP)	3	0	3	0	3	0
State Senate District 42	Alex Thornton	(LIB)	2	0	2	0	2	0
State Senate District 42	Marlon Kimpton	(DEM)	107	0	107	0	107	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0626 N Charleston 26								
State Senate District 42	Billy Shuman	(REP)	4	0	4	0	4	0
State Senate District 42	Alex Thornton	(LIB)	1	0	1	0	1	0
State Senate District 42	Marlon Kimpton	(DEM)	60	0	60	0	60	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0627 N Charleston 27								
State Senate District 42	Billy Shuman	(REP)	14	0	14	0	14	0
State Senate District 42	Alex Thornton	(LIB)	1	0	1	0	1	0
State Senate District 42	Marlon Kimpton	(DEM)	60	0	60	0	60	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	

Charleston Vote Audit

0628	N Charleston 28							
State Senate District 42	Billy Shuman	(REP)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Alex Thornton	(LIB)	3	0	3	0	3	0
State Senate District 42	Marlon Kimpton	(DEM)	39	0	39	0	39	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0629	N Charleston 29							
State Senate District 42	Billy Shuman	(REP)	13	0	13	0	13	0
State Senate District 42	Alex Thornton	(LIB)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Marlon Kimpton	(DEM)	46	0	46	0	46	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0630	N Charleston 30							
State Senate District 42	Billy Shuman	(REP)	85	0	85	0	85	0
State Senate District 42	Alex Thornton	(LIB)	2	0	2	0	2	0
State Senate District 42	Marlon Kimpton	(DEM)	216	0	216	0	216	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0750	Absentee							
State Senate District 42	Billy Shuman	(REP)	243	187	56	0	56	0
State Senate District 42	Alex Thornton	(LIB)	4	2	2	0	2	0
State Senate District 42	Marlon Kimpton	(DEM)	549	237	312	0	312	0
State Senate District 42	Write-in		2	1	1	0	1	0
0800	Emergency							
State Senate District 42	Billy Shuman	(REP)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Alex Thornton	(LIB)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Marlon Kimpton	(DEM)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0850	Fail safe							
State Senate District 42	Billy Shuman	(REP)	1	0	1	0	1	0
State Senate District 42	Alex Thornton	(LIB)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Marlon Kimpton	(DEM)	17	2	15	0	15	0
State Senate District 42	Write-in		0	0	0	0	* No Audit Data expected or found	
0900	Provisional							
State Senate District 42	Billy Shuman	(REP)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Alex Thornton	(LIB)	0	0	0	0	* No Audit Data expected or found	
State Senate District 42	Marlon Kimpton	(DEM)	10	10	0	0	* All votes cast for this candidate in this precinct are optical.	
							* No Audit Data for optical.	
State Senate District 42	Write-in		1	1	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.

Charleston Vote Audit

This is the vote level report. It compares the number of votes cast for each candidate in the tabulation report with the number of ballots cast in the audit data for each candidates in each precinct.

The tabulated values as read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. In the EL30A report all Write-in votes are added together and reported as one candidate name - Write-in. The EL30A does not report individual Write-in candidates.

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

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

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

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

The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine. Counting the number of times a candidate name for a contest appears in a precinct we get the number of votes cast in that precinct for that candidates. That number should always match the number of votes cast for that candidate in that contest in the iVo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total votes does not match the EL30A iVo value one of two things will occur. The first is if the iVotronic tabulated is zero and the Total tabulated votes match the tabulated Optical votes the following comment is made in the Audit side of the report; All votes cast for this candidate in this precinct are optical No Audit Data for optical, or secondly, if the iVotronic total is not zero, a notation indicating which data Audit data. In the event a candidate or the combined Write-in candidates did not receive any votes in a precinct the EL30A will report a zero vote count. If there are no votes for this candidate in a precinct in the audit data, the following comment will be placed into the audit report by the auditing software; No Audit Data expected or found.

Finally the audit software will search the audit data for any votes that were not found on the EL30A report. If it finds some, it will report those vote totals by contest, candidate name and precinct. if it does not find any unmatched audit data it will report; There was no unmatched audit data

Charleston EL30A45A Compare

Charleston EL30A45A Comparison Report

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
State Senate District 42	Billy Shuman	(REP)	1463	187	1276	0	1463	187	1276	0	0
State Senate District 42	Alex Thornton	(LIB)	97	2	95	0	97	2	95	0	0
State Senate District 42	Marlon Kimpson	(DEM)	6189	249	5940	0	6189	249	5940	0	0
State Senate District 42	Write-in		6	2	4	0	6	2	4	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 precinct 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.

Charleston PEB Use Report

PEBUsed

Precinct	PEBs Used	Comments
Deer Park 2A	157595	
Deer Park 2C	157595	
Deer Park 3	152614	
Charleston 8	156615	
Charleston 9	156615	
Charleston 10	156548	
Charleston 11	156548	
Charleston 12	156195	
Charleston 13	156195	
Charleston 14	156519	
Charleston 15	156615	
Charleston 16	156519	
Charleston 17	157162	
Charleston 18	157162	
Charleston 19	178309	
Charleston 20	178309	
Charleston 21	156272	
St Andrews 1	152929	
St Andrews 2	152929	
St Andrews 3	189165	
St Andrews 6	156515	
St Andrews 7	156209	
St Andrews 8	156514	
St Andrews 9	189165	
St Andrews 15	156514	
St Andrews 18	156514	
St Andrews 19	157530	
St Andrews 25	156611	
N Charleston 1	157176	
N Charleston 2	157481	
N Charleston 4	155879	
N Charleston 5	156509	
N Charleston 6	156810	
N Charleston 7	156810	
N Charleston 8	157168	
N Charleston 10	152549	
N Charleston 11	156523	
N Charleston 12	145316	
N Charleston 13	156631	
N Charleston 14	152649	
N Charleston 15	156231	
N Charleston 16	152649	
N Charleston 17	157200	
N Charleston 18	146207	
N Charleston 19	155879	
N Charleston 21	157649	
N Charleston 22	157649	
N Charleston 24	157485	

PEBUsed

N Charleston 25	156643
N Charleston 26	155865
N Charleston 27	156894
N Charleston 28	156008
N Charleston 29	156894
N Charleston 30	157069
Absentee	157622
Fail safe	157622

56 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

Charleston PEB Exceptions Report

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5121541	157622	08/30/2013 14:47:37	157622	10/01/2013 19:01:55	>>Open Date<<	Absentee - 193 Fail safe - 13
5121541	157622	08/30/2013 14:47:37	157622	10/01/2013 19:01:55	Open Time	Absentee - 193 Fail safe - 13
5132487	156231	10/01/2013 07:05:37	156231	10/01/2013 19:02:34	Open Time	N Charleston 15 - 81
5134622	156231	10/01/2013 07:05:26	156231	10/01/2013 19:03:22	Open Time	N Charleston 15 - 20
5136082	157200	10/01/2013 07:03:52	157200	10/01/2013 19:05:16	Open Time	N Charleston 17 - 12
5136261	157622	08/30/2013 14:49:44	157622	10/01/2013 19:07:19	>>Open Date<<	Absentee - 180 Fail safe - 3
5136261	157622	08/30/2013 14:49:44	157622	10/01/2013 19:07:19	Open Time	Absentee - 180 Fail safe - 3
5139927	189165	10/01/2013 13:48:17	189165	10/01/2013 19:09:33	Open Time	St Andrews 3 - 39 St Andrews 9 - 20
5140425	156810	10/01/2013 08:38:30	156810	10/01/2013 19:13:03	Open Time	N Charleston 6 - 95 N Charleston 7 - 52

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.