

Sumter 2016 Statewide Runoff Audit Report

Sumter Ballot Audit Report
 Election: 2016 Statewide Runoff
 Audit Date: 11:01:34, Thu Jun 30, 2016

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	i Vo	Flash	i Vo	Opt	Man	Del ta	
0101	Rembert	334	0	334	0	334	0	0	0	
0102	Horatio	76	0	76	0	76	0	0	0	
0103	Hillcrest	68	0	68	0	68	0	0	0	
0104	Oakland Plant #1	53	0	53	0	53	0	0	0	
0105	Dalzell	47	0	47	0	47	0	0	0	
0106	Dalzell 2	46	0	46	0	46	0	0	0	
0107	Oswego	129	0	129	0	129	0	0	0	
0108	Mayesville	53	0	53	0	53	0	0	0	
0109	Salem	18	0	18	0	18	0	0	0	
0110	Oakland Plant #2	40	0	40	0	40	0	0	0	
0111	McCray's Mill #1	56	0	56	0	56	0	0	0	
0112	St. John	48	0	48	0	48	0	0	0	
0113	Mayewood	114	0	114	0	114	0	0	0	
0114	Turkey Creek	53	0	53	0	53	0	0	0	
0115	Mulberry	55	0	55	0	55	0	0	0	
0116	Salterstown	55	0	55	0	55	0	0	0	
0117	Folsom Park	38	0	38	0	38	0	0	0	
0118	Green Swamp 1	83	0	83	0	83	0	0	0	
0119	Palmetto Park	52	0	52	0	52	0	0	0	
0120	Burns-Downs	68	0	68	0	68	0	0	0	
0121	Second Mill	177	0	177	0	177	0	0	0	
0122	Swan Lake	94	0	94	0	94	0	0	0	
0123	Morris College	50	0	50	0	50	0	0	0	
0124	Hampton Park	78	0	78	0	78	0	0	0	
0125	Crosswell	43	0	43	0	43	0	0	0	
0126	Loring	32	0	32	0	32	0	0	0	
0127	Lemira	45	0	45	0	45	0	0	0	
0128	Magnolia-Harmony	17	0	17	0	17	0	0	0	
0129	Stone Hill	27	0	27	0	27	0	0	0	
0130	South Red Bay	26	0	26	0	26	0	0	0	
0131	Wilder	33	0	33	0	33	0	0	0	
0132	Pocotaligo #1	81	0	81	0	81	0	0	0	
0133	Savage - Glover	10	0	10	0	10	0	0	0	
0134	Bates	36	0	36	0	36	0	0	0	
0135	Birnie	29	0	29	0	29	0	0	0	
0136	South Liberty	26	0	26	0	26	0	0	0	
0137	Millwood	20	0	20	0	20	0	0	0	
0138	Causeway Branch 1	74	0	74	0	74	0	0	0	
0139	McCray's Mill #2	77	0	77	0	77	0	0	0	
0140	Sumter High #1	14	0	14	0	14	0	0	0	
0141	Sunset	80	0	80	0	80	0	0	0	

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0142	Delaine	126	0	126	0	126	0	0	0
0143	Cherryvale	33	0	33	0	33	0	0	0
0144	Manchester Forest	59	0	59	0	59	0	0	0
0145	Pinewood	53	0	53	0	53	0	0	0
0146	Pocotaligo #2	34	0	34	0	34	0	0	0
0147	Privateer	70	0	70	0	70	0	0	0
0148	Ebenezer 1	49	0	49	0	49	0	0	0
0149	Wilson Hall	170	0	170	0	170	0	0	0
0150	Furman	53	0	53	0	53	0	0	0
0151	Spectrum	43	0	43	0	43	0	0	0
0152	St. Paul	69	0	69	0	69	0	0	0
0153	Shaw	0	0	0	0	0	0	0	0
0154	Thomas Sumter	69	0	69	0	69	0	0	0
0155	Sumter High #2	61	0	61	0	61	0	0	0
0156	Ebenezer 2	72	0	72	0	72	0	0	0
0157	Green Swamp 2	112	0	112	0	112	0	0	0
0158	Causeway Branch 2	57	0	57	0	57	0	0	0
Precincts Total:		3685	0	3685	0	3685	0	0	0
0750	Absentee	1099	731	368	0	368	731	0	0
0800	Emergency	0	0	0	0	0	0	0	0
0850	Fail safe	0	0	0	0	0	0	0	0
0900	Provisional	0	0	0	0	0	0	0	0
0950	Fail safe Provisional	1	1	0	0	0	1	0	0
Virtual Precincts Total:		1100	732	368	0	368	732	0	0
Grand Total:		4785	732	4053	0	4053	732	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: 15

The following precincts have no ballots cast in them: Shaw, Emergency, Fail safe, Provisional

This audit is complete and has no exceptions.

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

EL30A Ivo Ballots	EL155 Ballots	EL152 Ballots
4053	4053	4053
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	4049
	Cast By Poll Wkr	4
	Blank Cast by PW	0

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Cancelled Ballots	39
Wrong Ballot	6
Voter Left AB	1
Voter Left BB	3
Voter Request	3
Printer Problem	1
Terminal Problem	5
Other Reason	20

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

Number of audio (ADA) events in this election: 0

Note: The following machines(s) have audit records but no ballots were cast on them: 5128166, 5132174, 5187898
 Because they do not have ballots cast, they cannot be matched to a precinct. This is not an issue as long as the EL30A Ivo Ballots, the EL155 Ballots and the EL152 Ballots match in the table immediately above.

How to read this report.

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

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

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

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

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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 nubmer ballots cast in the EL30A match the numbers in the EL155 and the EL152 report. Then there are some statistics pulled from the EL152 repor 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.

 Sumter Vote Level Audit Report
 Election: 2016 Statewide Runoff
 Audit Date: 11:06:13, Thu Jun 30, 2016

Precinct Number / Name Office	Candidate	Party	-----EL30A-----				-----Audit-----		Comments
			Total	Optical	iVo	Flash	iVo	Delta	
0101 Rembert									
DEM - State House of Rep Dist 50	Tom Drayton		75	0	75	0	75	0	
DEM - State House of Rep Dist 50	Will Wheeler		219	0	219	0	219	0	
DEM - Coroner	Robbie Baker		142	0	142	0	142	0	
DEM - Coroner	Harvin Bullock		159	0	159	0	159	0	
DEM - County Council District 1	Caleb Mack Kershaw Jr		162	0	162	0	162	0	
DEM - County Council District 1	Chris Sumpter		169	0	169	0	169	0	

0102 Horatio

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DEM - Coroner	Robbie Baker	38	0	38	0	38	0
DEM - Coroner	Harvin Bullock	32	0	32	0	32	0
DEM - County Council District 1	Caleb Mack Kershaw Jr	24	0	24	0	24	0
DEM - County Council District 1	Chris Sumpter	49	0	49	0	49	0
0103 Hillcrest							
DEM - State House of Rep Dist 50	Tom Drayton	12	0	12	0	12	0
DEM - State House of Rep Dist 50	Will Wheeler	26	0	26	0	26	0
DEM - Coroner	Robbie Baker	37	0	37	0	37	0
DEM - Coroner	Harvin Bullock	30	0	30	0	30	0
DEM - County Council District 1	Caleb Mack Kershaw Jr	24	0	24	0	24	0
DEM - County Council District 1	Chris Sumpter	44	0	44	0	44	0
0104 Oakland Plant #1							
DEM - Coroner	Robbie Baker	16	0	16	0	16	0
DEM - Coroner	Harvin Bullock	37	0	37	0	37	0
0105 Dalzell							
DEM - State House of Rep Dist 50	Tom Drayton	11	0	11	0	11	0
DEM - State House of Rep Dist 50	Will Wheeler	17	0	17	0	17	0
DEM - Coroner	Robbie Baker	22	0	22	0	22	0
DEM - Coroner	Harvin Bullock	25	0	25	0	25	0
0106 Dalzell 2							
DEM - State House of Rep Dist 50	Tom Drayton	9	0	9	0	9	0
DEM - State House of Rep Dist 50	Will Wheeler	32	0	32	0	32	0
DEM - Coroner	Robbie Baker	22	0	22	0	22	0
DEM - Coroner	Harvin Bullock	23	0	23	0	23	0
0107 Oswego							
DEM - State House of Rep Dist 50	Tom Drayton	22	0	22	0	22	0
DEM - State House of Rep Dist 50	Will Wheeler	73	0	73	0	73	0
DEM - Coroner	Robbie Baker	90	0	90	0	90	0
DEM - Coroner	Harvin Bullock	38	0	38	0	38	0
0108 Mayesville							
DEM - Coroner	Robbie Baker	26	0	26	0	26	0
DEM - Coroner	Harvin Bullock	26	0	26	0	26	0
0109 Salem							
DEM - Coroner	Robbie Baker	6	0	6	0	6	0
DEM - Coroner	Harvin Bullock	11	0	11	0	11	0
0110 Oakland Plant #2							
DEM - Coroner	Robbie Baker	15	0	15	0	15	0
DEM - Coroner	Harvin Bullock	25	0	25	0	25	0
0111 McCray's Mill #1							

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DEM - Coroner	Robbie Baker	30	0	30	0	30	0
DEM - Coroner	Harvin Bullock	26	0	26	0	26	0
0112 St. John							
DEM - Coroner	Robbie Baker	8	0	8	0	8	0
DEM - Coroner	Harvin Bullock	39	0	39	0	39	0
0113 Mayewood							
DEM - Coroner	Robbie Baker	90	0	90	0	90	0
DEM - Coroner	Harvin Bullock	23	0	23	0	23	0
0114 Turkey Creek							
DEM - Coroner	Robbie Baker	36	0	36	0	36	0
DEM - Coroner	Harvin Bullock	17	0	17	0	17	0
0115 Mulberry							
DEM - Coroner	Robbie Baker	38	0	38	0	38	0
DEM - Coroner	Harvin Bullock	17	0	17	0	17	0
0116 Salterstown							
DEM - Coroner	Robbie Baker	34	0	34	0	34	0
DEM - Coroner	Harvin Bullock	21	0	21	0	21	0
0117 Folsom Park							
DEM - Coroner	Robbie Baker	22	0	22	0	22	0
DEM - Coroner	Harvin Bullock	16	0	16	0	16	0
0118 Green Swamp 1							
DEM - Coroner	Robbie Baker	35	0	35	0	35	0
DEM - Coroner	Harvin Bullock	47	0	47	0	47	0
0119 Palmetto Park							
DEM - Coroner	Robbie Baker	34	0	34	0	34	0
DEM - Coroner	Harvin Bullock	18	0	18	0	18	0
0120 Burns-Downs							
DEM - Coroner	Robbie Baker	42	0	42	0	42	0
DEM - Coroner	Harvin Bullock	26	0	26	0	26	0
0121 Second Mill							
DEM - Coroner	Robbie Baker	94	0	94	0	94	0
DEM - Coroner	Harvin Bullock	83	0	83	0	83	0
0122 Swan Lake							
DEM - Coroner	Robbie Baker	52	0	52	0	52	0
DEM - Coroner	Harvin Bullock	42	0	42	0	42	0
0123 Morris College							

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DEM - Coroner	Robbie Baker	27	0	27	0	27	0
DEM - Coroner	Harvin Bullock	23	0	23	0	23	0
0124 Hampton Park							
DEM - Coroner	Robbie Baker	29	0	29	0	29	0
DEM - Coroner	Harvin Bullock	49	0	49	0	49	0
0125 Crosswell							
DEM - Coroner	Robbie Baker	31	0	31	0	31	0
DEM - Coroner	Harvin Bullock	12	0	12	0	12	0
0126 Lori ng							
DEM - Coroner	Robbie Baker	19	0	19	0	19	0
DEM - Coroner	Harvin Bullock	13	0	13	0	13	0
0127 Lemi ra							
DEM - Coroner	Robbie Baker	20	0	20	0	20	0
DEM - Coroner	Harvin Bullock	25	0	25	0	25	0
0128 Magnol i a-Harmony							
DEM - Coroner	Robbie Baker	8	0	8	0	8	0
DEM - Coroner	Harvin Bullock	9	0	9	0	9	0
0129 Stone Hi ll							
DEM - Coroner	Robbie Baker	16	0	16	0	16	0
DEM - Coroner	Harvin Bullock	11	0	11	0	11	0
0130 South Red Bay							
DEM - Coroner	Robbie Baker	17	0	17	0	17	0
DEM - Coroner	Harvin Bullock	9	0	9	0	9	0
0131 Wi l der							
DEM - Coroner	Robbie Baker	10	0	10	0	10	0
DEM - Coroner	Harvin Bullock	22	0	22	0	22	0
0132 Pocotal i go #1							
DEM - Coroner	Robbie Baker	41	0	41	0	41	0
DEM - Coroner	Harvin Bullock	39	0	39	0	39	0
0133 Savage - Gl over							
DEM - Coroner	Robbie Baker	4	0	4	0	4	0
DEM - Coroner	Harvin Bullock	6	0	6	0	6	0
0134 Bates							
DEM - Coroner	Robbie Baker	23	0	23	0	23	0
DEM - Coroner	Harvin Bullock	13	0	13	0	13	0
0135 Bi rni e							

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DEM - Coroner	Robbie Baker	14	0	14	0	14	0
DEM - Coroner	Harvin Bullock	15	0	15	0	15	0
0136 South Liberty							
DEM - Coroner	Robbie Baker	19	0	19	0	19	0
DEM - Coroner	Harvin Bullock	6	0	6	0	6	0
0137 Millwood							
DEM - Coroner	Robbie Baker	9	0	9	0	9	0
DEM - Coroner	Harvin Bullock	11	0	11	0	11	0
0138 Causeway Branch 1							
DEM - Coroner	Robbie Baker	35	0	35	0	35	0
DEM - Coroner	Harvin Bullock	39	0	39	0	39	0
0139 McCray's Mill #2							
DEM - Coroner	Robbie Baker	46	0	46	0	46	0
DEM - Coroner	Harvin Bullock	30	0	30	0	30	0
0140 Sumter High #1							
DEM - Coroner	Robbie Baker	8	0	8	0	8	0
DEM - Coroner	Harvin Bullock	6	0	6	0	6	0
0141 Sunset							
DEM - Coroner	Robbie Baker	49	0	49	0	49	0
DEM - Coroner	Harvin Bullock	31	0	31	0	31	0
0142 Delaine							
DEM - Coroner	Robbie Baker	65	0	65	0	65	0
DEM - Coroner	Harvin Bullock	58	0	58	0	58	0
DEM - County Council District 1	Caleb Mack Kershaw Jr	51	0	51	0	51	0
DEM - County Council District 1	Chris Sumpter	75	0	75	0	75	0
0143 Cherryvale							
DEM - Coroner	Robbie Baker	10	0	10	0	10	0
DEM - Coroner	Harvin Bullock	22	0	22	0	22	0
DEM - County Council District 1	Caleb Mack Kershaw Jr	15	0	15	0	15	0
DEM - County Council District 1	Chris Sumpter	17	0	17	0	17	0
0144 Manchester Forest							
DEM - Coroner	Robbie Baker	33	0	33	0	33	0
DEM - Coroner	Harvin Bullock	25	0	25	0	25	0
DEM - County Council District 1	Caleb Mack Kershaw Jr	21	0	21	0	21	0
DEM - County Council District 1	Chris Sumpter	37	0	37	0	37	0
0145 Pinewood							
DEM - Coroner	Robbie Baker	28	0	28	0	28	0
DEM - Coroner	Harvin Bullock	25	0	25	0	25	0

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0146	Pocotaligo #2							
DEM - Coroner		Robbie Baker	26	0	26	0	26	0
DEM - Coroner		Harvin Bullock	8	0	8	0	8	0
0147	Privateer							
DEM - Coroner		Robbie Baker	41	0	41	0	41	0
DEM - Coroner		Harvin Bullock	29	0	29	0	29	0
0148	Ebenezer 1							
DEM - State House of Rep Dist 50		Tom Drayton	14	0	14	0	14	0
DEM - State House of Rep Dist 50		Will Wheeler	31	0	31	0	31	0
DEM - Coroner		Robbie Baker	21	0	21	0	21	0
DEM - Coroner		Harvin Bullock	27	0	27	0	27	0
0149	Wilson Hall							
DEM - Coroner		Robbie Baker	89	0	89	0	89	0
DEM - Coroner		Harvin Bullock	81	0	81	0	81	0
0150	Furman							
DEM - Coroner		Robbie Baker	34	0	34	0	34	0
DEM - Coroner		Harvin Bullock	19	0	19	0	19	0
0151	Spectrum							
DEM - Coroner		Robbie Baker	24	0	24	0	24	0
DEM - Coroner		Harvin Bullock	18	0	18	0	18	0
0152	St. Paul							
DEM - Coroner		Robbie Baker	43	0	43	0	43	0
DEM - Coroner		Harvin Bullock	26	0	26	0	26	0
DEM - County Council District 1		Caleb Mack Kershaw Jr	28	0	28	0	28	0
DEM - County Council District 1		Chris Sumpter	38	0	38	0	38	0
0153	Shaw							
DEM - Coroner		Robbie Baker	0	0	0	0	* No Audit Data expected or found	
DEM - Coroner		Harvin Bullock	0	0	0	0	* No Audit Data expected or found	
0154	Thomas Sumter							
DEM - State House of Rep Dist 50		Tom Drayton	11	0	11	0	11	0
DEM - State House of Rep Dist 50		Will Wheeler	50	0	50	0	50	0
DEM - Coroner		Robbie Baker	37	0	37	0	37	0
DEM - Coroner		Harvin Bullock	31	0	31	0	31	0
DEM - County Council District 1		Caleb Mack Kershaw Jr	9	0	9	0	9	0
DEM - County Council District 1		Chris Sumpter	24	0	24	0	24	0
0155	Sumter High #2							
DEM - Coroner		Robbie Baker	45	0	45	0	45	0
DEM - Coroner		Harvin Bullock	16	0	16	0	16	0

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0156	Ebenezer 2							
DEM - Coroner		Robbie Baker	47	0	47	0	47	0
DEM - Coroner		Harvin Bullock	25	0	25	0	25	0
0157	Green Swamp 2							
DEM - Coroner		Robbie Baker	47	0	47	0	47	0
DEM - Coroner		Harvin Bullock	65	0	65	0	65	0
0158	Causeway Branch 2							
DEM - Coroner		Robbie Baker	28	0	28	0	28	0
DEM - Coroner		Harvin Bullock	29	0	29	0	29	0
0750	Absentee							
DEM - State House of Rep Dist 50		Tom Drayton	26	12	14	0	14	0
DEM - State House of Rep Dist 50		Will Wheeler	137	99	38	0	38	0
DEM - Coroner		Robbie Baker	500	272	228	0	228	0
DEM - Coroner		Harvin Bullock	594	454	140	0	140	0
DEM - County Council District 1		Caleb Mack Kershaw Jr	62	40	22	0	22	0
DEM - County Council District 1		Chris Sumpter	112	67	45	0	45	0
0800	Emergency							
DEM - State House of Rep Dist 50		Tom Drayton	0	0	0	0	* No Audit Data expected or found	
DEM - State House of Rep Dist 50		Will Wheeler	0	0	0	0	* No Audit Data expected or found	
DEM - Coroner		Robbie Baker	0	0	0	0	* No Audit Data expected or found	
DEM - Coroner		Harvin Bullock	0	0	0	0	* No Audit Data expected or found	
DEM - County Council District 1		Caleb Mack Kershaw Jr	0	0	0	0	* No Audit Data expected or found	
DEM - County Council District 1		Chris Sumpter	0	0	0	0	* No Audit Data expected or found	
0850	Failsafe							
DEM - State House of Rep Dist 50		Tom Drayton	0	0	0	0	* No Audit Data expected or found	
DEM - State House of Rep Dist 50		Will Wheeler	0	0	0	0	* No Audit Data expected or found	
DEM - Coroner		Robbie Baker	0	0	0	0	* No Audit Data expected or found	
DEM - Coroner		Harvin Bullock	0	0	0	0	* No Audit Data expected or found	
DEM - County Council District 1		Caleb Mack Kershaw Jr	0	0	0	0	* No Audit Data expected or found	
DEM - County Council District 1		Chris Sumpter	0	0	0	0	* No Audit Data expected or found	
0900	Provisional							
DEM - State House of Rep Dist 50		Tom Drayton	0	0	0	0	* No Audit Data expected or found	
DEM - State House of Rep Dist 50		Will Wheeler	0	0	0	0	* No Audit Data expected or found	
DEM - Coroner		Robbie Baker	0	0	0	0	* No Audit Data expected or found	
DEM - Coroner		Harvin Bullock	0	0	0	0	* No Audit Data expected or found	
DEM - County Council District 1		Caleb Mack Kershaw Jr	0	0	0	0	* No Audit Data expected or found	
DEM - County Council District 1		Chris Sumpter	0	0	0	0	* No Audit Data expected or found	
0950	Failsafe Provisional							
DEM - Coroner		Robbie Baker	1	1	0	0	* All votes cast for this candidate in this precinct are optical.	

Sumter 2016 Statewide Runoff Audit Report

DEM - Coroner
There was no unmatched audit data

Harvin Bullock

0 0 0

* No Audit Data for optical.
0 * No Audit Data expected or found

How to read this report.

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

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

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

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

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

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

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

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

Sumter 2016 Statewide Runoff Audit Report

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

 Sumter EL30A45A Comparison Report
 Election: 2016 Statewide Runoff
 Audit Date: 11:7:22, Thu Jun 30, 2016

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
State House of Rep Dist 50	Tom Drayton		180	12	168	0	180	12	168	0	0
State House of Rep Dist 50	Will Wheeler		585	99	486	0	585	99	486	0	0
Coroner	Robbie Baker		2473	273	2200	0	2473	273	2200	0	0
Coroner	Harvin Bullock		2248	454	1794	0	2248	454	1794	0	0
County Council District 1	Caleb Mack Kershaw Jr		396	40	356	0	396	40	356	0	0
County Council District 1	Chris Sumpter		565	67	498	0	565	67	498	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.

Sumter 2016 Statewide Runoff Audit Report

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.

Sumter PEB Use Report

Electi on: 2016 Statewi de Runoff

Audi t Date: 11:01:34, Thu Jun 30, 2016

Preci nct	PEBs Used	Comments
Rembert	156332	
Horati o	158063	
Hi ll crest	156691	
Oakl and Pl ant #1	156680	
Dal zell	158086	
Dal zell 2	156743	
Oswego	156850	
Mayesvi lle	156975	
Sal em	156967	
Oakl and Pl ant #2	158119	
McCray' s Mi ll #1	156925	
St. John	156970	
Mayewood	225415	
Turkey Creek	158067	
Mul berry	156889	
Sal terstown	156969	
Fol som Park	156826	
Green Swamp 1	156891	
Palmetto Park	156908	
Burns-Downs	156870	
Second Mi ll	156866	
Swan Lake	156976	
Morri s Col l ege	156749	
Hampton Park	156926	
Crosswel l	156854	
Lori ng	156971	
Lemi ra	205677	
Magnol i a-Harmony	156543	
Stone Hi ll	158009	
South Red Bay	199226	
Wi l der	156181	
Pocotal i go #1	156730	
Savage - Gl over	156977	

Sumter 2016 Statewide Runoff Audit Report

Bates	158073
Birnie	156974
South Liberty	199322
Millwood	156635
Causeway Branch 1	158066
McCray's Mill #2	156377
Sumter High #1	158069
Sunset	158052
Delaine	156940
Cherryvale	158078
Manchester Forest	156824
Pinewood	242879
Pocotaligo #2	156789
Privateer	242907
Ebenezer 1	156372
Wilson Hall	155871
Furman	156848
Spectrum	158005
St. Paul	156338
Thomas Sumter	156978
Sumter High #2	242908
Ebenezer 2	158109
Green Swamp 2	156943
Causeway Branch 2	156849
Absentee	156143

58 precincts processed

The following precinct(s) have no ballots cast in them: Shaw, Emergency, Failsafe, Provisional
Note: if there are no ballots cast in a precinct the machines in that precinct cannot be identified so these precinct(s) will not appear in this report.

How to read this report.

This is the PEB Used report. It lists the precincts found in the Audit data and lists all the PEBs that were used by the poll workers to open and close the iVotronic machines in that precinct.

If more than one PEB is used to open and close all the iVotronic machines in a precinct, then the County Election Commission must read ALL the PEBs used in that precinct to assure that they have collected all the ballots from that precinct. A county whose report shows a precinct that has machines open or closed by more than one PEB should double check the Ballot Audit Report against the iVotronic paper tapes and the Poll Book to make sure that all the ballots have been collected and tabulated.

Sumter 2016 Statewide Runoff Audit Report

Sumter PEB Exceptions Report
 Election: 2016 Statewide Runoff
 Election date: 06/28/2016
 Audit Date: 11:01:34, Thu Jun 30, 2016

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5107279	156143	06/22/2016 10:15:20	156143	06/28/2016 19:10:36	>>Open Date<<	Absentee - 117
5107279	156143	06/22/2016 10:15:20	156143	06/28/2016 19:10:36	Open Time	Absentee - 117
5115228	156866	06/28/2016 07:21:13	156866	06/28/2016 19:03:06	Open Time	Second Mill - 48
5122147	156143	06/22/2016 10:13:21	156143	06/28/2016 19:07:41	>>Open Date<<	Absentee - 1
5122147	156143	06/22/2016 10:13:21	156143	06/28/2016 19:07:41	Open Time	Absentee - 1
5125647	156848	06/28/2016 07:17:11	156848	06/28/2016 19:01:37	Open Time	Furman - 35
5126651	156143	06/22/2016 10:15:17	156143	06/28/2016 19:11:33	>>Open Date<<	Absentee - 46
5126651	156143	06/22/2016 10:15:17	156143	06/28/2016 19:11:33	Open Time	Absentee - 46
5133825	156848	06/28/2016 07:19:08	156848	06/28/2016 19:04:48	Open Time	Furman - 18
5137898	156143	06/22/2016 10:09:35	156143	06/28/2016 19:03:20	>>Open Date<<	Absentee - 204
5137898	156143	06/22/2016 10:09:35	156143	06/28/2016 19:03:20	Open Time	Absentee - 204

The following machine(s) have audit records but no ballots were cast on them: 5128166, 5132174, 5187898
 Because they do not have ballots cast, they cannot be matched to a precinct.

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 Failsafe precinct machines are opened during the middle of the day several days before the election date
 of 06/28/2016. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.