

Sumter 2017 Congress 5 Runoff Audit Report

Sumter Ballot Audit Report
 Election: 2017 Congress 5 Runoff
 Audit Date: 11:19:18, Thu May 18, 2017

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	i Vo	Flash	i Vo	Opt	Man	Delta	
0101	Rembert	25	0	25	0	25	0	0	0	
0102	Horatio	85	0	85	0	85	0	0	0	
0103	Hillcrest	29	0	29	0	29	0	0	0	
0104	Oakland Plant #1	112	0	112	0	112	0	0	0	
0105	Dalzell	63	0	63	0	63	0	0	0	
0106	Dalzell 2	25	0	25	0	25	0	0	0	
0107	Oswego	66	0	66	0	66	0	0	0	
0110	Oakland Plant #2	86	0	86	0	86	0	0	0	
0111	McCray's Mill #1	48	0	48	0	48	0	0	0	
0113	Mayewood	9	0	9	0	9	0	0	0	
0114	Turkey Creek	8	0	8	0	8	0	0	0	
0115	Mulberry	5	0	5	0	5	0	0	0	
0116	Salterstown	39	0	39	0	39	0	0	0	
0117	Folsom Park	9	0	9	0	9	0	0	0	
0118	Green Swamp 1	66	0	66	0	66	0	0	0	
0119	Palmetto Park	38	0	38	0	38	0	0	0	
0120	Burns-Downs	60	0	60	0	60	0	0	0	
0121	Second Mill	131	0	131	0	131	0	0	0	
0122	Swan Lake	97	0	97	0	97	0	0	0	
0124	Hampton Park	48	0	48	0	48	0	0	0	
0131	Wilder	2	0	2	0	2	0	0	0	
0132	Pocotaligo #1	53	0	53	0	53	0	0	0	
0135	Birnie	1	0	1	0	1	0	0	0	
0136	South Liberty	4	0	4	0	4	0	0	0	
0137	Millwood	25	0	25	0	25	0	0	0	
0138	Causeway Branch 1	50	0	50	0	50	0	0	0	
0139	McCray's Mill #2	63	0	63	0	63	0	0	0	
0140	Sumter High #1	12	0	12	0	12	0	0	0	
0141	Sunset	58	0	58	0	58	0	0	0	
0142	Delaine	127	0	127	0	127	0	0	0	
0143	Cherryvale	18	0	18	0	18	0	0	0	
0144	Manchester Forest	125	0	125	0	125	0	0	0	
0145	Pinewood	135	0	135	0	135	0	0	0	
0146	Pocotaligo #2	19	0	19	0	19	0	0	0	
0147	Privateer	60	0	60	0	60	0	0	0	
0148	Ebenezer 1	32	0	32	0	32	0	0	0	
0149	Wilson Hall	189	0	189	0	189	0	0	0	
0150	Furman	37	0	37	0	37	0	0	0	
0151	Spectrum	10	0	10	0	10	0	0	0	
0152	St. Paul	64	0	64	0	64	0	0	0	
0153	Shaw	1	0	1	0	1	0	0	0	

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0154	Thomas Sumter	13	0	13	0	13	0	0	0
0155	Sumter High #2	47	0	47	0	47	0	0	0
0156	Ebenezer 2	47	0	47	0	47	0	0	0
0157	Green Swamp 2	102	0	102	0	102	0	0	0
0158	Causeway Branch 2	56	0	56	0	56	0	0	0
Precincts Total:		2399	0	2399	0	2399	0	0	0
0750	Absentee 1	180	109	71	0	71	0	109	0
0800	Emergency 1	5	5	0	0	0	0	5	0
0850	Fail safe 1	0	0	0	0	0	0	0	0
0900	Provisional 1	3	3	0	0	0	0	3	0
0950	Fail safe Provisional	0	0	0	0	0	0	0	0
Virtual Precincts Total:		188	117	71	0	71	0	117	0
Grand Total:		2587	117	2470	0	2470	0	117	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: 14

The following precincts have no ballots cast in them: Failsafe 1, Failsafe Provisional

Exception: Manual Entries found: They were required because paper ballots from the primary were used in the runoff

 # This audit has exceptions. #
 #####

Status of ERM Reports

EL30A is marked Official

EL45A is marked Official

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

EL30A iVo Ballots	EL155 Ballots	EL152 Ballots
2470	2470	2470
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	2470
	Cast By Poll Wkr	0
	Blank Cast by PW	0
	Cancelled Ballots	42
	Wrong Ballot	7
	Voter Left AB	0

(AB = After ballot selected by poll worker.)

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 (BB = Before ballot selected by poll worker.)

Voter Left BB	2
Voter Request	9
Printer Problem	0
Terminal Problem	5
Other Reason	19

Number of ADA audio enabled events in this election: 2

Precinct Number and Name	Machine	Date	Time
0121 Second Mill	5133591	05/10/2017	16:47:36
0142 Delaine	5138420	05/08/2017	18:50:47

Election Date: 05/16/2017

In all but the Absentee Precinct events reported before election day are due to testing. Machines reported with precinct unknown had ADA Audio Enabled Events but no ballots were cast on them.

Note: The following machines(s) have audit records but no ballots were cast on them: 5128380, 5131088, 5135988, 5150185, 5150804, 5178378
 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.

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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.

 Sumter Vote Level Audit Report
 Election: 2017 Congress 5 Runoff
 Audit Date: 11:20:59, Thu May 18, 2017

Precinct Number / Name Office	Candidate	Party	-----EL30A-----				-----Audit-----		Comments
			Total	Optical	iVo	Flash	iVo	Delta	
0101 Rembert #####									
U. S. House of Rep District 5	Ralph Norman		19	0	19	0	19	0	
U. S. House of Rep District 5	Tommy Pope		6	0	6	0	6	0	

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0102 Horatio #####							
U. S. House of Rep District 5	Ral ph Norman	9	0	9	0	9	0
U. S. House of Rep District 5	Tommy Pope	3	0	3	0	3	0
State House of Rep District 70	Wendy Brawl ey	68	0	68	0	68	0
State House of Rep District 70	H Heath Hill	4	0	4	0	4	0
0103 Hillcrest #####							
U. S. House of Rep District 5	Ral ph Norman	8	0	8	0	8	0
U. S. House of Rep District 5	Tommy Pope	8	0	8	0	8	0
State House of Rep District 70	Wendy Brawl ey	12	0	12	0	12	0
State House of Rep District 70	H Heath Hill	1	0	1	0	1	0
0104 Oakl and Pl ant #1 #####							
U. S. House of Rep District 5	Ral ph Norman	39	0	39	0	39	0
U. S. House of Rep District 5	Tommy Pope	26	0	26	0	26	0
State House of Rep District 70	Wendy Brawl ey	37	0	37	0	37	0
State House of Rep District 70	H Heath Hill	9	0	9	0	9	0
0105 Dal zel I #####							
U. S. House of Rep District 5	Ral ph Norman	14	0	14	0	14	0
U. S. House of Rep District 5	Tommy Pope	21	0	21	0	21	0
State House of Rep District 70	Wendy Brawl ey	18	0	18	0	18	0
State House of Rep District 70	H Heath Hill	8	0	8	0	8	0
0106 Dal zel I 2 #####							
U. S. House of Rep District 5	Ral ph Norman	15	0	15	0	15	0
U. S. House of Rep District 5	Tommy Pope	10	0	10	0	10	0
0107 Oswego #####							
U. S. House of Rep District 5	Ral ph Norman	43	0	43	0	43	0
U. S. House of Rep District 5	Tommy Pope	23	0	23	0	23	0
0110 Oakl and Pl ant #2 #####							
U. S. House of Rep District 5	Ral ph Norman	23	0	23	0	23	0
U. S. House of Rep District 5	Tommy Pope	23	0	23	0	23	0
State House of Rep District 70	Wendy Brawl ey	32	0	32	0	32	0
State House of Rep District 70	H Heath Hill	7	0	7	0	7	0
0111 McCray's Mill #1 #####							
U. S. House of Rep District 5	Ral ph Norman	18	0	18	0	18	0
U. S. House of Rep District 5	Tommy Pope	23	0	23	0	23	0
State House of Rep District 70	Wendy Brawl ey	4	0	4	0	4	0
State House of Rep District 70	H Heath Hill	2	0	2	0	2	0
0113 Mayewood #####							
U. S. House of Rep District 5	Ral ph Norman	4	0	4	0	4	0
U. S. House of Rep District 5	Tommy Pope	5	0	5	0	5	0

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0114	Turkey Creek	U. S. House of Rep District 5	Ral ph Norman	3	0	3	0	3	0
		U. S. House of Rep District 5	Tommy Pope	5	0	5	0	5	0
0115	Mul berry	U. S. House of Rep District 5	Ral ph Norman	5	0	5	0	5	0
		U. S. House of Rep District 5	Tommy Pope	0	0	0	0	* No Audit Data expected or found	
0116	Sal terstown	U. S. House of Rep District 5	Ral ph Norman	19	0	19	0	19	0
		U. S. House of Rep District 5	Tommy Pope	20	0	20	0	20	0
0117	Fol som Park	U. S. House of Rep District 5	Ral ph Norman	5	0	5	0	5	0
		U. S. House of Rep District 5	Tommy Pope	4	0	4	0	4	0
0118	Green Swamp 1	U. S. House of Rep District 5	Ral ph Norman	26	0	26	0	26	0
		U. S. House of Rep District 5	Tommy Pope	40	0	40	0	40	0
0119	Palmetto Park	U. S. House of Rep District 5	Ral ph Norman	21	0	21	0	21	0
		U. S. House of Rep District 5	Tommy Pope	17	0	17	0	17	0
0120	Burns-Downs	U. S. House of Rep District 5	Ral ph Norman	22	0	22	0	22	0
		U. S. House of Rep District 5	Tommy Pope	38	0	38	0	38	0
0121	Second Mi ll	U. S. House of Rep District 5	Ral ph Norman	65	0	65	0	65	0
		U. S. House of Rep District 5	Tommy Pope	66	0	66	0	66	0
0122	Swan Lake	U. S. House of Rep District 5	Ral ph Norman	39	0	39	0	39	0
		U. S. House of Rep District 5	Tommy Pope	58	0	58	0	58	0
0124	Hampton Park	U. S. House of Rep District 5	Ral ph Norman	18	0	18	0	18	0
		U. S. House of Rep District 5	Tommy Pope	28	0	28	0	28	0
0131	Wi lder	U. S. House of Rep District 5	Ral ph Norman	2	0	2	0	2	0
		U. S. House of Rep District 5	Tommy Pope	0	0	0	0	* No Audit Data expected or found	
0132	Pocotal i go #1	U. S. House of Rep District 5	Ral ph Norman	25	0	25	0	25	0
		U. S. House of Rep District 5	Tommy Pope	28	0	28	0	28	0

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0135	Birnie	U. S. House of Rep District 5	Ral ph Norman	1	0	1	0	1	0
		U. S. House of Rep District 5	Tommy Pope	0	0	0	0	0	* No Audit Data expected or found
0136	South Liberty	U. S. House of Rep District 5	Ral ph Norman	3	0	3	0	3	0
		U. S. House of Rep District 5	Tommy Pope	1	0	1	0	1	0
0137	Millwood	U. S. House of Rep District 5	Ral ph Norman	20	0	20	0	20	0
		U. S. House of Rep District 5	Tommy Pope	5	0	5	0	5	0
0138	Causeway Branch 1	U. S. House of Rep District 5	Ral ph Norman	30	0	30	0	30	0
		U. S. House of Rep District 5	Tommy Pope	20	0	20	0	20	0
0139	McCray's Mill #2	U. S. House of Rep District 5	Ral ph Norman	23	0	23	0	23	0
		U. S. House of Rep District 5	Tommy Pope	38	0	38	0	38	0
		State House of Rep District 70	Wendy Brawley	1	0	1	0	1	0
		State House of Rep District 70	H Heath Hill	1	0	1	0	1	0
0140	Sumter High #1	U. S. House of Rep District 5	Ral ph Norman	10	0	10	0	10	0
		U. S. House of Rep District 5	Tommy Pope	2	0	2	0	2	0
0141	Sunset	U. S. House of Rep District 5	Ral ph Norman	27	0	27	0	27	0
		U. S. House of Rep District 5	Tommy Pope	31	0	31	0	31	0
0142	Delaine	U. S. House of Rep District 5	Ral ph Norman	14	0	14	0	14	0
		U. S. House of Rep District 5	Tommy Pope	11	0	11	0	11	0
		State House of Rep District 70	Wendy Brawley	91	0	91	0	91	0
		State House of Rep District 70	H Heath Hill	10	0	10	0	10	0
0143	Cherryvale	U. S. House of Rep District 5	Ral ph Norman	8	0	8	0	8	0
		U. S. House of Rep District 5	Tommy Pope	10	0	10	0	10	0
0144	Manchester Forest	U. S. House of Rep District 5	Ral ph Norman	31	0	31	0	31	0
		U. S. House of Rep District 5	Tommy Pope	44	0	44	0	44	0
		State House of Rep District 70	Wendy Brawley	30	0	30	0	30	0
		State House of Rep District 70	H Heath Hill	20	0	20	0	20	0
0145	Pinewood	U. S. House of Rep District 5	Ral ph Norman	27	0	27	0	27	0

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U. S. House of Rep District 5	Tommy Pope	23	0	23	0	23	0
State House of Rep District 70	Wendy Brawley	66	0	66	0	66	0
State House of Rep District 70	H Heath Hill	16	0	16	0	16	0
0146 Pocotaligo #2 #####							
U. S. House of Rep District 5	Ral ph Norman	9	0	9	0	9	0
U. S. House of Rep District 5	Tommy Pope	10	0	10	0	10	0
0147 Privateer #####							
U. S. House of Rep District 5	Ral ph Norman	29	0	29	0	29	0
U. S. House of Rep District 5	Tommy Pope	31	0	31	0	31	0
0148 Ebenezer 1 #####							
U. S. House of Rep District 5	Ral ph Norman	22	0	22	0	22	0
U. S. House of Rep District 5	Tommy Pope	10	0	10	0	10	0
0149 Wilson Hall #####							
U. S. House of Rep District 5	Ral ph Norman	99	0	99	0	99	0
U. S. House of Rep District 5	Tommy Pope	90	0	90	0	90	0
0150 Furman #####							
U. S. House of Rep District 5	Ral ph Norman	21	0	21	0	21	0
U. S. House of Rep District 5	Tommy Pope	16	0	16	0	16	0
0151 Spectrum #####							
U. S. House of Rep District 5	Ral ph Norman	5	0	5	0	5	0
U. S. House of Rep District 5	Tommy Pope	5	0	5	0	5	0
0152 St. Paul #####							
U. S. House of Rep District 5	Ral ph Norman	23	0	23	0	23	0
U. S. House of Rep District 5	Tommy Pope	14	0	14	0	14	0
State House of Rep District 70	Wendy Brawley	25	0	25	0	25	0
State House of Rep District 70	H Heath Hill	2	0	2	0	2	0
0153 Shaw #####							
U. S. House of Rep District 5	Ral ph Norman	0	0	0	0	* No Audi t Data expected or found	
U. S. House of Rep District 5	Tommy Pope	1	0	1	0	1	0
0154 Thomas Sumter #####							
U. S. House of Rep District 5	Ral ph Norman	6	0	6	0	6	0
U. S. House of Rep District 5	Tommy Pope	7	0	7	0	7	0
0155 Sumter High #2 #####							
U. S. House of Rep District 5	Ral ph Norman	22	0	22	0	22	0
U. S. House of Rep District 5	Tommy Pope	24	0	24	0	24	0
0156 Ebenezer 2 #####							
U. S. House of Rep District 5	Ral ph Norman	30	0	30	0	30	0

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U. S. House of Rep District 5	Tommy Pope	17	0	17	0	17	0
0157 Green Swamp 2 #####							
U. S. House of Rep District 5	Ral ph Norman	38	0	38	0	38	0
U. S. House of Rep District 5	Tommy Pope	63	0	63	0	63	0
0158 Causeway Branch 2 #####							
U. S. House of Rep District 5	Ral ph Norman	32	0	32	0	32	0
U. S. House of Rep District 5	Tommy Pope	24	0	24	0	24	0
0750 Absentee 1 #####							
U. S. House of Rep District 5	Ral ph Norman	63	38	25	0	25	0
U. S. House of Rep District 5	Tommy Pope	67	32	35	0	35	0
State House of Rep District 70	Wendy Brawley	46	35	11	0	11	0
State House of Rep District 70	H Heath Hill	4	4	0	0		
						* All votes cast for this candidate in this precinct are optical. * No Audit Data for optical.	
0800 Emergency 1 #####							
U. S. House of Rep District 5	Ral ph Norman	3	3	0	0		
						* All votes cast for this candidate in this precinct are optical. * No Audit Data for optical.	
U. S. House of Rep District 5	Tommy Pope	2	2	0	0		
						* All votes cast for this candidate in this precinct are optical. * No Audit Data for optical.	
State House of Rep District 70	Wendy Brawley	0	0	0	0		* No Audit Data expected or found
State House of Rep District 70	H Heath Hill	0	0	0	0		* No Audit Data expected or found
0850 Failsafe 1 #####							
U. S. House of Rep District 5	Ral ph Norman	0	0	0	0		* No Audit Data expected or found
U. S. House of Rep District 5	Tommy Pope	0	0	0	0		* No Audit Data expected or found
State House of Rep District 70	Wendy Brawley	0	0	0	0		* No Audit Data expected or found
State House of Rep District 70	H Heath Hill	0	0	0	0		* No Audit Data expected or found
0900 Provisional 1 #####							
U. S. House of Rep District 5	Ral ph Norman	1	1	0	0		* All votes cast for this candidate in this precinct are optical. * No Audit Data for optical.
U. S. House of Rep District 5	Tommy Pope	2	2	0	0		* All votes cast for this candidate in this precinct are optical. * No Audit Data for optical.
State House of Rep District 70	Wendy Brawley	0	0	0	0		* No Audit Data expected or found
State House of Rep District 70	H Heath Hill	0	0	0	0		* No Audit Data expected or found

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0950	Failsafe Provisional	#####						
	U. S. House of Rep District 5		Ralph Norman	0	0	0	0	* No Audit Data expected or found
	U. S. House of Rep District 5		Tommy Pope	0	0	0	0	* No Audit Data expected or found

There was no unmatched audit data

How to read this report.

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

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

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

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

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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: 2017 Congress 5 Runoff
 Audit Date: 11:21:16, Thu May 18, 2017

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
U. S. House of Rep District 5	Ralph Norman		1039	42	997	0	1039	42	997	0	0
U. S. House of Rep District 5	Tommy Pope		1020	36	984	0	1020	36	984	0	0
State House of Rep District 70	Wendy Brawley		430	35	395	0	430	35	395	0	0
State House of Rep District 70	H Heath Hill		84	4	80	0	84	4	80	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.

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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

Election: 2017 Congress 5 Runoff

Audit Date: 11:19:18, Thu May 18, 2017

Precinct	PEBs Used	Comments
Rembert	156332	
Horatio	156863	
Hillcrest	156691	
Oakland Plant #1	156680	
Dalzell	156736	
Dalzell 2	156743	
Oswego	156850	
Oakland Plant #2	158119	
McCray's Mill #1	156926	
Mayewood	225415	
Turkey Creek	156372	
Mulberry	205677	
Salterstown	158066	
Folsom Park	156175	
Green Swamp 1	158052	
Palmetto Park	156940	
Burns-Downs	156870	
Second Mill	156866	
Swan Lake	156971	
Hampton Park	156868	
Wilder	156181	
Pocotaligo #1	156730	
Birnie	156974	
South Liberty	199322	
Millwood	158059	
Causeway Branch 1	156735	
McCray's Mill #2	156377	
Sumter High #1	158069	
Sunset	156333	
Delaine	156708	
Cherryvale	158032	
Manchester Forest	158012	
Pinewood	156969	
Pocotaligo #2	156975	
Priateer	158065	

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Ebenezer 1	225114
Wilson Hall	155871
Furman	156848
Spectrum	158005
St. Paul	156338
Shaw	242875
Thomas Sumter	156635
Sumter High #2	242908
Ebenezer 2	158109
Green Swamp 2	156943
Causeway Branch 2	156849
Absentee 1	156925

47 precincts processed

The following precinct(s) have no ballots cast in them: Failsafe 1, 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 PEB Exceptions Report
 Election: 2017 Congress 5 Runoff
 Election date: 05/16/2017
 Audit Date: 11:19:18, Thu May 18, 2017

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5120833	156743	05/16/2017 07:27:03	156743	05/16/2017 19:04:13	Open Time	Dalzell 2 - 10
5129990	156925	05/10/2017 10:10:15	156925	05/16/2017 19:04:00	>>Open Date<<	Absentee 1 - 52
5129990	156925	05/10/2017 10:10:15	156925	05/16/2017 19:04:00	Open Time	Absentee 1 - 52
5138068	156925	05/10/2017 10:15:38	156925	05/16/2017 19:07:12	>>Open Date<<	Absentee 1 - 2

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5138068	156925	05/10/2017	10:15:38	156925	05/16/2017	19:07:12	Open Time	Absentee 1 - 2
5138194	156925	05/10/2017	10:11:40	156925	05/16/2017	19:04:25	>>Open Date<<	Absentee 1 - 17
5138194	156925	05/10/2017	10:11:40	156925	05/16/2017	19:04:25	Open Time	Absentee 1 - 17

The following machines(s) have audit records but no ballots were cast on them: 5128380, 5131088, 5135988, 5150185, 5150804, 5178378
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 05/16/2017. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.