```
                 Berkeley Town of Bonneau General Audit Report.rpt
Berkeley Ballot Audit Report
Election: Town of Bonneau General
Audit Date: 08:42:13, Tue May 15, 2018

Prec        Precinct
|--------------------EL30A----------------------|----------Audit------------|
Nber        Name           | Total  DS850   M650   DS200   M100    iVo  Flash|
iVo    Opt   Man   Delta | Comments
--------------------------------------------------------------------------------
------------------------------------------------
0003    Bonneau                76      0      0      0      0     76      0
76      0      0      0
0004    Bonneau Beach           9      0      0      0      0      9      0
9      0      0      0
Precincts Total:               85      0      0      0      0     85      0
85      0      0      0

0750    Absentee                1      0      0      0      1      0      0
0      1      0      0
0800    Emergency               0      0      0      0      0      0      0
0      0      0      0
0850    Failsafe                0      0      0      0      0      0      0
0      0      0      0
0900    Provisional             0      0      0      0      0      0      0
0      0      0      0
0950    Failsafe Provisional    1      0      0      0      1      0      0
0      1      0      0
Virtual Precincts Total:        2      0      0      0      2      0      0
0      2      0      0

Grand Total:                   87      0      0      0      2     85      0
85      2      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 containg no votes: 0
        The following precincts have no ballots cast in them: Emergency, Failsafe,
Provisional
        Note: There are no iVotronic ballots cast in the virtual precincts.

        This audit is complete with no exceptions.

        Status of ERM Reports
        EL30A is marked Official
        EL45A is marked Official


                                Page 1
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EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots.

```
+------------------+-----------------+--------------+
| EL30A Ivo Ballots |   EL155 Ballots | EL152 Ballots |
+------------------+-----------------+--------------+
|               85 |              85 |           85 |
|   Delta from EL30A |             0 |            0 |
|                  | Delta from EL155 |            0 |
+------------------+-----------------+--------------+
                   |    Cast By Voter |           85 |
                   | Cast By Poll Wkr |            0 |
                   | Blank Cast by PW |            0 |
                   +-----------------+--------------+
                   | Cancelled Ballots|            1 |
                   +-----------------+--------------+
                   |     Wrong Ballot |            0 |
                   |    Voter Left AB |            0 |  (AB = After ballot selected
by poll worker.)
                   |    Voter Left BB |            0 |  (BB = Before ballot
selected by poll worker.)
                   |    Voter Request |            0 |
                   |  Printer Problem |            0 |
                   | Terminal Problem |            0 |
                   |     Other Reason |            1 |
                   +-----------------+--------------+
```

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

Note: The following machines(s) have audit records but no ballots were cast on them:
5127604, 5128497
     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 immdiately 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

precince line values.

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

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
0counting 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 electonically 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 highlited 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.

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Berkeley Vote Level Audit Report
Election: Town of Bonneau General
Audit Date: 08:42:29, Tue May 15, 2018

Precinct Number / Name

		EL30A				Audit		
Office					Candidate		Party	Total
DS850	M650	DS200	M100	iVo	Flash	iVo Delta		Comments
--								

0003   Bonneau
##
###
Mayor   Rembert Wrenn   60
    0   0   0   0   60   0   60   0
Mayor   Write-In   4
    0   0   0   0   4   0   4   0
Town Council   Joseph Brunson II   50
    0   0   0   0   50   0   50   0
Town Council   Allen June   52
    0   0   0   0   52   0   52   0
Town Council   W Fleetwood Thomas   27
    0   0   0   0   27   0   27   0
Town Council   Write-In   0
    0   0   0   0   0   0 * No Votes Cast - No Audit Data expected.

0004   Bonneau Beach
##
##
Mayor   Rembert Wrenn   5
    0   0   0   0   5   0   5   0
Mayor   Write-In   0
    0   0   0   0   0   0 * No Votes Cast - No Audit Data expected.
Town Council   Joseph Brunson II   1
    0   0   0   0   1   0   1   0
Town Council   Allen June   9
    0   0   0   0   9   0   9   0
Town Council   W Fleetwood Thomas   3
    0   0   0   0   3   0   3   0
Town Council   Write-In   0
    0   0   0   0   0   0 * No Votes Cast - No Audit Data expected.

0750 Absentee
##
###
Mayor   Rembert Wrenn   1
    0   0   0   1   0   0 * Optical Ballots - No Audit data expected.
Mayor   Write-In   0
    0   0   0   0   0   0 * No Votes Cast - No Audit Data expected.
Town Council   Joseph Brunson II   1
    0   0   0   1   0   0 * Optical Ballots - No Audit data expected.
Town Council   Allen June   1
    0   0   0   1   0   0 * Optical Ballots - No Audit data expected.
Town Council   W Fleetwood Thomas   0
    0   0   0   0   0   0 * No Votes Cast - No Audit Data expected.
Town Council   Write-In   0

```
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
```

0800   Emergency
##
##
```
Mayor                                             Rembert Wrenn                 0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Mayor                                             Write-In                      0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Town Council                                      Joseph Brunson II             0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Town Council                                      Allen June                    0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Town Council                                      W Fleetwood Thomas            0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Town Council                                      Write-In                      0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
```

0850   Failsafe
##
###
```
Mayor                                             Rembert Wrenn                 0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Mayor                                             Write-In                      0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Town Council                                      Joseph Brunson II             0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Town Council                                      Allen June                    0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Town Council                                      W Fleetwood Thomas            0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Town Council                                      Write-In                      0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
```

0900   Provisional
##
##
```
Mayor                                             Rembert Wrenn                 0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Mayor                                             Write-In                      0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Town Council                                      Joseph Brunson II             0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Town Council                                      Allen June                    0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Town Council                                      W Fleetwood Thomas            0
     0       0       0       0       0       0 * No Votes Cast - No Audit Data expected.
Town Council                                      Write-In                      0
```

```
   0      0      0      0      0      0 * No Votes Cast - No Audit Data expected.
```

0950 Failsafe Provisional
```
################################################################################
######################################
```
```
Mayor                                   Rembert Wrenn                    1
   0      0      0      1      0      0 * Optical Ballots - No Audit data expected.
Mayor                                   Write-In                        0
   0      0      0      0      0      0 * No Votes Cast - No Audit Data expected.
Town Council                            Joseph Brunson II               1
   0      0      0      1      0      0 * Optical Ballots - No Audit data expected.
Town Council                            Allen June                      0
   0      0      0      0      0      0 * No Votes Cast - No Audit Data expected.
Town Council                            W Fleetwood Thomas              1
   0      0      0      1      0      0 * Optical Ballots - No Audit data expected.
Town Council                            Write-In                        0
   0      0      0      0      0      0 * No Votes Cast - No Audit Data expected.
```
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
0counting the number of times a candidate name for a contest appears in a precint 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 electonically 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 precicnt 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.

Finaly 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

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Berkeley EL30A45A Comparison Report
Election: Town of Bonneau General
Audit Date: 8:42:38, Tue May 15, 2018

```
+-----------------------EL30A--------------------+--------------------EL45A-----
-----------------------+
Office                                Candidate              Party |    Tot
DS850   M650  DS200   M100    iVo  Flash|   Tot DS850   M650  DS200   M100    iVo
Flash  Delta|
-----------------------------------------------------------------------+--------
----------------------------------------+--------------------------------------
-------------+

Mayor                                 Rembert Wrenn                       67
     0      0      0      2     65      0    67      0      0      0      2     65
     0      0
Mayor                                 Write-In                             4
     0      0      0      0      4      0     4      0      0      0      0      4
     0      0

Town Council                          Joseph Brunson II                   53
     0      0      0      2     51      0    53      0      0      0      2     51
     0      0
Town Council                          Allen June                          62
     0      0      0      1     61      0    62      0      0      0      1     61
     0      0
Town Council                          W Fleetwood Thomas                  31
     0      0      0      1     30      0    31      0      0      0      1     30
     0      0
Town Council                          Write-In                             0
     0      0      0      0      0      0     0      0      0      0      0      0
     0      0
```

How to read this report.

This is EL30A EL45A Crosscheck Report. It sums each candidates vote totals in each precinct in
the EL30A Precinct Detail Report and compares it to the EL45A Election Summary Report that
contains the tabulated total for each candidate in the county.

The values read from the EL30A report are reported in four categories; Total,

Optical (Opt),
iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from
the actual report. The total lines are the calculated sums of the individual precince line values.

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

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

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

The values read from the EL45A report are reported in same four categories; Total, Optical (Opt),
iVotronic (iVo) and Flash as the EL30A. Like the EL30A they are parsed from the actual EL45A report.
The summary candidate totals are compared against the calculated sums for each candidate from, the EL30A
report. Each of the values in each line on the EL30A side must match the same value on the EL45A side
and the Delta value must be zero.

Berkeley PEB Use Report
Election: Town of Bonneau General
Audit Date: 08:42:13, Tue May 15, 2018

Precinct	PEBs Used	Comments
Bonneau	143967	
Bonneau Beach	143967	

2 precincts processed

The following precinct(s) have no ballots cast in them: 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 precints 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.

Berkeley PEB Exceptions Report
Election: Town of Bonneau General
Election date: 2018-05-08
Audit Date: 08:42:13, Tue May 15, 2018

iVo #   Op PEB Open Time   Cl PEB Close Time   Exception
Type   Precinct - Ballots Cast

5127604 125581 2018-04-11 11:33:30   125581 2018-05-08 19:04:09   >>Open
Date<< >>>No Ballots<<<
5127604 125581 2018-04-11 11:33:30   125581 2018-05-08 19:04:09   Open Time
>>>No Ballots<<<
5128497 125581 2018-04-11 11:25:21   125581 2018-05-08 19:03:06   >>Open
Date<< >>>No Ballots<<<
5128497 125581 2018-04-11 11:25:21   125581 2018-05-08 19:03:06   Open Time
>>>No Ballots<<<

The following machines(s) have audit records but no ballots were cast on them:
5127604, 5128497
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 2018-05-08. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.