

**Report to the
Office of the Attorney General**

Addendum to Sequoia AVC Advantage
Voter-verified Paper Record System
Assessment

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Sequoia Advantage: Detailed Description of Exception 12 to the Criteria

12	<p>Miscellaneous</p> <p>During the electronic 1200-vote test (pre-LAT test), a paper jam resulted in 56 paper records not being printed. That is, the DRE continued to cast votes electronically, and yet the VVPRS did not print the paper records. Upon having cleared the paper jam, the printing resumed. At the end of the test, a loss of 56 paper records was found. Due to the loss of these 56 paper records, the first 2 sets of counts (paper ballots cast and scanned records of the paper ballots) could not be matched with the last two sets of counts (electronic records and tally from poll close)</p>
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During the 1200-votes SIM (pre-LAT) test, the testers routinely checked the machine. After about six hours of operation, the testers noticed that while the DRE voter panel still automatically progressed through voting scenarios as programmed, the paper record displayed inside the Paper Record Display Unit was stuck, i.e., it was not dropped, and no new paper records were generated. Yet, both the public and protective counters shown on the operator panel still incremented one by one as the DRE voter panel changed selections from one voting scenario to another as programmed. However, no paper records were generated because of the jam..

To resolve the problem, the testers removed the plastic cover of the printer, and pulled out the paper sheet that was fed into the printer. Upon removing the paper feed, the SIM test was automatically halted. In order to remove the jammed paper record, the testers first removed the paper record storage bag from the VVPRS by removing the lock to which the paper record storage bag was fastened. The testers then observed a few paper records jammed at the “outlet/opening” of the VVPRS to the storage bag, and subsequently removed them (there were three jammed papers at this “opening”). However, the one stuck (and being displayed) in the display unit could not be removed until the metal cover of the display unit was removed. Having removed all the jammed papers (4 altogether), the testers re-assembled and re-attached the VVPRS back to the DRE. At this stage, by feeding the paper sheet back into the printer, the machine resumed the SIM test automatically. After the first vote upon resumption of the SIM test, the testers observed that the public and protective counters were 992 and 2255, respectively.

After the SIM test was completed, the testers checked the operator log and maintenance log. The maintenance log did not record any interruption associated with the problem. However, the operator log did record the interruption of the voting test starting from 7:05:28 PM until 7:14:55 PM. According to the operator log, the protective counter was 2254 (at 7:05:28 PM) and 2255 (at 7:15:10 PM). This confirms that when the testers started resolving the problem, the voting machine was activating the new vote (with “Election – Activate” message in the operator log) and the protective counter was 2254. When the problem was resolved, the machine resumed and completed the vote corresponding to protective counter=2254. The difference between the counts of paper records and those of electronic records is 56, implying that the paper jam occurred right after having continuously printed 936 (992-56) paper records. This phenomenon will not occur during the “official election” mode, since the poll worker has to activate the machine for each voter to cast his or her vote.