



"Connor Howard"  
<vhoward@kennesaw.edu>  
10/20/2005 08:12 PM

To cpaquette@eac.gov  
cc "Merle King" <mking@kennesaw.edu>  
bcc  
Subject Comment Summary

Carol,

I have attached a spreadsheet with as much of the information that you requested as I was able to compile. At present I do not have a count of the number of comments received by the website or the EAC boards.

Connor

Connor Howard  
Project Manager  
Center for Election Systems  
Phone: 678-797-2993  
Email: vhoward@kennesaw.edu



CommentSummaryAsOf 10-20-2005.xls

Comments on Appendices as of 10-20-2005

Comments on Appendices As of 10-20-2005	
Section	Comment
APP 1A	<p>p 4, spacing at "5. Public Comment Process" [too much space]</p> <p>Volume I, Appendix A comments</p> <p>Try not to split definition and sources between two pages. This also applies to all sections that are numbered, use bullet points, etc.</p>
APP 1A	<p>Volume I, Section 1</p> <p>p 4, spacing at "5. Public Comment Process" [too much space]</p> <p>Volume I, Appendix A comments</p> <p>Try not to split definition and sources between two pages. This also applies to all sections that are numbered, use bullet points, etc.</p>
APP 1A	<p>[Volume 1 Voluntary Voting Systems Guidelines Overview]</p> <p>p 4, spacing at "5. Public Comment Process" [too much space]</p> <p>Volume I, Appendix A comments</p> <p>Try not to split definition and sources between two pages. This also applies to all sections that are</p>
APP 1A	<p>75   App A A-21 6</p> <p>Grammar</p> <p>Change "Voters are also may be" to Voters also may be".</p> <p>Correct typographical errors to improve understanding.</p>
APP 1A	<p>76   App A A-29 41</p> <p>Incomplete definition</p> <p>Change "from a single political party" to "from a single political party in contests linked to straight party voting".</p> <p>Correct typographical errors to improve understanding.</p>
APP 1B	<p>[Appendix B]</p> <p>The reference to Mil-Std-498 is in several places. It should logically only be in section B.1.</p>

Section	Comment
APP 1B	<p>[Volume I, Appendix B]</p> <p>Volume 1, appendix b</p> <p>no problems with this!</p>
APP 1B	<p>[Volume 1, Appendix B]</p> <p>Although the VVSG references the OASIS EML (section 6.8.6.6), it is not listed in the references.</p>
APP 1B	<p>Volume Appendix B</p> <p>No comments.</p>
APP 1B	<p>77   App B</p> <p>No comments.</p>
APP 1C	<p>[Volume I, Appendix C]</p> <p>2.2.7 Human Factors</p> <p>The area (or some other word) of Human factors is concerned with the understanding of interactions among humans and (Note: human factors doesn't agree with verb is...)</p>
APP 1C	<p>[Volume I, Appendix C]</p> <p>2.2.7 Human Factors</p> <p>Page 3 doesn't list for what the Best Practices are. In gray it says for election officials but on the list, it's just best practices. Just before "C2 Best Practices for Security"</p>
APP 1C	<p>[Volume I, Appendix C]</p> <p>6.0.2.2 Usability</p> <p>There is a spacing error, too much space, just above this</p>
APP 1C	<p>[Volume 1, Appendix C]</p> <p>1.- Paragraph with "no practical means ..." should be rewritten.</p> <p>Volume 1, Appendix C Best Practices for Election Officials; Pg 3; under Best Practices, the fourth point reads: "Appropriate procedures are needed to ensure that th</p>
APP 1C	<p>[Volume 1, Appendix C]</p> <p>3.- Paragraph with "ballot and input controls are visible only to the voter" should be rewritten</p> <p>Volume 1, Appendix C Best Practices for Election Officials; Pg 3; under Best Practices, the first point reads: "The ballot and any</p>

Section	Comment
APP 1C	<p>[Volume 1, Appendix C]                      4.- Paragraph with "audio interface is audible only to the voter" should be rewritten</p> <p>Volume 1, Appendix C Best Practices for Election Officials; Pg 3; under Best Practices, the second point reads:                      "The audio interface is audib</p>
APP 1C	<p>Appendix C Best Practices for Election Officials; Pg 3; under Best Practices, a fifth point shall read (or something to that effect): (See Attached)</p>
APP 1C	<p>Appendix C</p> <p>The section references are out of sync beginning with C2.</p>
APP 1C	<p>Volume I Appendix C                      78</p> <p>App C.1.2.2.7.1                      Comment:                      Voters with cognitive disabilities?</p> <p>Recommended change:                      This needs to be bounded in some fashion.</p> <p>Rationale:                      Without bounds the statement doesn't mean anything.</p>
APP 1C	<p>78 I                      App C.1 2.2.7.1 2                      Last bullet</p> <p>Voters with cognitive disabilities?</p> <p>This needs to be bounded in some fashion.</p> <p>Without bounds the statement doesn't mean anything.</p>
APP 1C	<p>Volume 1, Appendix C Best Practices for Election Officials; Pg 3                      VVSG is non-compliant with HAVA for assuming that there isn't a practical mean for counting millions of overseas votes which are currently unaccounted for in each election</p>
APP 1D	<p>[Volume I, Appendix D]                      Receipt-based systems operate as follows (the description is identical to the one in the Guidelines with the exception of a change in point 2):</p> <ol style="list-style-type: none"> <li>1. A voter uses a voting station such as a DRE to make ballot choices.</li> <li>2. The voting</li> </ol>

Section	Comment
APP 1D	<p>[Volume I, Appendix D]  Comments on Section 1.2.4 Direct IDV Systems  These systems are defined (page D-6, lines 15-16) as those that "... produce a record for voter verification that the voter may verify directly with voter's sense...". In the glossary of ter</p>
APP 1D	<p>[Volume I, Appendix D]  Comments on Section 1.2.2 End to End Cryptographic IDV Systems  The general description of End to End Cryptographic IDV systems included in Appendix D is based  on a specific implementation of these systems: the receipt-based syste</p>
APP 1D	<p>[Volume I, Appendix D]  Section D.5 End to End (Cryptographic) IDV Systems  Comments on End to End IDV Systems Characteristics  In Section 3.1.2 of this document, we proposed to divide the End to End IDV systems in two subcategories: receipt-based system</p>
APP 1D	<p>[Volume I, Appendix D]    (Note* Actually section 2.1, not 1.1)    1.1i An independent dual verification voting system produces two distinct sets of records of ballot choices via interactions with the voter such that one set of records can be compared agai</p>
APP 1D	<p>[Volume 1, Appendix D, 1.2.4]  Section 1.2.4, first paragraph, last sentence/second paragraph. These two sentences are duplicates.</p>
APP 1D	<p>[Volume I, Appendix D]  Appendix D contains an informative classification of the current Independent Dual Verification (IDV) systems. In the sections below, we propose some changes to the description and classification of some of these systems.  As disc</p>
APP 1D	<p>[Volume I, Appendix D]  The definition of direct IDV systems should include all those systems that allow voters to directly verify the correctness of their votes using a record that represents exactly their votes. This record  (e.g., paper, an electronic</p>
APP 1D	<p>[Volume I, Appendix D]  Section D.2 Core characteristics for Independent Verification Systems</p>
APP 1D	<p>[Volume I, Appendix D]  Comments on Cryptographic Characteristics  2.1.10 The cryptographic software in independent verification voting systems is approved by the U.S. Government's Cryptographic Module Validation Program (CMVP) as applicable.  We strongl</p>

Section	Comment
APP 1D	<p>[Volume 1, Appendix D]</p> <p>(Note* Actually 2.1.1, not 1.1.1)</p> <p>1.1.1y The voter verifies the content of each record and either (a) verifies at least one of the records directly or (b) verifies both records indirectly if the records are each under the contr</p>
APP 1D	<p>[Volume 1, Appendix D, 1.2.1]</p> <p>Although this type of system may be more secure, it will be less usable to a voter. After the voter has waited in line, the voter needs to stop at three stations, first to check in with a poll worker and get a token, then m</p>
APP 1D	<p>I-D.1.1 bullet 3</p> <p>" ... different systems produced by different vendors."</p> <p>Comment:</p> <p>I-Appendix D.1.1 bullet 3 seeks to require jurisdictions to purchase devices from multiple vendors. This would not need to happen to produce the desired results, req</p>
APP 1D	<p>I-D.1.2.1 para 5</p> <p>discussion of trust</p> <p>Comment:</p> <p>I-Appendix D.1.2.1 paragraph 5 discusses the subject of trust and claims the verification station's software is a trusted computing base. Independent dual verification systems operate from the concept</p>
APP 1D	<p>I-D.1.2.3 para 4</p> <p>"... the suitability of the records for manual or automated auditing ..."</p> <p>Comment:</p> <p>I-Appendix D.1.2.3 paragraph 4 discusses the suitability of the witness system records for use in auditing. The capture of a single page from a multi</p>
APP 1D	<p>I-D.1.2.4</p> <p>This section has a part A and a part B but chains them together without any split in format.</p> <p>Comment:</p> <p>I-Appendix D.1.2.4 the two separate segments in this section should be split into a 1.2.4.a and a 1.2.4.b, to aid in flow and understa</p>

Comments on Appendices as of 10-20-2005

Section	Comment
APP 1D	<p>I-D.2.1</p> <p>subsections 2.1.6 through 2.1.9 are content requirements that are not required for IDV. They may be required for other reasons but do not belong in this section as requirements of IDV.</p> <p>Comment:</p>
APP 1D	<p>I-Appendix D.2.1 this section contains some</p> <p>I-D.2.1.10</p> <p>Cryptographic Module Validation Program requirement</p> <p>Comment:</p> <p>I-Appendix D.2.1.10 indicates a requirement for cryptographic module validation but does not specify the level to which a system must correspond.</p>
APP 1D	<p>I-D.3.2.3</p> <p>"... distributed in an authenticated way to auditing system."</p> <p>Comment:</p> <p>I-Appendix D.3.2.3 the verification station also needs access to the public key. It must have it in order to read and display the content for the verification process</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>"used in audits" should be "used in independent audits" where independent means independent of insiders within the voting system and independent of the</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>Cryptographic audit schemes merely verify that the individual voter voted, but not that all the votes were correctly counted. ALL voters could verify t</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>Please explain how such video capture systems would be practical to audit, would not require expensive equipment and hard disk space, would not add to</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>This lumps two entirely different types of voting systems together. Please differentiate between voting systems that record the ballot of record on a d</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>This is a test that the two records match, but it is not an "independent" audit of the accuracy of vote counts as intended by voters because it does no</p>

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Section	Comment
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>Both records are electronic and not directly verifiable by the voter. According to your own standards, they would have to be programmed by different ve</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>It is conceivable that the capture station could be misprogrammed (in error or deliberately) to write incorrect votes to the token and store incorrect</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>It isn't practical to inspect and test to try to ensure the integrity of the vote counting programs because: (a.) many voting systems use microsoft w</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>But if the total sum of ballots cannot be demonstrated to have been counted correctly, this encryption scheme does not solve the right problem. i.e. It</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>Please explain how the voter, after an election, can use his receipt to verify that his choices were recorded correctly but yet prevent that same voter</p>
APP 1D	<p>It is Appendix D that I am commenting on. Verification needs to be EXTERNAL and MANUAL. Your suggested Dual Verification by INSIDERS does nothing to prevent ELECTION FRAUD. The only verification is a system that is transparent to EVERY VOTER - We</p>
APP 1D	<p>The form was a little hard to use..had but I had to use Section "1" because the form did not permit Appendix D or D-1 to be used as sections.</p> <p>Please forward them to the right authors.</p> <p>Appendix D regarding "Independent Dual Verification" contains log</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>The primary purpose should instead be to verify that the vote counts are an accurate reflection of how voters voted. All these measures could be effec</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>It is inadequate for records to be merely "verifiable". Research has shown that fewer than 1/3 of voters verify their ballots in systems which require</p>



Section	Comment
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>This is an inadequate definition of "independent" for voting systems because in case (b) both records could be incorrect if neither has been verified d</p>
APP 1D	<p>Appendix D: If one is trying to ensure the accuracy of vote counts by auditing, then one needs to have permanent records to audit that are independent of the electronic system, not records that are independent of each other.</p>
APP 1D	<p>Appendix D: In banking, a</p>
APP 1D	<p>In reference to: Volume I, Appendix D D.1 Independant Dual Verification Systems While IDV systems address two primary security issues as stated in bullet points in this section, they do NOT address the problem of access to the systems from the inside.</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>Explain how using such identifiers could be applied without risking revealing the identities of the voters.</p>
APP 1D	<p>Appendix D regarding "Independent Dual Verification" To ensure the accuracy of vote counts by auditing, then one needs to have records to audit that are independent of insiders within the system.</p>
APP 1D	<p>Regarding Section D: It is completely absurd to assume that a machine can check itself. Just like spammers can always find a way to get their spam through, people with intent and enough money will find their way to subvert any system to preserve a true</p>
APP 1D	<p>regarding appendix D: Please do not rely solely on machines for something so important as our COUNTRY election! They can be hacked, pre-set, manipulated, break down, malfunction. Only randomly selected Voter Verified Paper Ballots with a 5% recount can</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>This process would only verify that the two records agree with each other, but not that either record reflected how the voter intended to cast his/her</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>If both records are electronically recorded by the same vote-casting process, both could easily be compromised or recorded incorrectly, unless one reco</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>What is to prevent someone else from standing over the voter and likewise checking the choices of the voter so encourage vote-buying?</p> <p>If another p</p>

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Section	Comment
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>What prevents the hands, clothing or hair of the voter from being caught in the picture and possibly revealing the voters' identity? What prevents the</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>Why "(albeit loosely)"?</p> <p>Optical scan voting systems most definitely "produce a record that the voter verifies directly with the voter's senses whic</p>
APP 1D	<p>RE: Appendix D (your comment form does not permit Section: Appendix D or Section: D-1 to be entered)</p> <p>Great system if the counts are done via the barcodes, the paper ballots are used for independent audits and the scanned images of the paper ballots are</p>
APP 1D	<p>Regarding Appendix D: When elections are contested, the voter verified paper ballots MUST be used. Anything done on an electronic machine can always be hacked.</p>
APP 1D	<p>Volume I Appendix D: Witness IDV Systems will have twice the amount of testing because there are two devices to test.</p> <p>[Statements submitted at EAC public hearing, June 30, 2005, New York]</p>
APP 1D	<p>81</p> <p>Vol. I Appendix D</p> <p>Comment:</p> <p>States a primary objective for using electronic voting systems is the production of voting records that are highly precise.</p> <p>Recommended change:</p> <p>Change to "... production of election results that are highly precise and</p>
APP 1D	<p>Vol. I App. D</p> <p>88</p> <p>Comment:</p> <p>If the creation and verification system are two independent processes, different media is not required.</p>
APP 1D	<p>Vol. I App. D</p> <p>89</p> <p>Comment:</p> <p>What are "multiple" records?</p> <p>Recommended change:</p> <p>Change to "dual" records</p>

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Section	Comment
APP 1D	<p>Vol. I App. D 90 Comment: Calls for one-to-one record comparison. The accumulated results can be used. Any single error causes the whole system to be suspect.</p>
APP 1D	<p>Vol. I App. D 91 Comment: The objective is to be able to audit the election, not the device. What threat does a one-to-one relationship mitigate?</p>
APP 1D	<p>Vol. I App. D 92 Comment: Calls for identification of "ballot style"</p> <p>Recommended change: Change "ballot style" to "precinct"</p> <p>Rationale: Ballot style can represent many precincts.</p>
APP 1D	<p>Vol. I App. D 93 Comment: States "whether electronic voting systems are accurately recording ballot choices."</p>
APP 1D	<p>Vol. I App. D 94 Comment: Notes "voting session identifier"</p> <p>Recommended change: Define "voting session identifier"</p> <p>Rationale:</p>

Section	Comment
APP 1D	<p>Vol. I App. D 95 Comment: Requires CMVP approval. What support is provided for Real-Time-Operating-Systems (RTOS) (very limited)</p> <p>Recommended change: Must support implementation for Real-Time-Operating- Systems</p>
APP 1D	<p>Vol. I App. D 96 Comment: Reads "...verification station log..."</p> <p>Recommended change: Change to " verification station shall log..."</p>
APP 1D	<p>Vol. I App. D 97 Comment: Allows the voter to reject his/her ballot at the verification station. How is the voter enabled to cast another ballot? Procedurally? The capture station has no knowledge of the rejection so it records can no longer be</p>
APP 1D	<p>Vol. I App. D 98 Comment: This level of verification requires the verification station to have knowledge of the election.</p> <p>Recommended change: Add allowance for data to be supplied to the verification station from the same election management</p>

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Section	Comment
APP 1D	<p>Vol. I App. D 99 Comment: This is not required if the token is a 'write-once' media and can't be changed.</p> <p>Recommended change: Add allowance for a token to be a write-once media and not require cryptographic authentication.</p>
APP 1D	<p>Vol. I App. D 100 Comment: Requires a one-to-one relationship between records.</p> <p>Rationale: A summation of the records is sufficient to compare. A 1% audit is irrelevant. If the summation of the records don't match, a crime has been committed</p>
APP 1D	<p>Vol. I App. D 101 Comment: States "...from accepted memory devices..." defining tokens as memory devices. A token is not required to be a memory device.</p> <p>Recommended change: Change to "...from accepted tokens..."</p>
APP 1D	<p>Vol. I App. D 102 Comment:  Why can't the tokens or capture system be used to determine if records are missing or substituted?</p>

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Section	Comment
APP 1D	<p>Vol. I App. D 103 Comment: Why is this acceptable? It is not acceptable to subject DREs to extensive and stringent testing and yet witness systems can be approved under these conditions.</p>
APP 1D	<p>Vol. I App. D 104 Comment: However, In order to prove that the choices were NOT recorded correctly, the voter would need to surrender his or her privacy.</p>
APP 1D	<p>Vol. I App. D 105 Comment: Why are cryptographic solutions able to be verified and DREs are not?</p>
APP 1D	<p>81 I App D D-1 10</p> <p>States a primary objective for using electronic voting systems is the production of voting records that are highly precise.</p> <p>Change to "... production of election results that are highly precise and produced expeditiously."</p> <p>Acc</p>
APP 1D	<p>82 App D D-1 25</p> <p>Use of "ballot records" limits the scope of auditability.</p> <p>Change to "election results"</p> <p>The objective is to be able to audit an election, not just ballot records</p>
APP 1D	<p>83 App D D-2 17</p> <p>How is the threat of vendor collusion addressed?</p>

Section	Comment
APP 1D	84 App D D-5 18 Witness systems are not accessible
APP 1D	85 App D D-6 27  If OCR is being used for "marks recognition", it should be specifically outlawed for counting ballots. When OCR is used for "marks recognition", the OCR engine makes an assumption that the mark in filled in.
APP 1D	86 D-7 4  Bad assumption -- optical scanning processes are notoriously inaccurate, that's why jurisdiction created the 1% re-count. If this is referring to "digital imaging", the distinction must be made clear.
APP 1D	87 App D D-7 32-35  Why isn't the accessibility question addressed in the other system discussions?
APP 1D	88 App D D-10 6  If the creation and verification system are two independent processes, different media is not required.
APP 1D	89 App D D-10 19  What are "multiple" records?  Change to "dual" records
APP 1D	90 App D D-11 4  Calls for one-to-one record comparison. The accumulated results can be used. Any single error causes the whole system to be suspect.
APP 1D	91 App D D-11 15  The objective is to be able to audit the election, not the device. What threat does a one-to-one relationship mitigate?

Section	Comment
APP 1D	<p>92 App D D-11 29</p> <p>Calls for identification of "ballot style"</p> <p>Change "ballot style" to "precinct"</p> <p>Ballot style can represent many precincts.</p>
APP 1D	<p>93 App D D-1 28</p> <p>States "whether electronic voting systems are accurately recording ballot choices."</p>
APP 1D	<p>94 App D D-12 1</p> <p>Notes "voting session identifier"</p> <p>Define "voting session identifier"</p>
APP 1D	<p>Appendix D: D.1.1 (your webpage form would not accept this section number)</p> <p>The concept of "independent dual verification", verifying one electronic record with another electronic record, will do nothing to ensure honest elections. Auditing elections wi</p>
APP 1E	<p>[Volume 1, Appendix E]</p> <p>Vol 1, appendix e</p> <p>Page 2, spacing error between 1 &amp; 2</p>
APP 1E	<p>Appendix E</p> <p>The appendix needs to be revised to draw upon the proper sections of the 2005 VWSG rather than the 2002 VSS.</p>
APP 1E	<p>Vol. I App. E-3 107</p> <p>Comment: This appears to be just further clarification of previous sections. No additional standards information is provided.</p> <p>Recommended change: Specifically state that Appendix E is provided for informational purposes an</p>



Section	Comment
APP 1E	<p>Vol. I App. E-4 108 Comment: Color: "The use of the 16-color pallet or a larger color pallet is required, when voter adjustment of color is provided." Page 1, a. 2) "Adjust color settings, when color is used." None of the examples provided in E.</p>
APP 1E	<p>Vol. I App. E 106 Comment: Overall comment: Appx. E is written broadly, with a variety of options meant to assist vendors in meeting the guideline with relative ease, while seeming to require voter control to meet visual needs related to text si</p>
APP 1E	<p>107 I Appx. E.3 2 All This appears to be just further clarification of previous sections. No additional standards information is provided.  Specifically state that Appendix E is provided for informational purposes and provides no specific sta</p>
APP 2A	<p>[Note* Actually Volume II, Appendix A]  Vol 25, appendix a  A.1.1. references  The test lab shall list all documents that contain material used in preparing the test plan. This list shall include specific references to applicable portions of the **</p>
APP 2A	<p>[Volume II, Section A]  Page A 8  • <input type="checkbox"/> Stress tests: These tests investigate the system's response to transient overload conditions. Polling place devices shall be subjected to ballot processing at the high volume rates at which the equipment can be oper</p>

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Section	Comment
APP 2A	<p>[Volume II, Section A]</p> <p>a.5.1 data recording</p> <p>The test lab shall identify all data recording requirements (e.g.; what is to be measured, how tests and results are to be recorded). The test lab shall also design or approve the</p>
APP 2A	<p>Wrong punctuation e.g. [Volume II, Appendix A]</p> <p>A.4.3.1 The test lab shall review the results, submitted by the vendor, of any previous examinations of the equipment to be tested. The results of these examinations shall be compared to the performance characteristics specif</p>
APP 2A	<p>[Volume II, Section A]</p> <p>A.6.4 In this section, the test lab shall also identify all test operations personnel, and their respective duties. In the event that the operator procedure is not defined in the vendor's</p>
APP 2A	<p>Don't believe a comma should be betwe [Volume II, Appendix A]</p> <p>A.4.3.2. Should a time be given for the environmental tests Most machines will be in storage for 11 months a year Temperature and humidity could be causes for major problems</p>
APP 2A	<p>Vol. II, Appendix A (Second Paragraph)</p> <p>Current: It is intended that the test lab use this Appendix as a guide in preparing a detailed test plan, and that the scope and detail of the requirements for certification be tailored to the type of hardware,</p>
APP 2A	<p>136 II App A.3 A-2</p> <p>First sentence "be" missing from sentence</p> <p>Add "be" between "must" and "presented"</p> <p>typo</p>

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Section	Comment
APP 2A	<p>Vol. II App. A</p> <p>First sentence</p> <p>Comment: "be" missing from sentence</p> <p>Recommended change: Add "be" between "must" and "presented"</p> <p>Rationale: typo</p>
APP 2B	<p>[Volume 2, Appendix B] [Note* Actually at the end of section 2.B.1.2]</p> <p>Vol 2, appendix b</p> <p>A more extensive report is prepared, for changes that have extensive impact on the system design and/or operations.</p> <p>Why the "," ?</p>
APP 2B	<p>Vol. II, Appendix B</p> <p>Current:</p> <p>B.5 Qualification Test Results and Recommendation</p> <p>Change: Vol II, Appendix B</p> <p>B.5 Certification Test Results and Recommendation</p> <p>Nature of Change: Deprecated term</p>
APP 2B	<p>137 II App B All All</p> <p>No comments.</p>
APP 2B	<p>137</p> <p>Vol. II Appendix B</p> <p>No comments.</p>
APP 2C	<p>[Volume II, Appendix C]</p> <p>On your page, there are spacing errors between 4-7 lines</p> <p>[Note* comment included chart that cannot be displayed here. Correction is for extra lines below lines 4,5,6 of the chart.]</p>

Comments on Appendices as of 10-20-2005

Section	Comment
APP 2C	<p>[Vol II, Appendix C] Vol 2, appendix c</p> <p>T of C C1 misaligned at right margin</p>
APP 2C	<p>138 II App C All All</p> <p>No comments.</p>
APP 2C	<p>140b G All All All</p> <p>Cost: Vol II, App C, section C1, page C-1 "...the need to achieve a meaningful test at a reasonable cost, and cost varies with the difficulty of simulating expected real-world operating conditions and with test duration."</p>
APP 2C	<p>The</p> <p>79</p> <p>App C.2.6.0.2.2</p> <p>Comment: Preventing a race from spanning two columns or pages is not practical. There are physical limitations that can not be ignored.</p> <p>Recommended change: Present guideline for navigation aids when this does occur or devel</p>
APP 2C	<p>80</p> <p>App C.2.6.0.4.1</p> <p>Comment: Voting software can be obtained by "an EAC accredited test authority"?</p> <p>Recommended change: The testing authorities can provide measures to ensure the software provided by the vendor is that which they tested but th</p>
APP 2C	<p>138</p> <p>Vol. II App. C</p> <p>No comments.</p>

Comments on Appendices as of 10-20-2005

Section	Comment
APP 2C	140-2  Vol II, App C, section C1, page C-1  Comment: "...the need to achieve a meaningful test at a reasonable cost, and cost varies with the difficulty of simulating expected real-world operating conditions and with test duration."  Recomme