

Draft Meeting Minutes

PDF/A Meeting

Thursday, August 16, 2007
AIIM Headquarters
Silver Spring, MD

1. Introductions

The meeting was called to order at 9:14 a.m. by PDF/A committee chair person, Steve Levenson. Those participating in the meeting included:

| | |
|------------------------|----------------------------------|
| Steve Abrams (Pone) | Harvard University Libraries |
| Nora Calvillo (Phone) | Adobe Systems |
| Jane Cohen | DTIC |
| Ebony Downtin | AIIM |
| Betsy Fanning | AIIM |
| Scott Foshee | Adobe Systems |
| Noah Katz | Lockheed Martin |
| Butch Lazorchak | Library of Congress |
| Steve Levenson | Administrative Offices US Courts |
| David McDowell (Phone) | NPES |
| Dennis Newman (Phone) | PFS |
| Leonard Rosenthol | Adobe Systems |
| Susan Sullivan | NARA |

2. Approval of Draft Agenda (PDF-A 2007-004)

The draft agenda (PDF-A 2007-00) for the August 16, 2007 meeting were approved with addition of setting a date for the next US meeting and discussion the direction for ISO 19005-3. (Cohen/Foshee)

3. Approval of Draft Meeting Minutes, May 17, 2007 (PDF-A 2007-003)

The draft meeting minutes (PDF-A 2007-003) for the May 17, 2007 meeting were approved as presented. (Sullivan/Cohen)

4. Form US Position on ISO/WD 19005-2 Comments

The US committee reviewed the comments from the other member countries and the proposed responses from the Project Editor since the US comments and proposed

response from the editor were discussed at a previous meeting. It was also noted that the proposed change from the member countries was accidentally deleted in the process of dispositioning the comments. The Secretariat will amend the form and reissue it along with the comments from Germany that were received during the meeting.

The following are the comments that were discussed, not all comments were discussed during the meeting (the comments with numbers are attached to help you better follow the results of the discussion):

3US

The US committee questioned how the comment made it to the submitted comments.

8CN

This is a template issue that will be resolved by the Secretariat and AIIM's technical editor.

9TC46

The project editor acknowledged the need to update the references and will do so in the next revision prior to a ballot being issued.

10TC46

It is noted that Section 5.5 already covers this by establishing full backward compatibility for A2 files. The committee will recommend that this be addressed in the FAQ and Application Notes.

11TC46

It is noted that the ISO patent wording needs to be added to the Introductory pages of the standard. The statements from ISO 19005-1 for PDF/A should be included in the Introductory pages as well.

13GB

The committee discussed the need to have a key or value for identifying amendments or corrigenda. The US will propose a key be identified and included in the file.

22TC46

The committee discussed that the US will need to share the results of its discussions on changing from static to visual including the different versions of static.

23US

This is a template issue which will be resolved by the Secretariat or AIIM's Technical Editor.

27GB

The numbering and format will be fixed prior to balloting.

28

The project editor will add the ISO/IEC references to the terms in ISO 19005-2 prior to balloting.

32GB

This is an editorial change and will be made.

33GB

This is an editorial change and will be made.

34GB

It is noted that this is a case where level U conformance needs to be added. The project editor will address in the next version.

42GB

The US agrees with GB and will have the project editor add a requirement for interactive readers to identify the presence of embedded files like the way that hypertext targets are handled.

44GB

This is an editorial change and will be made.

49GB

This is an editorial change and will be made.

50TC46

This is an editorial change and will be made.

53GB

The project editor will review to determine when the committee made the decision for the output intent.

54GB

This was incorrectly cited in the draft. The output intent is not version specific. This will be amended appropriately to remove versioning.

55GB

The project editor agrees to adopt the language from PDF/X-4.

56GB

The project editor will amend the note numbering.

57GB

When Adobe was converting PDF 1.7 to the ISO format, they clarified this section of ISO/DIS 32000 which may warrant additional language being added to this draft if the committee does not agree to move to ISO 32000. If the committee agrees to move to ISO

32000 as the basis for this draft of ISO 19005-2, then the US will need to propose the wording from ISO 32000 be included in this draft.

58GB

The output intent is not required and will be better reflected in the standard draft.

61GB

The committee supports keeping ISO 19005-2 in sync with PDF-X/4 that is currently going to publication.

63GB

The project editor will fix the reference to the reader.

66GB

The committee does not believe that text rendering mode 3 is relevant to this draft.

67GB

The project editor will edit the references.

71GB

The committee discussed specifying the color of annotations and how it would specify this. It is necessary to make sure that they match. There is a loop hole in A-1 that is maintained in A-2 that does not require an OutputIntent. The project editor agrees with the philosophy that if an OutputIntent is present, there should be a matching annotation color.

72GB

The latest XMP carries with it a definition for all defined schemas. It is necessary for the committee to determine if that want to have this for PDF/A and if so request a volunteer from the meeting to do it.

The committee discussed several potential new topics, as follows:

- Changing the basis for PDF/A-2 from PDF Reference 1.7 to ISO 32000

The committee determined that this may be risky. It is necessary to wait to see how ISO/DIS 32000 progresses then raise the issue in January after the ballot has closed.

- Overprint Preview Implementation

Adobe was asked in January to document what Acrobat does with overprint. At this time Adobe has not been able to produce the documentation but will continue to work toward completing the documentation for the next ISO TC171 SC2 WG5 meeting. If volunteers are requested, Dennis Newman would like to work on this effort. It may be possible to have Hans Barfuss chair the effort. It is necessary to have names in the resolution for accountability.

- Metadata Schemas and Definitions

This was raised in comments and by the PDF/A Competence Center. The committee needs to address how to address custom schemas. It may be necessary to consider embedding a real schema definition in the PDF file so that the document remains self defining. This is only required in conformance A where custom schemas are used.

- Inclusion of XFA Datasets in PDF/A

This is already a comment so the US will not request it be added to the agenda for the Berlin meeting. It will be necessary to recommend where the XFA data is to be stored.

- Conversion of Encrypted PDF

The committee believes this should be handled in the Application Notes and not in the standard. It is believed that this should be part of an organization's workflow to create an unencrypted file before the file is converted to PDF/A but the keys to unencrypt would be needed. The committee discussed authorizing categories for encrypted files. An informative note needs to be drafted about policy authorities in certain organizations.

PDF files have two passwords, user and owner with varying rights to perform different functions. The committee discussed encryption and agreed that guidance for creating PDF/A files for encryption was needed. Leonard Rosenthal will prepare a recommendation that the US will discuss during its caucus in Berlin.

- Conversion of Digitally Signed PDF files to PDF/A

The committee discussed how a non-compliant PDF/A document could be made into a compliant document while maintaining some or all of the digital signature to support how and when it was signed. It is technically possible to convert a PDF document if it has not been signed to PDF/A. This would require adding the PDF/A elements to the bottom of the PDF document to produce a PDF/A document. The original document would not have been changed so the signature would still be valid.

The committee discussed linearization. With PDF/A-1, a linearized PDF can have only one additional block. The reason for this restriction is not known. However, there are three options that could be used for digital signatures:

Option 1 – Could do as the example above where PDF/A elements would be added to the bottom of the PDF file to produce a PDF/A document knowing that it will not

guarantee an unmodified signature. All information would remain in tact, however, some future product or third party product may flag the file as invalid.

Option 2 – The file could be rewritten as a PDF/A compliant file and the signature thrown away. We may keep the appearance of the signature but without the digital signature so that we would have a flat, static signature.

Option 1 and 2 are feasible in PDF/A-1 and with conforming readers and without changes to the standard.

Option 3 – We could take a digitally signed PDF. Upon conversion, the PDF writer would capture available information about the digital signature and make it available for rendering as metadata.

Leonard Rosenthol will draft a technical recommendation for Option 3 for discussion in Berlin. The proposed recommendation will be sent to the US PDF committee and discussed at the caucus meeting in Berlin.

The committee received comments from Germany which it discussed. The result of the comment discussion is included in the revised comments.

– ISO 19005-3 – Part 3 Discussion

The US began discussion on part 3 of the PDF/A standard by reviewing previous meeting notes. The US opposes a conforming reader only direction. The US believes that both file format and reader requirements remain necessary.

5. Logistics for US Delegation Berlin (Caucus Meeting)

Ms. Downtin reminded the members that there would be a caucus meeting on Monday, August 27 at the Crowne Plaza Hotel in the Helsinki room beginning at 3:30 p.m. until 5:00 p.m. local time.

The next US Committee meeting will be November 29, 2007 at Silver Spring.

6. Other Business

There was no other business discussed.

7. Adjournment

The U.S. committee for PDF/Archive adjourned at 3:10 p.m. (Katz/Sullivan)