

**Draft Meeting Minutes  
PDF/Archive**

**Adobe Office, Tysons Corner and Conference Call Meeting  
June 23, 2009**

**1. Introduction and Welcome**

The PDF Archive committee was called to order at 9:07 a.m. by Susan Sullivan acting for chairman Steve Levenson. Those participating in the meeting included:

Butch Lazorchak	Library of Congress
John Iobst	NAA
Steve Markheim	DTIC
Leonard Rosenthol	Adobe Systems
Diana Helander	Adobe Systems
Susan Sullivan	NARA
Dennis Newman	PFS
Mary Abbott	NPES
Debbie Orff	NPES
Beth Panazzo	NARA
Janet Schorr	Microsoft
Betsy Fanning	AIIM

**2. Approval of Draft Agenda**

The agenda for the June 23, 2009 meeting (PDF/A 2008-004) was approved with the addition of a presentation on Lotar and discussion on the hotel for the Orlando meetings as well as registration discount for ISO participants. (Newman/Abbott)

**3. Approval of Draft Meeting Minutes, April 14, 2009**

The draft meeting minutes for the April 14, 2009 meeting (PDF/A 2009-003) were approved as presented. (Iobst/Rosenthol)

**4. Report from Hamburg Meeting**

The working group dispositioned 224 comments during its meeting in Hamburg. The comments were either accepted or accepted in principle with a couple being withdrawn during the working group meeting. The result of the meeting is a revised draft which will be submitted to the secretariat for a second CD ballot to be issued. The working group discussed the need for a technical corrigenda.

During the working group meeting, a discussion about the potential for the PDF/A work to be moved into SC2WG8 as profiles was raised. The discussion was favourable. A final decision will be made by the TC and SC chairs with consultation of the working group convenor.

## **5. Working Session on PDF/A-2 and PDF/A-3**

The committee discussed embedding of some items, specifically XML in a PDF/A file. The discussion focused on embedding objects opens the door to other document formats being contained in the PDF/A file. It had been discussed previously to allow PDF/A documents to be contained in a PDF/A file. The committee discussed the pros and cons of embedding XML in a PDF/A file. It was noted that embedding objects and XML in a PDF/A file may provide a potential for a new conformance level to be introduced in the standard.

The committee agreed to use the PDF wiki (<http://pdf.editme.com>) for discussion of the pros and cons of embedding objects and the German comment which may impact the scope of PDF/A-2.

The committee discussed PDF/A-3 and what it will look like. It was noted that the Engineering community wants to be able to archive their PDF documents that contain 3D which is considered a dynamic feature of the document. With the increased use of digital signatures, the need to archive PDF documents that have been digitally signed without breaking the signature is increasing.

Relating to the previous discussion on embedding objects in the PDF file, there is a need to archive source material that is contained inside a PDF/A file.

The need to archive live documents of records such as forms was also discussed. Currently, when a form is archived it is necessary to strip out the business rules and only save the form structure and the data.

It was noted that there is not a pressing need to archive video and audio at this time.

ISO 32000-2 will introduce features such as portfolios, rich media, GIS, etc. that will eventually need to be archived and dealt with in PDF/A.

The options discussed by the committee included:

- PDF/A is currently marketed as a static paper standard. If we add dynamic features to the standard, we may cause confusion in the market.
- PDF/E-2 could be developed to focus on the archival features needed in an engineering environment. PDF/E-1 allows for 3D.
- The SC2 WG8, ISO 32000 working group could create an archival conformance level. It is believed that this may cause confusion.

The committee heard a presentation on LOTAR. The LOTAR project was initiated in 2002. The presentation will be distributed separately.

Leonard Rosenthol discussed the recent work at ETSI. ETSI 102778, PAdES, was recently approved. PAdES stands for PDF Advanced Electronic Signatures. The standard is in 5 parts. Part 2 is a subset of capabilities for ISO 32000-1. It does not extend the language in 32000-1. The standard recommends the use of timestamp and gathers revocation information at the time of signing.

It was recommended that consideration to adopting PAdES and referencing PAdES in PDF/A-2 be given. If adopted, PAdES will provide a way of doing electronic signatures. While PAdES is good, it does not help with long-term digital signatures. Part 4 of PAdES extends 32000 language. It is noted that signatures, certificates, etc can expire. To extend a digital signature would require that the document be resigned which could be tedious in an archival situation. PAdES part 4 will help to resolve the issues that exist with this.

## **6. New Business and Next Steps**

A special rate of \$99 per night plus tax has been obtained at the Embassy Suites Lake Buena Vista hotel for the ISO meetings.

ARMA has a Federal Day program. Susan Sullivan will investigate to find out if there is a special rate for ISO attendees.

The next meeting for the US PDF/A committee will be August 11 to form the US position on the ISO/CD ballot. The meeting will be a conference call meeting. Those in the DC area who wish to meeting face-to-face can assemble at Adobe's office in Tyson's Corner. The US will meet during a caucus meeting in Orlando to review the comments from the other member countries. AIIM will distribute a meeting notice and draft agenda closer to the meeting.

## **7. Adjournment**

The June 23, 2009 meeting was adjourned at 1:15 p.m. (Abbott/Newman)