

**ISO/TC130/WG2/TF3 – Variable Data Exchange  
Minutes 9<sup>th</sup> Meeting**

**8-10 February 2010  
Eastman Kodak Company  
2600 Manitou Road  
Rochester, NY 14624**

**1. Call to order / Introductions**

The meeting was called to order at 9:15 a.m. by Tim Donahue, Chair. The following technical experts were in attendance, either in person or by teleconference, and introduced themselves:

1. Tim Donahue, Chair	Eastman Kodak Company	USA
2. Martin Bailey	Global Graphics Software	United Kingdom
3. Ann Cecchi	Xerox	USA
4. Olaf Drümmer	Callas Software	Germany
5. Dov Isaacs	Adobe Systems	USA
6. Paul Jones	Tecyln	Netherlands
7. Dave McDowell	NPES	USA
8. Christoph Oeters	SOFHA	Germany
9. Debbie Orf	NPES	USA
10. Rainer Prosi	Heidelberg	Germany
11. Leonard Rosenthol	Adobe Systems	USA

**2. Review and approve agenda**

The committee reviewed the draft agenda N 237R, which had been distributed prior to the meeting. There being no changes, the agenda was approved as distributed.

**3. Approve minutes of previous meeting**

The committee reviewed the minutes of the last meeting N 241, which had been distributed by e-mail. There being no corrections, the minutes were approved as distributed.

**4. Review of open action items from both Fort Worth meeting and subsequent teleconferences**

#	Action Item	Status
<b>08-11-17-1</b>	<b>Donahue</b> Register with IANA a new MIME type "application/pdf-vt-stream".	Work in progress. Application sent, waiting for closure. Donahue to follow up.
<b>09-05-21-02*</b>	<b>Donahue</b> will ask the CIP4 Technical Steering Committee to register a four-character second class prefix name of "CIP4" with Adobe. This is the prefix that the metadata key names standardized by CIP4 will use.	Closed

<b>09-05-21-2*</b>	<b>Donahue</b> will ask the CIP4 Technical Steering Committee (TSC) to register a four-character second class prefix name of "CIP4" with Adobe. This is the prefix that the metadata key names standardized by CIP4 will use.	Closed
<b>09-05-21-03*</b>	<b>Rosenthol</b> will rewrite the XObject compare text in the form of a normative annex and provide it to Donahue for inclusion in the DIS document as the content of Annex F.	Closed. Annex F text has been received and is in the Pre-DIS draft document. This item is closed.
<b>09-05-21-04*</b>	<b>Bailey</b> will write a proposal for alternative wording of 6.6.5, paragraph 4 that addresses his concern for requiring the Group key and provide it for circulation to TF3 for consideration during the pre-DIS review period.	Closed. Proposal has been circulated. TC130/WG2/TF3 N 193.
<b>09-06-22-1*</b>	<b>Donahue</b> and <b>McDowell</b> to review and propose changes to improve the text for normative requirements of Annex F for review and comment by next telecom.	Closed in discussion
<b>09-07-6-1*</b>	<b>Donahue, Isaacs and Drummer -</b> As per open ISO TC130 WG2 action item; create an article on PDF/VT for the ISO Bulletin publication.	Open
<b>09-09-21-1*</b>	<b>Donahue</b> to post latest draft/notes of application note.	Closed
<b>09-10-12-1*</b>	<b>Donahue</b> to pass TC130/WG2/TF2 N 0321 (Summary of proposed revisions to ISO 15930-7, -8) to the rest of TF3	Closed in discussion
<b>09-10-12-2*</b>	<b>Isaacs -</b> to add comment to DIS ballot requesting update to Normative References to refer to revisions of ISO 15930-7.8 standards.	Closed. USTAG N 3576
<b>09-11-09-1*</b>	<b>Jones:</b> Propose to CIP4 the addition of a new metadata tag to be defined in the CIP4 common document metadata ICS that identifies a referenced file as a supporting content resource file of the referenced print file.	Closed. It was decided there is no issue in this regard.  Expect CIP4 TSC to review this as final draft in CIP4 TSC teleconference. Possibility of approval which means that it will be published and made publically available.

## 5. Summary and review of conference call meetings since Fort Worth

The discussions during this time period (while ISO16612-2 was in DIS ballot) focused primarily on the PDF/VT application notes.

## 6. Discussion of FDIS drafts of ISO 15930-7 and ISO 15930-8

ISO 16612-2 references and builds on ISO 15930-7 and ISO 15930-8. During the Beijing meeting of TC 130, WG2TF2 initiated a minor revision to these documents. The initially proposed revisions included

the ability to differentiate between files prepared for the 2008 Edition and the 2010 Editions of these documents. This introduced the need to reflect these differences in the PDF/VT document.

Shortly before the WG2 TF3 meeting the proposed edits to ISO 15930-7 and ISO 15930-8 were modified to leave the **GTS\_PDFXVersion** key in the **Info** dictionary unchanged from the 2008 version. This meant that the references to ISO 15930-7 and ISO 15930-8 from ISO 16612-2 could be undated and were therefore essentially independent of the minor revisions in progress.

The main feature of the minor revisions, to add more detailed addressability of individual layers in optional content, has little impact on PDF/VT.

### **Review and resolution of DIS ballot comments (TC130 N 1587)**

The balloting of ISO/DIS16612-2 closed 14 January 2010, resulting in 100% approval of the DIS. The committee reviewed the comments received as a result of the DIS ballot (shown in TC 130 N 1587) and proposed resolution for each comment. The comments from the UK were reviewed with Bailey during his participation in the conference call portion of the meeting and resolutions recommended.

The proposed revision to 6.7.5 Encapsulated XObjects, prepared by Jones, was reviewed. It was noted that in PDF/X-4 print and non-print elements are differentiated. It was agreed to use print element in this document and to add a note and definition of “print element” as defined in 15930-7 (3.24).

All comments tabulated in TC130 N 1587 were reviewed during the meeting and proposed resolutions for each were agreed upon. Figures with better quality (the subject of several comments) will be prepared by Rosenthal for inclusion in the publication version of the document.

A final proposed resolution of comments was prepared and sent to all participants in the WG2 TF3 meeting (present and call-in) for a 2 week review, along with a revised version of ISO 16612-2 reflecting these proposed changes.

### **7. Plans for preparation of publication draft of ISO 16612-2**

The members of WG2/TF3, participating in the meeting, concluded that the comments on the DIS ballot (and their resolution) introduced no significant technical changes in the document. It was decided that after the review by the meeting participants, the proposed resolution of comments and the associated revised document will be circulated to all members of TC130 WG2 for a two week review (these will be identified as WG2 TF3 N 243 and N 244 respectively). At the completion of this review, and the resolution of any comments from that review, the document will be forwarded to ISO/CS through the TC130 Secretariat.

**Action Item 10-2-9-1: Rosenthal** to provide McDowell with figures for 16612-2 as soon as possible.

**Action Item 10-2-9-2: Donahue and McDowell** to prepare a draft for distribution including the resolution of comments due by 19 February (Completed by the end of the meeting).

**Action Item 10-2-9-3: Orf** to distribute draft of document to members participating in this meeting with any comments to be due by 5 March (Completed by the end of the meeting).

**Action Item 10-2-9-4: Orf** to distribute draft of document to all of TC130 WG2 with any comments to be due by 19 March.

## **8. Review of CIP4 common Metadata document (N 236)**

Because there is considerable overlap of participants between the CIP4 metadata work and WG2 TF 3, and because ISO 16612-2 uses the CIP4 Metadata document, it was reviewed and edited during the WG2 TF3 meeting..

There was discussion relating to the use of namespace and the wording “shall use a namespace consisting of the second class name prefix of the metadata property or level of the XML element enclosed prefixed by urn:cip4.org;CommonMetadata: \_\_\_\_\_”.

There was a concern that the namespace should not be prequalified in this way. However, it was noted that if prefixes are used then each XML element must have a prefix. It was felt that using a namespace would be a simple solution to this problem.

After discussion it was agreed to change the wording to “shall use a namespace defined by the owner of the second class name prefix of the metadata property or level the XML element encodes”.

There was a concern regarding using an open list in the CIP4/Production/Part/ProductType that this may lead to problems in the future with categories being left out. The list was updated adding new categories. It was noted that new items can be added at any time. After discussion of the open list it was agreed to add the following after the list: “the value of this property provides additional details regarding CIP4/Production.Part/ProductType”.

Jones will finalize the document adding headers and footers, bibliography and normative references and provide it back to the CIP4 metadata group.

## **9. Further development of application notes (N 240)**

The current draft of the PDF/VT Application Notes was reviewed in the previous teleconference and it was agreed that the content of the document is acceptable as is. The committee discussed and agreed to details related to the document format and disclaimer text. The introductory application note will be made available on the NPES website with updates to be added as appropriate.

## **10. Adjournment**

The meeting was adjourned by Donahue who thanked all participants for attending and for their contributions. The committee also thanked Eastman Kodak for the support of the meeting.

The next meeting date is to be determined after comments on the draft document and resolution of comments are received and reviewed.