



Printer Working Group Plenary

February 9, 2000

1. Meeting Attendees

		1394 PWG	Scan MIB	Plenary	IPP	UPDF
Akihiro Shimura	Canon	x	x			
Shigeru Ueda	Canon	x	x	x	x	
Takashi Isoda	Canon	x				
Osamu Hirata	Canon Business Machines	x				
Lee Farrell	Canon Information Systems	x	x	x	x	x
Peter Johansson	Congruent Software	x				
Bill Wagner	DPI/Net Silicon		x	x	x	
Greg LeClair ⁽¹⁾	Epson	x	x			
Fumio Nagasaka	Epson	x	x	x		
Kazuo Nomura	Epson	x				
Michael Wu	Heidelberg Digital			x	x	x
Brian Batchelder	Hewlett Packard	x				
Alan Berkema	Hewlett Packard	x				
Dave Kuntz	Hewlett Packard	x	x	x	x	x
Sandra Matts ⁽²⁾	Hewlett Packard			x	x	x
Greg Perkins	Hewlett Packard		x	x		
Chuck Rice	Hewlett Packard	x				
Trevor Wells	Hewlett Packard			x	x	
Ron Bergman ⁽³⁾	Hitachi-Koki		x	x	x	x
Harry Lewis	IBM		x	x	x	x
Henrik Holst	i-data			x	x	
Peter Lefkin	IEEE ISTO			x	x	
Vinnie Finn	Kodak	x				
Brian Nagy	Kodak	x				
Stuart Rowley	Kyocera			x	x	x
Jerry Thrasher	Lexmark	x				
Don Wright ⁽⁴⁾	Lexmark	x	x	x	x	x
Raymond Lutz	MFPA/Cognisys	x	x	x	x	
Mike Fenelon	Microsoft	x				
Doug Fritz	Microsoft	x				
Hugo Parra	Novell			x	x	x
Gail Songer	Peerless		x	x	x	
Satoshi Fujitami	Ricoh		x	x	x	
Mitsuhisa Kanaya	Ricoh	x				
Larry Stein	Warp Nine Communications	x		x		
Chuck Adams	Xerox			x	x	x
Tom Hastings	Xerox		x	x	x	x
Bob Herriot	Xerox			x	x	
Carl-Uno Manros ⁽⁵⁾	Xerox			x	x	
Peter Zehler	Xerox			x	x	
Norbert Schade	Xionics					x

⁽¹⁾ PWG 1394 Chairman

⁽²⁾ UPDF Chairman

⁽³⁾ JMP and PMP Chairman

⁽⁴⁾ PWG Chairman

⁽⁵⁾ IPP Chairman

2. Administrivia

Don Wright provided the details for the next PWG meeting:

- April 3-7
- Shinjuku NS Building, 11th Floor
- Tokyo, Japan
- A few nearby hotels have been identified:
 - * Tokyo Hilton Shinjuku
 - * Keio Plaza Inter-Continental
 - * Century Hyatt
 - * Park Hyatt
 - * Shinjuku Prince
 - * Shinjuku Washington

He also referenced the 2000 schedule for future PWG meetings:

May 15-19	New York
Jul 10-14	San Francisco/Vancouver BC
Sep 11-15	Chicago
Oct 23-27	Hawaii
Dec 11-15	San Diego/Phoenix/Tucson

Don asked the group about shifting the December meeting—probably earlier—to avoid the conflict with the IETF session. For those PWG members that attend the full week of IETF activity, the conflict is very undesirable. After a brief discussion, it was decided that the meeting would be changed to December 4-8. It will remain in the San Diego area.

Raymond Lutz requested the group to also shift the October meeting to avoid the conflict with the MFPA annual Integrated Office Conference (IOC). The idea of giving the PWG members some reciprocal benefit for changing the meeting was mentioned. One person suggested free—or at least discounted—admission to the conference, but Raymond was not able to commit. After some discussion, Raymond suggested that a vote should be taken.

MOTION: Pete Zehler moved that the October meeting be moved to Boston to coincide with the MFPA IOC Conference.

Peter noted that the IPP/1.1 Interoperability Bake-off might be held around the September/October timeframe. In that case, the IPP group might not attend the PWG session. It was also suggested that if the October meeting shifted to Boston, it would be sensible to move the Hawaii meeting to January 2001.

VOTE: 8 votes in favor, no votes against. The motion passes.

As a result of the changes agreed to by the group, the new PWG meeting schedule is:

May 15-19	New York
Jul 10-14	San Francisco/Vancouver BC
Sep 11-15	Chicago
Oct 23-27	Boston
Dec 4-8	San Diego/Phoenix/Tucson

3. Status Reports

Each of the Project Chairs (or appointed spokesperson) provided a brief status of the individual projects.

3.1 Printer MIB Project (PMP)

Ron Bergman said that the Printer MIB is still waiting on the Host Resources MIB progress. Although it was previously reported that the HR MIB would go to final call, no contact from the group leader has been received about further progress.

Ron also reported that a few Textual Convention names and various Alert names have been changed from the previous version of the Printer MIB. Ron has provided justification for these changes, although no formal complaints have yet been received about “breaking” previous implementations.

3.2 Finisher (FIN) MIB Project

No status change. The Finisher MIB status is still waiting for progress on the Printer MIB (which is waiting on the HR MIB.)

3.3 Scanner MIB

Ron Bergman said that a presentation on the MFP MIB and Scanner MIB was given on Tuesday afternoon. The MFPA would like to coordinate more closely with the PWG in the future on the various MIB development efforts they are pursuing. Bill Wagner will attend the Tokyo meeting and will be available for discussing the Scanner MIB with any other company representatives that are interested.

3.4 Internet Printing Protocol (IPP) Project

“Relations with the IETF have gone from bad to worse, evidently.” Carl-Uno Manros has received no information from Keith Moore (IETF Applications Area Director) about the progress of the IPP draft documents. Ned Freed will be replacing Keith as Area Director this year. Carl-Uno will try to contact Ned about the (lack of) progress of the IPP documents. There is some concern that if the IPP/1.1 documents continue to be delayed, it could impact the details of the next Bake-off.

There has also been no response from the IESG about the status of the IPP EXT Birds of a Feather session. It is not yet known whether the group will be granted official IETF Working Group status in time for the March IETF Plenary. Carl-Uno says that if this is not resolved soon, he will attempt to schedule an IPP WG meeting instead.

Carl-Uno also reported that the QualDocs group has not yet been granted official WG status. Richard Shockey, the leader of that effort, strongly believes that it will happen.

3.5 Universal Printer Description File Format (UPDF) Project

Sandra Matts reported that progress on the User Interface had been made at the previous meeting. The group had also made various modifications to the XML tree node hierarchy. Topics for this week’s meeting include constraints, paper handling, and fonts.

3.6 1394 PWG

Lee Farrell said that the IEEE New Standards Committee (NeSCom) group has informed Greg LeClair that the Project Authorization Request (PAR) has now been approved. The specification document that the 1394 PWG group has been working on will be called IEEE 1394.3. During the session earlier in the week, the group reviewed the latest draft for final edits. One remaining issue was discussed and determined unnecessary for inclusion in the specification prior to submission for balloting.

The meeting concluded with agreement on all outstanding issues that had been identified by the group. They voted to submit the next draft of the document (which will include the various edits agreed upon during the meeting) to the IEEE balloting process.

Because of the conflict with the 1394 TA meeting schedule, the 1394 PWG group has decided not to meet in Tokyo in April.

Don Wright informed the group that Greg LeClair told him that the 1394 PWG group will plan to attend the New York meeting in May to discuss the creation of a Profile and/or Implementer Guide.

4. Meeting Arrangements

Peter Lefkin of the IEEE ISTO presented the status of his organization's progress on arranging the PWG meetings for May and July. The IEEE-ISTO has established national contacts with Marriott, Sheraton, Embassy Suites, and other hotels.

Initial investigations show hotel prices at around \$250 for New York in May. Similar prices are also being quoted for July in San Francisco.

Peter said that although they have made initial contact with a hotel in Chicago about the September meeting, he did not yet have any price information details to report.

He listed 23 companies that have paid for PWG membership, providing a total of \$20,000 to the IEEE-ISTO:

<u>Charter Members</u>	<u>Members</u>
Axis Communications AB	NetSilicon
Canon, Inc	Peerless
Corel Corporation	
Eastman Kodak Company	
Easy Software Products	
Epson	
Heidelberg Digital LLC	
Hewlett-Packard	
Hitachi Koki Imaging Solutions	
IBM	
i-data Printing Systems	
Kyocera	
Lexmark	
Niigata Canotec Co., Inc	

Northlake Software, Inc
QMS, Inc.
Qmaster Software Solutions, Inc.
Sharp
Warp Nine Engineering
Xerox Corporation
Xionics Document Technologies, Inc.

5. Print on Demand Initiative (PODi)

Don Wright told the group that the PODi organization is developing a standard called Personalized Print Markup Language (PPML). It is an XML-based standard that provides object level addressability and reusability of print objects. It also provides a means of utilizing content from multiple sources to provide layout with variable content data for things like:

- Transactions
- Step and Repeat Cards
- Customized brochures
- Presentation material with repeated elements

Participants in PODi include:

Adobe	Minolta
Agfa	NexPress
Barco	Nimblefish
EFI	Océ
Hewlett Packard	Pageflex
Hitachi Koki	Scitex
IBM	Tektronix
Indigo	Xerox
Lexmark	

According to Don, the specification is only available to organization members. Membership in the PODi organization is \$20,000 per year for General Membership and up to \$5,000 (depending on gross sales) for Associate Membership. Please see www.podi.org for additional information.

6. PWG Document Templates

It has been suggested that standard templates should be developed and made available for inclusion in future PWG/IEEE-ISTO documents. Don said that several paragraphs have already been written and agreed with the IEEE-ISTO. They will be made available to the group from the PWG website.

The PWG has agreed to use .pdf files as the general distribution format, but agreements on the form and content of the documents still need to be established. It was suggested that a small subgroup should be established to focus on developing a suggested document style and content template for future PWG documents.

Volunteers for this effort include Tom Hastings, Carl-Uno Manros, Lee Farrell, and Don Wright. They will report on their preliminary results at the next meeting.

7. Public Relations

Larry Stein reminded the group that previous discussions included the goal of making the PWG more visible to the industry. Because there has not been any significant progress in coordinating this effort, he suggested that the group should establish a Public Relations plan. There was some discussion of the intended goal(s) of the group regarding “milestone announcements” vs. “general industry awareness.” People generally agreed that both the PWG Membership roster and the IEEE 1394.3 progress are significant items worthy of press announcements. However, the logistics and specific plan details were deferred for future discussion.

PWG Plenary adjourned.