

# Printer Working Group Plenary

August 18, 1999

## 1. Meeting Attendees

		1394	Plenary	IPP	UPDF
Jan Sonnvik	Axis Communication		X	X	
Akihiro Shimura	Canon	X			
Shigeru Ueda	Canon	X	X	X	
Osamu Hirata	Canon Business Machines	X			
Lee Farrell	Canon Information Systems	X	X	X	X
Rick Yardumian	Canon Information Systems		X	X	X
Rob Zirstein	Canon Information Systems	X	X	X	X
Peter Johansson	Congruent Software	X			
Bill Wagner	DPI/NetSilicon		X	X	X
Mike Moldovan	G3 Nova	X	X	X	
Amar Rajan	Genoa		X	X	
Shivaun Albright	Hewlett Packard		X	X	
Alan Berkema <sup>(1)</sup>	Hewlett Packard	X			
Scott Bonar	Hewlett Packard	X			
Ben Brezinski	Hewlett Packard		X	X	X
Laurie Lasslo	Hewlett Packard	X	X		X
Sandra Matts <sup>(2)</sup>	Hewlett Packard		X	X	X
Greg Shue	Hewlett Packard	X	X		
Ron Bergman <sup>(3)</sup>	Hitachi-Koki		X	X	X
Harry Lewis	IBM		X	X	X
Stuart Rowley	Kyocera		X	X	X
Jerry Thrasher	Lexmark	X			
Don Wright <sup>(4)</sup>	Lexmark	X	X	X	X
Mike Fenelon	Microsoft	X			
Hugo Parra	Novell		X	X	X
Hitoshi Sekine	Ricoh	X	X	X	X
Fumio Nagasaka	Seiko Epson	X			
Craig Whittle	Sharp	X	X	X	X
Chuck Adams	Tektronix		X	X	X
Tom Hastings	Xerox		X	X	
Bob Herriot	Xerox		X	X	
Carl-Uno Manros <sup>(5)</sup>	Xerox		X	X	
Pete Zehler	Xerox		X	X	

<sup>(1)</sup> 1394 co-Chairman

<sup>(2)</sup> UPDF Chairman

<sup>(3)</sup> JMP Chairman

<sup>(4)</sup> PWG Chairman

<sup>(5)</sup> IPP Chairman

## **2. Administrivia**

Don Wright opened the PWG meeting, and provided details for the next meeting:

- September 20-24
- Embassy Suites
- 1881 Curtis Street
- Denver, CO 80202
- Reservations: (303) 297-8888 (direct line)
- Rate: \$139 (ask for Printer Working Group or IBM rate)

He also referenced the 1999 schedule for future PWG meetings:

- Oct 25-29      Raleigh, NC  
Nov 3-4 W3C AC Boston, MA  
Nov 8-12 IETF Wash DC  
Nov 15-19 Comdex
- Dec 13-17      Los Angeles area

## **3. Status Reports**

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

### **3.1 IEEE 1284.4**

The 1284.4 document has now been completed and submitted to the IEEE for balloting. It is currently estimated that the Balloting Response Committee meeting will be held some time in late November.

### **3.2 Printer MIB Project (PMP)**

The Printer MIB is still waiting for IETF processes and the advancement of the HR (Host Resources) MIB. The HR MIB is currently in a “Working Group last call” (as opposed to IETF last call) state. Any comments should be provided to [hostmib@andrew.cmu.edu](mailto:hostmib@andrew.cmu.edu). Harry Lewis stressed that anyone interested in providing comments should be careful to review the *latest* HR MIB draft because many of the changes that the PWG accomplished over the past couple of years have “slipped out” of the current draft.

The latest Host Resources MIB is available at <ftp://ftp.isi.edu/internet-drafts/draft-ops-hostmib-00.txt>.

### **3.3 Job Monitoring MIB Project (JMP)**

Ron Bergman reported that the Job MIB and Job Submission Mapping document are both in the IETF Editor’s queue. Tom Hastings commented that the RFC Editor has indicated that the Mapping document does not have a Security Considerations section. This will need to be added. The good news is that this is an indication that there has been some activity by the Editor!

### **3.4 Finisher (FIN) MIB Project**

The Finisher MIB status is unchanged from the previous meeting. It is still waiting for progress on the Printer MIB (which is waiting on the HR MIB.)

### **3.5 Universal Printer Description File Format (UPDF) Project**

Sandra Matts reported that the previous meeting had low attendance and she went on vacation for the month immediately following the meeting. As a result, there is not a lot of progress to report. During this week's meeting, she expects to make further progress on User Interface and Localization.

### **3.6 Internet Printing Protocol (IPP) Project**

Carl-Uno Manros reported that the IPP/1.1 documents have been sent to the IETF, but no comments have been received yet. The group still needs to finish the updated Implementer's Guide. That should complete the current Charter activity. Keith Moore (IETF Area Director) is encouraging the group to close down before the end of the year and start up a new Working Group chartered for IPP extensions. Notifications, Administration Operations, and other extensions could be done in this new WG.

Carl-Uno noted that IPP/1.1 references a document on TLS security. Although this document has not yet been processed by the IETF yet, it should be "soon."

### **3.7 1394 PWG**

The group reviewed the latest draft of the Peer-to-Peer Data Transfer Protocol (PPDT) document and discussed a few proposed additions. The design is now complete, with no (known) major issues remaining that will delay the document. The group does not expect any more new proposals, and plans to review a functionally complete draft at the next meeting. The PAR submission has been delayed until October, although it is hoped that this will not impact the planned goal for document completion and submission for balloting in January.

Interoperability testing plans are not yet defined, and are tentatively planned for some time in the first quarter of 2000.

## **4. ISTO - IEEE (and PWG Process)**

Don Wright announced that most of the member companies have provided contact information for their representatives. Microsoft, Novell, and Genoa still need to do so.

Comments and feedback on the various ISTO/PWG agreement documents have been received from the legal departments of all the major printer companies—except Canon.

Don presented some rough cost estimates for the ISTO program:

- 1999 (Oct-Dec): \$ 2,500
- 2000: \$10,000
- 2001: \$15,000 (and each year thereafter)

He noted that in order to pay next year's fees, the group needs to have money collected before the end of the year. To avoid further delay, Don indicated that he is considering that he should update the ISTO documents for the next round of review—even if he needs to do this without Canon's input.

Estimated fees of \$1,000/yr membership should cover the costs. (Cheap!!)

Don listed some ideas on *possible* benefits of membership to help justify the membership fee:

- Only members may vote
- Only members can be officers or WG chairs
- Members do not pay meeting surcharge (100/meeting day?)
- Members have special rights to intellectual properties or at low cost or earlier, etc.
- Non-members charged fee for Interoperability Bake-offs
- Non-members not listed in press releases
- Document Authors of documents restricted to members
- Member advantage for extension registration
- Support the Printing Industry
- Recognition as a “Real” Standards Group
- “Fast-track” processing of documents into becoming IEEE standards

Don stressed that these were only *ideas*, and he is interested in having the group provide feedback on the above items and consider additional suggestions.

It was suggested that the PWG should publish a set of benefits—not only for joining the PWG, but also for having the PWG join the ISTO.

While discussing the estimated number of companies likely to join, a non-binding straw poll was taken. A show of hands indicated 13 “likely” companies. This indication will be taken into consideration for establishing the membership fee. Don mentioned that he would like to hold a vote in September to agree on a membership charge.

Don will publish the results of the above discussion for review. He plans to update the ISTO documents before the next meeting. The group will have a formal vote at the September meeting for deciding whether or not to join the ISTO and to establish membership fees, etc.

## **5. 2000 Meeting Schedule**

Don provided the proposed PWG meeting schedule for 2000 and asked for feedback:

- Jan 24-28      Hawaii
  - Mar 6-10      San Antonio, TX
  - April 10-14    Osaka or Tokyo  
(or April 3-7?)
  - May 22-26      New York City, NY  
(or May 15-19?)
  - July 10-14      Portland, OR
  - Aug 21-25      Chicago, IL or Detroit, MI
  - Sep 25-29      Bar Harbor, ME
  - Oct 30-Nov 3    San Diego, CA
  - Dec 11-14      Miami, FL
- IETF March 27-31 (Australia)

There was some discussion about the locations of the PWG meetings. A few individuals expressed that meetings outside of the U.S. were difficult to justify attending, and do not receive full attendance. Bill

Wagner did not think that the meeting in Copenhagen was inappropriate. He wondered if some of the members did not attend simply because they believed there would not be significant attendance.

Ueda-san said that there are over 30 companies involved in PWG-C and looking at the PWG activity. He believes that many Japanese companies will attend if the meeting is held in Tokyo. Several individuals agreed that the participation of Japanese companies is very desirable and important.

Recently, there has been discussion via e-mail about the number of meetings that should be held during the year. Don explained that over the years, the PWG has found that the frequency of meeting once every six weeks has been the best compromise. Once a month was too frequent, and every other month limited desired progress.

Harry Lewis proposed a schedule with seven meetings. After *much* discussion and changes to his original proposal, the group reached consensus on the following schedule:

- Feb 7-11      New Orleans/Miami
- Apr 3-7        Japan
- May 15-19    NY
- Jul 10-14     San Francisco/Vancouver BC
- Sep 11-15     Chicago
- Oct 23-27     Hawaii
- Dec 11-15     San Diego/Phoenix

The group agreed to have the above schedule posted on the reflector for feedback, final vote and approval.

## **6. Future PWG Work Plans**

Don reminded the group that there will be a special “brainstorming” session at the September meeting on Tuesday night to discuss plans and ideas for future PWG work projects. He requested that people should think about “potential areas where standardization could improve the printing experience for the end-user as well as perhaps to make the task of creating printers, printing systems, printing utilities, etc. easier and better.”

PWG Plenary adjourned.