

Printer Working Group Plenary

November 11, 1998

1. Meeting Attendees

		1394	FIN/JMP	IPP/Plenary	UPDF
Maulik Desai	Auco			x	
Takashi Isoda	Canon	x			
Akihiro Shimura	Canon	x			
Katsuaki Sekiguchi	Canon			x	
Osamu Hirata	Canon Business Machines	x			
Lee Farrell	Canon Information Systems	x	x	x	x
Toru Niki	Canon Information Systems				x
Don Purpura	Canon Information Systems			x	
Michael Yeung	Canon Information Systems			x	x
Peter Johansson	Congruent Software	x			
Ron Bergman ⁽¹⁾	Dataproducts		x	x	x
Bill Wagner	DPI/NetSilicon		x	x	
Greg LeClair ⁽²⁾	Epson	x		x	
Amar Rajan	Genoa			x	
Shivaun Albright	Hewlett-Packard			x	
Brian Batchelder	Hewlett Packard	x		x	x
Alan Berkema	Hewlett Packard	x			
Ben Brezinski	Hewlett Packard			x	x
Rich Escott	Hewlett Packard	x			
Laurie Lasslo	Hewlett Packard	x			x
Sandra Matts ⁽³⁾	Hewlett Packard			x	x
Greg Shue	Hewlett Packard	x			
Harry Lewis ⁽⁴⁾	IBM		x	x	x
Henrik Holst	i-data			x	
Pierre Landau	Ikon		x	x	x
Yuji Sasaki	Japan Computer Industry			x	
Michael Wu	Kodak			x	x
Stuart Rowley	Kyocera		x	x	
Jerry Thrasher	Lexmark	x			
Don Wright ⁽⁵⁾	Lexmark			x	x
Mike Fenelon	Microsoft	x			
John Fuller	Microsoft	x			
Paul Moore	Microsoft			x	
Hitoshi Sekine	Microsoft	x			
Hugo Parra	Novell			x	x
Ben Chun	Samsung Electronics	x	x	x	x
Fumio Nagasaka	Seiko Epson	x		x	
Atsushi Uchino	Seiko Epson			x	
Bob Morford	SIS Microelectronics	x			
Bob Herriot	Sun			x	x
James Kempf	Sun			x	
Chuck Adams	Tektronix			x	x
Larry Stein	Warp 9 Communications	x			
Tom Hastings	Xerox		x	x	

		1394	FIN/JMP	IPP/Plenary	UPDF
Carl-Uno Manros ⁽⁶⁾	Xerox		x	x	
Rick Yardumian	Xerox				x
Pete Zehler	Xerox			x	
Guenther Kapp	Xionics				x

- (1) JMP Chairman
- (2) 1394 PWG Chairman
- (3) UPDF Chairman
- (4) FIN Chairman
- (5) PWG Chairman
- (6) IPP Chairman

2. Administrivia

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

December 14-18, 1998
 Marriott Suites, Symphony Towers
 701 A Street
 San Diego, CA
 Reservations: 1-800-962-1637
 Cutoff Date: November 30
 Rate: \$175 plus tax
 Group Name: PWG or Warp Nine Engineering

He also referenced the 1999 schedule for future PWG meetings:

- Jan 18-22 Maui (Joint PWG/PWG-C)
- Jan 27-29 1394TA Maui
- Mar 1-5 Tampa/St. Pete
- Apr 12-16 New Orleans
- Apr. 4-9 Comdex Tokyo
- May 24-28 Philadelphia
- May 11-14 WWW8 Toronto
- May 10-11 W³C AC Meeting
- May 31-Jun 4 N+I Tokyo
- Jun 22-24 PC-Expo NYC
- Jul 5-9 Copenhagen, Denmark (other European?)
- Jul 12-16 IETF Oslo
- Jul 14-16 Comdex Canada
- Aug 16-20 Alaska (Joint PWG/PWG-C)
- Sep 27-Oct 1 Denver
- Nov 1-5 Raleigh, NC
- Nov 8-12 IETF Wash DC
- Nov 15-19 Comdex
- Dec 13-17 Los Angeles/Santa Barbara area

In response to the concern about meeting in Alaska (i.e. possible negative perceptions), Don reported that he had polled the 1394 PWG group attendees. Don said that none of them voiced any problems with holding the meeting there.

However, other individuals repeated their concern about getting management approval for the Alaska destination. Only six people raised their hands when Don asked who had strong objections. Therefore, the meeting in Alaska remains as scheduled.

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)

The HR MIB changes have now been incorporated and released to become an Internet-Draft Standard. The Printer MIB has been updated to be consistent with the HR MIB, Finisher MIB, and other minor changes. The IETF Area Directors are now actively involved in progressing the HR MIB and Printer MIB along the Standards Track.

Harry Lewis mentioned that he will be coordinating with Lloyd Young and Chris Wellens (IETF WG Co-chairs) to reconsider the direction of attempting to go to Draft Standard or Proposed Standard. The group still has questions/concerns about which might be the better strategy.

After a bit of discussion, the group agreed that the critical goal is to achieve an RFC number as soon as possible—regardless of whether it is as a Draft or Proposed Standard. (It was noted that if the document was initially established as a Proposed Standard, it could always be moved to Draft Standard later.)

3.2 Job Monitoring MIB Project (JMP)

Progress has been made in getting Area Director comments/feedback incorporated and addressed. The last issue outstanding is to include a new object for identifying the MIB version. Ron Bergman hopes to publish the completed specification by the end of the year.

3.3 Finisher (FIN) MIB Project

The MIB is basically in its completed stage. There has been some discussion about coordinating an interoperability test “bake-off”, but the group is not quite sure how to achieve it.

3.4 Universal Printer Description File Format (UPDF) Project

Sandra Matts reported that she and others have been working on finalizing the proposed Charter. A version has been posted for review. She hopes that the group will vote to accept it today. This week’s plan is to review requirements and look at Microsoft’s GPD specification more closely. She expects that the group will begin “real work” this session.

3.5 Internet Printing Protocol (IPP) Project

More details of the bake-off testing results have been circulated to the interoperability test participants. Carl-Uno said that he recently gave a presentation in Boston to the Multifunction Peripheral Association

(MFPA) at their Integrated Office Conference. According to Carl-Uno, there was much interest from the attendees, with increased enthusiasm about IPP. Other presenters at the conference also referenced IPP during their talks.

Yesterday’s meeting discussed issues surrounding the possibility of using IPP for facsimile service. The next updates for the IPP document suite are expected by November 18. These documents will be discussed by both IPP and IFax groups at the next IETF Plenary Session in December.

Carl-Uno reported that he has had contact with the IESG yesterday. Some suggestions for dealing within the IETF will be discussed this week. A teleconference discussion with Keith Moore (IETF Area Director) is planned for tomorrow morning.

3.6 1394 PWG

The group has decided that they want to return to two-day meetings. Hopefully, future PWG schedules can be modified accordingly. Greg LeClair reported that the group has reached consensus on achieving a model for handling LUNs, functions, and services. The OUI acquisition is now completely funded, and Greg will be issuing receipts.

Greg also mentioned that activity in the 1394.1 Group (Bridging) will probably have some impact on the 1394 PWG effort—we will need to track its progress.

4. UPDF Charter Vote

Sandra Matts referenced the proposed Charter for the UPDF Project. (This document is available at: “ftp://ftp.pwg.org/pub/pwg/upd/Archive/UPDChrtr2.pdf”.) Don Wright asked the group for a vote, and the Charter was unanimously accepted.

5. PWG Weekly Schedule

Because the 1394 PWG group wants to return to having two-day meetings, the following schedules were established for the next two PWG meetings:

	<u>San Diego</u>	<u>Maui</u>
Mon	1394	UPDF
Tue	1394	IPP
Wed	am: PWG Plenary pm: IPP eve: MIB	am: PWG Plenary pm: IPP
Thu	IPP	1394
Fri	UPDF	1394

6. Liaison Reports

No liaison reports were given.

7. PWG Process

At the previous PWG meeting, the Intellectual Property (IP) section had been removed from the PWG Process document. Don Wright mentioned that the Lexmark legal group is still reviewing Lee Farrell's proposal for the IP section. Carl-Uno Manros said that Xerox has some concern about PWG not being an incorporated entity. Given that it is not a legal body, there really is no way to own property (or defend such rights.) Hugo Parra said that the Novell legal department suggests that the individual companies should simply put all PWG-related material in the public domain. Chuck Adams agrees that if this were the policy, the PWG would not need to become a legal entity.

All companies are encouraged to (have their company's legal department) continue the review of Lee's proposal and to forward any comments about it to Don Wright.

ACTION: Lee will send a plain text file of the proposal to Don, and Don will post it on the ftp site.

PWG Plenary meeting adjourned.