Printer Working Group Plenary
August 1, 2001

1. Meeting Attendees

		UPDF	Plenary	IPP Fax
Shigeru Ueda	Canon		x	x
Lee Farrell	Canon Information Systems	x	x	x
Atsushi Uchino	Epson		x	
Jim Sommer	Granite Systems	x		
Michael Wu	Heidelberg Digital	x	x	
Ron Bergman	Hitachi Koki	x	x	x
Mark Hamzy	IBM	x		
Mark Vander Wiele	IBM	x		
Don Wright (PWG Chair)	Lexmark	x	x	x
John Pulera	Minolta		x	x
Marty Joel	Netreon		x	x
Gail Songer	Netreon		x	x
Bill Wagner	NETsilicon		x	x
Jeff Christiansen	Novell	x	x	x
Norbert Schade	Oak	x	x	
Charles Kong	Panasonic			x
Stewart Chao	PrinterOn	x		
Mike Kuindersma	PrinterOn		x	x
Patrick Pidduck	PrinterOn	x	x	x
Geoff Soord	Software 2000	x	x	x
Peter Zehler	Xerox	x	x	x

2. Administrivia

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

- October 22-26 [or October 15-19?]
- Texas/Phoenix [or Seattle?]
- Week of October 15 coincides with the UPnP Imaging and UPnP Forum Summit Meetings
- Details TBD

Although originally planned for October 22-26 in Texas or Phoenix, Don suggested that the next PWG meeting could be moved to coincide with the UPnP Summit and UPnP Imaging meetings (October 17-19). However, if the PWG schedule for October requires more than two days, this could present a problem. Several people indicated that they would like to minimize travel to both events—but they did not want to overlap with any of the UPnP meetings.

The schedule for the PWG October meeting will be discussed and finalized on the e-mail list during the next few weeks.

Don noted that the October meeting is the last meeting currently planned for 2001. He presented a proposed meeting schedule for 2002, suggesting that it should be discussed further on the e-mail list:

- Jan   Hawaii
- Mar   Texas
- May   Washington, D.C. or Boston, MA
- Jul   Europe [location convenient to European PWG members]
- Sep   Florida
- Nov   Los Angeles

Don said that the above schedule has been limited to only six meetings to reduce total travel during the year. [A few people expressed their hopes that the economy—and travel budgets—will improve in the future.] It was suggested that if there is too much objection to a meeting being held in Europe, another site could be considered. One individual pointed out that if reservations are made sufficiently in advance, flight costs to Europe are significantly less.

3. <u>Status Reports</u>

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

3.1 Internet Printing Project (IPP)

Many issues have recently been discussed on the IPP e-mail list reflector. Several updated Internet-Drafts have been submitted to the IETF.

3.2 IPP Fax

John Pulera said that he expects many of the remaining issues to be resolved soon, followed by a Last Call of the IPP Fax documents.

3.3 UPDF

Norbert Schade said that the group discussed overall strategy for UPDF and completing Level 1 of the specification. The group also discussed methods and issues regarding the support of raster graphics and color. IBM has indicated that they are willing to take a lead position on generating sample code for UPDF support. A draft agreement for sharing source code is expected in the next few weeks.

3.4 MIBs

55 issues were generated relative to the Printer MIB document. A new version has been created and submitted to the IETF. Ron Bergman reported that the items have been addressed and he hopes that the Printer MIB might reach a conclusion "relatively soon."

3.5 Media Sizes

An updated version of the Media document will be issued soon to include a correction on units for media from China. Ron Bergman thinks that this updated version should be ready for Last Call.

4. Election of Officers

Don noted that it is time for the election of new PWG Officers. The election process and all nominations will be announced via e-mail soon. Don explained that the term of office is two years, beginning September 1 of odd years. Each of the candidates must be a representative of a PWG member organization.

He provided a brief overview of the Officer responsibilities:

Chair
   *   Creation of Working Groups, appointment of initial WG Chair
   *   Meeting planning in coordination with the ISTO
   *   Setting Plenary agenda and chairing the Plenary meetings
   *   Mentoring and guiding WG Chairs
   *   Maintenance of Chair's part of PWG web site (or delegates)

Vice Chair
   *   Acts in the absence of the PWG Chair

Secretary
   *   Maintain records of meetings

5. Proposed New Projects for PWG

Two new Projects have been proposed for future PWG activity. Further discussion on the e-mail list is encouraged.

5.1 Printer Discovery Project

Pete Zehler has proposed a new project to codify the use of service advertisement for printing. He notes that a number of alternative technologies exist today—such as SLP, LDAP, JNDI and SSDP.

Although a template has been defined for SLP and a schema for LDAP, the mapping between them has not yet been standardized. He believes that the PWG should establish recommendations on how printers make use of all the advertisement technologies to insure interoperability in heterogeneous environments.

Another issue to address is how many print channels a printer should advertise and what the exact mechanism should be to make the associated channels of the printer visible. Some solutions may require the ability to identify multiple advertisements of a printer service as belonging to the same device.

5.2 Media Features Project

Tom Hastings has proposed that an additional Media Features project should be established for expanding the media characteristics currently defined. He has identified two primary goals for the project:
   •   Generate a single semantic description of each of the attributes of the media
   •   Develop four standard representations/encodings/bindings:
       *   XML

* self-describing name that can be used in IPP/1.1 "media" attribute or any existing system where a single name string is used
* additional member attributes added to the "media-col" (collection) JobTemplate attribute in the IPP Production Printing Extensions
* an IPP Media Object binding with operations on the Media object

PWG Plenary adjourned.