Printer Working Group
Plenary Meeting Minutes

Vancouver BC
25 May 2004

Submitted by Jerry Thrasher, Lexmark International Inc.

1   Time and Place

The PWG face-to-face meetings were held from May 24-27, 2004 in Vancouver CA area at the Delta Vancouver Hotel in Vancouver CA, coordinated by the IEEE-ISTO office. The schedule for the week is listed below.

Day	Working Group
Monday (May, 24)	WBMM/WIMS F2F Meeting (9:00-5:00 PDT)
Tuesday (May, 25)	PWG Plenary, PWG/SM Process (9:00-5:00 PDT)
Wednesday (May, 26)	Semantic Model Extensions, Standard Imaging System Events Model (9:00-5:00 PDT)
Thursday (May, 27)	CE Print BOF, Transform Service Interface BOF. (9:00-3:00 PDT)

2   Agenda & Schedule

PWG Chairman Harry Lewis started the plenary at 9:00 AM PDT. The agenda of the meeting was as follows:

- Review of April Plenary Minutes
- Project Details and Reports
- Issues/Admin
- August Meeting Planning
- Remainder of 2004 F2F Meeting Schedule
- PWG Membership Overview
- ISTO Financial Report

The updated plenary presentation is located at the following url:

ftp://ftp.pwg.org/pub/pwg/general/presentations/PWGPlenaryMay2004.pdf

3   Meeting Attendees

Attendee	Company	Email Address
In Person		
Farrell, Lee	Canon	lfarrell@cis.canon.com
Lewis, Harry	IBM	harryl@us.ibm.com
Thrasher, Jerry	Lexmark	thrasher@lexmark.com
Wagner, Bill	NetSilicon	wwagner@netsilicon.com
Gilmour, Grant	366 Software	grant.gilmour@shaw.ca
Ito, Fumitsogu	Epson	fito@eitc.epson.com
Via Telecon		
McDonald, Ira	High North	imcdonald@sharplabs.com
Carney, Dennis	IBM	dcarney@us.ibm.com
Zehler, Peter	Xerox	pzehler@crt.xerox.com
Songer, Gail	Peerless	gsonger@peerless.com
Berkema, Alan	Hewlett Packard	alan_berkema@hp.com

4   Reports from Constituent Working Groups

4.1 Semantic Model - SM

The Semantic Model has been formally approved and published as Candidate Standard 5105.1-2004. There are a couple of companies looking at extensions to the Semantic Model but nothing public yet…There are at least three errata that have been found so far in the schemas, Pete Zheler will post details of these errata to the Semantic Model email reflector. How these schema errors will be corrected will be discussed during the Semantic Model F2F on Tuesday afternoon or Wed. morning as well as upcoming teleconferences. Details will be posted to the reflector. There is also work ongoing on the process for extension and maintenance of the Semantic Model specification and schemas.

4.2 Print Services Interface -PSI

PSI is currently in hibernation….

The following items are being addressed:

Address the eventing dependencies that the PSI specification has on other unfinished works (currently being addressed via the Standard Imaging System Events draft)
There was discussion about how to finish the eventing specification to progress the PSI specification to a re-vote. A discussion on the most expedient way to address PSI's specific printing related eventing requirements was scheduled for Wed. afternoon. (minutes of that meeting are appended to the end of the Plenary minutes)

Continue progressing on correcting/updating the informative WSDL to provide prototype WSDL code.

The goal is to re-vote when appropriate.

4.3 IPP FAX – IFX

The IPPFax protocol specification is currently being reviewed and revised via teleconferences and is believed to be technically complete. Work is ongoing but is progressing slowly because of the low participation level in the teleconferences. The current working plan is to not Last Call the completed Working Draft or send it out for Formal Vote due to lack of committed prototypes of the IPPFax protocol.

4.4 UPDF

UPDF is currently in a PWG Formal Vote to become a Candidate Standard that completes on Wed. May 26, at 10:00 PM PDT. Results to be posted to the PWG Announce email list.

4.5 Web-based Imaging Management Services WIMS

The WIMS (formerly WBMM) group has completed the modification of its Charter document to reflect the addition of non-web-based management architectures and protocols. This updated Charter is being Last Called and Formally Voted before the August, 2004 F2F meeting.

Work is ongoing on the development of a Counter Schema (the most significant elements that might be usable for remote management and monitoring of an MFP) for WIMS. There is also work ongoing on a Counter MIB that relates the same information. There is still discussion on actually how this information might be structured in either a MIB format or in an XML Schema.

Also as part of the WBMM/WIMS work, initial drafts of an Imaging System Alert Schema, Report schema, and Event schema have been developed. These are being reviewed and modified during weekly teleconferences. (See the WBMM directory on the PWG's ftp site for these draft schemas.)

Work is also progressing on the WIMS draft specification. (Check the WBMM/WIMS web page for the current draft.)

4.6 CE Print BOF

At the last F2F meeting the initial CE Printing BOF was held to discuss where, if any, there were un-addressed aspects of consumer based printing specifically targeting the very low-end printer that does not contain a sophisticated user interface. A initial draft charter is being developed with the intention of creating a working group if interest levels and a need for standardization warrant. These discussions are being held on the PWG email list and there will be a second CE Print BOF on Thursday morning.

4.7 XHTML-Print

No new status reported:

Both XHTML-Print and CSS-Print are now at the Candidate Recommendation status in the W3C…awaiting interoperable prototypes.

Decision: (from last F2F meeting..still pending)
It was decided to add a note (Document Status) on the current Candidate Standards in the PWG that these documents have been superseded by the current W3C Candidate Recommendations.

4.8 MIBs
The Printer v2 and Finisher MIBS have finished the work by IANA and the effort is back in the IETF RFC editors queue.

From the last F2F, There has been a request from HP Spain to add a unit of measure that may require an update to the Printer MIB…this work is still being evaluated.
Update: that work has been evaluated and there is a modeling alternative that does not require an update to the Printer MIB. This will be documented in a FAQ on the PWG web site.

4.9 PWG Process
The Process Document is currently in Last Call and ends on June 2, 2004. A version that addresses the current comments is available for review. After a thorough review during the May PWG F2F meeting and a possible Teleconference Plenary meeting in July, a Formal Vote is held before the August F2F meeting.

5 PWG Issues/Administration

5.1 Addressing the MFP from a Service and Device Management standpoint.
There was a discussion about the interest level in developing a model for an MFP from both a service as well as a device standpoint (similar to what the Semantic Model and Printer MIBv2 provide for a Printer). This need was defined as part of the WIMS work on the various management schemas since there is no clear structure defined for an MFP within the Printer Working Group. (See the Imaging System Model draft in the WIMS directory on the PWG ftp site.)

Possible alternatives to address this work are: 1. Create a new, chartered working group to develop the specification, 2. Handle it as a Semantic Model extension within the Semantic Model Working group (with a charter modification), or 3. Develop it in the WIMS working group when time permits and/or not address it at the current time.

Decision: It was decided to post an announcement to the PWG reflector to gauge the interest level before deciding exactly how to address the need.

5.2 Hotel Room Block

There is an issue about penalties incurred by the PWG for the ISTO staff not being able to accurately predict the number of people attending PWG F2F meetings for reserving hotel meeting rooms and meeting space.

Decision: The PWG Chair will send out ping request for intent to attend upcoming F2F meetings. A ping request for the next F2F meeting will be sent out right after the current F2F meeting ends. If the ping list reply is light, the meetings may be cancelled or otherwise adjusted based on the projected participation level.

5.3 Other Issues/Concerns

None:

6 Next meeting (August) Day by Day Schedule

The current August 16-20, 2004, meeting day planning was discussed. (Montreal CA)

Currently:
- Monday (CE Print BOF, Transform Service Interface BOF)
- Tuesday (WIMS Working Group, MFP Model BOF)
- Wednesday (Plenary, SM Working Group, PSI Working Group (Standard Printer Events)
- Thursday/Friday (IEEE P2600)

6.1 Future Meeting Schedule Weeks

The remaining 2004 PWG meeting schedule was presented during the plenary meeting subject to modification for changes in participation. The schedule for the remaining 2004 PWG meetings after the August, Montreal CA meeting are as follows:

Week of	Location
October (4-8)	Lexington KY.
November (15-19)	San Antonio TX.

7 PWG Financial Report

Harry Lewis presented the PWG financial report prepared by the ISTO.
Copies of these slides may be requested from the PWG chair.

8 Standard Printing Events (PSI) meeting minutes/plan of action:

Recorded by Ira McDonald:

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At yesterday's meeting, we decided to simplify my recent
"Standard Imaging Systems Events" draft and remove _all_
of the multi-function/non-printer events and classes.

I will very shortly issue "Standard Print System Events"
as a PSI working draft.  We will review it on the PSI
mailing list (and in PSI telecons, if necessary).

PWG people agreed to plan to hold an "Interim Plenary"
(by telecon) in July, in order to:

(1) Complete adoption of PWG Process 2.0

(2) Complete 'last call' and then start Formal Approval
(PWG-wide vote) of "Standard Print System Events".
Then PSI/1.0 could be revoted for adoption.

So we plan to keep the "SendXxxEvent" methods in PSI/1.0
and the Events schema should be approved for addition
to the PWG Semantic Model to support those methods.
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