

# Internet Printing Protocol Workgroup Meeting Minutes

## January 30, 2020

Meeting was called to order at approximately 3pm ET.

### Attendees

Sean Kau (Google)  
Jeremy Leber (Lexmark)  
Ira McDonald (High North)  
Michael Sweet (Lakeside Robotics)  
Uli Wehner (Ricoh)

### Agenda Items

1. IP Policy and Minute Taker
  - [http://www.pwg.org/chair/membership\\_docs/pwg-ip-policy.pdf](http://www.pwg.org/chair/membership_docs/pwg-ip-policy.pdf)
  - IP policy accepted, Mike taking minutes
2. Review previous minutes
  - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20200116.pdf>
  - Approved as posted
  - Tentative March 12, 2020 concrete printing WebEx (add to 3D Liaison slides)
3. Status/Review of various IPP mailing list notes
  - <https://www.pwg.org/archives/ipp/2020/020356.html>
    - MOPRIA Alliance Print Specification Accounting Support requirement
    - 4.18.2.d is incompatible with Apple AirPrint
    - Out-of-scope for PWG discussion?
    - Will continue discussions at the F2F
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
  - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20191202.htm>
  - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200113.htm>
  - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200127.htm>
  - See PWG Steering Committee minutes from 12/02/19, 01/13/20, 01/27/20
5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
  - None in progress
6. Quick status of IPP Transaction-Based Printing Extensions v1.1 (Mike)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrans11-20200128-rev.pdf>
  - Stable draft - for a Candidate Standard errata update
  - IPP WG review on 19 December 2019 - completed
  - Schedule - Start IPP WG last call of Stable draft?
  - Add "printer-requested-job-attributes (1setOf keyword)" Printer Description

- attribute from Job Accounting to this spec as RECOMMENDED
  - Section 4: Change title to "IPP Model"
  - Section 7.1:
    - Break first sentence into two SHOULD sentences.
  - Action: Mike to post final stable draft of IPP TRANS 1.1 and start IPP WG last call
7. Quick status of IPP Label Printing Extensions v1.0
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipplabel10-20200128-rev.pdf>
  - Stable draft - for an IPP Registration
  - IPP WG review on 13 January 2020
  - Schedule - Start IPP WG Last Call of Stable draft?
  - Section 7.1:
    - Turn into a bulleted list for clarity
  - Section 8.x:
    - Add section 7 as a SHOULD ("Printers SHOULD support the recommendations in section 7.", etc.)
  - Action: Mike to post final stable draft of IPP Label 1.0 and start IPP WG Last Call
8. Quick Review of IPP WG slides for PWG February F2F (Mike)
- <https://ftp.pwg.org/pub/pwg/ipp/slides/ipp-wg-agenda-february-20d1.pdf>
  - <https://ftp.pwg.org/pub/pwg/ipp/slides/ipp-wg-agenda-february-20d1.pptx>
  - Slide 5: Add PWG MIBs
  - Slide 13: Update document link
  - Slide 14: Q2 2020
  - Slide 16:
    - Update for new document with printer-requested-job-attributes moved to IPP TRANS 1.1
    - Q2 2020
  - Slide 17: "Identify business and legal issues..."
  - Delete old slide 18 (what to do with printer-requested-job-attributes)
  - Slide 18 (Identify Specific Attributes)
    - "Key previously identified attributes"
  - Slide 19 (How to support)
    - "During a transitional phase, accounting systems ..."
  - Slide 23: Q3 2020
  - Slide 24: Q2 2020
  - Slide 26: Liaison with 3D PDF Consortium
9. Status of various IPP documents (All)
- IPP Encrypted Jobs and Documents (Mike/Smith)
    - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrustnoone10-20200128-rev.pdf>
    - Interim draft - for a Candidate Standard
    - PWG F2F skipped on 21 November 2019
    - Schedule - Prototype draft in Q1 2020
  - IPP Driverless Printing Extensions v2.0 (Smith)
    - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippnodriver20-20191121-rev.pdf>

- Interim draft - for a Candidate Standard
- Renamed to Driverless Printing Extensions (NODRIVER)
- IPP WG review on 19 December 2019 - stopped at "printer-input-tray"
- Schedule - Prototype draft in Q1/Q2 2020
- Job Accounting for IPP v1.0 (Mike)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20191022-rev.pdf>
  - Interim draft - for a Best Practice
  - PWG F2F review on 21 November 2019 - stopped at section 6
  - Schedule - Prototype draft in Q1 2020
- IPP Production Printing Ext v2.0 (Mike)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippppx20-20191216-rev.pdf>
  - Prototype draft - for a Candidate Standard
  - PWG F2F review on 20 November 2019 - completed
  - Schedule - Stable draft in Q1 2020
- IPP Enterprise Printing Ext v2.0 (Smith)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20191010-rev.docx>
  - Interim draft - for a Candidate Standard
  - PWG F2F review on 20 November 2019 - completed
  - Schedule - Prototype draft in Q1/Q2 2020
- IPP Everywhere 1.1 (Mike)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve11-20190827-rev.pdf>
  - Stable draft - for a Candidate Standard
  - PWG F2F status on 20 November 2019
  - Defer IPP WG Last Call until IPP Everywhere Self-Cert v1.1 is ready
  - Hoping to get beta of Self-Cert v1.0 update 4 out before the end of 2019
  - Schedule - Stable working drafts/beta tools in Q1 2020
- IPP Everywhere Self-Certification Manual v1.1 (Mike)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert11-20190827-rev.pdf>
  - Prototype draft - for a Candidate Standard
  - PWG F2F status on 20 November 2019
  - Update and start IPP WG Last Call together w/ IPP Everywhere v1.1
  - Hoping to get beta of Self-Cert v1.0 update 4 out before the end of 2019
  - Schedule - Stable working drafts/beta tools in Q1 2020

#### 10. Open Printing update (Ira)

- <https://openprinting.github.io>
- OP website is now live w/ IPP Everywhere logo
- OP monthly calls (11/05/19, 12/10/19), (01/14/20)
- GSoC 2020
  - Mentor organization applications opened on 14 January 2020
  - OP planning and student search has started

## **Next Steps / Open Actions**

- F2F sessions on February 5 and 6, 2020
- Next conference calls February 13 and 27, 2020 at 3pm
- Action: Mike to post final stable draft of IPP TRANS 1.1 and start IPP WG last call
- Action: Mike to post final stable draft of IPP Label 1.0 and start IPP WG Last Call
- Action: Mike, Smith, and Ira to provide 3D printing liaison slide updates (PENDING - need to talk with Paul to determine which slides these are)