The Printer Working Group

IPP Workgroup Session

August 11, 2015

PWG F2F Meeting

Camas, WA (hosted by Sharp)

IPP WG Meeting Agenda

August 11, 2015

When	What
1:30 - 2:00	IPP Workgroup Status
3:00 - 4:45	IPP System Service (SYSTEM)
4:45 - 5:00	Next Steps

IPP WG Officers

- IPP WG Co-Chairs:
  - Paul Tykodi (TCS)
  - Ira McDonald (High North)
- IPP WG Secretary:
  - Michael Sweet (Apple)
- IPP WG Document Editors:
  - Ira McDonald (High North) – IPP System Service (SYSTEM), IETF IPP/1.1, IEEE IPP/2.0
  - Michael Sweet (Apple) – IPP System Service (SYSTEM), IETF IPP/1.1, IEEE IPP/2.0
  - Smith Kennedy (HP) - IPP Implementor's Guide 2.0 (IG)

- IETF RFCs in development:
  - IETF IPP/1.1: Encoding and Transport (obsoletes RFC 2910/3382)
  - IETF IPP/1.1: Model and Semantics (obsoletes RFC 2911/3382)

- PWG Specifications in development:
  - IPP 2.0, 2.1, and 2.2   - Stable Draft
  - IPP Everywhere Printer Self-Certification Manual 1.0 (SELFCERT)
                                              - Prototype Draft
  - IPP Implementors Guide 2.0 (IG)   - PWG Formal Vote
  - IPP System Service (SYSTEM)   - Interim Draft

- Recent Candidate Standards:
  - PWG 5100.18-2015: IPP Shared Infrastructure Extensions (INFRA)
  - PWG 5100.15-2014: IPP FaxOut Service (errata)
  - PWG 5100.17-2014: IPP Scan Service (SCAN)
  - PWG 5100.1-2014: IPP Finishings 2.0 (FIN)

- Recent IETF RFCs:
  - RFC 7612: LDAP Schema for Printer Services
  - RFC 7472: IPP over HTTPS Transport Binding and "ipps" URI Scheme

- Up-to-date pending IANA registrations online:
  - http://www.pwg.org/ipp/ipp-registrations.xml
  - Continue to maintain this in parallel for new specifications

IPP Everywhere Printer Self-Certification (SELFCERT)

- Current prototype draft and tools:
    - http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert10-20150415.pdf
    - http://www.pwg.org/ipp/everywhere.html (for tools)
- Received beta test feedback on web site and tools
    - Web site needs to notify submitter of status changes (submission accepted, when reviewers make their changes, etc.)
    - Still need to post signed Windows tools
- Also need to make some minor license agreement changes to address registered trademark status
- Next draft will have "stable" status
- Proposed schedule:
    - Publish stable draft - Q3 2015
    - WG Last Call Q3 2015
    - PWG Last Call Q3/Q4 2015

IPP Implementor's Guide 2.0 (IG)

- Current stable draft at:
  - http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-20150623-rev.pdf
- In PWG Formal Vote until August 21, 2015
  - http://www.pwg.org/pipermail/pwg-announce/2015/003681.html
  - Please vote!

IETF IPP/1.1

- Developing two new RFCs to replace (obsolete) RFCs 2910, 2911, 3381 (deprecated job progress attributes), and 3382 (collection attribute syntax)
- Stable drafts:
  - http://tools.ietf.org/html/draft-sweet-rfc2910bis
  - http://tools.ietf.org/html/draft-sweet-rfc2911bis
  - *Drafts are being AD-sponsored by Barry Leiba, IETF ART Director, for publication as IETF Proposed Standard*
  - *RFCs will eventually be advanced to IETF Internet Standard through status change (IETF process)*
- Proposed schedule:
  - IETF Last Call - Q3 2015
  - IESG Approval - Q4 2015

IEEE IPP/2.0

- Updating PWG 5100.12-2011: IPP/2.0 Second Edition to full IEEE standard
- Stable draft at:
  - http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp20-20150611-rev.pdf
- Proposed schedule:
  - WG Last Call - Q3 2015
  - PWG Last Call - Q3 2015 (before next F2F)
  - PWG Formal Vote - Q4 2015

IPP System Service

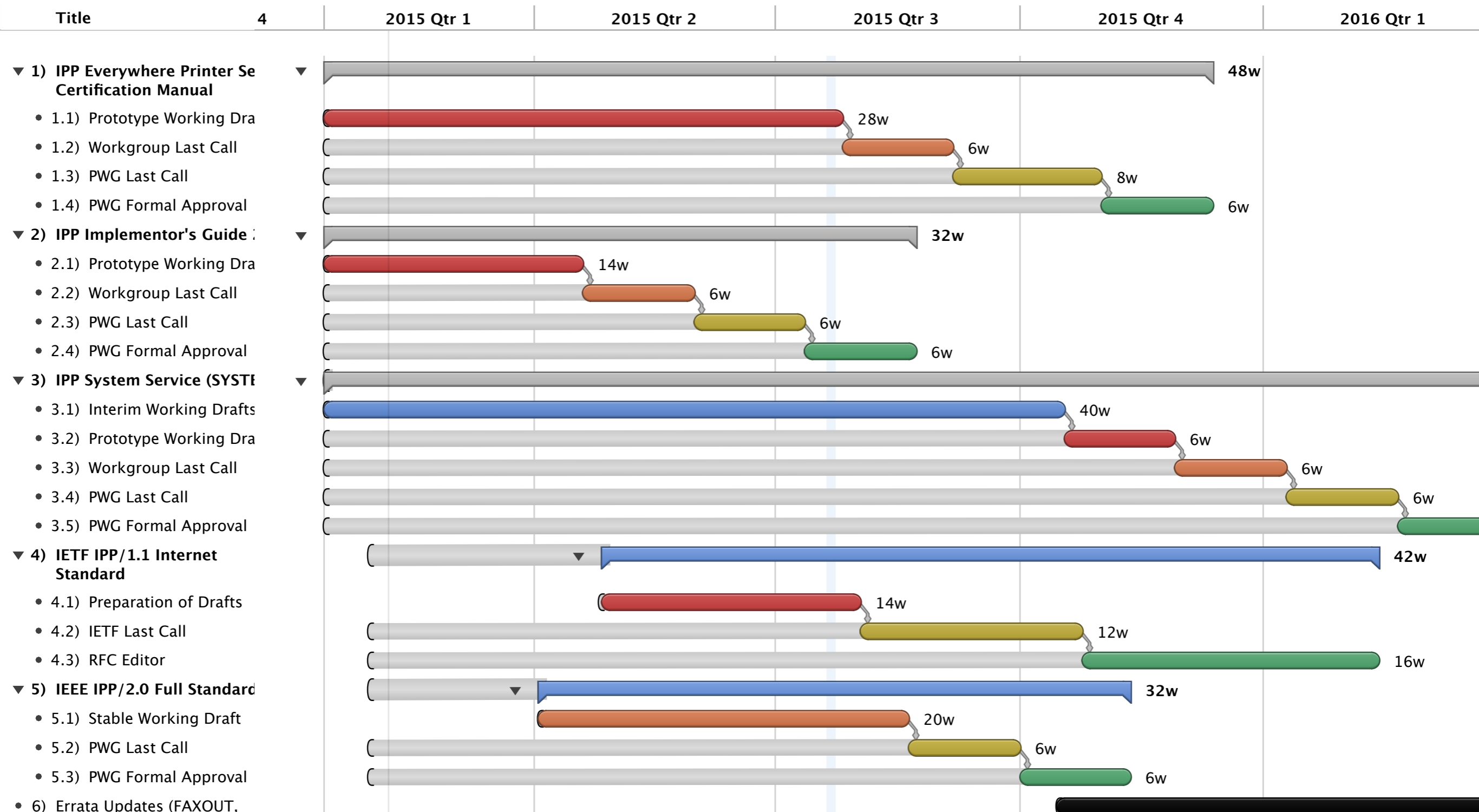- Current interim draft at:
  - http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-2015MMDD-rev.pdf
- Proposed Schedule:
  - Prototype draft in Q3/Q4 2015

The Printer Working Group

Next Steps

IPP WG Next Steps

Title	4	2015 Qtr 1	2015 Qtr 2	2015 Qtr 3	2015 Qtr 4	2016 Qtr 1

▼ **1) IPP Everywhere Printer Se Certification Manual** — 48w
- 1.1) Prototype Working Dra — 28w
- 1.2) Workgroup Last Call — 6w
- 1.3) PWG Last Call — 8w
- 1.4) PWG Formal Approval — 6w

▼ **2) IPP Implementor's Guide** — 32w
- 2.1) Prototype Working Dra — 14w
- 2.2) Workgroup Last Call — 6w
- 2.3) PWG Last Call — 6w
- 2.4) PWG Formal Approval — 6w

▼ **3) IPP System Service (SYSTE**
- 3.1) Interim Working Drafts — 40w
- 3.2) Prototype Working Dra — 6w
- 3.3) Workgroup Last Call — 6w
- 3.4) PWG Last Call — 6w
- 3.5) PWG Formal Approval

▼ **4) IETF IPP/1.1 Internet Standard** — 42w
- 4.1) Preparation of Drafts — 14w
- 4.2) IETF Last Call — 12w
- 4.3) RFC Editor — 16w

▼ **5) IEEE IPP/2.0 Full Standard** — 32w
- 5.1) Stable Working Draft — 20w
- 5.2) PWG Last Call — 6w
- 5.3) PWG Formal Approval — 6w

- 6) Errata Updates (FAXOUT,

IPP WG Next Steps

- IPP Everywhere Printer Self-Certification Manual 1.0
  - Stable draft and WG Last Call in Q3 2015
  - PWG Last Call in Q3/Q4 2015 (before the next F2F)
- IPP Implementor's Guide 2.0 (IG)
  - Complete PWG Formal Vote
- IPP System Service (Mike/Ira)
  - Prototype working draft in Q4 2015
- Advance IPP/1.1 to IETF Internet Standard
  - IETF Last Call in Q3/Q4 2015 (~15 year anniversary of IPP/1.1)
- Advance IPP/2.0 to Full IEEE Standard
  - PWG Last Call in Q3 2015 (before the next F2F)
  - PWG Formal Vote in Q4 2015 (~15 year anniversary of IPP/1.1)

- We welcome participation from all interested parties
- IPP Working Group web page
  - http://www.pwg.org/ipp/index.html
- Subscribe to the IPP mailing list
  - https://www.pwg.org/mailman/listinfo/ipp
- IPP WG holds bi-weekly phone conferences announced on the IPP mailing list
  - Next conference calls August 31 and September 21, 2015 at 3pm ET
    - Skipping September 14, 2015 due to Labor Day
  - Held on same weeks of Imaging Device Security WG