IAB Report

IETF 86
Orlando, Florida
March 11, 2013

PLAIN OLD TELEPHONE
SERVICE (POTS)
1876-2018

I A B

IAB Wiki: http://trac.tools.ietf.org/group/iab/trac/wiki
Presentations: https://datatracker.ietf.org/meeting/86/materials.html
Jabber room: plenary@jabber.ietf.org

Tonite's Plenary Agenda

- IAB & IRTF Chair Reports (15 minutes)
- Topic I: The End of "Plain Old Telephone Service" (POTS) (60 minutes)
  - Speaker: Dr. Henning Schulzrinne, Chief Technical Officer, US Federal Communications Commission
- Topic II: IEEE 802 OUI Registry Restructuring (15 minutes)
  - Speaker: Glenn Parsons, Chair IEEE Registration Authority Committee (RAC)
  - Draft: http://tools.ietf.org/html/draft-ieee-rac-oui-restructuring
- RFC Editor Report (Heather Flanagan, 15 minutes)
- Introduction of the new IAB & Open Mike (15 minutes)

# Other Sessions of Potential Interest at IETF 86

- The World Conference on International Telecommunications 2012: What Happened, What's Next?
  - Thursday, March 14 @1730-1830, Caribbean 3
  - Moderators: Ross Callon and Joel Halpern
  - Speaker: Sally Shipman Wentworth (ISOC)
  - Agenda: https://datatracker.ietf.org/meeting/86/agenda/iab-wcit/
  - MeetEcho Sessions & Recordings: http://ietf86.conf.meetecho.com/

Highlights since IETF 85

- IANA Evolution Program
  - 2013 IANA SLA to be signed during IETF 86; includes datatracker integration timelines, IANA's assistance with drafts.

- Liaison Oversight Program
  - "IEEE 802/IETF Relationship" revision adopted and completed IAB Last Call.
  - First draft of liaison tool requirements completed.
  - Publication of RFC 6852; OpenStand presentation at GSS in Dubai; face-to-face scheduled at IETF 86.
  - **IETF sends liaison to ISO/IEC JTC1/SC6 regarding Tisec**

  - RFC Editor Program
  - Completion of Call for Comment on "RFC Series Format Requirements and Future Development" (17 issues filed, resolutions now posted)
  - -03 draft posted: http://tools.ietf.org/html/draft-iab-rfcformatreq
  - IAB publication approval on March 14, 2013.

  - Privacy Program
  - Completion of Call for Comment on "Privacy Considerations for Internet Protocols".

  - Internationalization Program
  - Approval of "Principles for Unicode Code Point Inclusion in Labels in the DNS".
  - Approval of "Issues in Identifier Comparison for Security Purposes".

  - ITU-T Coordination Program
  - G.8113.1 (MPLS-TP OAM) codepoint is now assigned.
  - Program has been scaled back.

Appointments in Progress
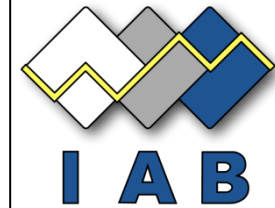
- **Call for nominations: IETF Appointment to the ISOC Board of Trustees**
- **Call for nominations: IETF Liaison to ICANN Board of Directors** (Extended until March 18, 2013).

Source: http://en.wikipedia.org/wiki/Impressment

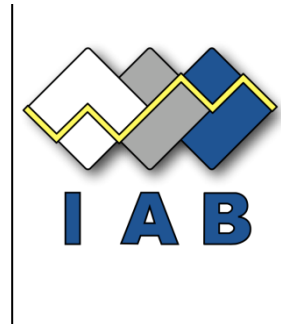# IAB Membership Update

- New Chair: Russ Housley

- Incoming
  - Eliot Lear, Xing Li, Andrew Sullivan

- Outgoing
  - David Kessens, Danny McPherson, Jon Peterson

- Continuing
  - Bernard Aboba, Jari Arkko (Incoming IETF Chair), Marc Blanchet, Ross Callon, Alissa Cooper, Spencer Dawkins, Joel Halpern, Dave Thaler, Hannes Tschofenig

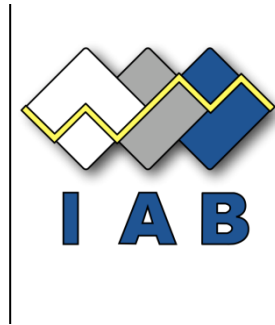- Executive Director: Mary Barnes

- Executive Assistant: Cindy Morgan
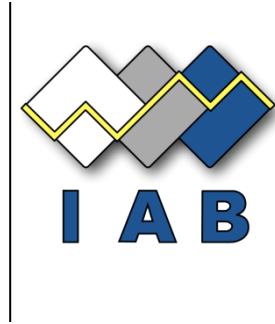
Standards Process Oversight and Appeals

- http://www.iab.org/appeals/
- There were no appeals.

PROGRAM REPORT

About the IAB

- Charter (RFC 2850)
  - http://tools.ietf.org/html/rfc2850
- Website
  - http://www.iab.org/
- Programs
  - http://www.iab.org/activities/programs/
- Drafts and RFCs
  - http://wiki.tools.ietf.org/group/iab/
- Issue Tracker
  - http://trac.tools.ietf.org/group/iab/trac/report/1
- Documents & Correspondence
  - http://www.iab.org/documents/correspondence-reports-documents/
- Minutes (thanks to Cindy Morgan!)
 - http://www.iab.org/documents/

IAB Responsibilities (RFC 2850)

a. IESG Appointment

b. Architectural Oversight

c. Standards Process Oversight and Appeal

d. RFC Series and IANA

e. ISOC Liaison

f. External Liaison
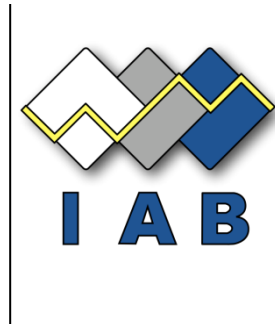
IAB Programs

- Emergency Services (IAB Lead: Hannes Tschofenig)
- IAB Tools and Processes (IAB Lead: Mary Barnes)
- IANA Evolution (IAB Lead: Jari Arkko, Chair: Olaf Kolkman)
- Internationalization (IAB Lead: Dave Thaler)
- IP Evolution (IAB Lead: Jari Arkko)
- ITU-T Coordination (IAB Leads: Joel Halpern & Ross Callon, Chair: Eliot Lear)
- Liaison Oversight (IAB Lead: Spencer Dawkins)
- Privacy (IAB Lead: Alissa Cooper)
- RFC Editor (IAB Lead: Joel Halpern, Chair: Fred Baker)
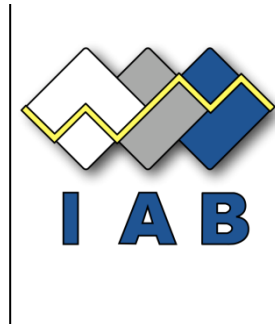
Public Mailing lists

- General Architecture Discussion
  - architecture-discuss@ietf.org
  - To join: https://www1.ietf.org/mailman/listinfo/architecture-discuss

- Internationalization
  - i18n-discuss@ietf.org
  - To join: https://www.ietf.org/mailman/listinfo/i18n-discuss

- Privacy
  - ietf-privacy@ietf.org
  - To join: https://www.ietf.org/mailman/listinfo/ietf-privacy

- RFC Series
  - rfc-interest@rfc-editor.org
 - To join: https://www.rfc-editor.org/mailman/listinfo/rfc-interest

IAB Tech Chats

- February 6, 2013: Thomas Narten, "ICANN"
- December 5, 2012: Andrew Sullivan, "IDN TLD Variants" (Internationalization Program)
- October 3, 2012: Don Blumenthal, "Filtering" (IP Evolution Program)
- May 30, 2012: Cameron Byrne, "T-Mobile IPv6 Deployment" (IP Evolution Program)
- March 7, 2012: Richard Shockey, "The End of POTS" (Emergency Services Program)
- January 4, 2012: Sally Wentworth, "WCIT 2012" (ITU-T Coordination Program)
- December 7, 2011: Henning Schulzrinne, "Technology and Regulation" (Emergency Services Program)
- November 2, 2011: Dave Thaler and Stuart Cheshire, "Firewalls" (IP Evolution Program)
- September 7, 2011: Jari Arkko, Tom Phinney and Pascal Thubert, "Industrial Networks" (IP Evolution Program)

RFCs Published in the IAB Stream

RFCs Published within the IAB Stream

Document Status
## (http://trac.tools.ietf.org/group/iab/trac/report/1)
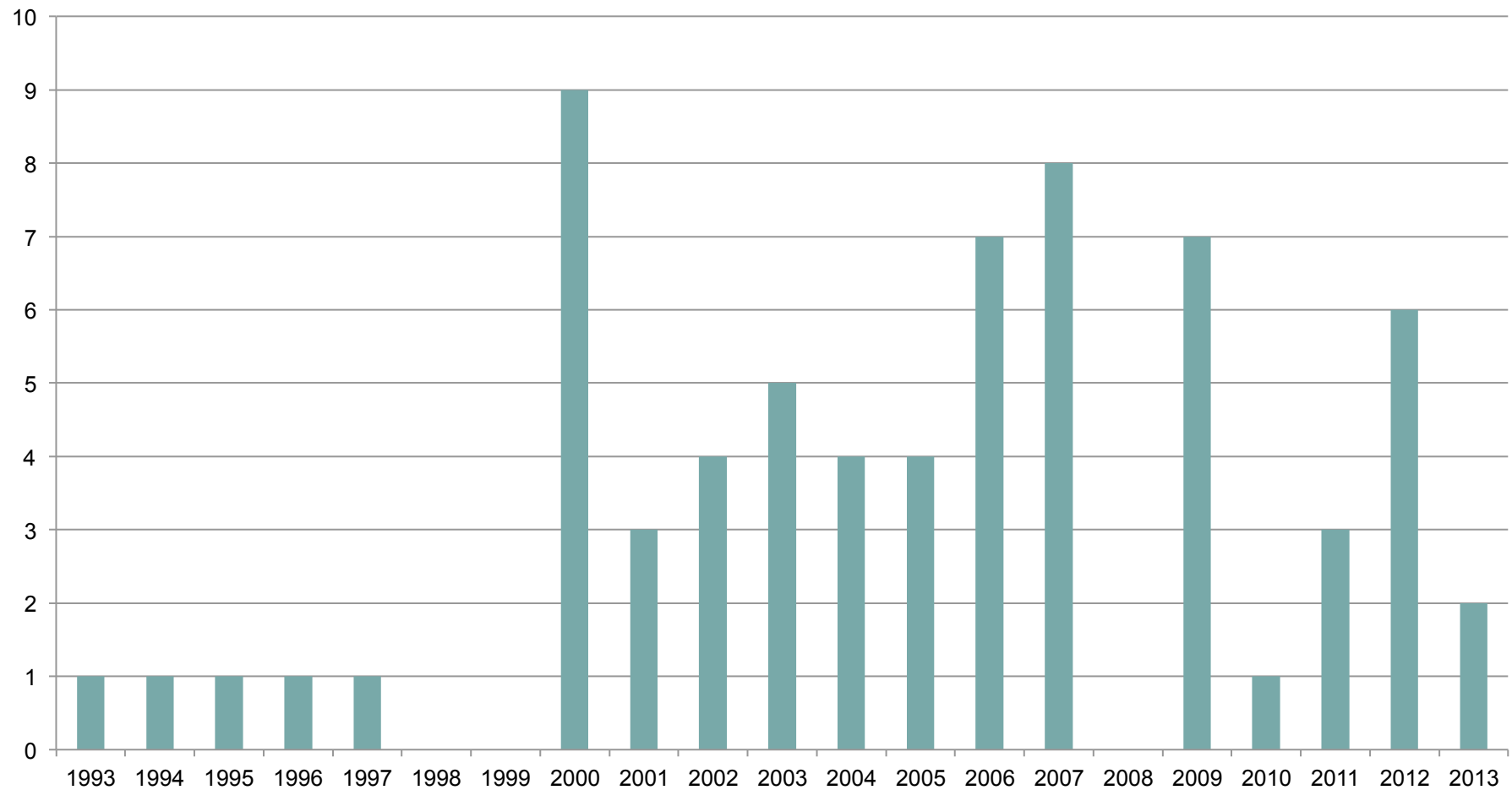
- Published in 2013
  - RFC TBD: Principles for Unicode Code Point Inclusion in Labels in the DNS
  - RFC 6852: Affirmation of the Modern Paradigm for Standards (Liaison Oversight Program)

- Approved for Publication
  - draft-iab-identifier-comparison (I8n Program)
  - draft-iab-dns-applications (DNS Initiative)
  - draft-iab-rfcformatreq (RFC Editor Program)

- Completed Call for Comment
  - draft-iab-privacy-considerations (Privacy Program): 4 open issues

- Completed IAB Last Call
  - draft-iab-rfc4441rev (Liaison Oversight Program): 10 open issues

- IAB Work Items
  - draft-iab-cc-workshop-report (IP Evolution Program): 2 open issues
  - draft-iab-smart-object-architecture (IP Evolution Program): 2 open issues
  - draft-iab-anycast-arch-implications (IP Evolution Program): 4 open issues
  - draft-iab-filtering-considerations (IP Evolution Program): 9 open issues

Internationalization Program

- IAB Lead: Dave Thaler
- Focus and Membership:
  - http://www.iab.org/activities/programs/internationalization-program/
- Discussion welcome at i18n-discuss@ietf.org
- Recent activities
  - Concluded no workshop on IDNs needed at this time
  - "Principles for Unicode Code Point Inclusion in Labels in the DNS" (draft-iab-dns-zone-codepoint-pples) now in RFC editors queue
  - "Issues in Identifier Comparison for Security Purposes" (draft-iab-identifier-comparison) submitted to RFC editor
  - Discussed issues with UTF-8 in RFCs
- Next steps
  - Continue to monitor ICANN's Variant Issues Project report
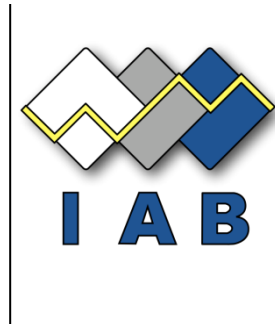
RFC Editor Program

- IAB lead: Joel Halpern
- The program activities are carried out by the RFC Series Oversight Committee (RSOC):
  - http://www.iab.org/activities/programs/rfc-editor-program/
- Community review takes place on rfc-interest@rfc-editor.org
- The RSE is leading an effort to determine community needs and appropriate steps regarding the format of RFCs
  - Current Internet Draft: draft-iab-rfcformatreq
  - Process for community input and review described in RFC 6635.

Status of draft-iab-rfcformatreq

- Call for Comment completed on March 1, 2013.
  - 17 issues raised.
  - Resolutions to all issues posted.
- -03 draft posted to the archive on March 10, 2013.
- Plan
  - Discussion on the rfc-interest list.
  - Review by RSOC/IAB.
  - Approval on the agenda for IAB breakfast meeting on Thursday, March 14, 2013.
  - Please send your thoughts to the list NOW!

ITU-T Program

- WTSA and WCIT are behind us. Key issues:
  - G.8113.1 (MPLS-TP OAM) codepoint is now assigned
  - G.8113.2 is approved (this is the IETF version)
  - Y.2770 (Y.dpireq) is approved
  - Strategic Review Committee formed to look at the long term structure of ITU-T (we should not participate)
  - A review relating to all collaboration will take place in TSAG
  - ITU-T is confused about what "normative" means in referencing. This will be addressed in TSAG
  - SG 11 will be handling Comformance & Interoperability testing
    - IPv6 is on the list in one question
    - SGs 13 and 17 have their eyes on LISP (but no experts)
  - Split within the Union over WCIT
- Program has now been scaled back
  - Focus of IETF should be on technical excellence
  - No robust response is required in the near future
    - Awaiting IESG choice for representation
- Program managers to transition
- Several outstanding liaisons (one to SG12 about to go out the door)

IANA Evolution Program

- IAB Lead: Jari Arkko

- Chair: Olaf Kolkman

- Focus and Membership:
  - http://www.iab.org/activities/programs/iana-evolution-program/

- Tasks:
  - Strategic planning for the relationship(s), building on RFC 6220
  - Tracking developments
- IANA Functions Contract
  - RFCs, MoUs, SLAs and NTIA contracts in place
- Developments
  - 2013 SLA to be signed during IETF-86 – datatracker integration timelines, IANA's assistance with drafts
  - Ongoing conversations with I* leadership, ICANN, ISOC, NRO/RIR, NTIA; thought exercises about the future of these relationships
  - Public consultation on the root zone KSK rollover:
  - http://www.icann.org/en/news/announcements/announcement-08mar13-en.htm

IP Evolution Program
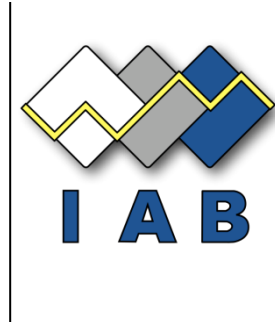
- IAB Lead: Jari Arkko

- Focus and membership: http://www.iab.org/activities/initiatives/ip-evolution/

- Discussion welcome at architecture-discuss@ietf.org

- Notable events

  - Draft on smart object architectural considerations adopted, now -01

  - The program is considering re-organization & re-focus

Liaison Oversight Program

- IAB Lead: Spencer Dawkins
- Focus:
  - http://www.iab.org/activities/programs/iab-liaison-coordination-program/
- Recent activities
  - IEEE 802/IETF relationship doc revision in IAB Last Call
  - First draft of liaison tool requirements completed
- External liaisons
  - **IETF sends liaison to ISO/IEC JTC1/SC6 regarding Tisec**
  - **Proposed IEEE Registration Authority Committee OUI Tier Restructuring**
- Next Steps
  - Complete revision of IETF/IEEE 802 relationship document
  - Complete liaison tool requirements doc
  - Review liaison shepherd assignment reflecting new IAB

Emergency Services Program

- IAB Lead: Hannes Tschofenig
- Focus and membership:
  http://www.iab.org/activities/programs/emergency-services/
- Discussion welcome at architecture-discuss@ietf.org
- Recent Activities
  - Face-to-face meeting at Vancouver IETF meeting to discuss a liaison to M493 and the accuracy of third party location-based services for use with emergency services.
  - Conference call about liaison to ETSI M493 group, and WCIT proposals that relate to "universal and emergency services"
- Documents and correspondence
  - IAB letter to the European Commission on Global Interoperability of Emergency Services
  - IETF initiated discussions on emergency services support for XMPP and RTCWEB.
- Next steps
  - High-level whitepaper on IETF emergency services architecture.
  - Opinion on WCIT proposals that relate to "universal and emergency services"

IAB Processes and Tools

- IAB Lead: Mary Barnes
- Focus and membership:
  http://www.iab.org/activities/programs/iab-tools-and-processes-program/
- Recent Activities:
  - IAB Public Wiki created at http://trac.tools.ietf.org/group/iab/trac/wiki
  - Updating Programs on the IAB and internal wiki webpages
  - New mailing lists for new activities and programs.
  - Cleaning up internal IAB wiki – a slow process as it's necessary to ensure information isn't lost
- Next steps:
  - IPv6 for IAB internal website
  - Complete program updates
  - Complete cleanup of internal wiki homepage
  - Other ongoing tasks

Questions?