IEEE 802 Plenary Meeting
November 2015, Dallas, TX, USA
802.1 Meeting Minutes, 9-12 November 2015

Attendees

Last Name	First Name	Middle Name	Affiliation
Bagby	David		Calypso Ventures, Inc.
Belitz	Tobias		Renesas Electronics Corporation
Bjornstad	Steinar		TransPacket
Boiger	Christian		b-plus GmbH
Chang	Xin		Huawei Technologies Co. Ltd
Chen	David		NSN, Inc.
Chen	Feng		Siemens AG
Cheng	Weiying		Coriant
Chung	Hwan Seok		ETRI
Cummings	Rodney		National Instruments Corporation
Ellegaard	Lars		Vitesse Semiconductor Corporation
Fang	Yonggang		ZTE Corporation
Farkas	Janos		Ericsson
Finn	Norman		Cisco Systems, Inc.
Garner	Geoffrey Steven		Broadcom Corporation
Gorshe	Scott		PMC-Sierra, Inc.
Gravel	Mark		Hewlett-Packard Development Company, L.P.
Gray	Eric W		Ericsson AB
Grigat	Michael		Deutsche Telekom AG
Gunther	Craig		Harman International Industries, Incorporated
Gutierrez	Marina		TTTech Computertechnik AG
Haddock	Stephen		Stephen Haddock Consulting, LLC
Hantel	Mark		Rockwell Automation
Harkins	Daniel		Aruba Networks, Inc.
Holness	Marc		Ciena Corporation
Hsieh	Tien Yuan		Industrial Technology Research Institute (ITRI)
Ivry	Raanan		Optima Labs
Jeffree	Anthony		Broadcom, HP
Jin	Liang		Spirent Communications
Joo	Bheom-Soon		ETRI
Juho	Lee		Hanyang Univerisity

Kang	Taekyu	Electronics and Telecommunications Research Institute (ETRI)
Kehrer	Stephan	Hirschmann Automation and Control, Inc.
Klein	Philippe	Broadcom Corporation
Korhonen	Jouni	Broadcom Corporation
Lambert	Paul	Marvell Semiconductor, Inc.
Lee	Han Hyub	ETRI
Leicht	Suzanne	National Security Agency
Malinen	Jouni	Qualcomm Incorporated
Marin	James	Self Employed
Marks	Roger	EthAirNet Associates
McBeath	Tom	Spirent Communications
McIntosh	James	Microsemi Corporation
Messenger	John	ADVA Optical Networking Ltd.
Mustala	Tero	Nokia Networks
Noseworthy	Bob	University of New Hampshire InterOperability Laboratory (UNH-IOL)
Pannell	Donald R	Marvell Semiconductor, Inc.
Parsons	Glenn	Ericsson AB
Perkins	Charles	Futurewei Technologies
Pienciak	Walter	IEEE Standards Association (IEEE-SA)
Potts	Michael	General Motors Company
Randall	Karen	NSA/IAD
Regev	Alon	Ixia
Riegel	Maximilian	Nokia Networks
Romascanu	Dan	Avaya Inc.
Rouyer	Jessy	Alcatel-Lucent
Ryytty	Eero	Nokia
Sarikaya	Behcet	Huawei
Sato	Atsushi	Yokogawa Electric Corporation
Schewe	Frank	Phoenix Contact
Seaman	Michael	Individual
Smith	Daniel	Seagate Technology LLC
Specht	Johannes	University of Duisburg-Essen and General Motors Company
Steiner	Wilfried	TTTech Computertechnik AG
Takatori	Yasushi	Nippon Telegraph and Telephone Corporation (NTT)
Thaler	Patricia	Broadcom Corporation
Thornburg	David	Cisco Systems, Inc.
Unbehagen	Paul	Avaya Inc.
Varga	Balazs	Ericsson AB
Wang	Hao	Fujitsu Research & Development Center
Weis	Brian	Cisco Systems, Inc.

Woods	Jordon	Innovasic, Inc.
YANG	RUI	InterDigital, Inc.
Yehuala	Dessalegn	Addis Ababa University
Zebralla	Daniel	Continental Automotive GmbH
Zein	Nader	NEC Corporation
Zhang	Jinyun	Mitsubishi Electric Research Labs (MERL)
Zuniga	Juan	InterDigital, Inc.

Opening Plenary (Monday, 9 November, 2015)

The Chair (Glenn Parsons) presented the opening agenda slides. See the opening plenary slides at:
http://www.ieee802.org/1/files/public/minutes/2015-11-opening-plenary-slides.pdf

General information is here:
http://www.ieee802.org/1/files/public/minutes/802-1-general-info-v3.pdf

The Chair reviewed general administrative information, including meeting "decorum" (or rules - including the policy on recording and/or reporting of meetings), general 802.1 information (see link provided above), a reminder that contributions are expected to be uploaded before presentation, how to upload contributions (link available via http://ieee802.org/1/filenaming.html), how to report meeting session attendance (http://imat.ieee.org), meeting schedule (http://802world.org/attendee), hotel and meeting room security, and meeting logistics.

Slide 3 provides specific link information for uploading contributions, meeting schedule and attendance. Slide 5 provides meeting logistics information.

The Chair covered slides (6 – 11) on IEEE-SA recommended policy statements to be pointed out or reviewed at least once a day during meetings this week. These slides include:

- Instructions to WG (and TG) Chairs

- Participants, Patents and Duty to Inform

- Patent Related Links

- Call for Potentially Essential Patents

- Compliance with applicable laws, including anti-trust/competition

- TG Chairs were reminded of the need to review patent policy information daily

The Chair asked if there was anyone who was prepared to make any statement(s) with respect to any potentially essential patents.

There was no response to the call for potentially essential patents.

The Chair further reviewed additional general administrative information, including 802.1 officers, restructuring of IEEE 802.1 (see slide 13), a reminder of the upcoming Chair and Vice Chair elections (slide 14) and 802 Chair and officer elections (slide 15) in March, a reminder of the duties of voting members, eligible voters, etc. (slides 12-21).

The Chair also discussed the current plan to allow for credit for 802.1 meeting attendance based on attendance at 802.11 meetings (see slide 22 for details) and the "*Join Me*" web conferencing tools provided by IEEE-SA.

Join Me information (slide 23, page 22 – *slide numbers and pages offset for remainder of the opening plenary presentation*):
- IEEE-SA provided conference tool
- Each IEEE 802 WG has one account (ask Chair for password)
  - http://join.me/802.1

The Chair reviewed the schedule for future Interim meetings (slide 24), which included:
- January 18-21, 2015: Atlanta, GA – 802 sponsored interim
  - Hyatt Regency Atlanta – US $179
  - Early registration – US $500
- May 23-26, 2016: Budapest, HU – Janos Farkas, Ericsson
  - See slides for details
    http://www.ieee802.org/1/files/public/docs2015/admin-farkas-Budapest-0515.pdf
- Proposed for September 2016: York, UK – John Messenger, ADVA Optical
  - See slides for details
    http://www.ieee802.org/1/files/public/docs2015/admin-messenger-sep16-york-meeting-0715-v02.pdf
- Proposals for 2017
  - January 16-20 – Joint with wireless?
  - May – Open
  - September – 802.3/802.1 Joint meeting proposal anticipated for March

EC Report - See opening plenary slides (25 & 26) for additional information and details.

Public Review
- Starting July 6, 2015 all eligible projects in Sponsor ballot will also have a Public Review period initiated at the same time
- See details on slide 27

E-Mail ballots (see slide 28)

PARs (PAR and CSD links on slide 29):
- 802.1 PARs (2)
  - 802d - Amendment: URN Namespace
  - 802.1CQ- Standard: Multicast and Local Address Assignment
- Other WG PARS (6)
  - 802.3ca - Amendment, 25 Gb/s and 100 Gb/s Passive Optical Networks
  - 802.3cb - Amendment, 2.5 Gb/s and 5 Gb/s Operation over Backplane and Copper Cables
  - 802.15.3d - 100Gbps wireless switched point-to-point physical layer (PAR Modification)
  - 802.15.4t Standard: Low-Rate Wireless Personal Area Networks (LR-WPANs) Amendment for a High(er) Rate Physical (PHY) Layer

- - 802.15.4u Amendment, Low-Rate Wireless Personal Area Networks (LR-WPANs) Amendment for use of the Indian 865-867 MHz band
  - 802.16s - Amendment, Fixed and Mobile Wireless Access in Channel Sizes up to 1.25 MHz
- Additional details available via http://grouper.ieee.org/groups/802/PARs.shtml

Tutorials (see slide 30)

Liaisons and associations:
- Within 802 – see slide 31
- Incoming Liaisons – see slide 32
- CPRI Cooperation – see slide 33
- 802.1 and 1588 cooperation – see slide 34
- IETF (IAB & IESG) - IEEE 802 Coordination – see slide 35

The Chair reviewed the current Working Group's work load (Sanity Check slide 36) and the need to promote the work we are doing (slide 37)

Standards Awards (see slide 38)

Motions for the Closing Plenary (see slide 39)
- Information on routing for next steps
  - Pars to MesCom
  - Drafts to Sponsor Ballot
  - Drafts to RevCom
- Provide supporting material (preferably in motion slides)

Newcomer Session information (see slide 40)

Task Group agendas:
- Mick Seaman discussed the Security TG status and meeting plans (slide 42)
- Michael Johas-Teener discussed the TSN TG agenda (see slide 43)
- Max Reigel provided the status and agenda for the OmniRAN TG (slides 44 & 45)
- John Messenger provided the maintenance agenda for the week (slide 46)
- Pat Thaler presented the DCB TG Agenda for Wednesday (47)

There was no other business to discuss and the opening plenary meeting was adjourned.

Task Group Minutes

Security minutes

P802.1AEcg - Ethernet Date Encryption devices:

Ballot comment resolution for IEEE 802.1AEcg (Ethernet Data Encryption devices) continued. A new draft (0.7) was available before the meeting.

One of the biggest changes in the recent version is the removal of the EDE-T (a VLAN-unaware Ethernet Data Encryption device operating as a TPMR). It was thought that it is unnecessary to differentiate an EDE-T from an EDE-M (VLAN-unaware Ethernet Data Encryption device operating as a Customer Bridge). Table 18, Interoperability Scenarios and PAE Addresses, in Annex F contains all of the useful or "interesting" cases; it summarizes who is the peer, how to connect, and what address to use. EDE-SS has a new PAE address assignment.

There will be a few more changes (e.g., finish updating the conformance clause and the MIB) then one more review of the document in January prior to sending it out for WG ballot before the next (March) Plenary meeting.

P802.1Xck - YANG Data Model for 802.1X

Marc Holness (Ciena) reviewed the progress of version 0.2 of IEEE 802.1Xck, Yang Data Model. There was much progress on this version. It has started to incorporate outstanding maintenance requests, reference updates, etc. Requesting wider feedback so it will go directly to WG ballot after the January interim meeting. Motion at Plenary approved 26/0/0.

802.1AE XPN Cipher Suite FIPS 140 discussion

There was useful discussion with Lily Chen (NIST) on FIPS 140-2 certification issues for IEEE 802.1AEbw, Extended Packet Numbering. One of the main points raised during the certification process for an XPN module involves the module boundary definition (per SP800-38D) for IV generation (deterministic). Is that module boundary definition tighter? Security TG participants emphasized that XPN relies on an SSCI binding. The other issue is that there must be uniqueness of Key-IV pairs. For MACsec and MKA, the module checks for collisions and ensures that the IVs are unique for any given key.

P802E Privacy

The IEEE 802E Privacy PAR, Recommended Practice for Privacy Considerations for IEEE 802 Technologies, was approved after the July Plenary meeting and this was the first meeting that this group met with IEEE 802.1 Security. The group is actively searching for an editor (a volunteer was identified after the meeting). Any contributions to go into the Recommended Practice are welcome.

The session was in an evening timeslot to encourage members from other IEEE 802 Working Groups to attend.   There has been quite a bit of interest in the wireless threat model. Another discussion topic related to distinguishing passive versus active attacks. Juan Carlos Zuniga (InterDigital) presented his recent contribution on useful Privacy references; specifically, the document summarizes of RFC 6973, RFC 7624, and the W3C Security and Privacy Questionnaire.

The Privacy group will meet at the upcoming January 2016 interim meeting in Atlanta. Teleconference calls have been planned to continue the work with expected additional participation from members of other IEEE 802 WGs and the IETF. The privescg mail-list will remain active.

SC6 ballot comment resolution, liaison

JTC1 Standing Committee participation: Responses to comments received on the pre-ballot for IEEE 802.1Xbx were handled at the May IEEE 802.1 interim (and approved via ePoll following the meeting). IEEE 802.1Xbx is ready for FDIS ballot but it is unconfirmed when the ballot will start.

P802.15.9 liaison

IEEE 802.15.9 completed ballot comment resolution. This is minuted separately.

Security for 802.1AS (TSN agenda item)

IEEE 802.1 Security met with the IEEE 802.1 TSN (Time Sensitive Networking) Task Group to review Security Requirements of Time Protocols in Packet Switched Networks. Rodney Cummings (National Instruments) gave an overview of security work in IEEE 1588, Precision Clock Synchronization Protocol for Networked Measurement and

Control Systems (presentation available on the IEEE 802.1 document site). What problems do we want to solve for IEEE 802.1AS? Security is an optional feature in IEEE 1588, with requirements developed from an analysis of IETF TICTOC, RFC 7384. It was agreed that it would be best to scope future work on IEEE 802.1AS initially:

- a subset of the options in IEEE 1588 would provide more focused solutions,

- security is all-or-nothing for the IEEE 802.1AS domain,

- want security to be integrated within the network,

- there is no need to worry about "unsecured" clocks,

- confidentiality is not a major issue; integrity more important,

- IEEE 802.1X and IEEE 802.1AE MACsec and possibly IEEE 802.1AR (Secure DevID) may apply

In the 802.1AS domain a satisfactory secure solution is dependent on both securing the data and securing timing and reservation information. It was noted that there is little benefit to securing timing if an attacker can introduce additional data into the network (simply taking up bandwidth to prevent timely delivery of data from authenticated and authorized participants. Given the general threat model (in IEEE 802.1AE, an attacker with access to a link can copy, replay, transmit arbitrary frames), it is highly desirable to contain attacks to the smallest possible scope - an exposed individual link - which is what IEEE 802.1AE MACsec provides. The availability of constant delay MACsec implementations may be important for the link timing accuracy we seek.

We considered the problems presented in RFC 7834 to fall into two categories. One of these is fairly easy – securing transmission (of timing information and all the other data) between adjacent systems using a link. IEEE 802.1AE MACsec would appear to meet the needs here (see discussion of IEEE 802.1AS security requirement above). The other is very difficult – ensuring that a rogue grandmaster is not present if transitive trust cannot be relied on.

Two key distribution solutions: GDOI (generalized) or TESLA (delayed key reveal). The direct use of public key cryptography to validate all messages from a grandmaster appears to be to performance intensive (or too slow), and the use of pair-wise symmetric cryptography with a key per recipient in the network would demand too many pair-wise keys. The use of delayed key reveal techniques would itself rely on some timing assumptions and a delay before a received message could be validated, thus increasing the 'residence time' for clock operation (it was noted that there are extremely tight timing goals, down to sub-nanosecond performance).

IEEE 802.1 TSN and IEEE 802.1 Security will work together going forward. One goal will be to start to draft text for security in IEEE 802.1AS and will share results with IEEE 1588 moving forward. Rodney will summarize these discussions and it was proposed to hold a joint AS/Security telecon meeting to coordinate how to move forward.

Other Business:

Maintenance item number 165 was reviewed and rejected.

Future teleconferences and meetings: teleconferences were scheduled for November 24, December 8 and January 12, 2016. The security task group will meet at the January 2016 interim in Atlanta.

TSN Meeting Minutes

Monday, 9 November

0800-1030, TSN

John Messenger presented Administration and Patent Policy. There was no response to the call for patents.
http://standards.ieee.org/about/sasb/patcom/materials.html

János Farkas presented the agenda.
http://ieee802.org/1/files/public/docs2015/admin-tsn-agenda-1115-v02.pdf

Rodney Cummings presented Qcc: Time Sync in UNI
http://ieee802.org/1/files/public/docs2015/cc-cummings-time-sync-UNI-1115-v1.pdf

Rodney Cummings presented 802.1Qcc D0.5 TG Ballot Comment Resolution
http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-5.pdf
http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-5-pdis-v2.pdf
http://www.ieee802.org/1/files/public/docs2015/cc-cummings-d05-comments-intro-1115-v1.pdf

1330-1800, TSN

Rodney Cummings continued 802.1Qcc D0.5 TG Ballot Comment Resolution

Tony Jeffree presented 802.1Qch/802.1Qci discussion
http://www.ieee802.org/1/files/private/ci-drafts/d0/802-1Qci-d0-2-bis.pdf

Norm Finn presented 802.1CB Seamless Redundancy Issues
http://www.ieee802.org/1/files/public/docs2015/cb-nfinn-seamless-issues-1015-v02.pdf

Tuesday, 10 November

1000-1800, TSN

János Farkas reviewed Patent Policy. There was no response to the call for patents.

John Messenger presented P802.1AC-Rev Sponsor Ballot Comment Resolution
http://www.ieee802.org/1/files/private/ac-rev-drafts/d3/802-1ac-rev-d3-0.pdf
http://www.ieee802.org/1/files/private/ac-rev-drafts/d3/802-1ac-rev-d3-0-pdis-v1.pdf
http://www.ieee802.org/1/files/public/docs2015/acrev-messenger-editor-report-1115-v01.pdf

Norm Finn presented P802.1CB WG Ballot Comment Resolution
http://www.ieee802.org/1/files/private/cb-drafts/d2/802-1CB-d2-0.pdf
http://ieee802.org/1/files/private/cb-drafts/d2/802-1CB-d2-0-pdis.pdf

Marc Holness presented 802.1Qcp YANG
https://github.com/YangModels/yang/
http://www.ieee802.org/1/files/public/docs2015/new-mholness-YANG-8021Q-Summary-1115-v01.pdf

Marc Holness presented YANG liaisons
http://www.ieee802.org/1/files/public/docs2015/liaison-response-SG15-LS272-802-1AX-1115-v01.pdf
http://www.ieee802.org/1/files/public/docs2015/liaison-SG15-LS292-YANG-modelling-1115.docx
http://www.ieee802.org/1/files/public/docs2015/liaison-MEF-L00238-YANG_Service_Models-1115.docx
http://ieee802.org/1/files/public/docs2015/liaison-responses-YANG-1115-v01.pdf
http://ieee802.org/1/files/public/docs2015/liaison-response-MEF-L00238-YANG-Service-Models-1115.docx
http://ieee802.org/1/files/public/docs2015/liaison-response-SG15-LS292-YANG-modelling-1115.docx

Dan Romascanu presented P802.1Qcj - Initial Draft and Project Structure
http://ieee802.org/1/files/private/cj-drafts/d0/802-1Qcj-d0-0.docx
http://www.ieee802.org/1/files/public/docs2015/cj-romascanu-d00-1115.pdf

Behcet Sarikaya presented Bridging 64-bit MACs with 48-bit MACs
http://www.ieee802.org/1/files/public/docs2015/new-sarikaya-64bit-to-48bit-mac-bridging-1115-v03.pdf
http://www.ieee802.org/1/files/public/docs2015/new-sarikaya-64bit-to-48bit-mac-bridging-par-csd-1115-v02.pdf

1830-1930, Newcomer Orientation for 802.1CM

János Farkas presented P802.1CM Newcomer Introduction
http://ieee802.org/1/files/public/docs2015/cm-farkas-intro-1115-v03.pdf

Wednesday, 11 November

0800-1800, TSN

János Farkas reviewed Patent Policy. There was no response to the call for patents.

János Farkas presented P802.1CM Status Update
http://www.ieee802.org/1/files/private/cm-drafts/d0/802-1CM-d0-0.pdf

Balazs Varga presented 802.1CM: Towards CPRI Parameters
http://www.ieee802.org/1/files/public/docs2015/cm-varga-towards-cpri-parameters-1115-v01.pdf

János Farkas presented 802.1CM Applicability of TSN tools
http://ieee802.org/1/files/public/docs2015/cm-farkas-applicability-of-bu-and-bv-1115-v02.pdf

Eero Rytty presented 802.1CM Terminology Discussion
http://ieee802.org/1/files/public/docs2015/cm-ryytty-terminologyconsiderations-1115.pdf

Jouni Korhonen presented IEEE1904.3 Update
http://www.ieee802.org/1/files/public/docs2015/new-roe-jik-ieee1904dot3-1115-v00.pptx

Glenn Parsons presented IEEE URN namespace PAR

http://www.ieee802.org/1/files/public/docs2015/new-parsons-URN-Namespace-PAR-0915.pdf
http://www.ieee802.org/1/files/public/docs2015/new-parsons-URN-Namespace-CSD-0915.pdf

Geoff Garner presented Aspects of Multiple Domains in 802.1AS-Rev and Backward Compatibility
http://ieee802.org/1/files/public/docs2015/as-garner-multiple-domains-aspects-1115-v1.pdf

Rodney Cummings presented 802.1AS Security Discussion
http://www.ieee802.org/1/files/public/docs2015/as-cummings-security-1115-v2.pdf

Feng Chen presented Automatic Configuration of Working Clocks
http://ieee802.org/1/files/public/docs2015/as-chen-goetz-sync-redundancy-1115-v01.pdf

Geoff Garner presented 802.1AS-Rev/D2.0 TG Ballot Comment Resolution
http://www.ieee802.org/1/files/private/as-rev-drafts/d2/802-1AS-rev-d2-0.pdf
http://www.ieee802.org/1/files/private/as-rev-drafts/d2/802-1AS-rev-d2-0-pdis.pdf

Bob Noseworthy presented Passive and Active Probing of Slave Timing Error for 802.1AS
http://www.ieee802.org/1/files/public/docs2015/as-ren-probing-slave-te-proposal-1115-v06.pdf

Thursday, 12 November

0800-1000, 802.1 / 802.11 Joint Meeting

János Farkas reviewed Patent Policy. There was no response to the call for patents.

John Messenger continued P802.1AC-Rev Sponsor Ballot Comment Resolution

1000-1230, TSN

Ludwig Winkle presented Update on IET (802.3br)
http://ieee802.org/1/files/public/docs2015/br-winkel-closing-report-1115-v01.pdf

Pat Thaler provided a briefing on 802.3br comments.

János Farkas presented P802.1AX-2014/Cor1
http://ieee802.org/1/files/private/ax-2014-cor-1-drafts/d0/802-1ax-2014-cor-1-d0-2-pdis-v02.pdf

Feng Chen presented A New Protocol Version for Registration, Reservation and Signaling
http://www.ieee802.org/1/files/public/docs2015/new-goetz-MRPv2-1115-v02.pdf

Johannes Specht presented UBS Discussion
http://ieee802.org/1/files/public/docs2015/new-ubs-specht-par-initial-draft-proposal-1115-v01.pdf

Norm Finn presented DetNet Update
http://ieee802.org/1/files/public/docs2015/tsn-finn-detnet-status-1115-v01.pdf

Geoff Garner continued 802.1AS-Rev/D2.0 TG Ballot Comment Resolution

János Farkas presented TSN motions for the closing 802.1 meeting.

OmniRAN Meeting Minutes

OmniRAN meeting minutes are incorporated into these minutes by reference and are available at:

https://mentor.ieee.org/omniran/dcn/15/omniran-15-0059-00-00TG-nov-2015-f2f-meeting-minutes.docx

In addition, an amended meeting presentation is available at:

https://mentor.ieee.org/omniran/dcn/15/omniran-15-0051-05-00TG-nov-2015-f2f-meeting-slides.pptx

Current status of OmniRAN activities – including future meeting announcements, past meeting and conference call minutes – is available via a wiki located at:

https://mentor.ieee.org/omniran/bp/StartPage

DCB Meeting Minutes

Wednesday, 11 November

Pat Thaler (DCB Chair) presented patent policy slides. No response to call for patents.

Pat Thaler presents guidelines for IEEE working group meetings.

Pat Thaler - 802.1CQ PAR comment responses -
http://www.ieee802.org/1/files/public/docs2015/dcb-thaler-1cq-comments-1115.pdf
http://www.ieee802.org/1/files/public/docs2015/dcb-thaler-clean-1CQ-par-local-address-prot-1115-v0.pdf

Roger Mark - P802c/D0 draft overview
http://www.ieee802.org/1/files/public/docs2015/802c-Marks-Overview-of-D0-1115.pdf

Pat Thaler – 802.1Qcn Comment Review
http://www.ieee802.org/1/files/public/docs2015/cn-yizhou-doc-structure-1115-v02.pdf

Discussed Task Group naming – no clear consensus

Adjourned 9:44 AM

Maintenance Meeting Minutes

Maintenance Meeting minutes are incorporated in these minutes by reference and are available at:

http://www.ieee802.org/1/files/public/maint/2015-11-maintenance-meeting-v2.pdf

Maintenance meeting minutes are in general available at:
http://www.ieee802.org/1/maint.html

Closing Plenary (Thursday, 12 November, 2015)

Closing Plenary slides are available at:

http://www.ieee802.org/1/files/public/minutes/2015-11-closing-plenary-slides.pdf

The Chair (Glenn Parsons) led discussion of the following items:

- Material already covered in the opening plenary

    o Policy presentation and call for potentially essential patents
        - Slides 2 through 6 (ignore slide numbering)
        - *no response to the call for potentially essential patents*
    o Officers (no change)
    o Voter updates (see slides 8 – 10)
    o 802.1 Chair / Vice Chair election reminder for the March meeting (slide 11)
    o 802 Chair election reminder for the March (plenary) meeting (slide 12)
    o Future Interim Meeting information (slide 13)

- Future Plenary (2016) meeting information (slide 14)

- Project status Sanity check – current workload review

    o 27 current projects (including in-progress PARs)

    o See slide 15 for details

- 802 reports

    o IETF SC – Pat gave a brief summary

    o JTC1 SC

        https://mentor.ieee.org/802.11/dcn/15/11-15-1222-03-0jtc-agenda-for-nov-2015-dallas.pptx

    o ITU SC

        https://mentor.ieee.org/802-ec/dcn/15/ec-15-0095-01-INTL-itu-standing-committee-agenda-nov-2015.pdf

    o 802 TF (follows)

- 802 Task Force

    o Indemnification of officers

    o Get 802 Program

    o IEEE-SA staff

        - Program – Kathryn Bennett & Jonathan Goldberg

        - Editors – Michelle Turner & Catherine Berger

        - International: Jodi Haasz

        - MyProject: Christina Boyce, Greg Marchini

    o Membership database

- o myProject replacement
    - User review in November 2015

- Task Group reports were given for the following areas (see slides for summary, and individual task group minutes and/or status from above for details):
    - o DCB: See slide 19
    - o TSN: See slide 20
    - o Maintenance: See slides 21 – 23
        - Includes 802.1 SC6 Updates: See slides 24 and 25
    - o OmniRAN: Max summarized OmniRAN progress

        His slides are available at:
        http://www.ieee802.org/1/files/public/docs2015/cf-riegel-status-report-to-802-wgs-1115-v01.pdf
    - o Security – Karen gave a summary of where the Security TG activities
- The Chair then showed the slide listing incoming liaisons (slide 26) and opened the topic of Outgoing Liaisons. Possible outgoing liaison include:
    - o ITU-T on 802.1AX
    - o ITU-T on YANG
    - o MEF on YANG
    - o 1588 on pdelay
    - o 1588 on slave timing

Note that the following report on IEEE P802.3br activity was available:

http://www.ieee802.org/1/files/public/docs2015/br-winkel-closing-report-1115-v01.pdf

Motions – See closing Plenary Slides

Closing Plenary adjourned