

IEEE 802 Plenary Meeting  
 July 2015, Kona (Waikaloa), HI, USA  
**802.1 Meeting Minutes, 13-16 July 2015**

**Attendees**

<i>Last Name</i>	<i>First Name</i>	<i>Middle Name</i>	<i>Affiliation</i>
Babaei	Alireza		Cable Television Laboratories Inc. (CableLabs)
Bains	Amrik		Cisco Systems, Inc.
Boiger	Christian		b-plus GmbH
Chen	David		NSN, Inc.
Chen	Feng		Siemens AG
Cheng	Weiyang		Coriant
Cummings	Rodney		National Instruments Corporation
Ellegaard	Lars		Vitesse Semiconductor Corporation
Farkas	Janos		Ericsson
Finn	Norman		Cisco Systems, Inc.
Garner	Geoffrey		broadcom corporation, marvell semiconductor, siemens ag, hirschmann
Gorshe	Steven Scott		PMC-Sierra, Inc.
Gravel	Mark		Hewlett-Packard Development Company, L.P.
Gray	Eric W		Ericsson AB
Gunther	Craig		Harman International Industries, Incorporated
Haddock	Stephen		Stephen Haddock Consulting, LLC
Hantel	Mark		Rockwell Automation
Holness	Marc		Ciena Corporation
Hsieh	Tien Yuan		Industrial Technology Research Institute (ITRI)
Huang	Lu		802
Jeffree	Anthony		HP, Broadcom
Johas Teener	Michael		Broadcom Corporation
Jones	Peter		Cisco Systems, Inc.
Kiessling	Marcel		Siemens AG
Klein	Philippe		Broadcom Corporation
Kojima	Keisuke		Mitsubishi Electric Research Labs (MERL)
Korhonen	Jouni		Broadcom Corporation
Li	Yizhou		Huawei Technologies Co. Ltd
Lin	Juitse		MediaTek Inc.
Mangin	Christophe		Mitsubishi Electric R&D Centre Europe (MERCE)
Marks	Roger		EthAirNet Associates
McBeath	Tom		Spirent Communications
McCarthy	Mick		Analog Devices Inc.
Messenger	John		ADVA Optical Networking Ltd.
Nakano	Hiroki		CAHI Corporation

Pannell	Donald R	Marvell Semiconductor, Inc.
Parsons	Glenn	Ericsson AB
Pienciak	Walter	IEEE Standards Association (IEEE-SA)
Randall	Karen	NSA/IAD
Regev	Alon	Ixia
Riegel	Maximilian	Nokia Networks
Romascanu	Dan	Avaya Inc.
Rouyer	Jessy	Alcatel-Lucent
Sarikaya	Behcet	Huawei
Specht	Johannes	University of Duisburg-Essen and General Motors Company
Steiner	Wilfried	TTTech Computertechnik AG
Thaler	Patricia	Broadcom Corporation
Thornburg	David	Cisco Systems, Inc.
Unbehagen	Paul	Avaya Inc.
wang	Haifei	Huawei Technologies Co. Ltd
Woods	Jordon	Innovasic
Zinner	Helge	Robert Bosch GmbH
Zuniga	Juan	InterDigital, Inc.

## Opening Plenary (Monday, 13 July, 2015)

The Chair (Glenn Parsons) presented the opening agenda slides. See the opening plenary slides at:

<http://www.ieee802.org/1/files/public/minutes/2015-07-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 report meeting session attendance, hotel and meeting room security, and meeting logistics.

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

See [slides](#) (link provided above) for details.

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 included:

- 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, a reminder of the duties of voting members, eligible voters, etc. (slides 12-18).

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 19 for details) and the “**Join Me**” web conferencing tools provided by IEEE-SA.

**Join Me** information:

- 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, which included:

- September 8-11, 2015: Santa Cruz, CA – Michael Johas Teener (Broadcom)
  - See slides for details  
<http://www.ieee802.org/1/files/public/docs2014/admin-mjt-2015-09-interim-1114.pdf>
  - Dream Inn – US \$215
  - Early registration – US \$500
- January 8-21, 2016: Atlanta, GA – 802 sponsored Interim
  - Hyatt Regency, Atlanta – US \$179
  - Early registration – US \$ 500
- Proposed for May 23-26, 2016: Budapest, Hungary – Janos Farkas, Ericsson
- Proposed for September 2016: York, UK – John Messenger, ADVA Optical

EC Report - See opening plenary slides for additional information and details.

- 802.11 25<sup>th</sup> anniversary – 11 AM Wednesday Plenary
- New Patent Policy in force as of March 15, 2015
- WG P&P proposals – (EC-14-87)
  - Alignment with baseline
  - Ongoing issues: fiduciary duty, liaison officials, reduced approval requirements
  - Resolved issues: roster, electronic + live meetings, no roll-call votes, maximum abstention rate
- Future Venues – 2018 → 2020 venues in evaluation
- Get 802 Proposal
  - Asked from July 2014 plenary – all standards work in progress have free access
  - 6 year implementation plan proposed by IEEE-SA
  - New “status quo” proposal (for discussion during this plenary)
- EC Standing Committees
  - Wireless Chairs standing committee (EC-15-15)
  - JTC1 standing committee (11-15-315): Andrew Myles as chair
  - ITU standing committee (EC-15-17): Glenn Parsons as chair
  - IETF standing committee: Pat Thaler as chair
- Treasurer’s report (details on slide 22)

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 23

E-Mail ballots (see slide 24)

PARs (PAR and CSD links on slide 25):

- 802.1 PARs (4)
  - 802.1CM- Standard: Time-Sensitive Networking for Fronthaul, PAR and CSD
  - 802.1Qcl- Amendment, YANG Data Model, PAR and CSD
  - 802.1Qcn- Amendment, VSI/VDP extensions for NVO3, PAR and CSD
  - 802.1Xck- Amendment, YANG Data Model, PAR and CSD
- Other WG PARS (5)
  - Privacy Recommendation EC Study Group - Recommended Practice, Privacy Considerations for IEEE 802 Technologies, PAR (pdf) and PAR / CSD (PPTx)
  - 802.3bq- Amendment, Addition of 25GBASE, PAR Modification Request and CSD
  - 802.11az- Amendment: Positioning Enhancements, PAR and CSD
  - 802.15.3- Revision, PAR and CSD
  - 802.15.9- Amendment, Recommended Practice for Transport of Key Management Protocol (KMP) Datagrams, PAR Modification and 5C
  - 802.19.1a - Amendment, Coexistence Methods for geo-location capable devices operating under general authorization, PAR and CSD
- Other details available via <http://grouper.ieee.org/groups/802/PARs.shtml>

802.24 TAG

- IEEE 802.24 approved a scope document for a new IEEE 802.24 TAG Task Group focused on Internet of things (IoT) vertical applications.
- The document was approved 7/0/0 by IEEE 802.24 and can be found at: <https://mentor.ieee.org/802.24/dcn/15/24-15-0003-00-0000-iot-scope-form.docx>
  - Comments accepted similar to PAR process by Tuesday
- Members of IEEE 802.24 will be seeking votes of support from IEEE 802 WGs during the week.
  - The 802.24 subgroup gets a motion in a minimum of 2 IEEE 802 WGs that expresses support for adding this application category.

Privacy EC SG

- Report from Juan-Carlos Zuniga (see link on slide 26)

Tutorials (see slide 27)

Liaisons and associations:

- Within 802 – see slide 28
- Incoming Liaisons – see slide 29
- CPRI Cooperation – see slide 30
- IETF (IAB & IESG) - IEEE 802 Coordination – see slide 31

The Chair reviewed the current Working Group's work load (Sanity Check slide 32) and the need to promote the work we are doing (slide 33)

Task Group agendas:

- Mick Seaman discussed the Security TG status and meeting plans (see slide 36)
- Steve Haddock presented the preliminary Interworking TG Agenda and project status (see slide 37)
- Michael Johas-Teener discussed the TSN TG agenda (see slide 38 – at between 400 and 800 % zoom)
- Max Reigel provided the status and agenda for the OmniRAN TG (see slide 39)
- John Messenger provided the maintenance agenda for the week (see slide 40) and status of 802.1 Stds for SC6 approval
- Pat Thaler presented the DCB TG Agenda for Wednesday (42)

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

# Task Group Minutes

## Security minutes

### Agenda

- 1) P802.1AEcg – task group ballot resolution
- 2) P802.1ARce
- 3) YANG model for 802.1, PAR and CSD
- 4) Privacy SG and proposed Privacy PAR
- 5) JTC1 Standing Committee participation
- 6) A.O.B.

**P802.1AEcg:** Ballot comment resolution is continuing via email and teleconference meetings. There was no work at this meeting.

**YANG model for 802.1X:** Marc Holness reported on 802.1X YANG progress, with further updates to the draft model, and solicited review. He uploaded a draft version to the IEEE document server. Changes included structural changes consistent with the management model that existed and augmenting the IETF interface module to accommodate PAE objects. Several types still need clarification and it would be good to review the default values to make sure they are appropriate. This model will be reviewed by the YANG doctors. The PAR and CSD were pre-circulated before this meeting. IEEE 802.1 submitted a comment to broaden the scope of the PAR to be able to address any maintenance items on IEEE Std 802.1X-2010. Comments were received from IEEE 802.3 and IEEE 802.11; the responses were drafted, reviewed, and returned; the revised [PAR](#) and [CSD](#) are available.

**Privacy PAR and proposed Privacy PAR:** the PAR and CSD were pre-circulated before this meeting. Responses to the comments received from IEEE 802.3 and IEEE 802.11 were drafted, reviewed, and returned. The revised [PAR](#) and [CSD](#) are available – and can be downloaded from the mentor site. It was agreed to assign it to be IEEE 802E. The IAB Privacy and Security Program Threat Model had been proposed to be used as a baseline document; however whether IEEE 802 will endorse this document must still be clarified. There was also a review of the report of the privacy trials (available [here](#)). It was noted that there are plans keep the network setup permanently at future IETF and IEEE 802 meetings and there will be continued analysis of the impact of MAC address collision under different scenarios and with different network equipment

vendors. The Privacy Study Group was extended until the November plenary meeting, at which time a more formal handover to IEEE 802.1 can occur (assuming EC and NesCom approval of the PAR). The privescg mail-list will remain active.

***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.

***A.O.B:*** There was a new maintenance item, number 165. Is there a loop in the PACP state machine? This will need to be discussed at the next meeting.

***Future teleconferences and meetings:*** teleconferences were scheduled for August 4, August 18, and September 1. The task group will meet at the September 2015 interim in CA.



# Interworking minutes

## Monday, 13 July

Interworking Task Group meeting called to order at 2:00 PM.

Stephen Haddock presented the preliminary agenda for the week.

Stephen Haddock presented patent policy slides. No response to the call for patents.

**802.1Qca PCR:** Janos Farkas presented an editor's report and conducted comment resolution on the sponsor ballot recirculation of 802.Qca-d2.1 Path Control and Reservation. There was a single negative ballot during the recirculation. Janos discussed the comments and the state of the document with the commenter and he has since flipped his vote to approve with comments.

<http://www.ieee802.org/1/files/private/ca-drafts/d2/802-1Qca-d2-1.pdf>

<http://www.ieee802.org/1/files/private/ca-drafts/d2/802-1Qca-d2-1-dis-v01.pdf>

**802.1AC-Rev MAC Service:** John Messenger presented an editor's report and conducted comment resolution on the working group recirculation ballot of 802.1AC-Rev-d2.1 MAC Service Interface:

<http://www.ieee802.org/1/files/public/docs2015/acrev-messenger-editor-report-0715-v03.pdf>

<http://www.ieee802.org/1/files/private/ac-rev-drafts/d2/802-1ac-rev-d2-1.pdf>

<http://www.ieee802.org/1/files/private/ac-rev-drafts/d2/802-1ac-rev-d2-1-dis-v1.pdf>

**Liaison:** Stephen Haddock listed the liaisons received that are pertinent to Interworking.

ITU-T SG15-LS268 is informing 802.1 that the Approval process for revised Recommendations ITU-T G.8013/Y.1731 and Corrigendum 1 to Recommendation ITU-T G.8021/Y.1341 (2015) has been initiated, and copies of these documents is included. No response is required, however participants in 802.1 have the opportunity to review the documents and propose a response if they feel one is appropriate.

[http://www.ieee802.org/1/files/public/docs2015/liaison-SG15-LS268-G.8013\\_G.8021-0715.zip](http://www.ieee802.org/1/files/public/docs2015/liaison-SG15-LS268-G.8013_G.8021-0715.zip)

ITU-T SG15-LS272 is the latest in the ongoing liaison discussion regarding the applicability of 802.1AX-2014 Link Aggregation and specifically Distributed Resilient Network Interconnect (DRNI) to Mult-Segment Domain Protection (MSDP). This liaison asks about DRNI behavior and its interaction with a Network Control Protocol under various link failure scenarios. Some of these scenarios were discussed. Plan is to continue discussions over the rest of the week, and possibly over email, and generate a response at the September interim meeting.

<http://www.ieee802.org/1/files/public/docs2015/liaison-SG15-LS272-802.1AX-0715.docx>

Adjourn at 5:00pm.

## Tuesday, 14 July

Joint meeting TSN/Interworking minutes are in TSN Minutes below.

## Wednesday, 15 July

Interworking Task Group meeting called to order at 9:00 AM.

Stephen Haddock stated that the meeting is subject to the Patent Policy as presented on Monday, and made a call for patents. No response to the call for patents.

**802.1AX-Cor:** Revised the wording of the PAR for a corrigendum to 802.1AX-2014:  
[http://www.ieee802.org/1/files/public/docs2015/new-p802-1AX-2014-Cor1-PAR\\_0715-v2.pdf](http://www.ieee802.org/1/files/public/docs2015/new-p802-1AX-2014-Cor1-PAR_0715-v2.pdf)

**802.1Qbz WWB:** Norm Finn conducted comment resolution on the working group recirculation ballot of 802.Qbz-d2.1 Enhancements to Bridging of 802.11 Media:  
<http://www.ieee802.org/1/files/private/bz-drafts/d2/802-1Qbz-d2-1.pdf>  
<http://www.ieee802.org/1/files/private/bz-drafts/d2/802-1Qbz-d2-1-dis.pdf>

**New Work:** Behcet Sarikaya gave a presentation on 64 bit to 48 bit MAC bridging:  
<http://www.ieee802.org/1/files/public/docs2015/new-sarikaya-64bitto48bitMACBridging-0715.pptx>

**802.1Qcp YANG:** Revised the working of the 802.1Q YANG (formerly called 802.1Qcl) PAR and CSD in response to comments from other dot groups:  
<http://www.ieee802.org/1/files/public/docs2015/cp-draft-1Q-YANG-par-0715-v01.pdf>  
<http://www.ieee802.org/1/files/public/docs2015/cp-draft-Qcp-csd-0715-v1.docx>

Break at 11:45 AM.

Resume at 3:30 PM.

**Local Address:** In spite of best efforts to schedule this topic at a time when there were no conflicts, many potential participants did have conflicts. Due to low attendance and unavailability of potential presenters, the session was cancelled.

Adjourn at 3:45 PM.

## Thursday, 16 July

802.1 Interworking had a joint meeting with 802.11ak from 8:00-10:00am. Minutes are captured in the 802.11ak minutes. During this session John Messenger and Norm Finn completed the comment resolution for 802.1AC-REV and 802.1Qbz respectively.

Interworking Task Group meeting called to order at 10:00am.

Stephen Haddock stated that the meeting is subject to the Patent Policy as presented on Monday, and made a call for patents. No response to the call for patents.

**802.1AX-Cor:** Reviewed proposed text for the corrigendum to 802.1AX-2014:

<http://ieee802.org/1/files/public/docs2015/new-haddock-ax-cor-proposed-text-0715-v1.docx>

Adjourned at 10:45 AM.

# TSN Meeting Minutes

## Monday, 13 July

### 0800-1100, TSN

Michael Johas Teener presented Administration, Patent Policy, and Agenda. There was no response to the call for patents.

Michael Johas Teener held a short discussion on 802.3/802.1/1588 joint work on time stamp services.

Geoff Garner presented 802.1AS-Cor2 Sponsor Ballot Comment Resolution  
<http://www.ieee802.org/1/files/private/as-cor-2-drafts/d2/802-1AS-cor-2-d2-0.pdf>

Tony Jeffree presented Qci PAR modification (Qci / Qch project merger)  
<http://www.ieee802.org/1/files/public/docs2015/Qci-PAR-modification-0615-v01.pdf>  
<http://www.ieee802.org/1/files/public/docs2015/Qci-csd-0615-v01.pdf>

The consensus is to defer the merger decision until we are further along in developing both projects.

Geoff Garner presented 802.1AS-Rev/D1.0 Comment Resolution (part 1)  
<http://www.ieee802.org/1/files/private/as-rev-drafts/d1/802-1AS-rev-d1-0.pdf>  
<http://www.ieee802.org/1/files/private/as-rev-drafts/d1/802-1AS-Rev-d1-0-pdis.pdf>

### 1400-1800, TSN

Geoff Garner presented 802.1AS-Rev/D1.0 Comment Resolution (part 2)  
<http://www.ieee802.org/1/files/private/as-rev-drafts/d1/802-1AS-rev-d1-0.pdf>  
<http://www.ieee802.org/1/files/private/as-rev-drafts/d1/802-1AS-Rev-d1-0-pdis.pdf>

## Tuesday, 14 July

### 1000-1800, Joint IWK/TSN

Michael Johas Teener reviewed Patent Policy. There was no response to the call for patents.

János Farkas presented 802.1Qca Status  
<http://www.ieee802.org/1/files/private/ca-drafts/d2/802-1Qca-d2-1.pdf>  
<http://www.ieee802.org/1/files/private/ca-drafts/d2/802-1Qca-d2-1-dis-v01.pdf>

Marc Holness presented 802.1Q YANG  
<http://www.ieee802.org/1/files/public/docs2015/new-mholness-802-1Q-UML-bridge-models-0715-v02.pdf>  
<http://www.ieee802.org/1/files/public/docs2015/new-mholness-dot1Q-bridge-yang-0715-v02.txt>

<http://www.ieee802.org/1/files/public/docs2015/new-mholness-dot1Q-types-yang-0715-v02.txt>  
<http://www.ieee802.org/1/files/public/docs2015/new-mholness-dot1Q-PB-yang-0715-v02.txt>  
<http://www.ieee802.org/1/files/public/docs2015/new-mholness-dot1Q-TPMR-yang-0715-v02.txt>  
<http://www.ieee802.org/1/files/public/docs2015/new-mholness-dot1Q-VLANBridge-yang-0715-v02.txt>

Norm Finn presented YANG/MIB, Not ISIS, for Central Control Protocol  
<http://www.ieee802.org/1/files/public/docs2015/tsn-nfinn-control-and-config-0515-v03.pdf>

Marcel Kießling presented Qcc - Next Steps  
<http://www.ieee802.org/1/files/public/docs2015/cc-kiesling-Next-Steps-0715-v01.pdf>

Rodney Cummings presented 802.1Qcc D0.4 Comment Resolution (part 1)  
<http://www.ieee802.org/1/files/public/docs2015/cc-cummings-d04-comments-intro-0715-v1.pdf>  
<http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-4.pdf>  
<http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-4-informal-pdis-v1.zip>

Norm Finn presented 802.1CB Situation  
<http://www.ieee802.org/1/files/private/cb-drafts/d1/802-1CB-d1-1.pdf>

Norm Finn presented Proposal for 802.1CB Sequence Recovery Algorithm  
<http://www.ieee802.org/1/files/public/docs2015/cb-nfinn-sequence-recovery-0715-v01.pdf>

## **Wednesday, 15 July**

### **0900-1800, TSN**

Michael Johas Teener reviewed Patent Policy. There was no response to the call for patents.

Feng Chen presented BMCA for 802.1AS-Rev  
<http://www.ieee802.org/1/files/public/docs2015/as-chen-goetz-configuration-bmca-0715-v01.pdf>

Feng Chen presented Industrial Requirements for pDelay Burst  
<http://www.ieee802.org/1/files/public/docs2015/as-chen-goetz-pdelay-burst-0715-v01.pdf>

Philippe Klein presented 802.1AS BM Redundancy  
<http://www.ieee802.org/1/files/public/docs2015/phkl-8021AS-rev-BMC-redundancy-0715-v2.pdf>

János Farkas presented 802.1 CM PAR Discussion  
<http://www.ieee802.org/1/files/public/docs2015/new-cm-farkas-scope-0615.pdf>  
<http://www.ieee802.org/1/files/public/docs2015/new-P802-1CM-PAR-comments-0715-v01.pdf>

Jouni Korhonen presented IEEE1904.3 Update  
<http://www.ieee802.org/1/files/public/docs2015/new-roe-jik-ieee1904dot3-0715-v00.pdf>

Geoff Garner presented 802.1AS-Rev/D1.0 Comment Resolution (part 3)  
<http://www.ieee802.org/1/files/private/as-rev-drafts/d1/802-1AS-rev-d1-0.pdf>

<http://www.ieee802.org/1/files/private/as-rev-drafts/d1/802-1AS-Rev-d1-0-pdis.pdf>

Tony Jeffree presented P802.1Qbv Ballot Review

<http://www.ieee802.org/1/files/private/bv-drafts/d2/802-1Qbv-d2-4.pdf>

<http://www.ieee802.org/1/files/private/bv-drafts/d2/802-1Qbv-D2-4-pdis-v1.pdf>

Christian Boiger presented Gate Operations and “Automatic Guard Band” Feature

<http://www.ieee802.org/1/files/public/docs2015/bv-boiger-gate-operations-and-automatic-guard-band-0715-v01.pdf>

Tony Jeffree discussed 802.1Qci

Tony Jeffree presented P802.1Qbu Ballot Review

<http://www.ieee802.org/1/files/private/bu-drafts/d2/802-1Qbu-d2-3.pdf>

<http://www.ieee802.org/1/files/private/bu-drafts/d2/802-1Qbu-D2-3-pdis-v1.pdf>

Rodney Cummings presented 802.1Qcc D0.4 Comment Resolution (part 2)

<http://www.ieee802.org/1/files/public/docs2015/cc-cummings-d04-comments-intro-0715-v1.pdf>

<http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-4.pdf>

<http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-4-informal-pdis-v1.zip>

## **Thursday, 16 July**

### **1000-1200, TSN partially joint with 802.3br**

Michael Johas Teener reviewed Patent Policy. There was no response to the call for patents.

Ludwig Winkle discussed 802.3br status

Michael Johas Teener continued discussion on 802.3/802.1/1588 joint work on time stamp services, and Michael took an action to work with 802.3, 1588, ITU toward proposed "industry connection" within 802.3 to discuss how to provide standards specifications to do both one-step and various high accuracy timestamp services.

Rodney Cummings presented 802.1Qcc D0.4 Comment Resolution (part 3)

<http://www.ieee802.org/1/files/public/docs2015/cc-cummings-d04-comments-intro-0715-v1.pdf>

<http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-4.pdf>

<http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-4-informal-pdis-v1.zip>

## **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-15-0039-00-00TG-july-2015-f2f-meeting-minutes.docx>

In addition, an amended meeting presentation is available at:

<https://mentor.ieee.org/omniran/dcn/15/omniran-15-0034-02-00TG-july-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, 15 July**

Responded to comments on P802.1Qcn PAR

Comment responses:

<http://www.ieee802.org/1/files/public/docs2015/cn-thaler-PAR-CSD-comment-responses-0715.pdf>

Updated PAR and CSD are:

<http://www.ieee802.org/1/files/public/docs2015/cn-thaler-Qcn-draft-PAR-0715.pdf>

<http://www.ieee802.org/1/files/public/docs2015/cn-yizhou-Qcn-CSD-071.pdf>

Drafted response to IETF liaison on VDP extension for NVO3

<http://www.ieee802.org/1/files/public/docs2015/liaison-ietf-nvo3-vdp.pdf>



## **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/2015-07-maintenance-meeting-v1.pdf>

Maintenance meeting minutes are in general available at:

<http://www.ieee802.org/1/maint.html>

# Closing Plenary (Thursday, 16 July, 2015)

Closing Plenary slides are available at:

<http://www.ieee802.org/1/files/public/minutes/2015-07-closing-plenary-slides.pdf>

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

- Material already covered in the opening plenary
  - Policy presentation and call for potentially essential patents
    - **no response**
  - Upload information:
    - <http://ieee802.org/1/filenaming.html>
    - Please upload before your presentation
  - Staff Introduction
    - Kathryn Bennett – Program Manager for 802.1
    - Michelle Turner – Managing Editor
  - Officers (no change)
  - Website and password (no change)
  - Voter status (see slides)
    - New voters out of this week (see slide 10)
- 802 Student Paper Competition (slide 12)
- Future Interim meetings – no change from opening plenary (slide 13)
- Straw Poll for future plenaries (Chicago rules):
  - Who would come to a March 2018 meeting if the hotel room rate was
    - Under \$200 – 31
    - \$230 – 26
- Project status Sanity check – current workload review
  - 25 current projects (including in-progress PARs)
  - See slide 15 for details
- Committee Organization (see slides 15 and 16)
  - Merge Interworking and TSN Task Groups effective after July meeting
  - New TSN Task Group
    - Chair: Michael Johas Teener
    - Vice-Chair: Janos Farkas
- 802 reports

- EC Privacy SG
  - <https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0032-00-ecsg-july-plenary-meeting-closing-report.pptx>
- IETF SC
- JTC1 SC
  - <https://mentor.ieee.org/802.11/dcn/15/11-15-0774-02-0jtc-agenda-for-july-2015-hawaii.pptx>
- ITU SC
  - <https://mentor.ieee.org/802-ec/dcn/15/ec-15-0058-00-INTL-itu-standaing-committee-agenda-july-2015.pdf>
- 802 TF
- 802 Task Force
  - Indemnification of officers
  - Get 802 Program
  - IEEE-SA staff
    - Program – Kathryn Bennett & Jonathan Goldberg
    - Editors – Michelle Turner & Catherine Berger
  - Membership database
  - myProject replacement
    - User review in November 2015
- Open Source
  - There was a lot of discussion of how to relate YANG work to open source efforts. The proposal is to use GITHUB as the basis for this work, and make the development of IEEE YANG models a collaborative effort. The dominant reaction was that this is something we have to do. So there are IPR issues we need to work through.
- Task Group reports were given for the following areas (see individual task group minutes and/or status from above for details):
  - Local Address SG – See slide 22
  - DCB – See slides 23 and 24
  - Interworking - Steve gave a report of the activities in Interworking
  - TSN – Michael gave a summary of the TSN activities
  - OmniRAN - Max summarized OmniRAN progress

His slides are available at:

<http://www.ieee802.org/1/files/public/docs2015/cf-riegel-status-report-to-802wgs-0715-v01.pdf>

- Security – Karen gave a summary of where the Security TG activities
- Maintenance – John gave a summary on maintenance activities for the week
- The Chair then showed the slide listing incoming liaisons and opened the topic of Outgoing Liaisons
  - The only outgoing liaison is the DCB liaison to IETF NVo3 Working Group.

***Motions – See closing Plenary Slides***

**Closing Plenary adjourned**