

IEEE 802 Plenary Meeting
 July 2010, San Diego, California
802.1 Meeting Minutes, 12-15 July 2010

Attendees

<i>Last Name</i>	<i>First Name</i>	<i>Middle Name or Initial</i>	<i>Affiliation</i>
Alon	Zehavit		Nokia Siemens Networks
Ayandeh	Siamack		HP - Hewlett-Packard Development Company, L.P.
Bao	Wanqun		WG802.1 University of New Hampshire InterOperability Laboratory (UNH-IOL)
Bond	David		Orange Labs
Bonnamy	Jean-Michel		HP - Hewlett-Packard Development Company, L.P.
Bottorff	Paul		Nokia Siemens Networks
Brandner	Rudolf		University of New Hampshire InterOperability Laboratory (UNH-IOL)
Carlin	Timothy		QLogic Corporation
Carlson	Craig		Tellabs
Cheng	Weiyang		Juniper Networks, Inc.
Cherukuri	Rao		HP - Hewlett-Packard Development Company, L.P.
Congdon	Paul		FUJITSU
Connor	Donald	O	Mellanox Technologies
Crupnicoff	Diego		Microsoft Corporation
Dabagh	Alireza		Telefon AB, LM Ericsson
Ding	Zheming		Ericsson
Farkas	Janos		Alcatel-Lucent
Fedyk	Donald		Cisco Systems, Inc.
Finn	Norman		Intel Corporation
Ganga	Ilango		Samsung
Garner	Geoffrey		Brocade
Ghanwani	Anoop		WG802.1
Godbole	Avanindra		WG802.1
Goodwin	Michele		HP - Hewlett-Packard Development Company, L.P.
Gravel	Mark		Ericsson
Gray	Eric		QSC Audio Products
Gross	Kevin		Huawei Technologies Co., Ltd.
Gu	Yingjie		IIT Bombay
Gumaste	Ashwin		HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED
Gunther	Craig		Extreme Networks
Haddock	Stephen		

Hayakawa	Hitoshi		Hitachi Ltd.
Hazarika	Asif		IPI Infusion Inc
Jeffree	Anthony		Broadcom & HP
Jha	Pankaj	K	Brocade Communications
Jones	Girault		Apple, Inc.
Joshi	Mandar		FUJITSU
Jost	Thomas		Vitesse Semiconductor Corporation
Kamath	Daya		Blade Network Technologies
Kidambi	Jayakrishna		Blade Network Technologies
Kilaru	Srikanth		WG802.1
Kim	Tae Eun		Extreme Networks
Kim	Yongbum		Broadcom Corporation
Kjendal	David		WG802.1
Klein	Philippe		Broadcom Corporation
Kumar	Vinod		Tejas Networks Ltd
Lemon	John		ADTRAN Inc.
li	lin		ZTE Corporation
Lynch	Jeff		IBM
Mack-Crane	Thomas		Huawei Technologies Co., Ltd.
Melman	David		Marvell
Menuchehry	Menu		Marvell
Merchant	Shehzad		Extreme Networks
Messenger	John		ADVA Optical Networking Ltd.
Multanen	Eric		Intel Corporation
Nicholl	Shawn		Exar
Noseworthy	Bob		University of New Hampshire InterOperability Laboratory (UNH-IOL)
Olsen	David		HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED
Pandey	Vijoy		Blade Network Technologies
Parsons	Glenn		Ericsson
Pearson	Mark		HP - Hewlett-Packard Development Company, L.P.
Pelissier	Joseph		Cisco Systems, Inc.
Raeber	Rene		Cisco Systems, Inc.
Randall	Karen	T	NSA/IAD
Rannow	R	K	Tyco Electronics
Roese	Josef		Deutsche Telekom AG
Rohde	Derek		QLogic Corporation
Rouyer	Jessy		Alcatel-Lucent
Sajassi	Ali		Cisco Systems, Inc.
Saltsidis	Panagiotis		Ericsson
Sathe	Satish		Applied Micro (AMCC)
Seaman	Michael		Mick Seaman
Seto	Koichiro		Hitachi Cable
Sharma	Rakesh		IBM
Shimizu	Takeshi		FUJITSU
Stanton	Kevin	B	Intel Corporation
Sultan	Robert		Huawei Technologies Co., Ltd.
Teener	Michael	Johas	Broadcom Corporation

Thaler	Patricia	Broadcom Corporation
Tumuluri	Chait	WG802.1
Unbehagen	Paul	WG802.1
Vissers	Maarten	Huawei Technologies Co., Ltd.
Wei	Yuehua	ZTE Corporation
Weibel	Hans	Zurich University of Applied Sciences
Xu	Dongmei	CESI
Yamaguchi	Ukyo	WG802.1
Yan	Peter	Broadcom Corporation

Opening Plenary (Monday, 12 July, 2010)

The Chair (Tony Jeffree) presented the opening plenary slides. See Tony's opening plenary slides at:

<http://www.ieee802.org/1/files/public/minutes/2010-07-opening-plenary-slides.pdf>

The Chair pointed out that he would be keeping the opening plenary short by summarizing most of the administrative information.

General information is here:

<http://www.ieee802.org/1/files/public/minutes/802-1-general-info.pdf>

Meeting "Decorum" - or rules - including the policy on recording and/or reporting of meetings. John Messenger said that he posts high level reports on a public Blog site hosted by his company.

The Chair also pointed out that Pat Thaler is not yet here and may not be here until later this week (if at all).

Paul Congdon volunteered to facilitate DCB meetings, if Pat is not yet here later today or tomorrow.

The Chair reviewed general administrative information, including 802.1 officers, website and access information, eligible voters, etc.

The Chair covered slides on IEEE-SA recommended policy statements to be 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

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 patents.

The Chair reviewed the schedule for future Interim meetings, which included:

- 13-16 September, 2010 - York England, hosted by Adva Optical
- 10-13 January, 2011 - Kauai, Hawaii
- May, 2011 - TBD

John Messenger gave an updated presentation on the September meeting in York. The presentation may be found here:

<http://www.ieee802.org/1/files/public/docs2010/admin-messenger-sep10-york-meeting-0710-v01.pdf>

The Chair summarized the Executive Committee meeting (see opening plenary slides for additional information and details). Items directly affecting this meeting were:

- Task Force meeting planned for Wednesday, 1-3 PM
- Emergency Services (.23) Chair/officer elections Thursday
- Architecture meetings
 - Tuesday 6-10 PM and
 - Thursday 8-10 AM
- RAC meeting Thursday, 6:30 PM
 - ISO agreement
 - OUI/Ethertype space consumption
 - Counterfeit address concerns

Glen Parsons is now RAC (Registration Authority Committee) Chair.

The Chair then covered the following topics:

- Joint meetings
 - Wednesday 9 AM to ~Noon - Interworking/DCB
 - Thursday 8 AM to 12:30 PM - 802.11/AVB
- 802.1D
 - Approved 2004
 - Reaffirmation ballot passed; small number of comments to respond to see draft disposition on the site (at:
<http://www.ieee802.org/1/files/public/docs2010/d-802-1D-2010-reaffirmation-pdis-0710.pdf>
- 802.1Q-Rev
 - Question is what to do about Qat (see slide in opening plenary slides)
 - Close to "expiration" but no real issues - other than the fact that RevCom will not approve amendments until they have an approved Q-Rev.

- Standards "Bug" reporting system:
 - We need a way to record known bugs in various standards,
 - Michael Johas Teener volunteered to look into using one of the many existing bug-reporting systems,
 - Paul Congdon volunteered to help with at least finding out if mechanisms used by 802.3 would be useful.

- There had been some concerns mentioned (by Geoff Thompson) about password protection of comment dispositions.
 - The issue is that comments may be submitted by people without access to password protected areas - who should have access to at least the comment dispositions associated with their own comments.
 - The question was - should we change our current practices?
 - There was no apparent support for doing so during the opening plenary.

- Framemaker support policy (format support changes 1 January, 2011 - see opening plenary slide on this topic for details)

- Handling MIB text in drafts (where amending an existing MIB)

- Task Group Agendas:
 - Architecture -
 - Tuesday, 13 July, 2010 at 6:00 PM (18:00) PDT
 - Thursday, 15 July, 2010 at 8:00 AM

 - Tuesday -
 - Pro-forma (approve agenda, approve minutes, patent policy, etc)
 - Review the unresolved issues list (admin-gilb-Draft-1p0-comments-0310-v01.xls)
 - Assign more or less responsible people to resolve the issues.

 - Thursday -
 - Review results and plan to resolve unfinished issues.

 - The documents for the group have been posted –
 - [Comments](http://www.ieee802.org/1/files/public/docs2010/admin-gilb-San-Diego-2010-agenda-0710-v00.xls)
<http://www.ieee802.org/1/files/public/docs2010/admin-gilb-San-Diego-2010-agenda-0710-v00.xls>
 - [Orlando agenda and notes](http://www.ieee802.org/1/files/public/docs2010/admin-gilb-Orlando-2010-agenda-0310-v00.xls)
<http://www.ieee802.org/1/files/public/docs2010/admin-gilb-Orlando-2010-agenda-0310-v00.xls>
 - [San Diego agenda](http://www.ieee802.org/1/files/public/docs2010/admin-gilb-San-Diego-2010-agenda-0710-v00.xls)
<http://www.ieee802.org/1/files/public/docs2010/admin-gilb-San-Diego-2010-agenda-0710-v00.xls>

- Interworking (Steve Haddock)

- A rough outline of the 802.1 Interworking Task Group agenda for the July plenary meeting in San Diego is available at: <http://iee802.org/1/files/public/docs2010/admin-interworking-agenda-0710-v1.pdf>
- First thing to note are the joint sessions:
 - 802.1 opening plenary beginning at 11:00am on Monday
 - Joint session with the DCB Task Group beginning 9:00am on Wednesday
 - 802.1 closing plenary on Thursday afternoon
- Two projects, 802.1Qbe MIRP and 802.1Qbc RCSI, that will have completed what may be the final working group recirculation ballot. Therefore these projects are not expected to require much time in the meeting, but they are first on the agenda for whatever time they need.
- 802.1aq SPB is currently in its first working group ballot.
 - This comment resolution is expected to consume the bulk of the meeting time,
 - However Don will not be in San Diego until Tuesday.
- Remaining projects have not had ballots since the interim, and are not expected to require much time.
- Taken together this means that it is quite possible we will be pulling discussions for new work items up to the beginning of the week.

- DCB (Paul Congdon, filling in for Pat)

- A preliminary agenda for DCB is available at: <http://iee802.org/1/files/public/docs2010/admin-dcb-agenda-0710-v1.pdf>

	Monday	Tuesday	Wednesday	Thursday
AM	Opening 802.1 Plenary	• Qaz Ballot Resolution • Qbh Ballot Resolution	• Joint Meeting DCB/Inter- working	• Remaining Ballot Resolution • New Items?
PM	Qbh Ballot Resolution	• Qbg Ballot Resolution	• Qbg Ballot Resolution	• Closing Plenary

- AVB (Michael Johas Teener)

- Monday PM through Tuesday PM -- 802.1AS comment review
 - Wednesday AM -- 802.1BA comment review (and a presentation by Kevin Gross)
 - Wednesday PM -- New work for 802.1AS, SRP (Qat follow-on), extremely low latency queuing/forwarding (Qav follow-on)
 - Thursday AM -- joint meeting with 802.11aa
- Security (Mick Seaman)
 - The Security Task Group Chair (Mick Seaman) said that a number of participants in the 802.1 Security Task Group expressed interest in adding an optional 256-bit Cipher Suite (GCM-AES-256) to IEEE Std 802.1AE-2006 (MAC Security), and that would require development of a small and focused amendment.
 - As not all those interested were able to be at the meeting this week, Mick expected the early stages of PAR development will be conducted largely through email via the exploder during the week. Karen Randall would lead that process.
 - Mick had prepared and uploaded a pdf markup of 1AE-2006 to show where changes are anticipated and an unofficial draft so that reviewers have a definite idea of the anticipated outcome. These are at:
 - [Markup for GCM AES-256](http://www.ieee802.org/1/files/public/docs2010/new-seaman-1AE-markup-for-gcm-aes-256-0710-v2.pdf)
<http://www.ieee802.org/1/files/public/docs2010/new-seaman-1AE-markup-for-gcm-aes-256-0710-v2.pdf>
 - [Draft version including GCM AES-256 changes](http://www.ieee802.org/1/files/public/docs2010/new-seaman-1AE-gcm-aes-256-0710.pdf)
<http://www.ieee802.org/1/files/public/docs2010/new-seaman-1AE-gcm-aes-256-0710.pdf>
 - At the closing plenary the Security Task Group would ask permission to hold one or more teleconferences to develop the PAR and 5 criteria further, and pre-circulate a further revision prior to the November meeting of 802 so that a PAR could be forwarded for approval at that meeting.

The Chair asked if there were any other items to discuss and – hearing none – adjourned the opening plenary meeting.

Interworking Minutes

July 12, Monday

Meeting called to order at 9:00am.

Presented patent policy slides. No response to the call for patents.

Stephen Haddock presented the preliminary agenda for the week.

802.1Qbe MIRP: The working group recirculation ballot of 802.1Qbe-d1.5 Multiple I-SID Registration Protocol completed with 100% approval and a single

editorial comment. Norm Finn suggested rejecting the comment as a non-essential change that could be addressed during the sponsor ballot process. There were no objections to this.

<http://www.ieee802.org/1/files/private/bc-drafts/d1/802-1bc-d1-5-dis.PDF>

(note that this is in the private area)

802.1Qbc RCSI: Ben Mack-Crane conducted comment resolution of 802.1Qbc-d1.3 PB Remote Customer Service Interface working group recirculation ballot. The comment dispositions are available in the bc-drafts folder on the web site.

<http://ieee802.org/1/files/public/docs2010/bc-mackcrane-editor-report-0710.pdf>

<http://ieee802.org/1/files/private/bc-drafts/d1/802-1bc-d1-3-dis.pdf>

(note that this is in the private area)

Adjourn at 12:45pm.

(802.1 opening plenary from 11:00am to 1:00pm)

Interworking Task Group meeting called to order at 2:45pm.

802.1Q-REV: Tony Jeffree discussed the status of the 802.1Q revision project. A new draft has been posted that is a work-in-progress for incorporating the comment resolutions from the D1.0 working group ballot. This incorporates 802.1Qau as well as significant changes in clause 13. As decided in the opening plenary, 802.1at will be included prior to going to sponsor ballot.

<http://www.ieee802.org/1/files/private/q-rev-drafts/d1/802-1Q-REV-D1-1.pdf>

(note that this is in the private area)

802.1D-Reaffirmation: Tony Jeffree discussed the status of the 802.1D reaffirmation sponsor ballot. The ballot had 100% approval, with three comments received. All were rejected as this is a reaffirmation ballot which means there can be no changes made to the text. The issues raised will be considered during the next revision project.

<http://www.ieee802.org/1/files/public/docs2010/d-802-1D-2010-reaffirmation-pdis-0710.pdf>

Liaison: Discussed two liaisons from the MEF and five from the ITU. The two from the MEF, regarding the MEF SOAM MIB and UTA/VUNI projects, had been discussed during the May interim in Geneva, with the conclusion that no further action or response is required. Links to the five new liaisons from the ITU are below. The first four are “for information” or “for comment” and no response is necessary, however several participants volunteered to review the documents included in the liaisons. If they feel a response would be useful they will make that recommendation prior to the closing plenary. The final one, regarding Ethernet over OTN, is “for action” and a response is expected. Ghani Abbas stated that the requested timing for a response would be before the December 2010 SG15 meeting, not necessarily the October 2010 meeting as specified in the liaison letter. Josef Roesse gave a presentation related to Service Provider objectives for Ethernet over OTN (link below).

<http://www.ieee802.org/1/files/public/docs2010/liaison-itut-oLS-213-0710.zip>

<http://www.ieee802.org/1/files/public/docs2010/liaison-itut-oLS-209-0710.zip>

<http://www.ieee802.org/1/files/public/docs2010/liaison-itut-oLS-208-0710.zip>
<http://www.ieee802.org/1/files/public/docs2010/liaison-itut-oLS-204-0710.zip>
<http://www.ieee802.org/1/files/public/docs2010/liaison-itut-sg15-oLS-197-0710.docx>
<http://ieee802.org/1/files/public/docs2010/new-roese-EoOTN-provider-view-0710.pdf>

Adjourn at 6:25pm.

July 13, Tuesday

Meeting called to order at 9:00am.

Presented patent policy slides. No response to the call for patents.

802.1Qbf SegProt: Bob Sultan presented an editor's update and conducted comment resolution of 802.1Qbf-d0.3 PBB-TE Infrastructure Segment Protection task group ballot. Proposed comment dispositions are available in the bf-drafts folder on the web site. Bob stated his intent to discuss comments {4-7, 11, 13-18, 20-23, 29-32, 35, 39, 46-47, 53-54, 62, 69, 75} which includes all comments that he proposes rejecting. Participants are encouraged to review the proposed disposition of other comments and raise them for discussion if they feel appropriate.

<http://www.ieee802.org/1/files/public/docs2010/bf-sultan-editors-report-0710-v01.pdf>
<http://www.ieee802.org/1/files/private/bf-drafts/d0/802-1bf-d0-3-dis-v0.pdf>

(note that this is in the private area)

Break for lunch at 1:25am. Resume at 2:30pm.

802.1aq SPB: Don Fedyk conducted comment resolution on 802.1aq-d3.0 Shortest Path Bridging working group ballot. Comment dispositions are available in the aq-drafts folder on the web site.

<http://www.ieee802.org/1/files/private/aq-drafts/d3/802-1aq-d3-0-pdis-v1.pdf>

(note that this is in the private area)

Mick Seaman posted a description and proof of correctness of the agreement protocol used in P802.1aq:

<http://ieee802.org/1/files/public/docs2010/aq-seaman-agreement-protocol-0710-v1.pdf>

Adjourn at 6:30pm.

July 14, Wednesday

Joint meeting of the Interworking and Data Center Bridging task groups called to order at 9:00am.

Presented patent policy slides. No response to the call for patents.

Paul Congdon and Joe Pelissier led a discussion on some DCB issues considered relevant to Interworking:

- Discuss whether a new Ethertype should be used for S-channel tagged frames.
- Discuss comment about C=VLAN -> S-VLAN priority mapping.

- Discuss the issue of bridge delay across the extended bridge and desire to be a compliant customer bridge.
- Discuss architecture differences fo Qbg and Qbh.

<http://iee802.org/1/files/public/docs2010/dcb-congdon-QbgQbhAlign-0710-v1.pdf>

Don Fedyk presented a tutorial on the 802.1aq Shortest Path Bridging project currently in working group ballot:

<http://www.ieee802.org/1/files/public/docs2010/aq-fedyk-SPB-DataCenter-tutorial-0710-v1.ppt>

Break for lunch at 12:45am. Resume at 2:00pm.

802.1aq SPB: Don Fedyk completed comment resolution on the 802.1aq-d3.0 Shortest Path Bridging working group ballot.

802.1Qbf SegProt: Bob Sultan completed comment resolution of 802.1Qbf-d0.3 PBB-TE Infrastructure Segment Protection task group ballot.

Adjourn at 6:00pm.

July 15, Thursday

Meeting called to order at 9:00am.

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

New Work: Panos Saltsidis gave a presentation related to support for a C-tagged service interface to a Provider Backbone Bridged Network. At the last interim Bob Sultan had posted a proposed draft PAR and a strawman draft:

<http://www.ieee802.org/1/files/public/docs2010/new-saltsidis-C-tagged-in-PBB-0710-v01.pdf>

<http://www.ieee802.org/1/files/public/docs2010/new-sultan-spbm-in-data-center-0510-v03.pdf>

<http://www.ieee802.org/1/files/public/docs2010/new-sultan-cbb-draft-par-0510-v02-.pdf>

<http://www.ieee802.org/1/files/public/docs2010/new-sultan-cbb-sample-draft-0510-v01.pdf>

Three presentations were given on the topic of “NNI Protection” (or “Network Interconnect Resiliency”), by Janos Farkas, Zehavit Alon, and Norm Finn:

<http://www.ieee802.org/1/files/public/docs2010/new-farkas-network-interconnect-resiliency-requirements-0710-v02.pdf>

<http://www.ieee802.org/1/files/public/docs2010/new-alon-INSP-state-machine-07-10-v01.pdf>

<http://www.ieee802.org/1/files/public/docs2010/new-nfinn-enni-heavy-light-0710-v02.pdf>

Unfortunately there was insufficient time to hear the fourth presentation on this topic that was posted by Nigel Bragg:

<http://www.ieee802.org/1/files/public/docs2010/new-enni-nbragg-SPBM-0610-v00.ppt>

Maarten Vissers posted a presentation on the new work proposal associated with the ITU-T SG15 liaison LS-197 (link above). Unfortunately there was insufficient time to hear this presentation.

<http://www.ieee802.org/1/files/public/docs2010/new-vissers-ethernet-in-otn-ptn-0710-v01.ppt>

Adjourn at 12:35pm.

DCB Minutes

July 12, Monday PM – 2:30PM

- Pat Thaler is out sick, so Paul Congdon is filling in for her
- Request for minute taker – no responses – Paul will do it.
- Paul covered the patent policy
- Call for patents – no responses
- Joe Pellisier began processing Qbh ballot comments
 - <http://www.ieee802.org/1/files/private/bh-drafts/d0/802-1bh-d0-3-pdis.pdf>
(note that this is in the private area)
- Meeting adjourned for the day at 6PM

July 13, Tuesday AM – 9:00AM

- Paul covered the patent policy
- Craig began processing Qaz ballot comments
 - <http://www.ieee802.org/1/files/private/az-drafts/d1/802-1az-d1-6-pdis-v1.pdf>
(note that this is in the private area)
- Curious questions about the relationship of Qaz to Q-REV. Given the timing of Qaz, it will go to Sponsor before Q-REV, so it really needs to be against Q-2005. We may have to do a final recirc of Qaz to align it as an amendment to Q-REV.
- All comments were addressed except two related to the MIBs. Offline discussion with Glenn Parsons and Tony Jeffree will resolve
- We need to get the non-responders and another re-circ will be run
- Joe Pelissier continued and completed processing Qbh comments
- Another task group ballot of Qbh will be run.

July 13, Tuesday PM – 1:30PM

- Tony Jeffree began processing Qbg comments
 - <http://www.ieee802.org/1/files/private/bg-drafts/d1/802-1Qbg-D1-0-pdis.pdf>
(note that this is in the private area)
- The item of a new Ethertype for the S-channel will be discussed with Interworking tomorrow

July 14, Wednesday AM – 9:00AM

- The Joint session with Interworking was started off by Steve Haddock. He did a fantastic job with the call for patents and there were no responses.
- Paul Congdon lead an EVB update section and we discussed
 - Ethertype for channels
 - Architecture issues
 - <http://ieee802.org/1/files/public/docs2010/dcb-congdon-QbgQbhAlign-0710-v1.pdf>

- Don Fedyk delivered the SPB tutorial
 - <http://www.ieee802.org/1/files/public/docs2010/aq-fedyk-SPB-DataCenter-tutorial-0710-v1.ppt>
- The items that were not address will be left for new work in Interworking and DCB. Anoops presentation will be for DCB and Bob Sultan's presentation will be new work for Interworking.

July 14, Wednesday PM – 2:00PM

- Tony Jeffree continued Qbg ballot resolution
- The discussion of what to do with the 802.1 LLDP Extension MIB came up. Either Qaz should pull in the Annex or continue with Qbg doing it, but this makes a mess in Qbg and Q-REV for the period of time that Qbg is not finished. An alternative is to move the Annex into Q-REV now, with an impact on Qaz. The decision was to leave the LLDP stuff in Qbg.

July 15, Thursday AM – 8:00AM

- Pat made the call for patents and there were no responses
- Tony Jeffree continued Qbg ballot resolution
- Anoop presented his proposal for Bridge assigned VSI Type IDs
 - <http://www.ieee802.org/1/files/public/docs2010/bg-ghanwani-bridge-vsi-0710-v2.pdf>
 - This is with respect to his ballot comment on Qbg. No immediate action was taken on the proposal and it will be considered with further clarification.
- Craig returned to discuss the final two comments regarding the MIB changes needed and the strategy for moving the LLDP extensions into Qbg.
- Pat covered the liaison letter from IETF
 - <http://www.ieee802.org/1/files/public/docs2010/liaison-ietf-bmwg-on-dcb-benchmarking-0510.pdf>
 - PFC screws up this work in the IETF. They want to re-charter their effort. Responses to their questions were discussed.
- Paul B presented a proposal for new VDP state machines.
 - <http://www.ieee802.org/1/files/public/docs2010/bg-bottorff-vdp-0710-v5.pptx>
 - There wasn't enough time to completely cover these, so they will be taken up on the approved conference calls
- Rakesh presented is proposal for the fixes to the existing VDP state machines for 10 minutes
 - <http://www.ieee802.org/1/files/public/docs2010/bg-sharma-evb-VDP-Description-07122010v01c.pdf>

AVB Minutes

July 12, Monday

Patent slides shown

Call for Potentially Essential Patents: None disclosed

July 13, Tuesday

Everyone re-reminded of patent slides, none disclosed
802.1AS comment resolution

July 14, Wednesday

Everyone re-reminded of patent slides, none disclosed

802.1BA comment resolution

July 15, Thursday

Essential patents? None.

Joint 802.1 AVB/802.11aa meeting

Closing Plenary (Thursday, July 15, 2010)

Closing Plenary slides are available at:

- <http://www.ieee802.org/1/files/public/minutes/2010-07-closing-plenary-slides.pdf>

The Chair (Tony Jeffree) led discussion of the following items:

- Material already covered in the opening plenary
 - Officers (no change)
 - Voter status (see slides)
- Patent policy and call for patent – no response
- New Upload area –
 - The new file upload facility can be accessed from the file naming conventions page at: <http://ieee802.org/1/filenaming.html>
- Future meetings
 - 13-16 September, 2010 –
 - John Messenger/Adva Optical to host in York, England
 - 10-13 January, 2011 –
 - Don Eastlake to host in Kauai, Hawaii
 - May, 2011 –
 - No offers so far...
- Task Group reports:
 - Steve summarized progress in Interworking and next steps –
 - WGB recirculation progress –
 - RCSI comment resolution
 - MIRP
 - SPB
 - TGB –
 - 802.1Qbf (follow on WGB)
 - 802.1AXbk
 - WGB –
 - 802.1Q-REV

- 802.1aq
- 802.1Qbf (contingent on TGB)
- 802.1AC
- SB –
 - 802.1Qbc
 - 802.1Qbe - recirculation
- PAR(s)
 - PAR extension request for 802.1AC
 - PBB C-tagged interface
 - Network Interconnect Resiliency
- Liaisons
 - liaison to ITU-T Q10/15 on Y.1731 changes
<http://www.ieee802.org/1/files/public/docs2010/liaison-nfinn-response-q10-15-209-LTM-0710-v01.pdf>
 - Request to EC to approve AAP last call comments (in response to AAP40 for G.8021) for submission by IEEE staff (to ITU-T) and an IEEE position (ITU-T Q9/15 - Split Horizons verses VID filtering)
<http://www.ieee802.org/1/files/public/docs2010/liaison-nfinn-split-horizon-vid-filtering-0710-v04.pdf>
 - liaison to ITU-T Q3/15 OTN work plan - update to IEEE projects
<http://www.ieee802.org/1/files/public/docs2010/liaison-parsons-response-itut-LS-204-OTNT-0710-v2.doc>
- Conference Calls
 - Network Interconnect Resiliency call, 7AM (US PT) Tuesdays
- Michael summarized progress in AVB and next steps –
 - 802.1BA comment resolution (TGB), going to WGB
 - 802.1Qat passed SB recirculation, going to RevCom
- Pat summarized progress in DCB and next steps –
 - 802.1Qbb –
 - passed Sponsor ballot with a small editorial comment
 - will be sent for the editor's consideration
 - 802.3bd –
 - did not get out to SB recirculation ballot because of a number of reasons out of the last meeting
 - will go out for SB recirculation out of this meeting
 - 802.1Qaz –
 - trying to get through WGB recirculation
 - want to get conditional approval for SB depending on results of the WGB recirculation
 - 802.1Qbg – TGB
 - 802.1Qbh – TGB
 - Liaison(s) –
 - Liaison to IETF BMWG (bench mark working group)
<http://www.ieee802.org/1/files/public/docs2010/liaison-dcb-draft-to-ietf-bmwg-0710.pdf>
- Mick summarized progress in Security and next steps –
 - E-Mail discussions to address addition of the new cypher-suite

(continuing with Closing plenary presentation)

- (In)Sanity check – current workload review (see slides)
- Motions (note that the closing slides are authoritative, in the event that there is any disagreement):
 - Minutes for March and May
 - Made by Eric Gray/seconded by Paul Congdon
 - For 33/Against 0/Abstain 3
 - November plenary pre-meetings
 - Eric Gray/Ben Mack-Crane
 - 25/0/4
 - James Gilb to run WGB for Architecture
 - Norm Finn/Paul Congdon
 - 30/0/2
 - 802.1Q-REV to WGB
 - Steve Haddock/Ali Sajassi
 - 35/0/0
 - 802.1aq WGB
 - Steve Haddock/Don Fedyk
 - 31/0/3
 - 802.1Qbe to SB recirculation
 - Steve Haddock/Norm Finn
 - 33/0/3
 - 802.1Qbc to a first SB
 - Steve Haddock/Ben Mack-Crane
 - 34/0/0
 - 802.1AC PAR extension request from EC to NesCom
 - Steve Haddock/John Messenger
 - 30/0/1
 - 802.1Qbf TGB and WGB
 - Steve Haddock/Bob Sultan
 - 35/0/0
 - 802.1AXbk TGB
 - Steve Haddock/John Messenger
 - 31/0/1
 - 802.1AC WGB
 - Steve Haddock/John Messenger
 - 33/0/0
 - liaison to ITU-T Q10/15 on Y.1731 changes
<http://www.ieee802.org/1/files/public/docs2010/liaison-nfinn-response-q10-15-209-LTM-0710-v01.pdf>
 - Steve Haddock/Norm Finn
 - 30/0/2
 - request to EC to approve AAP last call comments (in response to AAP40 for G.8021) for submission by IEEE staff (to ITU-T) and an IEEE position (ITU-T Q9/15 - Split Horizons versus VID filtering)
<http://www.ieee802.org/1/files/public/docs2010/liaison-nfinn-split-horizon-vid-filtering-0710-v04.pdf>

- Steve Haddock/Norm Finn
 - 23/0/4
- liaison to ITU-T Q3/15 OTN work plan - update to IEEE projects
<http://www.ieee802.org/1/files/public/docs2010/liaison-parsons-response-itut-LS-204-OTNT-0710-v2.doc>
 - Steve Haddock/Glenn Parsons
 - 28/0/1
- draft of a PAR and 5C during September interim for PBB C-tagged service interface and pre-circulation to EC prior to November Plenary
 - Steve Haddock/Bob Sultan
 - 3/11/18 (Motion failed)
- Network Interconnect Resiliency motion withdrawn
- weekly conference calls for Network Interconnect Resiliency –
 - 7 AM (US PT), Tuesdays
 - Norm Finn/Steve Haddock
 - Approved by acclamation
- weekly conference calls for AVB TG
 - 9 AM (US PT) Wednesdays – general
 - 10 AM (US PT) Mondays – 802.1AS
 - Michael Johas-Teener/Geoffrey Garner
 - Approved by acclamation
- 802.1AS PAR extension request from EC to NesCom
 - Michael Johas-Teener/Geoffrey Garner
 - 14/0/13
- 802.1BA to WGB
 - Michael Johas-Teener/Craig Gunther
 - 23/0/7
- 802.1Qat for EC approval to forward to RevCom
 - Michael Johas-Teener/Craig Gunther
 - 20/0/11
- weekly conference calls for DCB TG
 - 10 AM (US PT) Thursdays – 802.1Qaz ad hoc
 - 11 AM (US PT) Tuesdays – EVB ad hoc
 - Pat Thaler/Paul Congdon
 - Approved by acclamation
- 802.1Qaz to WGB recirculation and (provisionally) for EC approval to SB
 - Pat Thaler/Paul Congdon
 - 17/0/9
- 802.1Qbg to TGB
 - Pat Thaler/Paul Congdon
 - 27/0/2
- 802.1Qbh to TGB
 - Pat Thaler/Paul Congdon
 - 25/0/5
- Liaison to IETF BMWG
<http://www.ieee802.org/1/files/public/docs2010/liaison-dcb-draft-to-ietf-bmwg-0710.pdf>
 - Pat Thaler/Paul Congdon
 - 19/0/6

- weekly conference calls to develop draft PAR and 5C for an amendment to IEEE 802.1AE-2006 (adding GCM-AES-256 cypher suite) for pre-circulation to EC
 - Mick Seaman/Paul Congdon
 - 18/0/4
- request EC to nominate John Messenger as IEEE external representative to ITU-T
 - John Lemon/Glenn Parsons
 - 23/0/4

Closing Plenary adjourned