

# Minutes of the 802.1 Interim meeting held in Austin, Texas, 19-22 January 2010

## Attendees

<u>SURNAME</u>	<u>First Name</u>	<u>Middle Name</u>	<u>Affiliation</u>
Alon	Zehavit		Nokia Siemens Networks
Ao	Ting		ZTE Corporation
Arrington	Ed		Intel Corporation
Ashwood-Smith	Peter		Huawei Technologies Co., Ltd.
Ayandeh	Siamack		3Com Corporation
Bestler	Caitlin		Neterion, Inc.
Blake	Steven		Extreme Networks
Bottorff	Paul		Nortel Networks
Bragg	Nigel		WG802.1
Carlson	Craig	W	QLogic Corporation
Chandhoke	Sundeeep		National Instruments Corporation
Cheng	Weiyang		Tellabs
Cherukuri	Rao		Juniper Networks, Inc.
Congdon	Paul		Hewlett Packard
Connor	Don	O	Fujitsu Network Communications
Crupnicoff	Diego		Mellanox Technologies
Dabagh	Alireza		WG802.1
Dalvi	Gaurish		Juniper Networks, Inc.
Desanti	Claudio		Cisco Systems, Inc.
Ding	Zhemin		Ericsson
Eastlake, 3rd	Donald		Stellar Switches
Elzur	Uri		Broadcom Corporation
Farkas	Janos		Ericsson
Fedyk	Donald		ALCATEL-LUCENT
Finn	Norman		Cisco Systems, Inc.
Frazier	Robert		Ericsson
Ganga	Ilango		Intel Corporation
Garner	Geoffrey		Samsung Electronics
Ghanwani	Anoop		Brocade
Godbole	Avanindra		Juniper Networks Inc
Goodwin	Michele		ALCATEL-LUCENT
Gravel	Mark		Hewlett-Packard
Gray	Eric		Ericsson
Gunther	Craig		HARMAN INTERNATIONAL INDUSTRIES, INC
Haddock	Stephen		Stephen Haddock
Hagen	Mikkel		University of New Hampshire - IOL
Hudson	Charles		Hewlett-Packard Development Company, L.P.
Jeffree	Anthony		Broadcom & HP

Kidambi	Jayakrishna		BLADE Network Technologies
Kilaru	Srikanth		WG802.1
Kim	Yongbum		Broadcom Corporation
Klein	Philippe		Broadcom Corporation
Krause	Michael		HP - Hewlett-Packard Development Company, L.P.
Kumar	Vinod		Tejas Networks Ltd
Lakshmikantha	Ashvin		Broadcom Corporation
Lemon	John		ADTRAN Inc.
li	lin		ZTE Corporation
Luo	Yuanqiu		Huawei Technologies USA
Mack-Crane	Ben		Huawei Technologies Co., Ltd.
Messenger	John		Adva Optical Networking Ltd
Mizrahi	Tal		Marvell
Mora	Matthew		Apple Computer, Inc.
Motoki	Akihiro		NEC Corporation
Muller	Shimon		Sun Microsystems
Multanen	Eric		Intel Corporation
Olsen	David		HARMAN INTERNATIONAL INDUSTRIES, INC
Pandey	Vijoy		BLADE Network Technologies
Pannell	Donald		Marvell
Parsons	Glenn		Nortel Networks
Pelissier	Joseph		Cisco Systems, Inc.
Rouyer	Jessy	V	Alcatel-Lucent
Saltsidis	Panagiotis		Ericsson
Savarda	Raymond		exar, inc
Scott	James		Vitesse Semiconductor Corporation
Seaman	Michael		Mick Seaman
Shao	Hong		ZTE Corporation
Sharma	Rakesh		IBM
Shimizu	Takeshi		Fujitsu
Sprecher	Nurit		Nokia Siemens Networks
Stanton	Kevin	B	Intel Corporation
Sullerey	Anamaya		Chelsio Communications
Sultan	Robert	A	Huawei Technologies Co., Ltd.
Teener	Michael	Johas	Broadcom Corporation
Thaler	Patricia		Broadcom Corporation
Unbehagen	Paul		ALCATEL-LUCENT
Wang	Xi		Fujitsu Laboratories of America, Inc.
Weber	Karl		Siemens
Wei	Yuehua		ZTE Corporation

# Interworking Task Group Minutes

## *Tuesday, January 19*

Meeting called to order at 9:00am.

Stephen Haddock presented the preliminary agenda for the week.

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-d0.1 PBB-TE Infrastructure Segment Protection task group ballot. Proposed comment dispositions are available in the bf-drafts folder on the web site.

<http://www.ieee802.org/1/files/public/docs2010/bf-sultan-editors-report-0110-v01.pdf>

<http://ieee802.org/1/files/private/bf-drafts/d0>

Break for lunch at 12:35pm.

Resume at 1:45pm.

**802.1Qbf SegProt:** Completed comment resolution. Corona Wei gave a presentation supporting comments on overlapping IPGs:

<http://www.ieee802.org/1/files/public/docs2010/bf-weiyh-overlap-0110-v0.ppt>

**802.1Qbc RCSI:** Ben Mack-Crane conducted comment resolution of 802.1Qbc-d1.0 PB Remote Customer Service Interface task group ballot. Proposed comment dispositions are available in the bc-drafts folder on the web site.

<http://ieee802.org/1/files/private/bc-drafts/d1/802-1bc-d1-0-dis.pdf>

Adjourn at 6:10pm.

## *Wednesday, January 20*

Meeting called to order at 8:40am.

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

**802.1Qbc RCSI:** Ben Mack-Crane completed comment resolution of 802.1Qbc-d1.0 PB Remote Customer Service Interface task group ballot.

**802.1Qbe MIRP:** Norm Finn conducted comment resolution of 802.1Qbe-d1.1 Multiple I-SID Registration Protocol working group ballot. Proposed comment dispositions are available in the be-drafts folder on the web site.

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

Break for lunch at 12:10pm.

Resume at 1:30pm.

**802.1aq SPB:** Don Fedyk presented an editor's report and conducted comment resolution of 802.1aq-d2.5 Shortest Path Bridging task group ballot. Proposed comment dispositions are available in the aq-drafts folder on the web site. Peter Ashwood-Smith presented an overview of the SPB MIB. Mick discussed the changes to clause 13 involved in fixing L2GP.

<http://ieee802.org/1/files/public/docs2010/aq-fedyk-SPB-Update-summary-0110-v1.pdf>

<http://ieee802.org/1/files/private/aq-drafts/d2>

<http://www.ieee802.org/1/files/public/docs2010/aq-ashwood-MIBs-0110-v1.pdf>

Adjourn at 6:00pm.

## ***Thursday, January 21***

Joint meeting with Data Center Bridging task group called to order at 9:00.

***Minutes are included in the DCB task group minutes.***

Break for lunch at 12:50pm.

Resume Interworking task group meeting at 2:00 pm.

**802.1aq SPB:** Don Fedyk completed comment resolution on the 802.1aq-d2.5 Shortest Path Bridging task group ballot. Janos Farkas discussed interactions of MAC address registration in SPBM, SPBV, and MMRP.

<http://ieee802.org/1/files/public/docs2009/aq-nbragg-fast-spf-for-SPB-1109-v01.pdf>

**New Work:** Three speakers, Zehavit Alon and Vinod Kumar and Norm Finn, gave presentations regarding ways to provide protection at a UNI or ENNI:

<http://www.ieee802.org/1/files/public/docs2010/new-alon-UNI-ENNI-protection-requirements-0110-v01.pdf>

<http://www.ieee802.org/1/files/public/docs2010/new-vinod-ENNI-Protection-0110-v01.pptx>

<http://ieee802.org/1/files/public/docs2010/new-nfinn-nni-framework-0110-v01.pdf>

Adjourn at 6:15pm.

## **Friday, January 22**

Meeting called to order at 9:00am.

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

**New Work:** Geoff Thompson presented on regulatory requirements for Emergency Services on VOIP systems that may affect bridges:

<http://iee802.org/1/files/public/docs2010/new-thompson-Emergency-Services-requirements-0110.pdf>

John Messenger proposed a PAR for an amendment to 802.1AX Link Aggregation. The links below show the PAR and 5 criteria as edited during the discussion. Joe Pelissier gave a presentation on interactions between LLDP and Link Aggregation:

<http://www.iee802.org/1/files/public/docs2010/new-messenger-axbk-linkagg-addressing-draft-par-0110-v02.pdf>

<http://www.iee802.org/1/files/public/docs2010/new-messenger-axbk-draft-5cs-0110-v02.pdf>

<http://www.iee802.org/1/files/public/docs2010/new-pelissier-laglldp-0110.pdf>

Don Fedyk and Stephen Haddock gave presentations on requirements and solutions for supporting E-Tree services:

<http://www.iee802.org/1/files/public/docs2010/new-haddock-E-TREE-support-0110-v01.pdf>

<http://iee802.org/1/files/public/docs2010/new-fedyk-ETREE-Req-Solutions-0110-v1.pdf>

Zehavit Alon announced that she has posted a document providing additional information as a follow-up from the discussion of her UNI/ENNI protection presentation:

<http://iee802.org/1/files/public/docs2010/new-alon-UNI-ENNI-protection-technical-issues-0110-v01.pdf>

Vinod Kumar presented several issues relative to 802.1bf Infrastructure Segment Protection:

<http://iee802.org/1/files/public/docs2010/bf-vinod-SPG-Entity-0110-v01.pptx>

Break for lunch at 12:50pm.

Resume at 2:10pm

<http://iee802.org/1/files/public/docs2010/bf-vinod-ForwardingAmbiguitySolution-0110-v01.pptx>

<http://iee802.org/1/files/public/docs2010/bf-vinod-NestedOverlappingProtection-0110-v01.pptx>

The final document of the group was posted but not presented:

<http://iee802.org/1/files/public/docs2010/bf-vinod-CoordinationBetweenSegProtandPBBTE-0110-v01.pptx>

Adjourn at 4:00pm.

## **AVB Task Group Minutes**

### ***Tuesday, Jan 19***

Attendance password for the week is pinot\_noir

Tony started with the reading of the IEEE patent policy slides. Nobody responded to the call for patents.

The subject for this afternoon is 802.1BA.

Philippe will check to see if MOCA specs can be accessed by our group as a liaison as 802.1BA makes some reference to MOCA.

Tony spent the rest of the time going over 802.1BA draft 0.2.

### ***Wednesday, Jan 20***

Geoff went over all the comments on IEEE P802.1AS/D6.6. Will do a re-circulation with comment resolution to be done on the Monday calls. Target is to get this to sponsor ballot just before the March plenary.

### ***Thursday, Jan 21***

Craig went over all the comments on IEEE P802.1Qat/D5.0 that have been received so far from the current Sponsor ballot that ends on Feb 10<sup>th</sup>. Craig then went over his "What's next for SRP?" presentation:

<http://www.ieee802.org/1/files/public/docs2010/at-cgunther-srp-rev2.pdf>

Plan to do the rest of the comment resolution on the Wednesday calls after the ballot closes. Tony will issue an e-mail to announce this.

In the afternoon, Geoff went over his proposed changes based on the input he received on Wednesday.

## **DCB Task Group Minutes**

### ***Tuesday, January 19***

Pat Thaler started the meeting at 9:00 AM.

Agenda reviewed.

Patent slides presented.

Call for patents – no response.

Craig Carlson led discussion on P802.1Qaz ([draft 1.1](#)) ballot comments.

Joe Pelissier presented a [summary of DCBX operation](#).

Pat Thaler led discussion on P802.3bd ([draft 0.3](#)) ballot comments.

### ***Wednesday, January 20***

Pat Thaler reminded everyone about the patent policy.

No response to the call for patents.

Craig Carlson continued the discussion on P8021Qaz ballot comments.

Claudio DeSanti led discussion on P802.1Qbb ([draft 1.2](#)) ballot comments.

### ***Joint Interworking / DCB meeting, Thursday, January 21***

Joint meeting of Interworking and DCB called to order at 9:00 AM.

Pat Thaler reminded everyone about the Patent Policy.

No Response to the call for patents.

Pat Thaler reviewed the agenda.

Paul Congdon reviewed [P802.1Qbg document and structure](#).

Joe Pelissier reviewed [P802.1Qbh document and structure](#).

Pat Thaler reviewed [component definitions and protocol overview](#).

Chuck Hudson provided a [TLV Overview](#) and reviewed the [T3P proposal](#).

Uri Elzur reviewed [LLDP+ proposal](#).

Bob Sultan reviewed [Associated Control Protocol](#).

### ***Thursday PM (return to DCB only), January 21***

DCB resumed after lunch.

Rakesh Sharma presented [VSI Discovery and Configuration](#).

Caitlin Bestler presented [Issues with VEB/VEPA Multi-root](#).

Bob Sultan presented his ideas on the [Associated Control Protocol](#).

Renato Recio presented [T3P State Machines](#).

Uri Elzur presented [LLDP+](#).

## ***Friday, 22 January***

Pat Thaler reminded everyone about the Patent Policy.

No response to the call for patents.

Claudio DeSanti continued discussion on 802.1Qbb comment resolutions.

Craig Carlson continued discussion on 802.1Qaz comment resolutions.