

# 802.1 Closing Plenary - 07/2006

Agenda

# Administrative stuff

## ■ Officers

- Chair: Tony Jeffree
- Vice Chair: Paul Congdon
- Recording Secretary: Michael Wright
- Interworking/Link Sec TG Chair: Mick Seaman
- AV Bridging TG Chair: Michael Johas Teener
- CM Study Group Chair: Pat Thaler
- Link Sec TG Secretary: Allyn Romanow
- Maintenance of website: John Messenger
- Maintenance of Email exploder: Hal Keen

## ■ Website

- <http://www.ieee802.org/1/>
- Username: p8021 Password: go\_wildcats

# The following are 802.1 voters:

Alexei Beliaev  
Mike Borza  
Paul Bottorff  
Jim Burns  
Dirceu Cavendish  
Frank Chao  
Paul Congdon  
Russell Dietz  
Linda Dunbar  
Hesham Elbakoury  
David Elie-Dit-Cosaque  
Don Fedyk  
Felix Feifei Feng  
Norm Finn  
David Frattura  
John Fuller  
Geoffrey Garner  
Anoop Ghanwani  
Ken Grewal  
Steve Haddock  
Romain Insler  
Ran Ish-Shalom  
Tony Jeffree  
Michael Johas Teener  
Hal Keen  
Yongbum Kim  
Mike Ko  
Bruce Kwan  
Yannick Le Goff  
Dan Maltbie  
David Martin  
John Messenger

Dinesh Mohan  
Bob Moskowitz  
Don O'Connor  
Karen O'Donoghue  
Hiroshi Ohta  
Glenn Parsons  
Ken Patton  
Haim Porat  
Ray Qiu  
Karen Randall  
Robert Roden  
Josef Roese  
Allyn Romanow  
Dan Romascanu  
Jessy V Rouyer  
Ali Sajassi  
Panagiotis Saltsidis  
Sam Sambasivan  
John Sauer  
Mick Seaman  
Koichiro Seto  
Curtis Simonson  
Kevin B Stanton  
Bob Sultan  
Muneyoshi Suzuki  
Yoshihiro Suzuki  
Francois Tallet  
Pat Thaler  
John Viega  
Dennis Volpano  
Manoj Wadekar  
Ludwig Winkel  
Michael D. Wright

**The following can claim voting membership if they are here this week:**

Jean-Michel Bonnami

Rudolf Brandner

Tanmay Gupta

Kari Laihonen

Eric Ryu

Peter Saunderson

Nurit Sprecher

John Terry

Suresh Vobbilisetty

Bert Wijnen

# IEEE-SA Standards Board Bylaws on Patents in Standards

## 6. Patents

IEEE standards may include the known use of essential patents and patent applications provided the IEEE receives assurance from the patent holder or applicant with respect to patents whose infringement is, or in the case of patent applications, potential future infringement the applicant asserts will be, unavoidable in a compliant implementation of either mandatory or optional portions of the standard [essential patents]. This assurance shall be provided without coercion. The patent holder or applicant should provide this assurance as soon as reasonably feasible in the standards development process. This assurance shall be provided no later than the approval of the standard (or reaffirmation when a patent or patent application becomes known after initial approval of the standard). This assurance shall be either:

a) A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement either mandatory or optional portions of the proposed IEEE standard against any person or entity complying with the standard; or

b) A statement that a license for such implementation will be made available without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination.

This assurance is irrevocable once submitted and accepted and shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal.



# Instructions for the WG Chair

- **At Each Meeting, the Working Group Chair shall:**
- **Show slides #1 and #2 of this presentation**
- **Advise the WG membership that:**
  - The IEEE's patent policy is consistent with the ANSI patent policy and is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
  - Early disclosure of patents which may be essential for the use of standards under development is encouraged;
  - Disclosures made of such patents may not be exhaustive of all patents that may be essential for the use of standards under development, and that neither the IEEE, the WG, nor the WG Chairman ensure the accuracy or completeness of any disclosure or whether any disclosure is of a patent that, in fact, may be essential for the use of standards under development.
- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
  - That the foregoing advice was provided and the two slides were shown;
  - That an opportunity was provided for WG members to identify or disclose patents that the WG member believes may be essential for the use of that standard;
  - Any responses that were given, specifically the patents and patent applications that were identified (if any) and by whom.



# Inappropriate Topics for IEEE WG Meetings

- Don't discuss the validity/essentiality of patents/patent claims
- Don't discuss the cost of specific patent use
- Don't discuss licensing terms or conditions
- Don't discuss product pricing, territorial restrictions, or market share
- Don't discuss ongoing litigation or threatened litigation
- Don't be silent if inappropriate topics are discussed... do formally object.

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at [patcom@ieee.org](mailto:patcom@ieee.org) or visit <http://standards.ieee.org/board/pat/index.html>

This slide set is available at  
<http://standards.ieee.org/board/pat/pat-slideset.ppt>



# Future meetings

- September interim: John Messenger is sponsoring a meeting in York (UK) 26<sup>th</sup> through 29<sup>th</sup>. Details on 802.1 website.
- January interim:
  - Proposed meeting in Monterey, CA, could be 8-11 Jan 2007, 15-19 Jan 2007.
  - Alternative could be Sacramento
  - We can still join the London joint interim week of 15<sup>th</sup>, if this is what we want to do. WG prefers Monterey to London by 31:10.
- May interim: Geneva? Korea?



## 802 – Overview and Architecture

- Due for maintenance action this year
- Was last revised 2000
- Appropriate action at this point is to run a reaffirmation Sponsor ballot

# TG status reports

- AVB
- CM
- Sec
- IW

# Liaison reports

- 802.11 (Bob)
- IETF (Bert, Dan)
- 802.3 (Don)
- 802.21
- ITU
- TIA TR41.4

# Sanity check – current workload

- 802.1AC (MAC Service): Second draft
- 802.1af (Key agreement): TG ballot. End date Dec '06
- 802.1ag (CFM): WG ballot. End date July '07
- 802.1ah (Backbone PB) WG ballot. End date Sept 2007
- 802.1aj (Two-port relay) TG ballot. End date Sept 2007
- 802.1ak (MRP) Sponsor ballot. End date Nov 2006
- 802.1ap (Q MIB). PAR approved. End date Dec 2008
- 802.1aq (Shortest Path) TG ballot. End date Dec 2008
- 802.1AR (Device identifiers) TG ballot. End date Dec 2008
- 802.1AS (Time synch) – initial draft
- 802.1at (SRP) PAR to be submitted this week
- 802.1au (Congestion Notification) PAR to be submitted this week
- 802.1av (AVB Forwarding & Queuing) - PAR to be submitted in November
- 1 more AVB PAR – by March?
- 802.1H revision - PAR to be submitted this week
- 802 O&A – Reaffirmation ballot
- 802.1AB (LLDP) revision - PAR to be submitted in November
- 802.1aw (DD-CFM) – PAR to be submitted in November.
- Link Agg?

# Motions

# MOTION

- 802.1 approves the joint 802.1/802.17 liaison response to the ITU-T SG15 on ring protection as presented at this meeting.
- Proposed: seaman Seconded: martin
- For 31 Against 0 Abstain 8

# MOTION

- 802.1 resolves:
  - to re-designate the reserved address currently identified for use by 802.3 “Pause” as an address that can be used by any MAC-specific control protocol.
  - to re-designate the reserved address currently identified for use by 802.1AB as an address that can be used by protocols that require the scope of the address to be limited to an individual LAN, and that the Chair should communicate to IEEE 1588 that they should use this address for their time synchronization protocol requirement.
- Proposed: seaman Seconded: finn
- For 35 Against 0 Abstain 5

# MOTION

- 802.1 resolves to re-designate the reserved address ...-04 as an address that can be used by any MAC-specific protocol.
- Proposed: seaman Seconded: finn
- For 33 Against 0 Abstain 3



# MOTION

- 802.1 approves the November 2005, January March and May 2006 minutes.
- Proposed: romascanu Seconded: Fuller
- For 25 Against 0 Abstain 3

# MOTION

- 802.1 approves the ITU-T SG15 liaison response on Ethernet connection management as presented at this meeting.
- Proposed: seaman Seconded: finn
- For 25 Against 0 Abstain 8

# MOTION

- 802.1 approves the liaison contribution to IETF, MEF, and DSL Forum on combinations of tags as presented at this meeting.
- Proposed: seaman Seconded: finn
- For 24 Against 0 Abstain 6

# MOTION

- 802.1 requests approval from the EC to extend the 802.1 Congestion Management (CM) Study Group until November. SG Chair will be Pat Thaler.
- 802.1 Proposed: finn Second: cavendish
  - For: 26 Against: 0 Abstain: 2
- Exec Proposed: Jeffree Second:
  - For: Against: Abstain:

# MOTION

- 802.1 resolves to hold an interim session in York, UK, 26<sup>th</sup> -29<sup>th</sup> September 2006 hosted by John Messenger
- Proposed: messenger
- Second: seaman
  - For: 23
  - Against: 0
  - Abstain: 8

# MOTION

- 802.1 resolves to hold a pre-meeting on the Monday morning of the November 2006 plenary session.
- 802.1 Proposed: seaman
- Second: congdon
  - For: 29 Against: 0 Abstain: 2

# MOTION

- 802.1 authorizes its September interim meeting to further develop the text of the proposed PAR/5C for “Forwarding and Queuing for Time-Sensitive Streams” and authorizes the 802.1 Chair to forward it to the EC as per the 30-day rule.
- Proposed: fuller
- Second: kim
  - For: 24
  - Against: 0
  - Abstain: 7

# MOTION

- 802.1 authorizes its September interim meeting to develop the text of a proposed PAR for revision of 802.1AB and authorizes the 802.1 Chair to forward it to the EC as per the 30-day rule.
- Proposed: congdon
- Second: kim
  - For: 27
  - Against: 0
  - Abstain: 4



# MOTION

- 802.1 authorizes its September interim meeting to develop the text of a proposed PAR/5C for DDCFM (Data dependent CFM) and authorizes the 802.1 Chair to forward it to the EC as per the 30-day rule.
- Proposed: seaman
- Second: messenger
  - For: 23
  - Against: 0
  - Abstain: 9

# MOTION

- 802.1 requests permission from the EC to forward the P802.1 at draft PAR – SRP - to NesCom.
- 802.1 Proposed: fuller Second: garner
  - For: 23 Against: 0 Abstain: 5
- Exec Proposed: Jeffree Second:
  - For: Against: Abstain:

# MOTION

- 802.1 requests permission from the EC to forward the P802.1au draft PAR – Congestion Notification - to NesCom.
- 802.1 Proposed: finn Second: kim
  - For: 25 Against: 0 Abstain: 6
- Exec Proposed: Jeffree Second:
  - For: Against: Abstain:

# MOTION

- 802.1 requests permission from the EC to forward the P802.1H-REV draft PAR – MAC Bridging of Ethernet - to NesCom.
- 802.1 Proposed: seaman Second: congdon
  - For: 24 Against: 0 Abstain: 3
- Exec Proposed: Jeffree Second:
  - For: Against: Abstain:

# MOTION

- 802.1 requests permission from the EC to initiate a reaffirmation Sponsor Ballot for IEEE Std 802, Overview and Architecture.
- 802.1 Proposed: seaman Second: romanow
  - For: 29 Against: 0 Abstain: 3
- Exec Proposed: Jeffree Second:
  - For: Against: Abstain:

# MOTION

- 802.1 instructs the editor of P802.1ag (CFM), Norm Finn, to prepare a further draft taking into account the discussions during the July 2006 meeting. The Chair is authorised to issue the draft for Working Group balloting.
- 802.1 Proposed: finn Second: mohan
  - For: 33 Against: 0 Abstain: 0

# MOTION

- 802.1 instructs the editor of P802.1ah (PBB), Paul Bottorff, to prepare a further draft taking into account the discussions during the July 2006 meeting. The Chair is authorised to issue the draft for Working Group balloting.
- 802.1 Proposed: bottorff Second: suzuki
  - For: 32 Against: 0 Abstain: 1

# MOTION

- 802.1 instructs the editor of P802.1aj (TPMR), Tony Jeffree, to prepare a further draft taking into account the discussions during the July 2006 meeting. The Chair is authorised to issue the draft for Task Group balloting.
- 802.1 Proposed: messenger Second: finn
  - For: 26 Against: 0 Abstain: 1



# MOTION

- 802.1 authorizes the editor of P802.1au (CN), Norm Finn, to prepare an initial draft and circulate it to the working group.
- 802.1 Proposed: Thaler Second: finn
  - For: 30 Against: 0 Abstain: 2

# MOTION

- 802.1 resolves that if the interpretation request submitted by Norm Finn on the topic of address changes for 802.1AB is received by 802.1, the Chair is authorised to issue a response including the following text:
- “802.1 intends to create a corrigendum to IEEE Std. 802.1ad-2005, adding address 01-80-C2-00-00-0E to Table 8-2, so that frames with that destination address do not pass through an S-VLAN component. IEEE 802.1 does not intend to define any device that relays address 01-80-C2-00-00-0E.”
- Proposed: finn Seconded: congdon
- For 31 Against 0 Abstain 1

# MOTION

- 802.1 authorizes the Chair to request an EC email ballot to approve forwarding P802.1ag to Sponsor ballot should WG balloting be completed prior to the November Plenary.
- Proposed: finn Seconded: congdon
- For 29 Against 0 Abstain 0