802.1 Plenary - 07/2008

Closing Agenda

802.1 officers etc

- Officers
  - Chair: Tony Jeffree
  - Vice Chair: Paul Congdon
  - Recording Secretary: Michael Wright
  - Security TG Chair: Mick Seaman
  - Interworking TG Chair: Steve Haddock
  - AV Bridging TG Chair: Michael Johas Teener
  - Data Center Bridging TG Chair: Pat Thaler
  - Maintenance of website: John Messenger
  - Maintenance of Email exploder: Hal Keen
- Website
  - http://www.ieee802.org/1/
  - Username: p8021   Password: go_wildcats

Administrative stuff – Upload area

■ Website – New Upload area

– The new file upload facility can be accessed from the filenaming conventions page at:

http://ieee802.org/1/filenaming.html

Membership

- Voting membership
  - Current 802.1 membership rules:
  - A *session* is (the whole of) an Interim or Plenary during which 802.1 meets. A *meeting* is a subset of a session; i.e., a contiguous time period during the session when the WG meets. 802.1 considers meetings to be ½ day in duration.
  - To gain membership: Attend 2 plenaries in the span of the four most recent plenaries (one interim can be substituted) **and** inform the Chair of your intention to become a voter. Membership is then gained at the start of the next plenary attended
  - To maintain membership: Attend 2 out of the last 4 plenaries (one interim can be substituted) , and respond to 2 out of 3 most recent WG/TG ballots
  - **Attendance is as per signup book/sheet – must be 75% of meetings during a session in order to count.**
  - **Affiliation must be declared on the signup sheet in order for attendance to be counted (see later slides).**
  - Signing the signup sheet for a meeting declares that you have (or will have) attended during the majority of the allotted time for that ½ day meeting. Hence, at sessions where more than one WG meets, signing up at two parallel meetings is **not** valid.
- Voting rights are properly regarded as an obligation, not a privilege!

Membership contd...

- If you don't sign the signup sheet, then you won't get credit for being in the meeting.

- This may result in you not getting membership as quickly as you could.

- **So, if you care about getting/keeping your vote, make sure that you sign in every morning and afternoon that you are present in the meeting.**

Affiliation (1)

- **From the IEEE-SA Standards Board Operations Manual:**
  5.3.3.1 Disclosure of affiliation
  Each participant's affiliation shall be disclosed at any working group or project meeting. The chair or the chairs delegate shall inform the meeting of the requirement for disclosure of affiliation (see 5.2.1.5 of the IEEE-SA Standards Board Bylaws). This shall be via a sign-in (e.g., sign-in sheet, electronic sign-in, verbal disclosure, or electronic communication) that provides for disclosure of employer and any other affiliation, a reminder of the definition of affiliation, and possible penalties for non-compliance.
  Whenever an individual is aware that the ownership of his or her employer or other affiliation may be material to the process, or when the Sponsor or the IEEE-SA Standards Board requests, that individual shall also declare the "ultimate parent entity" of their affiliation. The ultimate parent entity is an entity that directly or indirectly, through one or more intermediaries, controls the entity identified as the individuals affiliation. For the purposes of this definition, the term "control" and its derivatives, with respect to for-profit entities, means the legal, beneficial or equitable ownership, directly or indirectly, of more than fifty percent (50%) of the capital stock (or other ownership interest, if not a corporation) of an entity ordinarily having voting rights.
  "Control" and its derivatives, with respect to nonprofit entities, means the power to elect or appoint more than fifty percent (50%) of the Board of Directors of an entity. The minutes of each working group or project meeting shall record a list of attendees and the disclosed affiliation of each attendee.

  5.3.3.2 False or misleading disclosure
  A meeting attendee who fails to disclose affiliation shall not accrue any membership rights, including rights of or towards voting membership, until such disclosures have been made. The chair shall review the adequacy of disclosures. Failure to disclose affiliation, or materially false or misleading disclosure of affiliation, shall result in loss of membership privileges and may also result in loss of other participation privileges within the IEEE-SA for such participants and any affiliated entities.
  The Sponsor of the project shall, when appropriate, review the adequacy of disclosures and, if deemed inadequate, may direct corrective action(s). In the absence of effective corrective action(s) by the Sponsor, the IEEE-SA Standards Board may impose further corrective action(s).

Affiliation (2)

- **<u>From the IEEE-SA Standards Board Bylaws:</u>**

5.2.1.5 Disclosure of affiliation
Every member and participant in a working group, Sponsor ballot, or other standards development activity shall disclose his or her affiliation. An individual is deemed "affiliated" with any individual or entity that has been, or will be, financially or materially supporting that individuals participation in a particular IEEE standards activity. This includes, but is not limited to, his or her employer and any individual or entity that has or will have, either directly or indirectly, requested, paid for, or otherwise sponsored his or her participation. Failure to disclose every such affiliation may result in complete or partial loss of rights to participate in IEEE-SA activities. An individual is not excused from compliance with this policy by reason of any claim of a conflicting obligation (whether contractual or otherwise) that prohibits disclosure of affiliation.
A person who believes that a participants disclosure is materially incomplete or incorrect should report that fact to the Secretary of the IEEE-SA Standards Board and the appropriate Sponsor(s).

The following are 802.1 voters:

Osama Aboul-Magd
Zehavit Alon
Caitlin Bestler
Jan Bialkowski
Rob Boatright
Jean-Michel Bonnamy
Paul Bottorff
Rudolf Brandner
Craig W. Carlson
Frank Chao
Rao Cherukuri
Taesik Cheung
Paul Congdon
Alex Conta
Diego Crupnicoff
Claudio Desanti
Linda Dunbar
Hesham Elbakoury
David Elie-Dit-Cosaque
Janos Farkas
Don Fedyk
Felix Feifei Feng
Norm Finn
Bob Frazier
John Fuller
Geoffrey Garner

Anoop Ghanwani
Franz Goetz
Eric Gray
Ken Grewal
Craig Gunther
Mitch Gusat
Steve Haddock
Brian Hassink
Brian Hausauer
Asif Hazarika
Romain Insler
Tony Jeffree
Paul Hongkyu Jeong
Michael Johas Teener
Prakash Kashyap
Hal Keen
Keti Kilcrease
Yongbum Kim
Philippe Klein
Mike Ko
Raghu Kondapalli
Bruce Kwan
Kari Laihonen
Yannick Le Goff
Gael Mace
Ben Mack-Crane

David Martin
Riccardo Martinotti
Marco Mascitto
Alan McGuire
Menucher Menuchery
John Messenger
Dinesh Mohan
Kevin Nolish
Hiroshi Ohta
David Olsen
Shlomo Ovadia
Don Pannell
Glenn Parsons
Ken Patton
Joe Pelissier
Hayim Porat
Max Pritikin
Ananda Rajagopal
Karen Randall
Robert Roden
Guenter Roeck
Josef Roese
Dan Romascanu
Moran Roth
Jessy V Rouyer
Ali Sajassi
Joseph Salowey

Panagiotis Saltsidis
Satish Sathe
John Sauer
Mick Seaman
Koichiro Seto
Himanshu Shah
Ravi Shenoy
Nurit Sprecher
Kevin B Stanton
Bob Sultan
Muneyoshi Suzuki
George Swallow
Attila Takacs
Francois Tallet
John Terry
Pat Thaler
Oliver Thorp
Fred Tuck
Maarten Vissers
Manoj Wadekar
Yan Wang
Brian Weis
Bert Wijnen
Ludwig Winkel
Michael D. Wright
Chien-Hsien Wu
Ken Young

The following have become voting members if they are here this week:

Edna Ganon
Abhay Karandikar
Jonathan Loewen
Matthew Xavier Mora

TG, WG, and Sponsor ballots

- **Task Group Ballots:**
  - Anyone can respond and vote (although voting members are obliged to do so)
  - Asks the question: "Is this draft complete and ready for Working Group Ballot?"
- **Working Group Ballots:**
  - Anyone can respond
  - Only voting members are able to (and are obliged to) vote
  - Asks the question: "Is this draft complete and ready for Sponsor Ballot?"
- **Sponsor Ballots:**
  - Extrernal review process
  - Only members of the balloting group can participate
  - To join the various balloting pools, you need to visit the IEEE website (pointer on the 802.1 website)

Instructions for the WG Chair

The IEEE-SA strongly recommends that at each WG meeting the chair or a designee:

- **Show slides #1 through #4 of this presentation**
- **Advise the WG attendees 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 identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
  - There may be Essential Patent Claims of which the IEEE is not aware. Additionally, neither the IEEE, the WG, nor the WG chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.

- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
  - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
  - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
  - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.

- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG chair review the guidance in *IEEE-SA Standards Board Operations Manual* 6.3.5 and in FAQs 12 and 12a on inclusion of potential Essential Patent Claims by incorporation or by reference.

  Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees with a PAR approved by the IEEE-SA Standards Board.

(Optional to be shown)

Participants, Patents, and Duty to Inform

All participants in this meeting have certain obligations under the IEEE-SA Patent Policy. Participants:

- "Shall inform the IEEE (or cause the IEEE to be informed)" of the identity of each "holder of any potential Essential Patent Claims of which they are personally aware" if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
  - "Personal awareness" means that the participant "is personally aware that the holder may have a potential Essential Patent Claim," even if the participant is not personally aware of the specific patents or patent claims
- "Should inform the IEEE (or cause the IEEE to be informed)" of the identity of "any other holders of such potential Essential Patent Claims" (that is, third parties that are not affiliated with the participant, with the participant's employer, or with anyone else that the participant is from or otherwise represents)
- The above does not apply if the patent claim is already the subject of an Accepted Letter of Assurance that applies to the proposed standard(s) under consideration by this group

  Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2

- **Early identification of holders of potential Essential Patent Claims is strongly encouraged**
- **No duty to perform a patent search**

Patent Related Links

All participants should be familiar with their obligations under the IEEE-SA Policies & Procedures for standards development.

Patent Policy is stated in these sources:

IEEE-SA Standards Boards Bylaws

http://standards.ieee.org/guides/bylaws/sect6-7.html#6

IEEE-SA Standards Board Operations Manual

http://standards.ieee.org/guides/opman/sect6.html#6.3

Material about the patent policy is available at

http://standards.ieee.org/board/pat/pat-material.html

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at 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

Call for Potentially Essential Patents

■ **If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance:**

– Either speak up now or

– Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible or

– Cause an LOA to be submitted

Patent policy announcements

- **TG Chairs please note:**
  - At the start of each TG meeting, TG Chair needs to perform the Call for Patents as per the previous slides.
  - During the rest of the week, please announce each morning that the meeting is subject to the Patents Policy as read and displayed at the opening of the TG meeting. If there are any responses to the call, minute it.
  - Point attendees at the PatCom website for details of the policy:

  http://standards.ieee.org/board/pat/index.html

  and for the slide set:

  http://standards.ieee.org/board/pat/pat-slideset.ppt

Future interim meetings

- **Sept 2008:**
  - Seoul, South Korea, 15th through 18th (also 802.3)
  - Portland 9th-11th (Security only)
- **Jan 2009:**
  - Bangalore, India 12-15th?
- **May 2009:**
  - Pittsburgh Pen 18-22nd
- **September 2009:**
  - Tunisia Sept 21-24 sponsored by ITU/T?? (followed by Sept 24-25 - IEEE/ITU joint workshop on Carrier Ethernet and Sept 28 - Oct 9 - ITU-T SG15 plenary)

CFI bit

- (discussed in closing plenary 2008-03)
- 802.5 is going away, therefore CFI bit no longer relevant
- Is it time to reassign the CFI bit?
- Potential utility as drop precedence bit (there is a current need in AVB for this)
- Potential issues with old equipment?

802.1ag interpretation

- Some discussion on the exploder
- What is its status? Do we have a response that we can agree on Thursday?

P802-REV Overview & Architecture: progression

- Initial "merge" draft produced (incorporates 802a and 802b and some obvious edits)
- Needs a long-term editor

P802.1AB-REV – 802.3 material

- Editor needs guidance on what the fate of Clause F should be following the joint meeting on Wednesday

TG reports

- Interworking
- Security
- AV
- DCB

(IN)Sanity check – current workload

1. 802 O&A – initial draft constructed. Needs an Editor. End date Dec '11
2. 802.1H revision - PAR approved. Editors in place. End date Dec '10
3. 802.1Q-REV – PAR approved.End date Dec '12
4. 802.1X-REV (Key agreement) - WG ballot. End date Dec '12
5. 802.1AB (LLDP) revision – WG ballot. End date Dec '11
6. 802.1AC (MAC Service): Second draft. End date Dec '10
7. 802.1aj (Two-port relay) WG ballot. End date Dec '10
8. 802.1ap (Q MIB). Sponsor ballot. End date Dec '09
9. 802.1aq (Shortest Path) TG ballot. End date Dec '09
10. 802.1AR (Device identifiers) WG ballot. End date Dec '09
11. 802.1AS (Time synch) – WG ballot. End date Dec '10
12. 802.1Qat (SRP) TG ballot. End date Dec '10
13. 802.1Qau (Congestion Notification) TG ballot. End date Dec '10
14. 802.1Qav (AVB Forwarding & Queuing) - TG ballot End date Dec '11
15. 802.1Qaw (DD-CFM) – WG ballot. End date Dec '11
16. 802.1Qay – PBB-TE – WG ballot. End date Dec '11
17. 802.1Qaz – ETS – TG ballot. End date Dec '12
18. 802.1BA – PAR approved. End date Dec '12
19. 802.1Qbb – PFC – TG ballot. End date Dec '12

Motions

MOTION

- 802.1 approves the March 2008 and May 2008 minutes.

- Proposed: wright   Seconded: fuller

- For 53   Against   0   Abstain   2

MOTION

- 802.1 resolves to hold pre-meeting(s) on the Monday morning of the November 2008 plenary session.

- 802.1 Proposed: haddock

- Second: wright

  – For: 52   Against: 0 Abstain: 3

MOTION

- 802.1 resolves to hold an interim meeting in Seoul, South Korea, 15th through 18th September (co-located with 802.3).

- 802.1 Proposed: teener

- Second: thaler

  – For: 42 Against: 1 Abstain: 12

MOTION

- 802.1 resolves to hold an interim meeting in Pittsburgh Pen 18-21st May 2009.

- 802.1 Proposed: nolish

- Second: finn

  - For: 37 Against: 0   Abstain: 9

MOTION

- 802.1 resolves to hold an interim meeting in Bangalore, India, 12 Through 15 January 2009.

- 802.1 Proposed: karandikar

- Second: teener

  – For: 18   Against: 16 Abstain: 26

Motions - AVB

MOTION

- Motion: The AVB TG will continue to have teleconferences weekly at 9AM (US Pacific) Wednesdays for AVB general topics and 10AM (US Pacific) Mondays for 802.1AS specific topics. Access information will be sent to the 802.1 reflector immediately after the plenary.

- Proposed: teener
- Second: fuller
  - For: 17
  - Against: 0
  - Abstain: 24

MOTION

- 802.1 instructs the editor of P802.1AS (Geoff Garner) to prepare a further draft. The Chair is authorized to submit the project for Working Group balloting.
- Proposed: teener Second: Garner
- For: 36   Against: 0   Abstain: 6

MOTION

- 802.1 instructs the editor of P802.1Qat (Craig Gunther) to prepare a further draft. The Chair is authorized to submit the project for Task Group balloting.

- Proposed: teener Second: gunther

- For: 40   Against: 0 Abstain: 8

MOTION

- 802.1 instructs the editor of P802.1Qav (Tony Jeffree) to prepare a further draft. The Chair is authorized to submit the project for Task Group balloting.

- Proposed: teener Second: wright

- For: 44   Against: 0   Abstain: 8

Motions - DCB

MOTION

- Motion: Authorize CN ad hoc teleconferences weekly at 9AM (US Pacific) Thursdays. Access information will be sent to the 802.1 reflector immediately after the plenary.
- Proposed: thaler
- Second: ghanwani
  - For: 27
  - Against: 0
  - Abstain: 23

MOTION

- The editor of P802.1Qau (Norm Finn) is instructed to prepare a draft for task group ballot based on comments received.

- The Chair is authorized to submit the draft for task group balloting.

- Proposed: Thaler Second: Finn

- For: 38   Against: 0   Abstain: 4

MOTION

- The editor of P802.1Qaz (Craig Carlson) is instructed to prepare an initial draft for task group ballot based on:
  - az-ghawani-ets-proposal-0708-v1.pdf except for the table structures
  - plus consensus reached at the September interim
- The Chair is authorized to submit the draft for task group balloting.

- Proposed: Thaler Second: Asif Hazarika

- For: 37   Against: 0   Abstain: 8

MOTION

- The editor of P802.1Qbb (Claudio DeSanti) is instructed to prepare an initial draft for task group ballot based on:
  - bb-pelissier-pfc-proposal-0508.pdf and inputs from the September interim
- The Chair is authorized to submit the draft for task group balloting.

- Proposed: Thaler Second: Guenter Roeck

- For: 41   Against: 1   Abstain: 4

Motions - Security

MOTION

- 802.1 resolves to hold an interim meeting of the Security TG 9th,10th, 11th September in Portland, Oregon.

- 802.1 Proposed: Seaman

- Second: wright

  - For: 10   Against: 1
    Abstain: 35

MOTION

- 802.1 instructs the editor of P802.1-X-REV (Mick Seaman) to prepare a further draft. The Chair is authorized to submit the project for Working Group balloting.

- Proposed: Seaman Second: wright

- For: 32   Against: 0   Abstain: 8

MOTION

- 802.1 instructs the editor of P802.1AR (Max Pritikin) to prepare a further draft. The Chair is authorized to submit the project for Working Group balloting.

- Proposed: Seaman Second: wright

- For: 34   Against: 0   Abstain: 12

Motions - Interworking

MOTION

- 802.1 requests approval of the EC to submit 802.1ap for Sponsor ballot.

- Proposed: haddock Second: parsons

- For: 48 Against: 0 Abstain: 2

- EC proposed: Jeffree Second:

MOTION

- The editors of P802.1H-REV (Kevin Nolish and Michael Wright) are instructed to prepare a draft for task group ballot based on:

  H-Rev-NolishWright-EditorPlan-0708-v01.ppt

- Proposed: Wright Second: haddock
- For: 40   Against: 0   Abstain: 6

MOTION

- 802.1 instructs the editor of P802.1Qaw (Linda Dunbar) to prepare a further draft. The Chair is authorized to submit the project for Working Group recirculation balloting.

- Proposed: Haddock Second: Dunbar

- For: 45   Against: 0   Abstain: 0

MOTION

- 802.1 instructs the editor of P802.1Qay (Panos Saltsidis) to prepare a further draft. The Chair is authorized to submit the project for Working Group balloting.

- Proposed: Haddock Second: Saltsidis

- For: 47 Against: 0 Abstain: 2

MOTION

- 802.1 requests approval of the EC to forward P802.1ak-Cor-1 to RevCom.
- Proposed: Haddock Second: thaler
- For: 52   Against: 0   Abstain: 0

MOTION

- P802.1AC PAR extension: http://www.ieee802.org/1/files/public/docs2008/ac-par-extension-request-0708.pdf

- 802.1 requests EC approval to forward the draft PAR extension for 802.1AC to NesCom.

- 802.1: Proposed: haddock Second: wright

- For: 36   Against: 0   Abstain: 9

- EC proposed: Jeffree second:

MOTION

- P802.1AB PAR modification: http://ieee802.org/1/files/public/docs2008/ab-par-modification-request-0708.pdf

- 802.1 requests EC approval to forward the draft PAR modification for 802.1AB-REV to NesCom.

- 802.1: Proposed: haddock Second: wright

- For: 33   Against: 0   Abstain: 7

- EC proposed: Jeffree second:

MOTION

- 802.1 instructs the editor of P802.1aj (John Messenger) to prepare a further draft based on the resolution of ballot comments received. The Chair is authorized to submit the project for Working Group recirc balloting.

- Proposed: Haddock Second: Messenger

- For: 36   Against: 0 Abstain: 5

MOTION

- 802.1 instructs the editor of P802.1AB-REV (Tony Jeffree) to prepare a further draft . The Chair is authorized to submit the project for Working Group recirc balloting.

- Proposed: Haddock Second: patton

- For: 37   Against: 0   Abstain: 1

MOTION

- 802.1 resolves to use the 01-80-C2-00-00-00 address as the "nearest customer bridge" address in P802.1AB-REV.

- 802.1: Proposed: haddock Second: seaman

- For: 33   Against: 0   Abstain: 7

MOTION

- 802.1 approves the 802.1ag interpretation request documented here:

- http://ieee802.org/1/files/public/docs2008/admin-ag-interpretation-request-0708-v01.doc

- 802.1: Proposed: haddock Second: finn

- For: 29   Against: 0   Abstain: 10

MOTION

- 802.1 approves the liaison letter to ITU_T SG15 regarding PBB-TE protection:

- http://ieee802.org/1/files/public/docs2008/liaison-saltsidis-ITUTProtectionSwitching-0708-v01.doc

- 802.1: Proposed: haddock Second: saltsidis

- For: 34   Against: 0   Abstain: 8

MOTION

- 802.1 authorizes use of a phone in bridge for the sponsor ballot comment resolution on P802.1ap in the September meeting.

- 802.1: Proposed: haddock Second: parsons

- For: 30   Against: 0   Abstain: 9