

802.1 Plenary - 07/2008

Opening Agenda

Security issues

- **Please wear your badge** when in the meeting areas of the hotel
- This will help the hotel security staff to improve the general security of the meeting rooms
- **PCs HAVE BEEN STOLEN** at previous meetings – **DO NOT** assume that meeting areas are secure

Hotel network

- Attendees staying at the Hyatt can access the hotel network using
 - Username - IEEE
 - Password - Denver

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: <ask the Chair>

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 individual's 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)

- **From the IEEE-SA Standards Board Bylaws:**

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 individual's 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 participant's 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	Anoop Ghanwani	David Martin	Panagiotis Saltsidis
Zehavit Alon	Franz Goetz	Riccardo Martinotti	Satish Sathe
Caitlin Bestler	Eric Gray	Marco Mascitto	John Sauer
Jan Bialkowski	Ken Grewal	Alan McGuire	Mick Seaman
Rob Boatright	Craig Gunther	Menucher Menuchery	Koichiro Seto
Jean-Michel Bonnamy	Mitch Gusat	John Messenger	Himanshu Shah
Paul Bottorff	Steve Haddock	Dinesh Mohan	Ravi Shenoy
Rudolf Brandner	Brian Hassink	Kevin Nolish	Nurit Sprecher
Craig W. Carlson	Brian Hausauer	Hiroshi Ohta	Kevin B Stanton
Frank Chao	Asif Hazarika	David Olsen	Bob Sultan
Rao Cherukuri	Romain Insler	Shlomo Ovadia	Muneyoshi Suzuki
Taesik Cheung	Tony Jeffree	Don Pannell	George Swallow
Paul Congdon	Paul Hongkyu Jeong	Glenn Parsons	Attila Takacs
Alex Conta	Michael Johas Teener	Ken Patton	Francois Tallet
Diego Crupnicoff	Prakash Kashyap	Joe Pelissier	John Terry
Claudio Desanti	Hal Keen	Hayim Porat	Pat Thaler
Linda Dunbar	Keti Kilcrease	Max Pritikin	Oliver Thorp
Hesham Elbakoury	Yongbum Kim	Ananda Rajagopal	Fred Tuck
David Elie-Dit-Cosaque	Philippe Klein	Karen Randall	Maarten Vissers
Janos Farkas	Mike Ko	Robert Roden	Manoj Wadekar
Don Fedyk	Raghu Kondapalli	Guenter Roeck	Yan Wang
Felix Feifei Feng	Bruce Kwan	Josef Roese	Brian Weis
Norm Finn	Kari Laihonen	Dan Romascanu	Bert Wijnen
Bob Frazier	Yannick Le Goff	Moran Roth	Ludwig Winkel
John Fuller	Gael Mace	Jessy V Rouyer	Michael D. Wright
Geoffrey Garner	Ben Mack-Crane	Ali Sajassi	Chien-Hsien Wu
		Joseph Salowey	Ken Young

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

Edna Ganon

Abhay Karandikar

Jonathan Loewen

Matthew Xavier Mora

Access to 802.XX websites/reflectors

- As per established 802 EC decisions, there should be no restriction placed on access to websites and email reflectors owned by other WGs
- Some WGs allow the 802.1 username/password to be used on their websites
- For others, a request to the WG Chair should produce the desired result.
- IF YOU DON'T GET A SENSIBLE RESPONSE FROM THE RELEVANT WG CHAIR, LET ME KNOW.

802.1 WG and TG operation

- Consensus process; the ultimate test of consensus is the vote taken on a WG draft
- Votes are not taken in Task Group or Interim meetings
- 802.1 WG Plenary meetings are used to take any “formal” votes
- Most technical issues are resolved through Task Group ballots, prior to the formal Working Group ballot; i.e., we conduct the WG ballot only when we think we’re nearly done
- Voting membership is NOT a pre-requisite to participate in TG or WG ballots
- Focus is on technical progress, not studying/applying RR
- Offline discussions are essential in achieving consensus

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:
 - External 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

Other Guidelines for IEEE WG

Meetings

- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**
 - **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**
 - **Don't discuss specific license rates, terms, or conditions.**
 - Relative costs, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.
 - Technical considerations remain primary focus
 - **Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.**
 - **Don't discuss the status or substance of ongoing or threatened litigation.**
 - **Don't be silent if inappropriate topics are discussed ... do formally object.**

See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and “Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association’s Antitrust and Competition Policy” for more details.

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>

Use of audio/video recording devices & other techno toys

- **Per 2006 SA ops manual:**
 - **No use may be made of audio or video recording devices to record the proceedings in any 802 meetings without the express knowledge and agreement of all participants in the meeting.**
 - **Any members of the press are required to announce their presence**
- Participants are reminded that mobile phones should be adjusted to the “off” or “silent mode” setting.
Use of either of these settings would be a considerable courtesy to the speaker and members of the audience.

Presentation materials

- **Copyright statements or privacy/confidentiality statements of any kind SHALL NOT APPEAR on any contributions to 802, either in emails or in presentation material**
- Power Point bloat
 - At these meetings external bandwidth is not free
 - Please consider this when developing presentations
 - Corporate logos, graphic backgrounds, lots of clip art, etc. occupy lots of megabytes & generally do not convey any content that helps us to make technical progress
 - A comparison: Current 802.1Q-REV plus AD is a mere 2.8 megs; some recent presentations have been of comparable or greater size (but smaller in content by a couple of orders of magnitude!)
 - I will reserve the right in future to refuse circulation of materials that I consider to be excessive in this regard

Attendance recording system

- Christina Sahr – demonstration of the system

Future interim meetings

- Sept 2008:
 - Seoul, South Korea, 15th through 18th (also 802.3)
- Jan 2009:
 - Bangalore, India?
- May 2009:
 - Pittsburgh Pen 10-15th or 17-22nd
- 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)

Exec report

- 802.20 returned to normal operation
- UC-EC disbanded
- BoG approved the strategic plan
- Nikolich is running for BoG membership
- SB actions:
 - 802.1ah, 802.20 approved
 - Qbb, BA, X-REV PARs approved
 - 802.1af PAR withdrawn
- EC recommend to the SB that they withdraw the 802.5 standards;
- 802.5 WG will then be disbanded
- IEEE SA/802 task force
 - Impact of strategic plan on 802
 - Ombudsman feedback
 - Attendance tool

Exec report

- GetIEEE802
 - 4.25 megadownloads to date
 - 240,000 YTD
 - Students still highest number; attorney/legal is climbing
 - 802 revenue \$500,000
 - Ad hoc meeting this week
- SA strategic planning
 - Core purpose developed
 - “Big audacious goal” developed
 - Plan approved June 2008
- On-line training
 - People still enrolling; many don’t complete the course
 - Steve Carlson doing newcomer training this week
 - Training on handling dominance?
 - Training on new rules
- Treasurer’s report
 - Orlando 1417 attendees, \$140K surplus
 - Denver: 1400 attendees, expect \$100K surplus
 - Reserve approaching \$1M target

Exec report

- ISO/IEEE agreement
 - New approach: supersedes all old agreements
 - IEEE can submit directly to ISO JTC1 for fast track
 - IEEE holds the copyright
 - Covers all IEEE standards
 - IEEE standards fully recognized by IEO and JTC1
 - IEEE standards can be normatively referenced
 - ISO will perform the final editing
 - IEEE/ISO establishing a consistent layout for ISO/IEEE standards
 - ISO standards don't include participants lists
 - IEEE and ISO have agreed to keep the list in an annex
 - There will be a single publication of the agreed upon version
- P&P updates
 - Existing P&P being split into a P&P and an ops manual as per AudCom requirements
 - Baseline WG P&P being developed by AudCom and will be imposed on us in due course
- Allegation of dominance in 802.11
 - Reported to .11 and EC at close of March plenary
 - Allegations investigated
 - Handling of the issues in the WG was appropriate and no evidence of dominance was found
 - Need for a review of WG activity and any “bad meeting behavior”.
 - Ad-hoc Tues 5-6 PM
- 802.11 has established an architecture group

Exec report

- Meeting planner contract – will be assigned this week
- nNA venues
 - 4 proposals for 2011/2012
 - 1 proposal for 2013
 - Survey this week
 - Selection/EC approval Friday
- Network service contract
 - Needs to be re-let
- No current appeals
- nNA venues tutorial tonight

EC meetings for the week (held in Limestone)

- • Monday 3-4pm nNA survey refinement (Rigsbee)
- • Monday 8-10pm reserved (Thompson)
- • Tuesday 9-noon reserved (Nikolich)
- • Tuesday noon-1pm open
- • Tuesday 1-2pm open
- • Tuesday 3-5pm Executive Session--meeting planner RFQ (Rigsbee)
- • Tuesday 5-6pm begin work on dealing with dominance (Thaler)
- • Tuesday 8:30-10pm
- • Wed 9-noon Executive Session--Network Services Contract (Rigsbee)
- • Wed noon-1pm non-North American venue discussion (Rigsbee)
- • Wed 1-3pm 802 Task Force (Nikolich)
- • Wed 3-5pm Executive Session--meeting planner RFQ - tentative (Rigsbee)
- • Thursday 10-11am open
- • Thursday 11am-1pm open
- • Thursday 1-2pm open
- • Thursday 5-7pm open

IEEE Standards Process Training

- Ever find the process here confusing?
 - Why do we have study groups?
 - What's a PAR?
 - How do you get your standard approved?
- Need a quick refresher on the process?
- Help is at hand:
 - Free on line training at:
<http://ieee802.org/training.htm>
- Learn or review the IEEE Standards process in 3 hours or less.

802.1 PARs up for approval this week:

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

802.1AX progression/issues

- Pat Thaler presentation

Liaisons

- Bert Wijnen has stood down as liaison from IETF; Eric Gray has taken over.
- We have received the following liaisons:
 - <http://www.ieee802.org/1/files/public/docs2008/liaison-ls-147-with-jca-tor-0708.doc>
- Any others?

802.1ak Cor-1 progression

- Recirc closed
- 100% approval
- No comments to address
- Forward to RevCom

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?

802.1AB Nearest Customer Bridge address

- -00 or -0F?
- Need to resolve this for the AB-REV ballot

Minutes

- ...are NOT intended to be a blow-by-blow account of a meeting
- ...ARE intended to record presentations, discussion topics, and what was decided (i.e., motions).

TG agendas