# 802.1 Plenary - 07/2006

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

# 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

# Administrative stuff - contd

- **Voting membership**
  - Current 802.1 membership rules (802 rules currently being revamped):
  - N.B. terminology: 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. Generally meetings are ½ day in duration or less.
  - 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.**
  - Signing the signup sheet for a meeting declares that you have (or will have) attended during the majority of the allotted time for that 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!

# Administrative stuff - contd

- If you don't sign the signup book/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.**

# The following are 802.1 voters:

| | |
|---|---|
| Alexei Beliaev | Dinesh  Mohan |
| Mike Borza | Bob  Moskowitz |
| Paul  Bottorff | Don  O'Connor |
| Jim  Burns | Karen  O'Donoghue |
| Dirceu  Cavendish | Hiroshi Ohta |
| Frank Chao | Glenn  Parsons |
| Paul  Congdon | Ken  Patton |
| Russell Dietz | Haim Porat |
| Linda Dunbar | Ray Qiu |
| Hesham  Elbakoury | Karen Randall |
| David  Elie-Dit-Cosaque | Robert Roden |
| Don  Fedyk | Josef Roese |
| Felix Feifei Feng | Allyn  Romanow |
| Norm Finn | Dan  Romascanu |
| David  Frattura | Jessy V Rouyer |
| John Fuller | Ali  Sajassi |
| Geoffrey  Garner | Panagiotis  Saltsidis |
| Anoop  Ghanwani | Sam  Sambasivan |
| Ken Grewal | John  Sauer |
| Steve  Haddock | Mick  Seaman |
| Romain Insler | Koichiro Seto |
| Ran  Ish-Shalom | Curtis  Simonson |
| Tony  Jeffree | Kevin B Stanton |
| Michael Johas Teener | Bob  Sultan |
| Hal  Keen | Muneyoshi Suzuki |
| Yongbum  Kim | Yoshihiro Suzuki |
| Mike Ko | Francois Tallet |
| Bruce Kwan | Pat Thaler |
| Yannick Le Goff | John  Viega |
| Dan Maltbie | Dennis  Volpano |
| David  Martin | Manoj Wadekar |
| John  Messenger | 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

# 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

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# 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:
  - Extrenal review process
  - Only members of the balloting group can participate
  - To join the various balloting pools, need to visit the IEEE website (pointer on the 802.1 website)

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# 802.1ak Sponsor ballot

- For people that are not in the balloting group, feel free to submit comments via the Chair

**IEEE**

# 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.

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# *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.

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# 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 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**

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# Use of photographic/recording devices & other techno toys

- **No use may be made of audio or video recording devices to record the proceedings in any 802.1 meetings without the express knowledge and assent of all participants in the meeting.**

- Participants are reminded that the manufacturers of these wonderful new mobile phone objects have, surprisingly, seen fit to supply them with an "off" switch (or at the very least, a "vibrate" setting). **Use of either of these settings would be a considerable courtesy to the speaker and other members of the audience.**

# Presentation materials

- 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

- **Copyright statements or privacy/confidentiality statements of any kind SHALL NOT APPEAR on any contributions to 802, either in emails or in presentation material**

# Future meetings

- September interim: John Messenger is sponsoring a meeting in York (UK) 26th through 29th.
- 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 if this is what we want to do.
- May interim: Have had a suggestion that we could hold one in Korea – not heard anything recently about this though.

# 802 – Overview and Architecture

- Due for maintenance action this year
- Was last revised 2000
- Needs one of the following:
  - Reaffirmation – Plausible
  - Revision would be nice, but there's a lot of other stuff going on right now.
- Views?

# What do we want to do about Link Agg?

- Currently in 802.3 standard
- Moving it to an 802.1 standard would make sense from an architectural/re-use point of view
- Bob Grow plans to float this in .3 this week and gauge reaction.

# Use of reserved addresses

■ There is a need to fix the allocation of reserved addresses for the benefit of (at least!):

  – 802.17 (prevent stuff leaving a ring via a Bridge)

  – 802.1aj (what does/does not pass through a TPMR)

  – 802.1AB (ensure that AB can be used sensibly with all that is under development right now)

  – AVB/IEEE 1588

  – ...what else???

■ I believe we need to reach a conclusion on this issue during the course of the week.

# Imminent Sponsor ballots

- I have asked for an "invitation to ballot" to be issued for P802.1ag as this is getting close to Sponsor ballot

- How close are we with the other projects? Any likely to need a SB starting before November?

# VLAN Cross Connect

- Nurit Sprecher would like resolution of whether or not 802.1 will initiate new work in this area

- As she (and some colleauges) will not be present on Thursday, she has asked that the discussion and any subsequent motion be taken during the opening plenary

# Exec stuff

# TG agendas