802.1 Plenary - 07/2011

Opening Agenda

General information...

- See:

http://www.ieee802.org/1/files/public/minutes/802-1-general-info-v3.pdf

Decorum

- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (2008 SASB Op Manual 5.3.3.5)
- Photography or recording by permission only (2008 SASB Op Manual 5.3.3.4)
- Cell phone ringers off please

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 guest room network access

- Attendees staying at either of the Hyatt hotels at the group rate can access the hotel network for free using the username/password provided on checkin.

802.1 officers etc

- **Officers**
  - Chair: Tony Jeffree
  - Vice Chair: Paul Congdon
  - Recording Secretary: Eric Gray
  - 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

The following are 802.1 voters:

Alon, Zehavit
An, Yafan
Ao, Ting
Ashwood-Smith, Peter
Boiger, Christian
Bottorff, Paul
Brandner, Rudolf
Carlson, Craig
Congdon, Paul
Desanti, Claudio
Ding, Zhemin
Eastlake, 3rd, Donald
Farkas, Janos
Fedyk, Donald
Finn, Norman
Ganga, Ilango
Garner, Geoffrey

Ghanwani, Anoop
Gray, Eric
GU, Yingjie
Gunther, Craig
Haddock, Stephen
Hayakawa, Hitoshi
Jeffree, Anthony
Keen, Hal
Kim, Yongbum
Klein, Philippe
Kleineberg, Oliver
Krause, Michael
li, lin
Lynch, Jeff
Mack-Crane, Ben
Messenger, John
Morris, John
Multanen, Eric

Olsen, David
Pannell, Donald
Parsons, Glenn
Pelissier, Joseph
Raeber, Rene
Randall, Karen
Romascanu, Dan
Rouyer, Jessy
Saltsidis, Panagiotis
Seaman, Michael
Sharma, Rakesh
Stanton, Kevin
Sultan, Robert
Teener, Michael
Thaler, Patricia
Tumuluri, Chait
Vissers, Maarten

The following will become voting members when/if they show up here this week:

Cummings, Rodney
Gumaste, Ashwin
Martin, David
Sajassi, Ali

The following could become voting members if they email me indicating their intention to do so and if they show up here this week:

Bond, David

Bragg, Nigel

Dabagh, Alireza

Goetz, Franz

Goodwin, Michele

Gravel, Mark

Joshi, Mandar

Kashyap, Prakash

Kelsen, Michael

Kim, Taeeun

Kjendal, David

Lapuh, Roger

Lemon, John

Li, Yizhou

Nakagawa, Yukihiro

Pearson, Mark

Roese, Josef

Shao, Hong

Tanaka, Jun

Wei, Yuehua

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**

Slide #1

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

Slide #2

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.

Task Group 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

- ## September 2011:
  - Nanjing, 19-22 September, hosted by Ben Mack-Crane/Huawei

  http://ieee802.org/1/files/public/docs2011/admin-mackcrane-sep11-nanjing-meeting-0311.pdf

- ## January 2012:
  - Potential repeat of Hawaii (Kauai) meeting 9-12 Jan
  - http://ieee802.org/1/files/public/docs2011/admin-eastlake-jan-kauai-meeting-0711-v2.ppt

- ## May/September 2012:
  - No offers so far

Exec report

- John Messenger not confirmed as ITU-T liaison for IEEE
- First tutorial this evening – Aloha – will be video recorded for the CHM
- 802.23: Draft produced out of Singapore, further draft out of their interim. Very small participation, few comments on the draft. Not looking at all good for the project's longevity.
- Tues 6-8: Discussion between IEEE staff and 802.
- MyBallot/MyProject feedback: Pat collated a list of issues, 2 items have been fixed and budget has been allocated to fix the rest. Friday 10-11 further discussion.
- SC6: Next meeting is Feb in China. Meeting 4-6 today (& further meetings during the week hosted by 802.11) to discuss pros & cons of submitting standards to SC6 via the PSDO. Other meetings: Tues 4-6 .1X/AE replacement, Weds 8-10 .16/.3 issues. Thursday 10:30-12:30 any motions etc.
- EC "offsite" meeting after November plenary in Atlanta.
- Meeting planner/service provider contract ongoing.
- Standards publishing schedule: Need to resolve how editions are done.
- Standards store: Activity on the new store is steadily increasing. Working on the interface/search functionality
- Top selling standards: .1AS, .11u, .11v, .1Qat
- Treasurer's report
  - Unusual cancellation levels at Singapore, but nonetheless a slight surplus. Attendance circa 700.
  - SFO: estimate 825 attendees.
- 802 O&A: 8-10 Tues & 8-10 Thurs comment resolutions in Golden Gate room (Bay level)
- RAC: OUI registration tiers proposal
  - Maintain existing registries
  - Close IAB12 when full
  - Add new registry for Company ID
  - Add new teirs (smaller numbers of MAC addresses)

Exec report

- **RAC: Virtualization**
  - MAC addresses should be assigned to a single hardware device
  - Is this an issue? (e.g., VMs)
  - Other solutions e.g., leasing style approaches etc.
  - Does the RAC need to do anything? If so, what?
- **P&P:**
  - AudCom have (conditionally) approved our P&P but we haven't approved them yet…need a vote on Friday.
- **Computer soc history committee wants to develop an 802 history brochure**
- **Smart grid – use of wireless tech discussions - Tues PM and Thurs AM in .11**

Liaisons

- Joint meetings
  - Tues 1:30pm interworking/DCB
  - Thurs 8-12:30am 802.11/AVB TG
- Any external liaison contributions that have been circulated recently?
- 802.11 SC6 ad-hoc meetings
  - Report back from San Diego SC6 & future planning…
- Any others?

PARs this week

- 802.1 PARs:
  - 802.1AXbq amendment for distributed resilient network interconnect
  - 802.1ASbt amendment for timing and synchronization for time-sensitive applications
  - 802.1 AS corrigendum
  - 802.1BR new standard for bridge port extension
- Other WG PARs:
  - 802.3bj amendment for 100 Gb/s operation over backplanes and copper cables, PAR and 5C
  - 802.15.4m amendment to 802.15.4 for TV white space PHY, PAR and 5C
  - 802.22 amendment for management and control plane interfaces and procedures and management information base enhancements, PAR and 5C
- http://grouper.ieee.org/groups/802/PARs.shtml

5-year reaffirmation actions

- IEEE Std AE times out in December 2011
    - AEbn now complete; once it has been approved/published we can reaffirm AE along with AEbn.

PAR extensions needed:

- P802
- P802.1AQ

Maintenance

- Maintenance TG meets this evening 6pm – 8pm

802.1aq interop

- Report from Peter Ashwood-Smith

TG agendas