

802.1 Plenary - 07/2012

San Diego

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 the Hyatt at the group rate can access the hotel network at no charge, using:

login name “IEEE2012”

password “hyattsd”

802.1 officers etc

■ Officers

- Chair: Tony Jeffree
- Vice Chair: Glenn Parsons
- 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

Chang, Xin

Cheng, Weiying

Congdon, Paul

Cummings, Rodney

Desanti, Claudio

Ding, Zhemin

Eastlake, 3rd, Donald

Farkas, Janos

Fedyk, Donald

Finn, Norman

Garner, Geoffrey

Ghanwani, Anoop

Goetz, Franz

Gravel, Mark

Gray, Eric

GU, Yingjie

Gunther, Craig

Haddock, Stephen

Hayakawa, Hitoshi

Jeffree, Anthony

Johas Teener, Michael

Jones, Girault

Kamath, Daya

Keen, Hal

Keesara, Srikanth

Kim, Yongbum

Klein, Philippe

Kleineberg, Oliver

li, lin

Lynch, Jeff

Mack-Crane, Ben

Martin, David

Messenger, John

Morris, John

Multanen, Eric

Nakagawa, Yukihiro

Olsen, David

Pannell, Donald

Parsons, Glenn

Pearson, Mark

Pelissier, Joseph

Raeber, Rene

Randall, Karen

Roese, Josef

Romascanu, Dan

Rouyer, Jessy

Sajassi, Ali

Saltsidis, Panagiotis

Seaman, Michael

Seto, Koichiro

Sharma, Rakesh

Shimizu, Takeshi

Stanton, Kevin

Thaler, Patricia

Touve, Jeremy

Vissers, Maarten

Wei, Yuehua

Xiao, Min

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

Booth, Brad

Crupnicoff, Diego

Fredette, Andre

Li, Yizhou

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

Assarpour, Hamid

Bickford, Charles

Bragg, Nigel

Connor, Don

Flaherty, Stephen

Jochim, Markus

Kariya, Kazutoshi

Krause, Michael

Moldovansky, Anatoly

Tanaka, Jun

Unbehagen, Paul

Weber, Karl

Winkel, Ludwig

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.

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 2012:
 - Meeting in Santa Cruz, CA, 10-13th
 - <http://www.ieee802.org/1/private/email2/msg18313.html>
- January 2013:
 - Possible Kauai, possibly joint with 802.3 (Week of 21st)
- May 2013:
 - Possible joint meeting with 802.3, USA hosted by Ethernet Alliance (Week of 13th)
- September 2013:
 - Possible joint meeting with 802.3, China

Christina Boyce

- "Central Desktop" application presso
(11:30)

802.15 mesh

- Clint Powell presso (12 noon?)

802.1 tutorial?

- Some discussion of this during May meeting
- There is a need to educate the other groups as to what 802,1 is about these days
- Potential for a tutorial in November?

Exec report

- Smart grid ECSG – report of interim meeting on the ECSG webpage. Proposal to form a TAG.
- Joint Coordinating Activity – Smart Grid & Home Networking: Will be on the ECSG agenda.
- JTC1/SC6 – continuing ad-hoc meetings this week
- 1905.1: Update on current situation. Potential for 802 to become an entity member – discussion during the week.
- Future Venue Contracts: Slots open for 2015/3 (maybe Singapore), 2017/3&11, 2018/3&11. NNA meetings: 2013 Geneva, 2015 Singapore, 2-14: 1 slot still open.
- Geneva: Working on MOU. \$50K projected deficit which would mostly go away if we had no social. Possible saving if we reduce the # of buildings we use.
- John Messenger confirmed as the IEEE ITU-T rep.
- Changes to EC reflector configuration
- Plenary meeting Host guidelines: being updated
- Single copy sales: Top seller: 802.11. \$5 promotion still running.
- Standards production: continuing to speed up the production process.
- GET 802 program: still running. 802.11 most downloaded. 23480 downloads in June.
- E tools: Various updates/improvements. Central Desktop: Walk in sessions – Weds 10:30 – 11:30 and 1:30 – 2:30.
- Treasurer's report: 80K loss so far this year. Reserve 900K. 570 attendees in Hawaii therefore revenue way down. Expenses reduced as far as possible. Net loss 80K – about 14K more than budgeted. This meeting: probable break even. 796 attendees so far.

Exec report

- Steinmetz award: Looking for suitable candidates.

Liaisons

- Joint meetings
 - Tues 1:30 pm – Interworking/DCB/AVB
 - Weds 8:30-10:30 AVB TG/802.3 – Preemption PAR review)
 - Thurs 8-10 AVB TG/802.11 – architectural issues
 - Thurs AM – Security TG/802.15
 - Thurs 10:30 – noon – 1905.1 liaison presso (Philippe Klein)
- One ITU-T liaison contrib plus some left over from March?
- IEEE 802 JTC1 standing committee meetings
 - Tuesday PM1
 - Wednesday PM1
 - Thursday PM1
- Any others?

802.1Q Revision/802.1D roll-up

- We already have enough amendments to Q to force a revision at the end of 2014
- 802.1D will be due for revision in 2014
- Time to finish rolling 802.1D into 802.1Q & withdraw 802.1D
- Will be further discussion during maintenance meeting Tues PM

PARs this week

- 802.1 PARs:
 - 802.1Q-rev, revision to 802.1Q, incorporate amendments & finish merge with 802.1D
 - 802.1AB Cor-1, fixes for maintenance items
 - Withdraw P802.1AXbq PAR (subsumed by P802.1AX-REV)
- Other WG PARs:
 - 802.16q, amendment for multi-tier networks
 - 802.16.3, new standard for mobile broadband network performance measurements
 - 802.3bm, amendment for 40 Gb/s and 100 Gb/s Operation Over Fiber Optic Cables
 - 802.3bn, amendment for Ethernet Passive Optical Networks Protocol over Coax Networks
 - 802.11aj, amendment for Enhancements for Very High Throughput to support one or more of the Chinese 40-50 GHz and 59-64 GHz frequency bands
- <http://grouper.ieee.org/groups/802/PARs.shtml>

TG agendas