

802.1 Plenary - 03/2013

Orlando

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 Caribe Royale can access the hotel network at no charge

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
- TSN 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:

Ao, Ting
Boiger, Christian
Booth, Brad
Bottorff, Paul
Brandner, Rudolf
Carlson, Craig
Catlin, Jeffrey
Chang, Xin
Cheng, Weiying
Congdon, Paul
Crupnicoff, Diego
Cummings, Rodney
Eastlake, 3rd, Donald
Farkas, Janos
Fedyk, Donald
Finn, Norman
Fredette, Andre
Garner, Geoffrey
Ghanwani, Anoop
Goetz, Franz

Gravel, Mark
Gray, Eric
Grow, Robert
GU, Yingjie
Gunther, Craig
Haddock, Stephen
Hayakawa, Hitoshi
Jeffree, Anthony
Jochim, Markus
Johas Teener, Michael
Jones, Girault
Kamath, Daya
Keen, Hal
Kim, Yongbum
Klein, Philippe
Kleineberg, Oliver
Lynch, Jeff
Mack-Crane, Ben
Messenger, John
Multanen, Eric

Muyshondt, Henry
Olsen, David
Pannell, Donald
Parsons, Glenn
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:

Boehlke, Kenneth
Jakovljevic, Mirko
Schell, Rick
Specht, Johannes
Steiner, Wilfried
Svoboda, James

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

Bickford, Charles

Bragg, Nigel

Flaherty, Stephen

Huang, Lu

Magee, Anthony

Moldovansky, Anatoly

Sathe, Satish

Tanaka, Jun

Tretter, Albert

Unbehagen, Paul

Weber, Karl

Weis, Brian

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

- May 2013:
 - Co-located with 802.3, Fairmont Empress in Victoria BC hosted by Ethernet Alliance (May 14th through 17th)
<http://ieee802.org/1/files/public/docs2012/admin-ea-may12hosting-1112.pdf>
- September 2013:
 - Co-located meeting with 802.3, hosted by John Messenger/Adva, York UK, 3rd-6th
<http://www.ieee802.org/1/files/public/docs2013/admin-messenger-sep13-york-meeting-0213-v01.pdf>
- Jan 2014: 802.11 LA 19th-24th?

802 EC Study Group - OmniRAN

- Presentation – Max Riegel

Exec report

- David Law is now SASB vice-Chair
- Internet of Things initiative soliciting input
- RAC:
 - Bob Grow is new RAC Chair
 - Glen is “Past Chair”
 - OUI Tiers: Consultant has reported & been reviewed.
 - Presented an Internet Draft to IETF last week.
 - New tier between 4000 and 16 million
 - New “Company ID” defined.
- Brian Kiernan receives 2013 Hans Karlsson Award
- Encourage nominations of IEEE senior members for Fellowships
- 802 Chair open office 6:00 to 7:30
- Tutorials:
 - Q Bridging (6:00 – 7:30)
 - Shared 5GHz bands update (7:30 – 9:00)
- O&A meetings 1:30-3 Mon, 10:30-12:30 Thurs
- OmniRAN report
- Rules updates: New “5C” (CSD)
- ISO/IEC: Ad hoc meetings PM1 Tues/Weds/Thurs
 - Starting to send 802 standards to ISO. 802.1X, 802.1AE
 - Agreement re maintenance of these submissions – 802’s responsibility
 - Agree 802 delegates

Exec report

- SA SB draft sharing ad-hoc
 - Sharing drafts between WGs is OK but up to WG to decide when & how much
- Joint meeting with IETF leadership
 - 802.1 experts gave a tutorial to the IETF last week
 - Continued telecons (2 months) & FTF meetings (18 months)
 - Need to update RFC 4441
- Future Plenary venues
 - Possible back to back with Dallas IETF in March 2015
 - NNA venues discussion 12:30 – 1:30 Wednesday. Potential venues:
 - China World Beijing March 2014
 - Barcelona 3 hotels + convention centre 2015
 - Sands Venetian – Macao
 - Marina Bay Sands Singapore
 - Copenhagen Bella Sky hotel & conf centre
 - Gothenburg, Sweden Gothia Towers
 - Berlin
 - Vienna
 - Shanghai
 - Yokohama
 - Vendor contracts status
 - Potential contract preparation is in progress.
 - Geneva 7/2013:
 - mainly as normal
 - No common hotel
 - Meeting rooms in more than one building
 - Some rooms not available in evenings
 - Some rooms open square rather than classroom
 - No social
 - Possible opening plenary/tutorials earlier in the day
 - Refreshments in cafeteria
 - Each WG has a base set of rooms.
 - Registration in Montbrilliant building
- Central Desktop
 - Potentially useful application. Weds 1:00 – 4:00 pm and Thurs 1-5 Christina will be available to discuss.

Exec report

- Treasurers report
 - 2012 end reserve \$1108K
- GET802 program still working well
 - Most requested: 802.11-2012
 - Students still most popular user

Submission of 802.1 standards to ISO/IEC

- 802.1X, 802.1AE already in process
- Need to decide what we do with regard to:
 - 802.1Q
 - 802.1AB (LLDP)
 - 802.1BR (Port extender)
 - 802.1AC (MAC service)
 - 802.1AR (Secure device ID)
 - 802.1AS (Time synch)
 - 802.1BA (AVB systems)
 - 802.1AX (Link Agg)
 - 802 (O&A)

Liaisons

- Joint meetings
 - Tues all day – Interworking/TSN
 - Thurs 8-10 802.1 TG/802.11 – Bridging issues
- Incoming liaisons?
- IEEE 802 JTC1 standing committee meetings
 - Tuesday PM1
 - Wednesday PM1
 - Thursday PM1
- Any others?

802.1Q Revision/802.1D roll-up

- Second draft of Q-REV circulated
- Some issues still to resolve, particularly with regard to which protocols need to be supported in a “D” bridge, and what terminology to use.
- Discussion this week in Interworking

PARs this week

- 802.1 PARs:
 - 802.1Qcb - amendment for Frame Replication and Elimination for Reliability - [PAR](#) and [5C](#)
 - 802 - Standard for Local and Metropolitan Area Networks: Overview and Architecture - [PAR modification request](#)
 - 802.1AC revision PAR
- Other WG PARs:
 - 802.3bm - [PAR modification Request](#) & [Updated 5C](#)
 - 802.3bq - amendment for 40GBASE-T, [PAR](#) and [5C](#)
 - 802.15.4p - [PAR modification Request](#)
 - 802.21c - PAR Extension
 - <http://grouper.ieee.org/groups/802/PARs.shtml>

TG agendas