

# 802.1 Plenary - 11/2012

## San Antonio

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 “Welcome”

password “Guest”

# 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

Booth, Brad

Bottorff, Paul

Brandner, Rudolf

Carlson, Craig

Chang, Xin

Cheng, Weiying

Congdon, Paul

Crupnicoff, Diego

Cummings, Rodney

Desanti, Claudio

Eastlake, 3rd, Donald

Farkas, Janos

Fedyk, Donald

Finn, Norman

Fredette, Andre

Garner, Geoffrey

Ghanwani, Anoop

Goetz, Franz

Gravel, Mark

Gray, Eric

GU, Yingjie

Gunther, Craig

Haddock, Stephen

Hayakawa, Hitoshi

Jeffree, Anthony

Jochim, Markus

Johas Teener, Michael

Jones, Girault

Kamath, Daya

Keen, Hal

Keesara, Srikanth

Kim, Yongbum

Klein, Philippe

Kleineberg, Oliver

Lynch, Jeff

Mack-Crane, Ben

Martin, David

Messenger, John

Morris, John

Multanen, Eric

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:

Grow, Robert

Muysbondt, Henry



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

Catlin, Jeffrey

Flaherty, Stephen

Huang, Lu

Jakovljevic, Mirko

Joshi, Mandar

Moldovansky, Anatoly

Tanaka, Jun

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](mailto: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.**

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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

- January 2013:

- Co-located with 802.11, Jan 14-17, Vancouver Hyatt
- Registration/hotel details:

[http://www.ieee802.org/11/Meetings/Meeting\\_Plan.html](http://www.ieee802.org/11/Meetings/Meeting_Plan.html)

- May 2013:

- Co-located with 802.3, Fairmont Empress in Victoria BC hosted by Ethernet Alliance (Week of May 13<sup>th</sup> through 17<sup>th</sup>)

<http://ieee802.org/1/files/public/docs2012/admin-ea-may12hosting-1112.pdf>

- September 2013:

- Possible co-located meeting with 802.11, China Sept 15-20
- Possible co-located meeting with 802.3, York UK, 2<sup>nd</sup>-6<sup>th</sup>



# 802.1 tutorial - DETERMINISTIC 802 NETWORKING

- Monday 6:00-7:30 PM

# Exec report

- P1900.4.1 optimized radio resource usage – if there is interest, EC will contact WG leadership to establish a liaison
- P802 O&A: 1:30 – 3:30 today and 10:30 – 12:30 Thurs
- 802.24 Smart Grid – meeting this week & running chair elections – doesn't seem to be anyone from 802.1 involved.
- P&P update – ongoing, new version of 5c: <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0056-02-00EC-proposed-5c.pdf> Comments to James Gilb by 5pm Tuesday
- JTC1 ad-hoc: 1) 802.11 sent to ISO for ballot – has passed. 2) Working on agreement between JTC1 and IEEE: JTC1 gives IEEE responsibility for revision of our IS-ized standards. We need to put forward a process for SC6 NBs to participate in our ballots. 3) Various replacement projects – ongoing discussions. Standing committee meetings PM1 Tues, Weds, Thurs
- 802 Leadership workshop – Saturday
- Sharing of documents between individual & entity-based WGs: discussions ongoing
- Joint 802/IETF meeting: Cooperation improving. F2F meeting held in July, one planned for March, ongoing telecons. RFC 4441-bis
- Future meeting venue contract status: Various juggling to make space for NNA meetings in 2014 and 2016. Jan 2015 and Jan 2016 will be 802-sponsored interims in Atlanta. Weds 12:30-1:30 for discussion of venues
- Geneva – meeting fee likely to be ~\$400. Hotels should be booked early – no room blocks so you're on your own. No F&B or social.
- Host guidelines document updated – if your organization is interested in sponsoring an 802 Plenary please let me know.

# Exec report

- Treasurer's report: Reserve broadly unchanged over last 6 months. Surplus of -14K in San Diego. 2011 audit passed. 704 attendees so far in San Antonio. Expected loss of ~8k. ~16K spent on Geneva site surveys. Reserve ~933K.
- University outreach: 0 registrations so far, but this is likely to change.
- CD ROM: Now a DVD. In future will include all standards published up to Sep 30.
- Disaster recovery: Gil Santiago (corporate IT) will hold an open office 8:30-10:30, 12-1, 3-4 Tues and Weds, Seguin B, 4<sup>th</sup> level.
- OUI registries: See Glen's presso later
- 802 task force: 10:00am to 1:00pm Thurs, Crocket A

# IEEE IT disaster recovery

- May be some while before the IT systems are straightened out
- Some email ballots/other emails may be missing from the website email archive – please check & re-submit if necessary

# Rules: Proposed new 5C

- <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0056-02-00EC-proposed-5c.pdf>
- Comments to James Gilb by 5pm Tuesday

# RAC – new pricing structure

- It'll all end in tiers...

# 1905.1 recirculation

- Recirculation (2<sup>nd</sup>) is in progress – closing date is 23<sup>rd</sup> November
- Access to the draft can be made available (contact me)

# P1900.4.1

- Standard for Interfaces and Protocols Enabling Distributed Decision Making for Optimized Radio Resource Usage in Heterogeneous Wireless Networks draft is about to enter sponsor ballot.
- Anyone interested in reviewing/commenting on this draft?



# Liaisons

- Joint meetings
  - Tues 1:00 pm – Interworking/AVB
  - Thurs 8-10 802.1 TG/802.11 – architectural issues
- Three ITU-T liaison contrib plus 1 or 2 from MEF
- IETF – TRILL have adopted an OAM framework draft
- IEEE 802 JTC1 standing committee meetings
  - Tuesday PM1
  - Wednesday PM1
  - Thursday PM1
- Any others?

## 802.1Q Revision/802.1D roll-up

- I now have an almost complete roll-up of Q + amendments/corrigenda
- Some minor editorials to fix
- Expect to release this as Q-2012 Edition this week
- This will form the starting point for the Q Revision project

# PARs this week

- 802.1 PARs:
  - 802.1ACby - MOST amendment to AC
  - 802.1Qbz - 802.11 Bridging
  - 802.1Qca - SPB Path Control and Reservation
- Other WG PARs:
  - 802.16r - amendment for Small Cell Backhaul (SCB) Applications
  - 802.11ak - amendment for Global Link
  - 802.11aq - amendment for Pre-association Discovery (PAD)
  - 802.15.4q - amendment for Ultra Low Power
  - 802.22.1a - amendment for Advanced Beaconing
  - 802.3bj - PAR modification request & Updated 5C
  - 802.3bp - amendment for 1 Gb/s Operation over Fewer than Three Twisted Pair Copper Cable
  - 802.21 - revision PAR for IEEE Std 802.21-2008
  - 802.21.1 - standard for Media Independent Services

<http://grouper.ieee.org/groups/802/PARs.shtml>

# TG agendas