

802.1 Plenary - 03/2012

Hawaii

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 Hilton at the group rate can access the hotel network at no charge, using promotion code “IEEE802Group”
- (see next slide)

Connect To Internet Using Promotion Code

- Turn on laptop and login as necessary.
- Connect Ethernet cable to port on laptop.
- Open Internet browser. Login page should appear. If guest has problems getting to this page, please connect them to Stay Connected Support, ext. 1458 *OR* 1-877-474-2411.
- Guest must click on the option “I have a coupon code/promotion code”
- A box will appear below that option where guest can enter the promotion code. Codes are case sensitive.
- Guest must check the “I agree to the Terms of Service” policy before selecting the Next button.
- If guest has entered a valid promotion code, the “connected” screen will appear showing the expiration date of their access code and the cost, if any.

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/>

The following are 802.1 voters:

Alon, Zehavit

An, Yafan

Ao, Ting

Ashwood-Smith, Peter

Boiger, Christian

Bottorff, Paul

Brandner, Rudolf

Carlson, Craig

Cheng, Weiying

Congdon, Paul

Cummings, Rodney

Desanti, Claudio

Ding, Zhemin

Eastlake, 3rd, Donald

Farkas, Janos

Fedyk, Donald

Finn, Norman

Ganga, Ilango

Garner, Geoffrey

Ghanwani, Anoop

Goetz, Franz

Gravel, Mark

Gray, Eric

GU, Yingjie

Gunther, Craig

Haddock, Stephen

Hayakawa, Hitoshi

Jeffree, Anthony

Keen, Hal

Keesara, Srikanth

Kim, Yongbum

Klein, Philippe

Kleineberg, Oliver

Krause, Michael

li, lin

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

Sultan, Robert

Teener, Michael

Thaler, Patricia

Tumuluri, Chait

Vissers, Maarten

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

Chang, Xin

Crupnicoff, Diego

Jones, Girault

Kamath, Daya

Kumar, Vinod

Li, Yizhou

Xiao, Min

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

Agarwal, Puneet

Assarpour, Hamid

Bickford, Charles

Bragg, Nigel

Connor, Don

Dabagh, Alireza

flaherty, stephen

Gilman, Evan

Joshi, Mandar

Kariya, Kazutoshi

Kim, Taeun

Lapuh, Roger

Moldovansky, Anatoly

Nakagawa, Yukihiro

Shao, Hong

Tanaka, Jun

Touve, Jeremy

Weber, Karl

Wei, Yuehua

Chair/Vice-Chair elections

- These elections will take place during the closing 802.1 Plenary on Thursday afternoon
- Nominations are invited at any time from now until the start of the closing 802.1 Plenary
- The existing Chair intends to stand for re-election; however, this does not preclude other nominations
- If there are multiple nominees for a post, then an election will take place in which only 802.1 voters participate and in which each voter casts a single vote for their preferred candidate. To win the election, a majority of voters present in the room is required. If a majority is not achieved, then the candidate with the least number of votes is eliminated and the vote re-taken.
- A motion to approve the winning candidate (in the case of an election) or the single nominee (in the event that there is only one candidate for the post) will then be made and voted upon by 802.1 voting members.

Chair/Vice-Chair - Nominations

- Chair:
 - Tony Jeffree
 - Others?
- Vice-Chair:
 - Glenn Parsons
 - John Messenger
 - Others?

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 2012:
 - York, UK, 15-18th
 - <http://iee802.org/1/files/public/docs2012/admin-messenger-may12-york-meeting-0112-v01.pdf>
- September 2012:
 - Potential meeting in Santa Cruz, CA, 10-13th
 - <http://www.iee802.org/1/private/email2/msg18313.html>
- January 2013:
 - Proposal for Kauai week of 14-17 Or 22-25

Exec report

- Memorials for Jim Carlo & Don Loughry
 - Flowers & charitable donations sent
 - There will be books to sign & we are also collecting memories at the websites notified in recent weeks
- Election process for EC members
 - Any WG Chair/VC appointees need to provide EC Recording Sec with necessary paperwork (letter of support, declaration of affiliation)
 - Appointed EC members if Paul Nikolich remains as Chair: 1st VC: Thaler, 2nd VC Gilb, Exec Se: Rosdhal, Rec Sec: D'Ambrosia, Treasurer: Chaplin, Member Emeritus: Thompson, meeting manager: Rigsbee
- JTC1 ad hoc update
 - 3 JTC1 ad hoc sessions during the week – Tues, Weds & Thurs 1:30-3:30 Kona 2, tues: 802.1/.3 related topics
 - Next JTC1 meeting is September
 - Proposal from 802 were accepted
 - Outline for a MoA between 802 and JTC1 SC6 to restrict the SC6 community wrt editing our standards. Official questions received from SC6 which we are obligated to respond to along with a draft MoU, hopefully to be signed in September.
 - WAPI project cancelled
 - 802.1X-related projects discussed, no specific resolutions
- EC polls on meeting organization – will be opened up to wider 802 participation
- Network RFP issued; awaiting contract
- Future venues –
 - open slots 03/15, 03/17, 11/17, 03/18, 11/18
 - Geneva 07/13 draft moU due this week
 - No hotel block – list of hotels on ITU list
- 802 task force Thurs 10-noon 802 boardroom (Waters Edge)
 - Legal risk policy, Single copy sales, Editions & consolidations, Etools,...

Exec report

- Downloads – all 802 standards now available for \$5 download
- Treasurers report
 - November: 747 registrations so slight shortfall on income. Net pretty much on budget. Reserve is healthy (1.4M). Geneva may put a 500K dent in it.
 - March: 650 attendees. Mon through Thurs lunches available.
- E Tools:
 - various updates.
 - Looking at new version of lmat.
 - Web accounts will change to use email address not used ID
 - Web accounts that appear inactive & haven't transitioned to an email address may be retired.
- Student outreach – intent is to encourage participation in 802 by students local to the meeting venue.
- O&A update: Ballot has closed, 100 comments, will try to fix 23 technicals this week & aim for conditional Sponsor ballot approval. BRC – Waters Edge boardroom. Meetings are Mon 19:00, Tues 14:00, Thurs 08:00.
- P&P updates – ongoing, result of actions from the EC workshop
- 802.15.6 appealing the action of EC in forwarding it to RevCom for approval & the action of the BRC. Hearing will be held in July meeting.
- EC meetings for the week – will circulate the schedule.

Liaisons

- P1905.1 liaison appointment (Philippe Klein)
- Joint meetings
 - Tues, Weds, Thurs 1:30 – SC6 issues (hosted by 802.11)
 - Tues 1:30 pm – All 802.1
 - Weds 9:00-10:30 AVB TG/802.3 (Preemption PAR review)
 - Thurs 8-12:30 AVB TG/802.11
- Various external liaison contributions that have been circulated recently (6 ITU-T, 1 IETF)
- Any others?

PARs this week

- 802.1 PARs:
 - 802.1AX-rev, revision to 802.1AX link aggregation
 - 802.1Qbu, amendment for frame preemption
 - 802.1AEbw, amendment for extended packet numbering
 - 802.1Xbx, amendment for MAC security key agreement protocol (MKA) extensions
 - 802.1Qbv, amendment for enhancements for scheduled traffic
- Other WG PARs:
 - 802.3bk, amendment for extended Ethernet Passive Optical Networks (ExEPON)
 - 802.21d amendment for multicast group management
 - 802.15.4n amendment for China medical band
 - 802.15.4p amendment for positive train control (PTC)
 - 802.15.8 new standard for peer aware communications (PAC)
- <http://grouper.ieee.org/groups/802/PARs.shtml>

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
- May be a good opportunity to finish rolling 802.1D into 802.1Q & withdraw 802.1D
- Issues? Process?

Maintenance Task Group

- Meeting Schedule
 - Proposed: Wednesday 4PM, Room – Kings 1 (Interworking room)
 - NOT holding originally scheduled meeting on Tuesday evening
- Goals
 - Q-Cor-2 ballot resolution
 - Review detailed responses from phone conference
 - Steve Haddock proposal for 0025
 - Agreement on path for 0027
 - Ben Mack-Crane proposed text for 0029
 - Document resolution to items being left for future work
 - Items 0023 and 0026
- Current TG Delegates:
 - Interworking: Norm Finn
 - DCB: Anoop Ghanwani
 - AVB: Geoff Garner
 - Security: TBD
 - Others requested: TG Chairs, technical experts

Maintenance Report

<u>Detailed Totals</u>	<u>Summary Totals</u>
<u>Detailed Totals</u>	<u>Summary Totals</u>
A = 0	Ready for ballot = 7
B = 7	Balloting = 9
CB = 0	Approved = 0
CE = 0	Awaiting clarification = 0
E = 0	Errata = 0
F = 0	To be categorised = 8
I = 0	Review by Technical experts = 0
J = 1	Withdrawn = 0
P = 0	Rejected = 1
R = 8	Published = 0
S = 0	
T = 0	Total = 25
V = 9	
W = 0	
Errors = 0	
	Open = 24
Total = 25	

Code	Description	Code	Description	Code	Description
A	Approved in Ballot	F	Failed in ballot	S	Published in Errata Sheet
B	Awaiting Ballot	I	Incomplete	T	Awaiting Technical Experts
CB	Awaiting change text -Ballot	J	Rejected	V	Balloting

TG agendas