

802.1 Plenary - 07/2012

San Diego

Closing Agenda

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

Administrative stuff – Upload area

- Website – New Upload area

- The new file upload facility can be accessed from the file naming conventions page at:

- <http://ieee802.org/1/filenaming.html>

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

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 - 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.
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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.

Future interim meetings

- September 2012:
 - Meeting in Santa Cruz, CA, 10-13th
 - <http://www.ieee802.org/1/private/email2/msg18313.html>
- January 2013:
 - Co-located with 802.11, Jan 14-18, Vancouver Hyatt
- May 2013:
 - Co-located with 802.3, USA hosted by Ethernet Alliance (Week of May 13th)
- September 2013:
 - Possible co-located meeting with 802.3, China
 - Possible co-located meeting with 802.11, China Sept 15-20

Sanity check – current workload

Project	Subject	Stage	Draft#	Next action	PAR ends
802	O&A	Sponsor ballot	D1.4	1st ballot	Dec '13
802.1AC	MAC Service	RevCom	D2.1	Finished	Dec '12
802.1Qbp	ECMP	TG ballot	D1.0	Ballot	Dec '15
802.1AX-REV	Link Aggregation	TG ballot	D0.2	Ballot	Dec '15
802.1ASbt	Time synch enhancements	Pre-draft	-		Dec '15
802.1AS Cor-1	Time synch corrections	WG ballot	D1.2	1st ballot	Dec '15
802.1Q Cor-2	Tech & Ed Corrections	Sponsor ballot	D2.0	Recirc, conditional ->RevCom	Dec '16
802.1Qbu	Frame preemption	Pre-draft	-		Dec '16
802.1Qbv	Scheduled traffic	Editor's draft	D0.0	Second editor's draft	Dec '16
802.1AEbw	Extended packet numbering	Sponsor ballot	D1.0	1st ballot	Dec '16
802.1Xbx	MKA extensions	Draft	D0.1	TG/WG ballot	Dec '16
802.1Q-REV	Bridging revision	PAR submission			
802.1AB Cor-1	Technical & Editorial corrections	PAR submission			

TG reports

- Interworking
- Security
- AVB
- DCB
- Maintenance

Motions

MOTION

- 802.1 approves the March 2012 and May 2012 minutes:

<http://www.ieee802.org/1/files/public/minutes/2012-03-minutes.pdf>

<http://ieee802.org/1/files/public/minutes/2012-05-minutes.pdf>

Proposed: Gray Seconded: pannell

- Approved by acclamation

MOTION

- 802.1 resolves to hold pre-meeting(s) on the Monday morning of the November 2012 plenary session.
 - Proposed: haddock
 - Second: gray
- Approved by acclamation

MOTION

- 802.1 resolves to hold an interim meeting in Vancouver BC, 14 To 18 January 2013, co-located with 802.11
- Proposed: Messenger
- Second: thaler
- For__39__Against_0_Abstain_1__

MOTION

- 802.1 resolves to hold an interim meeting, week of 13 May 2013, co-located with 802.3, location TBA
- Proposed: Gray
- Second: thaler
- For__33__Against_1_Abstain_2_

MOTION

- 802.1 requests approval by IEEE 802 LMSC to form a Study Group on enabling the use of 802.11 (including consideration of infrastructure BSS, PBSS, and IBSS associations) as general transit links capable of supporting 802.1 bridging, with the intent of creating a PAR and five criteria.
- Proposed: Finn
- Second: mack-crane
- For__36__Against_0__Abstain_5__

- EC proposed: Jeffree Second: Thaler
- For____Against____Abstain_____

MOTION

- Motion: The .1/.11 Bridging Study Group will hold teleconferences bi-weekly at 8:00AM (US Pacific) Mondays. Access information will be sent to the 802.1 reflector after the plenary, time/day to be confirmed with 802.11 and adjusted if necessary
- Proposed: Finn
- Second: romascanu
- 26/0/10

MOTION

- To ask the 802.1 liaison to IEEE 1905.1 to ask the 1905.1 group to allow 802.1 access to their draft standards so that 802.1 can comment on them.
- Moved: Pannell
- Second: messenger
- Y: 27 N: 0 A:4

Motions - Maintenance

MOTION

- Motion: Authorize teleconference meeting of the maintenance task group with access information to be sent to the 802.1 reflector 21 days prior.
- Proposed: Parsons
- Second: gray
- Approved by acclamation

MOTION

- 802.1 requests conditional EC approval to forward P802.1Q/Cor-2 to RevCom
- Proposed: parsons
- Second: messenger
- For_31___Against_0___Abstain__0___
- EC proposed: Jeffree Second: Thaler
- For___Against___Abstain___

Motion

- 802.1 requests EC approval to forward the P802.1Q Revision PAR to NesCom.
- Proposed: Parsons
Second: gray
- For: 18 Against: 0 Abstain: 0

- EC Proposed: Jeffree Second: Thaler
- For: Against: Abstain:

Motion

- 802.1 requests EC approval to forward the P802.1AB Corrigendum 1 PAR to NesCom.
- Proposed: Parsons
Second: gray
- For: 29 Against: 0 Abstain: 1

- EC Proposed: Jeffree Second: Thaler
- For: Against: Abstain:

Motion

- 802.1 requests EC approval to withdraw the P802.1AXbq PAR.
- Proposed: Parsons
Second: finn
- For: 32 Against: 0 Abstain: 0

- EC Proposed: Jeffree Second: Thaler
- For: Against: Abstain:

Motions - AVB

MOTION

- Motion: The AVB TG will continue to have teleconferences weekly at 9AM (US Pacific) Wednesdays for AVB general topics. Access information will be sent to the 802.1 reflector immediately after the plenary.
- Proposed: Johas Teener
- Second: garner
- Approved by acclamation

Motion

- Authorize the September interim to generate a PAR and 5C for pre-circulation to the EC for an amendment to 802.1Q: protocol and management procedures for time-sensitive services and path reservation based on 802.1aq and IS-IS.
- Proposed: Johas Teener
Second: finn
- For: 31 Against: 0 Abstain: 6

Motion

- AS Cor-1 to WG ballot.
- Proposed: Johas Teener
Second: thaler
- For: 31 Against: 0 Abstain: 5

Motions - DCB

MOTION

- Authorize DCB teleconference with access information to be sent to the 802.1 reflector immediately after the plenary. The calls will be used to discuss possible new work.
 - 7 August 2012 and 9 October 2012
8 AM – 10 AM (US Pacific)
- Proposed: thaler
- Second: jeff lynch
- Approved by acclamation

Motions - Interworking

MOTION

- Motion: The Interworking TG will have teleconferences at 7:00AM (US Pacific) Thursdays bi-weekly for AX-REV.
- Proposed: Haddock
- Second: Finn
- ABA

MOTION

- 802.1 authorizes the editor of P802.1AX-REV (Norm Finn) to prepare a draft for Task Group balloting.
- Proposed: Haddock Second: Finn
- For__33__Against__0_Abstain_0__

MOTION

- 802.1 authorizes the editor of P802.1Qbp ECMP (Ben Mack-Crane) to prepare a draft for Task Group and Working Group balloting.
- Proposed: Haddock Second: Mac-Crane
- For__32__Against_0__Abstain__2__

MOTION

- 802.1 requests EC approval to submit P802.1AC to RevCom.
- Proposed: Haddock Second: Messenger
- For__35__Against_0__Abstain__1__
- EC proposed: Jeffree Second: Thaler
- For____Against____Abstain_____

MOTION

- 802.1 approves the response to the ITU liaison o/s 358 (OTNT Standardization Work Plan).
- Proposed: Haddock Second: Parsons
- For_33____Against__0__Abstain__1__

MOTION

- 802.1 approves the response to the ITU liaison o/s 378 (Multipoint Protection Switching).
- Proposed: Haddock Second: Parsons
- For__23__Against__0__Abstain__6__

MOTION

- Authorize the September Interim to draft a PAR and 5C, for precirculation to the EC, for an amendment to 802.1AC for support of the ISS by MOST.
- Proposed: Second:
- For__18__Against_2__Abstain__7__

Motions - Security

As required to request/ authorize:

- 802.0 approval to forward P802.1AEbw D1.0 to Sponsor ballot
- 802.1 Security TG telecon's to resolve sponsor ballot comments on P802.1AEbw, to resolve TG & WG ballot comments on P802.1Xbx, and to develop further drafts of P802.1Xbx.

NOTE: A motion instructing the P802.1Xbx editor, M. Seaman, to prepare drafts for TG and WG balloting was approved in the March plenary.

MOTION

- 802.1 requests EC approval to submit P802.1AEbw D1.0 to Sponsor Ballot.
- Proposed: Seaman Second: Randall
- For__31__Against__0_Abstain__1__

- EC proposed: Jeffree Second: Thaler
- For____Against____Abstain_____

[P802.1AEbw D1.0 (MAC Security: Amendment— Extended Packet Numbering) passed WG & WG recirc ballots: 68 voters, 47 responding (69% response), 28 approve (100%), 0 disapprove (no negative comments), 19 abstentions.]

MOTION

- 802.1 authorizes the chair of the Security TG, Mick Seaman, to hold conference calls (subject to notice of at least 21 days to the 802.1 email exploder) to resolve sponsor ballot comments on P802.1AEbw, to resolve TG & WG ballot comments on P802.1Xbx, and to develop further drafts of P802.1Xbx.
- Proposed: Seaman Second: Randall
- ABA

Motions – O&A

MOTION

- 802.1 requests EC conditional approval for forwarding P802 O&A to Sponsor ballot.
- Proposed: finn Second: Gray
- For: 26 Against: 0 Abstain: 0

- EC proposed: Jeffree Second: Thaler
- For_____Against____Abstain_____

Motions – Any others?