

# 802.1 Plenary - 11/2011

## Atlanta

Closing Agenda

# 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/>
- Username: p8021 Password: go\_wildcats

# Administrative stuff – Upload area

- Website – New Upload area
  - The new file upload facility can be accessed from the filenaming 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

Congdon, Paul

Cummings, Rodney

Desanti, Claudio

Ding, Zhemin

Eastlake, 3rd, Donald

Farkas, Janos

Fedyk, Donald

Finn, Norman

Ganga, Ilango

Garner, Geoffrey

Ghanwani, Anoop

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

Sharma, Rakesh

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

Cheng, Weiying

Gale, Benjamin

Jones, Girault

Kamath, Daya

Kumar, Vinod

Li, Yizhou

Shimizu, Takeshi

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

Allan, David

Bickford, Charles

Bond, David

Bragg, Nigel

Connor, Don

Dabagh, Alireza

Goetz, Franz

Kariya, Kazutoshi

Kelsen, Michael

Kim, Taeun

Lapuh, Roger

Lemon, John

Moldovansky, Anatoly

Nakagawa, Yukihiro

Seto, Koichiro

Shao, Hong

Tanaka, Jun

Unbehagen, Paul

Wei, Yuehua

# 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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  - 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.
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- 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.

# Future interim meetings

- January 2012:

- Munich, 16-19 hosted by Rudi Brandner/Nokia-Siemens
- <http://iee802.org/1/files/public/docs2011/admin-brandner-jan12-munich-meeting-1111.pdf>

- May 2012:

- York, UK, 15-18<sup>th</sup>
- <http://iee802.org/1/files/public/docs2011/admin-messenger-may12-york-meeting-1111-v01.pdf>

- September 2012:

- Potential meeting in Santa Cruz, CA, 10-13<sup>th</sup>
- <http://www.iee802.org/1/private/email2/msg18313.html>

# 2012 March meeting – Lunch choices

- Choice 1: Lunch provided, (\$200 mtg fee increase)
- Choice 2: Lunch provided, (\$100 mtg fee increase, plus subsidy from the 802 Operating Reserve) (Buffet style -- similar to what has been done during the Wireless Interims).
- Choice 3: Grab and go lunch - paid for by the attendee -- (unknown specific cost -- 802 minimum guarantee ).
- Choice 4: Extend lunch time (WG basis/choice) to allow folks to go to the hotel restaurants or malls that are about 1 mile away.
- Straw poll: (1): 2      (2): 7      (3): 30      (4): 7

# Chair/Vice-Chair elections

- These elections will take place during the closing 802.1 Plenary in March 2012
- Nominations are invited at any time from now until the start of the closing 802.1 Plenary in March 2012
- 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 elections

- From 802 Operations Manual clause 3.2.1:
- “An individual who has served as Chair or Vice Chair of a given WG for a total of five terms or part-terms in that office may not run for election to that office again, unless the WG has passed a motion, one plenary in advance of the election, permitting that individual to stand for re-election.
- For this motion to pass, 75% or greater approval of the voting membership present in the meeting is needed.”

## 802.15 KMP par

- Comments sent after discussion on the reflector
- Response has been provided by .15 (circulated to the reflector)
- Guidance to the Chair with regard to this item when it comes up at the EC?

# TG reports

- Interworking
- Security
- AVB
- DCB
- Maintenance

# Maintenance Task Group Closing Plenary

Atlanta, GA

Nov 10, 2011

Paul Congdon

# Maintenance Report

<u>Detailed Totals</u>	<u>Summary Totals</u>
<u>Detailed Totals</u>	<u>Summary Totals</u>
A = 0	Ready for ballot = 8
B = 8	Balloting = 4
CB = 0	Approved = 0
CE = 0	Awaiting clarification = 0
E = 0	Erata = 0
F = 0	To be categorised = 1
I = 0	Review by Technical experts = 0
J = 1	Withdrawn = 0
P = 0	Rejected = 1
R = 1	Published = 0
S = 0	
T = 0	Total = 14
V = 4	
W = 0	
Errors = 0	
	Open = 13
Total = 14	

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
CE	Awaiting change text - Errata	P	Published	W	Withdrawn
E	Errata – ballot not required	R	Request Received		

# Key Decisions

- Convert AXbq into a full AX-Rev to incorporate LLDP issues (no impact on AXbk)
  - Addresses: 0005, 0009
- Raise an 802.1Q-2011 Corrigenda to address default traffic class mappings for credit-based shaper (Note: will consider also incorporating known typos)
  - Addresses: 0011, 0012, 0013, 0015, 0017

# Sanity check – current workload

1. 802 O&A – WG ballot. PAR to Dec '13
2. 802.1AC – MAC Service – WG recirc ballot. PAR to Dec '12
3. 802.1aq – Shortest Path – Sponsor ballot. PAR to Dec '12
4. 802.1Qbg – Edge Virtual Bridging – WG recirc. PAR to Dec '13
5. 802.1AXbk – Link Agg addressing – Sponsor ballot. PAR to Dec '14
6. 802.1Qbp – ECMP – Task group ballot. PAR to Dec '15.
7. 802.1AXbq – DRNI – Initial draft. PAR to Dec '15.
8. 802.1BR – Port extenders – WG recirc ballot. PAR to Dec '15.
9. 802.1ASbt – Time synch enhancements – PAR to Dec '15.
10. 802.1AS Cor-1 – Time synch corrections – PAR to Dec '15.
11. 802.1Q Cor-2 – Tech & Ed Corrections – PAR to be submitted
  
12. Published since July: Qaz, BA, Qbb, Qbc, Qbe, AEbn

# Motions



# MOTION

- 802.1 gives permission to Tony Jeffree to run for a seventh term as 802.1 WG Chair in the March 2012 Plenary.
- Proposed: Messenger
- Seconded: Pelissier
- For\_36\_\_\_\_Against\_0\_\_\_\_Abstain\_0\_\_\_\_

# MOTION

- 802.1 approves the July 2011 and September 2011 minutes:

<http://www.ieee802.org/1/files/public/minutes/2011-07-minutes-r1.pdf>

<http://ieee802.org/1/files/public/minutes/2011-09-minutes.pdf>

Proposed: Gray Seconded: Thaler

- Approved by acclamation

# MOTION

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

# MOTION

- 802.1 resolves to hold an interim meeting in York, UK, 15-18th, hosted by John Messenger/ADVA Optical.
- Proposed: Messenger
- Second: congdon
- Approved by acclamation

# 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: Congdon
- Second: Lynch
  - Approved by acclamation

# MOTION

- Motion: 802.1 requests approval from the EC to submit the 802.1Q-2011 Corrigendum draft PAR to NesCom.
- <http://www.ieee802.org/1/files/public/docs2011/new-p802-1q-2011-cor-2-draft-par.pdf>
  
- Proposed: Congdon
- Second: Messenger
  - For: 31
  - Against: 0
  - Abstain: 0
  
  - Passes

# 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: Pannell
- Approved by acclamation

# Motion

- 802.1 authorizes the Chair to pre-circulate the draft PAR and 5 Criteria for "Pre-emption" amendment to 802.1Q to EC, to be prepared during the January 2012 interim.
- Proposed: Johas Teener  
Second: Finn
- For: 21 Against: 0 Abstain: 14
- Motion passes

# Motion

- 802.1 authorizes the Chair to pre-circulate the draft PAR and 5 Criteria for “Time-aware shaper” amendment to 802.1Q to EC, to be prepared during the January 2012 interim.
- Proposed: Johas Teener  
Second: Pannell
- For: 12 Against: 0 Abstain: 21
- Motion passes

# Motions - DCB

# MOTION

- Authorize the following teleconference with access information to be sent to the 802.1 reflector immediately after the plenary. The calls will be used for comment resolution on 802.1Qbg and 802.1BR ballots as needed.
  - EVB ad hoc weekly 8 AM (US Pacific) Tuesdays.
- Proposed: thaler
- Second: Lynch
- Approved by acclamation

# MOTION

- 802.1 requests conditional approval to forward P802.1BR to sponsor ballot.
- Proposed: thaler
- Second: Pelissier
- For: 17 Against: 0 Abstain: 11
- passes
- EC proposed: Jeffree Second: Thaler
- For: XX Against: XX Abstain: XX

# MOTION

- 802.1 requests conditional approval to forward P802.1Qbg to sponsor ballot.
- Proposed: thaler
- Second: lynch
- For: 23 Against: 0 Abstain: 5
- passes
- EC proposed: Jeffree Second: Thaler
- For: XX Against: XX Abstain: XX

# Motions - Interworking



# MOTION

- 802.1 instructs the editor of P802.1aq (Don Fedyk) to prepare a further draft for Sponsor recirculation balloting.
- Proposed: Haddock Second: Fedyk
- For: 26    Against: 0    Abstain: 5
- passes

# MOTION

- 802.1 requests EC approval to submit P802.1AXbk to Sponsor Ballot.
- Proposed: Haddock Second: messenger
- For: 25 Against: 0 Abstain: 5
- passes
- EC proposed: Jeffree Second: XXX
- For: XX Against: XX Abstain: XX

# MOTION

- 802.1 instructs the editor of P802.1AC (John Messenger) to prepare a draft for Working Group recirculation balloting.
- Proposed: Haddock Second: messenger
- For: 27 Against: 0 Abstain: 3

# MOTION

- 802.1 authorizes the editor of P802.1Qbp (Ben Mack-Crane) to prepare a draft for further Task Group balloting.
- Proposed: Haddock Second: Mack-Crane
- For 28 against 0 abstains 5

# MOTION

- 802.1 authorizes the editor of P802.1AXbq (Norm Finn) to prepare a draft for Task Group balloting.
- Proposed: Haddock Second: Finn
- For 28 against 0 abs 5
- passes

# MOTION

- Motion: Authorize the January interim to generate a PAR and 5C's for pre-circulation to the EC for an 802.1AX Revision: Link Aggregation
- Proposed: Congdon
- Second: haddock
  - For: 23
  - Against: 0
  - Abstain: 6

# MOTION

- Motion: The Interworking TG will have teleconferences weekly at 8:30AM (US Pacific) Thursdays for ECMP for SPB.
- Proposed: Haddock
- Second: mack-crane
  - Approved by acclamation

# MOTION

- Motion: The Interworking TG will have teleconferences weekly at 7:00AM (US Pacific) Thursdays for DRNI.
- Proposed: Haddock
- Second: Finn
  - Approved by acclamation



# MOTION

- 802.1 approves the liaison response to ITU-T SG15 documented in liaison\_response\_ols\_274.doc
- Proposed: Parsons Second: haddock
- For 30 Against 0 Abstain 1

# Motions - Security

# MOTION

- 802.1 authorizes the Security Task Group to hold teleconferences (subject to notice of at least 21 days to the 802.1 email exploder) to consider the proposed draft P802.1AExx and P802.1Xyy PARs. The 802.1 Chair is authorized to pre-circulate these (possibly revised) PARs<sup>1</sup> so that they may be considered at the March 2012 meeting for forwarding to NesCom.
- Proposed: \_\_congdon Second: \_\_gray\_\_
- For: 18 Against: 1 Abstain: 10

<sup>1</sup>Drafts previously circulated to the 802.1 email exploder, also at:

<http://www.ieee802.org/1/files/public/docs2011/new-seaman-aebt-draft-par-1111-v01.txt>

<http://www.ieee802.org/1/files/public/docs2011/new-seaman-Xbu-draft-par-1111-v01.txt>

# Motions – O&A

# MOTION

- 802.1 authorizes the Overview & Architecture editor (James Gilb) to develop a further draft for continued WG balloting.
- Proposed: Gilb Second: gray
- For: 25 Against: 0 Abstain: 4

Motions – Any others?