

# 802.1 Plenary - 03/2013

## Orlando

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:

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](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

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

# Report from 802.3 IET (formerly DMLT)

- New name: IET = Interspersing Express Traffic

# 802 EC Study Group - OmniRAN

- The Chair needs guidance as to how to vote on the extension of the SG on Friday
- There appears to be work going on already in 3gpp:

<http://www.3gpp.org/ftp/Specs/html-info/23852.htm>

- What is 802.1's view?

# Meshed Tree Bridging

- We have had a presentation on this which followed an attempt to create a PAR
- What is 802.1's view with regard to how this topic should be handled by the Chair should
  - The authors request further WG time to discuss this, or
  - The authors make overtures to submit a PAR?

# Proposed new 5C's

- <https://mentor.ieee.org/802-ec/dcn/13/ec-13-0009-01-00EC-proposed-5c.pdf>



# Submission of 802.1 standards to ISO/IEC (discuss at 4:15)

- Maintenance TG discussion suggested we submit now:
  - 802.1AS (Time synch)
  - 802.1AB (LLDP)
  - 802.1AR (Secure device ID)
- Submit later (once revisions complete):
  - 802.1Q
    - 802.1BR (Port extender)
    - 802.1AC (MAC service)
    - 802.1BA (AVB systems)
  - 802.1AX (Link Agg)
  - 802 (O&A)

# Sanity check – current workload

<b>Project</b>	<b>Subject</b>	<b>Stage</b>	<b>Draft#</b>	<b>Next action</b>	<b>PAR ends</b>
802	O&A	Sponsor ballot	D1.6	Comment resolution	Dec '13
802.1Qbp	ECMP	WG ballot	D1.3	WG recirc	Dec '15
802.1AX-REV	Link Aggregation	TG ballot	D1.0	TG ballot	Dec '15
802.1ASbt	Time synch enhancements	Pre-draft	-		Dec '15
802.1AS Cor-1	Time synch corrections	Sponsor ballot	D3.0	Sponsor recirc	Dec '15
802.1Qbu	Frame preemption	Pre-draft	-		Dec '16
802.1Qbv	Scheduled traffic	Editor's draft #2	D0.1	Editor's draft #3	Dec '16
802.1Xbx	MKA extensions	Draft	D0.1		Dec '16
802.1Q-REV	Bridging revision	Draft	D0.2	TG ballot	Dec '16
802.1AB Cor-1	Technical & Editorial corrections	Sponsor ballot	D2.0	Sponsor recirc/RevCom	Dec '16
802.1Qbz	802.11 Bridging	Pre-draft	-	Develop initial drafts	Dec '16
802.1Qca	SPB Path Control and Reservation	Editor's draft #1	0.0	Editor's draft #2	Dec '16
802.1CB	Frame Replication and Elimination	PAR precirculated	-	Submit PAR to NesCom	
802.1AC-REV	MAC service	PAR precirculated	-	Submit PAR to NesCom	

# TG reports

- Interworking
- Security
- TSN
- DCB
- Maintenance
- O&A

# Motions

# MOTION

- 802.1 approves the November 2012 January 2013, and February 2013 minutes:

<http://www.ieee802.org/1/files/public/minutes/2012-11-minutes.pdf>

<http://www.ieee802.org/1/files/public/minutes/2013-01-minutes.pdf>

<http://www.ieee802.org/1/files/public/minutes/2013-02-security-tg-minutes.txt>

Proposed: Gray Seconded: messenger

- Approved by acclamation

# MOTION

- 802.1 resolves to hold pre-meeting(s) on the Monday morning of the July 2013 plenary session.
- Proposed: haddock
- Second: Gray
  
- Approved by acclamation

# MOTION

- Considering that:
  - 802.1 considers the scope of the OmniRAN ECSG to be outside the scope of IEEE 802;
  - It would fit in the scope of IETF or 3GPP or BBF;
  - 3GPP SaMOG already has a work item that appears to be covering this work;
- Therefore:
  - 802.1 directs its chair to vote against an extension of the OmniRAN ECSG.
- Proposed: Parsons
- Second: Gray
- For 23 Against 1 Abstain 3

# Motions - Interworking



# MOTION

- Authorize 1-hour teleconferences through the July 2013 Plenary on every other Monday starting 8 April, at 17:00 Eastern US time for 802.11 Bridging study group, access details to be announced on the 802.1 reflector.
- Proposed: Finn
- Second: Haddock
- Approved by acclamation

# MOTION

- 802.1 authorizes the editor of P802.1AX-REV (Panos Saltsidis) to prepare a draft for Task Group balloting.
- Proposed: Haddock Second: Saltsidis
- For\_\_30\_\_Against\_0\_\_Abstain\_0\_\_

# MOTION

- 802.1 authorizes the editor of P802.1Q-REV (Tony Jeffree) to prepare a draft for Task Group balloting.
- Proposed: Haddock Second: Messenger
- For\_30\_\_\_\_Against\_0\_\_Abstain\_0\_\_\_\_

# MOTION

- 802.1 authorizes the editor of P802.1Qbp ECMP (Ben Mack-Crane) to prepare a draft for further Working Group balloting.
- Proposed: Haddock Second: Mack-crane
- For\_\_31\_\_Against\_0\_\_Abstain\_\_2\_\_

# MOTION

- 802.1 authorizes the editor of P802.1Qbz wired/wireless bridging (Norm Finn) to prepare a draft for Task Group balloting.
- Proposed: Haddock Second: Finn
- For\_\_32\_\_Against\_0\_\_Abstain\_\_1\_\_

# MOTION

- 802.1 authorizes the editor of P802.1Qca path control & reservation (Janos Farkas) to prepare a draft for Task Group balloting.
- Proposed: Haddock Second: Farkas
- For\_\_32\_\_Against\_0\_\_Abstain\_\_0\_\_

# Motion

- 802.1 requests EC approval to forward the P802.1AC revision PAR to NESCOM
  - Proposed: Haddock
  - Second: Messenger
  - For Against Abstain
- 
- EC proposed: Jeffree Second: Thaler
  - For\_\_32\_\_Against\_0\_\_Abstain\_0\_\_

# MOTION

- 802.1 approves the response to the MEF liaison L00171-000 (CFM Vendor Specific PDUs).
- Proposed: Haddock Second: Finn
- For\_\_28\_\_Against\_0\_\_Abstain\_\_3\_\_



# Motions - Maintenance

# MOTION

- Authorize the chair to progress with the submission to ISO/IEC JTC1 SC6, through the PSDO process, the following IEEE Standards so that they can become ISO/IEC/IEEE Standards:
  - 802.1AS (Time synch)
  - 802.1AB (LLDP)
  - 802.1AR (Secure device ID)
  
- Proposed: Parsons
- Second: Gray
- For: 27 Against: 0 Abstain: 0
  
- EC proposed: Jeffree                      Second: Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_

# MOTION

- Authorize teleconference meeting of the Maintenance task group on May 3<sup>rd</sup> and July 5<sup>th</sup> at 11am ET.
- Proposed: Parsons
- Second: Gray
- Approved by acclamation

# MOTION

- 802.1 requests EC conditional approval for forwarding P802.1AB-Cor1 to RevCom.
- Proposed: Parsons
- Second: Gray
- For: 29 Against: 0 Abstain: 1
  
- EC proposed: Jeffree Second: Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_\_

# MOTION

- 802.1 authorizes the Chair to request EC approval via EC email ballot for forwarding P802.1AS-Cor1 to RevCom upon completion of sponsor balloting.
- Proposed: Parsons
- Second: Gray
- For: 24 Against: 0 Abstain: 5

# Motions - TSN

# MOTION

- Motion: The TSN TG will continue to have teleconferences weekly at 9AM (US Pacific) Wednesdays for TSN 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

- 802.1 requests EC approval to forward the P802.1CB “Seamless failover via frame replication and duplicate frame elimination for scheduled traffic” PAR to NESCOM
- Proposed: Johas Teener
- Second: Garner
- For 21 Against 1 Abstain 8
  
- EC proposed: Jeffree    Second: Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_\_



# Motion

- 802.1 authorizes the TSN TG to develop a PAR and 5C for “Stream Reservation Protocol (SRP) Enhancements and performance improvements” amendment to 802.1Q at the May interim meeting, and for the Chair to pre-circulate them as per P&P.
- Proposed: Gunther
- Second: Garner
- For 22 Against 0 Abstain 7

# Motions - DCB

# MOTION

- Authorize DCB teleconference with access information to be sent to the 802.1 reflector immediately after the plenary. The call will be used to discuss possible new work.
  - Tuesday 16 April 2013 and Tuesday 18 June 2013  
8 AM – 10 AM (US Pacific)
- Proposed: thaler
- Second: Gray
- Approved by acclamation

# Motion

- 802.1 authorizes the DCB TG to develop a draft amendment PAR/5C for enhancements to DCBX at the May Interim meeting and authorizes the Chair to pre-submit the PAR/5C to the EC in time for the July Plenary.
- Proposed: Thaler
- Second: Gray

For 22 Against 0 Abstain 7

# Motions – O&A

- None

# Motions - Security

Previous meetings have already authorized preparation of P802.1Xbx drafts for TG and WG balloting, and have also authorized telecons to resolve ballot comments and develop further drafts.

So I have just one request for a motion. This is to authorize a telecon to discuss further the SC6 PSDO and (time permitting) to discuss P802.1Xbx. I'm adding this because the timing of this telecon is just too soon to allow me to call it under the usual 21 day rule.

# MOTION

- 802.1 authorizes the chair of the Security TG, Mick Seaman, to hold a conference call on 9<sup>th</sup> April 2013 at 10.00 Pacific time to further discuss the SC6 PSDO progression of 802.1X and 802.1AE and to discuss P802.1Xbx.
- Proposed: Randall Second: Gray
- Approved by acclamation

Motions – Any others?