

802.1 Plenary - 07/2011

San Francisco

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 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

Congdon, Paul

Desanti, Claudio

Ding, Zhemin

Eastlake, 3rd, Donald

Farkas, Janos

Fedyk, Donald

Finn, Norman

Ganga, Ilango

Garner, Geoffrey

Ghanwani, Anoop

Gray, Eric

GU, Yingjie

Gunther, Craig

Haddock, Stephen

Hayakawa, Hitoshi

Jeffrey, Anthony

Keen, Hal

Kim, Yongbum

Klein, Philippe

Kleineberg, Oliver

Krause, Michael

li, lin

Lynch, Jeff

Mack-Crane, Ben

Messenger, John

Morris, John

Multanen, Eric

Olsen, David

Pannell, Donald

Parsons, Glenn

Pelissier, Joseph

Raeber, Rene

Randall, Karen

Romascanu, Dan

Rouyer, Jessy

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:

Cummings, Rodney

Gumaste, Ashwin

Martin, David

Sajassi, Ali

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

Bond, David

Bragg, Nigel

Dabagh, Alireza

Goetz, Franz

Goodwin, Michele

Gravel, Mark

Joshi, Mandar

Kashyap, Prakash

Kelsen, Michael

Kim, Taeun

Kjendal, David

Lapuh, Roger

Lemon, John

Li, Yizhou

Nakagawa, Yukihiro

Pearson, Mark

Roese, Josef

Shao, Hong

Tanaka, Jun

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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 - 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 2011:
 - Nanjing, 19-22 September, hosted by Ben Mack-Crane/Huawei
 - <http://iee802.org/1/files/public/docs2011/admin-mackcrane-sep11-nanjing-meeting-0311.pdf>
- January 2012:
 - Potential repeat of Hawaii (Kauai) meeting 9-12 Jan
 - <http://iee802.org/1/files/public/docs2011/admin-eastlake-jan-kauai-meeting-0711-v2.ppt>
 - Munich 16-19
- May/September 2012:
 - Potential meeting in York, UK, May
 - Potential meeting in Santa Cruz, CA in Sept

802.1aq interop

- Report from Peter Ashwood-Smith

PAR extensions needed:

- P802
- P802.1AQ

TG reports

- Interworking
- Security
- AVB
- DCB
- Maintenance

(IN)Sanity check – current workload

1. 802 O&A – WG ballot. PAR to Dec '11
2. 802.1AC – MAC Service – WG ballot. PAR to Dec '12
3. 802.1aq – Shortest Path – WG ballot. PAR to Dec '11
4. 802.1BA – AVB Systems – RevCom. PAR to Dec '12
5. 802.1Qbf – PBB-TE infrastructure protection – RevCom - PAR to Dec '13
6. 802.1Qbg – Edge Virtual Bridging – WG recirc ballot. PAR to Dec '13
7. 802.1AXbk – Link Agg addressing – WG recirc ballot. PAR to Dec '14
8. 802.1AEbn – MAC sec cypher suite extensions – RevCom. PAR to Dec '15
9. 802.1Qbp – ECMP – Editor's draft. PAR to Dec '15.
10. 802.1AXbq – DRNI – PAR to NesCom.
11. 802.1BR – Port extenders – PAR to NesCom.
12. 802.1ASbt – Time synch enhancements – PAR to NesCom.
13. 802.1AS Cor-1 – Time synch corrections – PAR to NesCom.

Motions

MOTION

- 802.1 approves the March 2011 and May 2011 minutes:

<http://www.ieee802.org/1/files/public/minutes/2011-03-minutes-r1.pdf>

<http://www.ieee802.org/1/files/public/minutes/2011-05-minutes.pdf>

- Proposed: thaler Seconded: gray
- Approved by acclamation

MOTION

- 802.1 resolves to hold pre-meeting(s) on the Monday morning of the November 2011 plenary session.
 - Proposed: haddock
 - Second: gray
- Approved by acclamation

MOTION

- 802.1 resolves to hold an interim meeting in January 2012, week of 16th , in Munich, hosted by NSN/Rudi.
- Proposed: Rudi
- Second: Alon
- Approved by acclamation

Motions - Maintenance

MOTION

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

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: Teener
- Second: Garner
 - Approved by acclamation

Motion

- 802.1 requests EC conditional approval to forward P802.1BA to RevCom following satisfactory completion of Sponsor recirculation balloting.
- Proposed: Teener Second: Garner
- For: 31 Against: 0 Abstain: 2
- EC proposed: Jeffree Second: XXX
- For: XX Against: XX Abstain: XX

Motion

- 802.1 authorizes the Chair to pre-circulate the draft PAR and 5 Criteria for "Pre-emption and fragmentation enhancement to 802.1Q" to EC, to be prepared during the September 2011 interim.
- Proposed: Teener Second: Gunther
- For: 13 Against: 5 Abstain: 14
- Motion fails

Motions - DCB

MOTION

- Authorize the following teleconference with access information to be sent to the 802.1 reflector immediately after the plenary.
 - EVB ad hoc weekly 8 AM (US Pacific) Tuesdays.
- Proposed: thaler
- Second: gray
- Approved by acclamation

MOTION

- 802.1 requests the EC approval to forward the P802.1BR extension PAR to NesCom and to withdraw the P802.1Qbh PAR
- Proposed: thaler
- Second: pelissier
 - For: 13 Against: 1 Abstain: 19
- EC proposed: Jeffree Second: XXX
- For: XX Against: XX Abstain: XX

MOTION

- 802.1 instructs the editor of P802.1Qbg (Tony Jeffree) to prepare a draft for further Working Group recirculation balloting
- Proposed: thaler
- Second: gray
- Approved by acclamation

MOTION

- 802.1 instructs the editor of P802.1BR (Joe Pelissier) to prepare a draft for further Working Group recirculation balloting
- Proposed: thaler
- Second: pelissier
 - Approved by acclamation

Motions - Interworking

MOTION

- 802.1 requests approval from the EC to submit the P802.1AXbq draft PAR to NesCom.
- Proposed: Haddock Second: Finn
- For: 31 Against: 0 Abstain: 2
- EC proposed: Jeffree Second: XXX
- For: XX Against: XX Abstain: XX

MOTION

- 802.1 requests approval from the EC to submit the P802.1aq PAR extension to NesCom.
- Proposed: Haddock Second: Fedyk
- For: 27 Against: 0 Abstain: 1
- EC proposed: Jeffree Second: XXX
- For: XX Against: XX Abstain: XX

MOTION

- 802.1 instructs the editor of P802.1Qbf (Bob Sultan) to prepare a further draft. The Chair is authorized to submit the project for further Sponsor recirculation balloting.
- Proposed: Haddock Second: Sultan
- Approved by acclamation

MOTION

- 802.1 requests conditional approval from the EC to submit P802.1Qbf to RevCom.
 - Conditional on success of the 802.1Qbf recirculation.
- Proposed: Haddock Second: Sultan
- For: 23 Against: 0 Abstain: 2
- EC proposed: Jeffree Second: XXX
- For: XX Against: XX Abstain: XX

MOTION

- 802.1 instructs the editor of P802.1aq (Don Fedyk) to prepare a draft for further Working Group recirculation balloting.
- Proposed: Haddock Second: Fedyk
- Approved by acclamation

MOTION

- 802.1 requests EC conditional approval to submit P802.1aq to Sponsor Ballot.
- Proposed: Haddock Second: Fedyk
- For: 29 Against: 0 Abstain: 1
- EC proposed: Jeffree Second: XXX
- For: XX Against: XX Abstain: XX

MOTION

- 802.1 instructs the editor of P802.1AXbk (John Messenger) to prepare a draft for Working Group recirculation balloting.
- Proposed: Haddock Second: Messenger
- Approved by acclamation

MOTION

- 802.1 requests EC conditional approval to submit P802.1AXbk to Sponsor Ballot.
- Proposed: Haddock Second: Messenger
- For: 27 Against: 0 Abstain: 3
- EC proposed: Jeffree Second: XXX
- For: XX Against: XX Abstain: XX

MOTION

- 802.1 authorizes the editor of P802.1Qbp (Ben Mack-Crane) to prepare a draft for Task Group balloting.
- Proposed: Haddock Second: Mack-Crane
- Approved by acclamation

MOTION

- 802.1 authorizes the editor of P802.1AXbq (Norm Finn) to prepare a draft for Task Group balloting.
- Proposed: Haddock Second: Finn
- Approved by acclamation

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 7:30AM (US Pacific) Thursdays for DRNI.
- Proposed: Haddock
- Second: Finn
 - Approved by acclamation

Motions - Security

MOTION

- 802.1 requests EC approval to forward P802.1AEbn (MAC Security: Amendment— GCM-AES-256 Cipher Suite) to RevCom .
- Proposed: Congdon Second: gray
- For: 24 Against: 0 Abstain: 3
- EC proposed: Jeffree Second: XXX
- For: Against: Abstain:

MOTION

- 802.1 authorizes the Security TG to prepare liaison for SC6 JTC1 in consultation with the members of the IEEE 802 JTC1 ad hoc and authorizes teleconferences to consider such liaison, subject to the usual 15 day notification rule.
- Proposed: Congdon Second: gray
- Approved by acclamation

Motions – O&A

MOTION

- 802.1 authorizes the Overview & Architecture editing group to develop the text of a PAR amendment to update the title, scope, and purpose of the PAR. The Chair is authorized to presubmit the PAR amendment to the EC for the November Plenary.
- Proposed: gray Second: messenger
- For: 30 Against: 0 Abstain: 2

MOTION

- 802.1 requests EC approval to forward the PAR extension for P802 O&A to NesCom.
- Proposed: Congdon Second: gray
- For: 29 Against: 0 Abstain: 1
- EC proposed: Jeffree Second: XXX
- For: Against: Abstain:

Motions – Any others?