



11/08/2016

# 802.1 Plenary – November 2016

## San Antonio, Texas

### Closing Agenda

Glenn Parsons – IEEE 802.1 WG Chair  
[glenn.parsons@ericsson.com](mailto:glenn.parsons@ericsson.com)

# Plenary Agenda

- Call for Patents
- Membership
- Future Meetings
- 802 reports
- TG reports
- Sanity check – current projects
- Liaisons
- Motions

# 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 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 14 and 15 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 [Note: Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2]:
  - “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
  - “Should inform the IEEE (or cause the IEEE to be informed)” of the identity of “any other holders of 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
- 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/develop/policies/bylaws/sect6-7.html#6\*](http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6)

IEEE-SA Standards Board Operations Manual

[\*http://standards.ieee.org/develop/policies/opman/sect6.html#6.3\*](http://standards.ieee.org/develop/policies/opman/sect6.html#6.3)

Material about the patent policy is available at

[\*http://standards.ieee.org/about/sasb/patcom/materials.html\*](http://standards.ieee.org/about/sasb/patcom/materials.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/about/sasb/patcom/index.html\*](http://standards.ieee.org/about/sasb/patcom/index.html)

This slide set is available at  
[\*https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt\*](https://development.standards.ieee.org/myproject/Public/mytools/mob/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.

# 802.1 officers

## ■ Officers

- Chair: Glenn Parsons
- Vice Chair: John Messenger
- Recording Secretary: Jessy Rouyer
- Security TG Chair: Mick Seaman
- TSN TG Chair: János Farkas
- Data Center Bridging TG Chair: Pat Thaler
- OmniRAN TG Chair: Max Riegel
- Maintenance of website: John Messenger & Paul Unbehagen
- Maintenance of Email exploder: Hal Keen

## ■ Website

- <http://www.ieee802.org/1/>

# The following are 802.1 voters:

Baek, SeoYoung  
Bao, Shenghua  
Bierschenk, Jens  
Bjørnstad, Steinar  
Boiger, Christian  
Bottorff, Paul  
Chen, David  
Chen, Feng  
Cheng, Weiying  
Cummings, Rodney  
Farkas, Janos  
Finn, Norman  
Garner, Geoffrey  
Gray, Eric  
Gunther, Craig  
Gutierrez, Marina  
Haddock, Stephen  
Hantel, Mark  
Heffernan, Patrick  
Holness, Marc

Huang, Lu  
Jeffree, Anthony  
Johas Teener, Michael  
Keen, Hal  
Kehrer, Stephan  
Klein, Philippe  
Korhonen, Jouni  
Li, Yizhou  
Mangin, Christophe  
McBeath, Tom  
McIntosh, James  
Messenger, John  
Mustala, Tero  
Nakano, Hiroki  
Noseworthy, Bob  
Pannell, Donald R  
Parsons, Glenn  
Pienciak, Walter  
Potts, Michael

Randall, Karen  
Riegel, Maximilian  
Romascanu, Dan  
Rouyer, Jessy  
Ryytty, Eero  
Samii, Soheil  
Sarikaya, Behcet  
Schewe, Frank  
Seaman, Michael  
Specht, Johannes  
Steiner, Wilfried  
Thaler, Patricia  
Unbehagen, Paul  
Wang, Hao  
Weber, Karl  
Weis, Brian  
Woods, Jordon  
Zein, Nader  
Zinner, Helge  
Zuniga, Juan Carlos

# The following became voting members this week:

Bjørnstad, Steinar  
Bottorff, Paul  
Heffernan, Patrick  
Ryytty, Eero  
Schewe, Frank  
Zein, Nader

The following have lost their voting membership through lack of qualifying attendance credit:

None

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

Edge, Bob

Ellegard, Lars

Gravel, Mark

Hsieh, Tien Yuan

Lee, Juho

Kim, Soyoung

Sato, Atsushi

Varga, Balazs

Zebralla, Daniel

The following will lose voting member status for insufficient letter ballot return, unless they are active:

...

The following volunteered to  
relinquish their voting member  
status:

Thornburg, David

Touve, Jeremy

Kiessling, Marcel

# Future interim meetings

- January 16-19, 2017
  - 802-sponsored Interim - Atlanta, GA
  - [Grand Hyatt Buckhead](#) - US\$179
  - Registration (US\$600) – includes lunch
- May 15-18, 2017
  - Stuttgart, DE
  - Hirschmann [update](#)
- September 11-15, 2017
  - With 802.11 at Hilton Waikoloa Village
  - Other options? [Newfoundland](#)
- May 2018
  - Ethernet Alliance

# Straw polls

- Who would attend 802.11 or 802.3 if we do not meet with them?
- Week choice for Sept 2017
  - Sept 4<sup>th</sup>
  - Sept 11<sup>th</sup>
  - Sept 18<sup>th</sup>
  - Sept 25<sup>th</sup>
- Would you prefer Sept 2017 interim in Hawaii or Newfoundland?

# Future plenaries

- March 12-17, 2017 – Vancouver, BC CANADA
  - Fairmont Hotel Vancouver & Hyatt Regency Vancouver
- July 9-14, 2017 – Berlin GERMANY
  - Estrel
- November 5-10, 2017 – Orlando, FL USA
  - Caribe Royale
- March 4-9, 2018 – Chicago, IL USA
  - Hyatt Regency O'Hare
- July 9-13, 2018 – San Diego, CA USA
  - Manchester Grand Hyatt
- November 12-16, 2018 - Suzhou, CHINA

# Sanity check – current workload

Project	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends	TG
802.1Qbu	Frame preemption	RevCom	Published - Aug 30	D3.1		Dec '16	TSN
802.1Qbv	Scheduled traffic	RevCom	Published - Mar 18	D3.1		Dec '16	TSN
802.1Qbz	802.11 Bridging	RevCom	Published - Sept 30	D2.4		Dec '16	IWK -> TSN
802.1Qca	SPB Path Control and Reservation	RevCom	Published - Mar 11	D2.1		Dec '16	IWK -> TSN
802.1CB	Frame Replication and Elimination	Sponsor Ballot	Sponsor Ballot	D2.6	Sponsor Ballot recirc	Dec '17	TSN
802.1AC-REV	MAC service	RevCom	RevCom - Dec	D4.0	Approval	Dec '17	IWK -> MAINT
802.1Qcc	SRP enhancements & performance improvements	WG ballot	WG ballot	D1.1	WG ballot	Dec '17	TSN
802.1ARce	AR: SHA-384 and P-384 Elliptic Curve	WG ballot	TG ballot	D1.1	withdrawal	Dec '18	SEC
802.1CF	Access network (OmniRAN)	TG ballot	TG ballot	D0.3	TG ballot	Dec '18	OMNI
802.1AB-REV	Station and MAC Connectivity Discovery	RevCom	Published - Mar 11	D1.2		Dec '18	MAINT
802.1AEcg	Ethernet data encryption devices	Sponsor Ballot	Sponsor Ballot recirc	D1.6	RevCom - conditional	Dec '18	SEC
802.1Qch	Cyclic queueing and forwarding	WG ballot	WG ballot	D2.0	Sponsor Ballot	Dec '19	TSN
802.1AS/Cor2	Tech and ed corrections	RevCom	Published - Apr 29	D3.0		Dec '18	TSN
802.1AS-REV	Time synch enhancements	TG Ballot	TG Ballot	D4.2	TG Ballot	Dec '19	TSN
802c	Local Address space	WG Ballot	WG Ballot	D1.2	PAR mod & sponsor	Dec '19	DCB
802.1Q/Cor1	Tech and ed corrections	RevCom	Published - Jan 12			Dec '19	MAINT
802.1Qci	Per Stream Filtering & Policing	Sponsor Ballot	Sponsor Ballot	D2.0	RevCom - conditional	Dec '19	TSN
802.1Qcj	Auto Attach to PBB	TG Ballot	Editor's draft	D0.1	TG Ballot	Dec '19	IWK -> TSN
802.1Xck	802.1X YANG data model	WG ballot	TG ballot	D0.8	WG ballot	Dec '19	SEC
802.1CM	Profile for Fronthaul	TG Ballot	TG Ballot	D0.5	TG Ballot	Dec '19	TSN
802.1Qcn	EVB VDP extension	TG Ballot	Editor's draft	D0.4	TG Ballot	Dec '19	DCB
802.1Qcp	802.1Q YANG data model	TG Ballot	TG Ballot	D0.6	TG Ballot	Dec '19	IWK -> TSN
802d	URN Namespace	Sponsor Ballot	Sponsor Ballot	D1.2	RevCom - conditional	Dec '19	TSN
802E	Privacy	NesCom	Editor's draft	D0.4	Editor's draft	Dec '19	SEC
802.1AX/Cor1	Tech and ed corrections	Sponsor Ballot	Sponsor Ballot recirc	D0.6	RevCom	Dec '19	MAINT
802.1CQ	Local Address protocol	PAR approved	Editor's draft	D0.1	Editor's draft	Dec '20	DCB
802.1BA/Cor1	Tech and ed corrections	WG ballot	Published - July 22	D0.0			MAINT
802.1Qcr	Asynchronous Traffic Shaping	PAR approved	PAR approved		Editor's draft	Dec '20	TSN
802.1CS	LRP	PAR development	PAR development		NesCom		TSN
802.1AX-REV	Link Aggregation	PAR approved	PAR approved		Editor's draft	Dec '20	MAINT
802.1AR-REV	Secure Device Identity	PAR development	PAR development		NesCom		SEC
802.1Q-REV	Bridges and Bridged Networks	PAR approved	Editor's draft	D1.0	WG ballot	Dec '20	MAINT

# 802 reports

- [IETF SC](#)
- [JTC1 SC](#)
- [ITU SC](#)
- 802 TF

# 802 Task Force

- Indemnification of volunteer officers/editors
  - Non-PAR activities are not currently covered, policy changes are in discussion to address this
- IEEE copyright for IETF works
- myProject replacement
  - including IMAT & Mentor, WG balloting
  - Indeterminate delay
- Website
  - WP engines based
- IEEE-SA staff support
  - Program: Jonathan Goldberg & Kathryn Bennett
  - Editors: Michelle Turner & Catherine Berger
  - International: Jodi Haasz

# TG reports

- Security
- DCB
- TSN
- OmniRAN
- Maintenance

# Incoming Liaisons

## ■ Maintenance:

- ITU-T SG15 LS367 on OTNT

<http://www.ieee802.org/1/files/public/docs2016/liaison-SG15-LS367-OTNT-1016.zip>

## ■ TSN:

- SG15-LS375: Initiation of the approval process for revised G.8021 and amended G.8032  
<http://www.ieee802.org/1/files/public/docs2016/liaison-SG15-LS375-G8021-G8032-1016.zip>

- SG15-LS382: OTN Transport of CPRI and future mobile interfaces  
<http://www.ieee802.org/1/files/public/docs2016/liaison-SG15-LS382-CPRI-OTN-1016.docx>

- SG15-LS378: Reply to Liaison response on update on IEEE P802.1CM TSN for Fronthaul (reply to IEEE 802.1 – LS30)  
<http://www.ieee802.org/1/files/public/docs2016/liaison-SG15-LS378-802.1CM-1016.zip>

- IEC SC65C WG15  
*informal email*

## ■ YANG (i.e., TSN & Security):

- SG15-LS379: LS on Generic and Transport Technology Specific Management Information Models

<http://www.ieee802.org/1/files/public/docs2016/liaison-SG15-LS379-models-1016.docx>

- BBF work on Github

# Outgoing liaison discussion

- ITU-T Q13/15
  - ITU-T Q11/15
  - MEF
  - BBF on YANG
  - ONF on YANG
  - AVnu response
- 
- PR on 802.1Qbz
  - Deterministic Ethernet Forum

# Motions - Administrative

# MOTION

- 802.1 approves the July 2016 (Plenary) and September 2016 (Interim) minutes:

<http://ieee802.org/1/files/public/minutes/2016-07-minutes.pdf>

<http://ieee802.org/1/files/public/minutes/2016-09-minutes.pdf>

Proposed: Jessy Rouyer Seconded: John Messenger

- Approved by Acclamation

# MOTION

- 802.1 approves to hold it May 2018 interim in a location to be hosted by the Ethernet Alliance

<http://www.ieee802.org/1/files/public/docs2016/admin-dambrosia-may-2018-offer-v1.pdf>

Proposed: Craig Gunther Seconded: Don Pannell

- Approved by Acclamation

# MOTION

- 802.1 approves to hold an interim September 5-8, 2017 interim in St. John's, Newfoundland

<http://www.ieee802.org/1/files/public/docs2016/admin-parsons-nfld-proposal-1116.pdf>

Proposed: Norm Finn    Seconded: Craig Gunther

- Approved by Acclamation

# Motions - TSN

# 802.1Qci to RevCom conditional

- Conditionally approve sending P802.1Qci to RevCom.
- Confirm the PAR for P802.1Qci in:  
<https://development.standards.ieee.org/get-file/P802.1Qci.pdf?t=86069100003>
- Confirm the CSD for P802.1Qci in  
<http://www.ieee802.org/1/files/public/docs2015/new-nfinn-input-gates-csd-0115-v03.pdf>
- P802.1Qci-D2.0 had 96% approval at the end of the last sponsor recirculation ballot.
- See [http://www.ieee802.org/1/files/public/Exec\\_files/P802-1Qci-D2-0-required-comments.pdf](http://www.ieee802.org/1/files/public/Exec_files/P802-1Qci-D2-0-required-comments.pdf) for supporting documentation
- In the WG (y/n/a): 27, 0, 0
- Proposed: Tony Jeffree                      Second: Pat Thaler
- In EC, mover: Glenn Parsons                      Second: Pat Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_

# Supporting information

## P802.1Qci

- Initial Sponsor ballot closed 03 November 2016

- Results:

Category	Total	Percentage
Yes	64	96.00%
No	2	4.00%
Abstain	1	1.00%
No. of Voters	77	100.00%
Voters responding	67	87.00%

- Two outstanding Disapprove votes, 5 Must Be Satisfied comments, here:
- [http://www.ieee802.org/1/files/public/Exec\\_files/P802-1Qci-D2-0-required-comments.pdf](http://www.ieee802.org/1/files/public/Exec_files/P802-1Qci-D2-0-required-comments.pdf)
- Recirculation ballot will be conducted during November timeframe with a possible final recirculation in December timeframe if required as a result of further comments received.

# 802d to RevCom conditional

- Conditionally approve sending P802d to RevCom.
- Confirm the PAR for P802d in <http://www.ieee802.org/1/files/public/docs2015/new-parsons-URN-Namespace-PAR-1115-v01.pdf>
- Confirm the CSD for P802d in <http://www.ieee802.org/1/files/public/docs2015/new-parsons-URN-Namespace-CSD-1115.pdf>
- P802d-D1.0 had 100% approval at the end of the last sponsor recirculation ballot.
  
- In the WG (y/n/a): 28, 0, 0
- Proposed: Tony Jeffree                      Second: Pat Thaler
  
- In EC, mover: Glenn Parsons Second: Pat Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_

# Supporting information – P802d

- Sponsor Recirculation ballot closed 08 October 2016

- Results:

Category	Total	Percentage
Yes	71	100.00%
No	0	0.00%
Abstain	5	6.00%
No. of Voters	88	100.00%
Voters responding	76	86.00%

- No outstanding Disapprove votes and no Required comments; a small number of editorial changes made.
- Recirculation ballot will be conducted during November timeframe with a possible final recirculation during December timeframe if required as a result of further comments received.

# Motion: Approval to start sponsor ballot 802.1Qch

Move to:

Approve sending P802.1Qch D1.1 to Sponsor Ballot

Confirm the PAR for P802.1Qch in <https://development.standards.ieee.org/get-file/P802.1Qch.pdf?t=84883700003>

Confirm the CSD for P802.1Qch in

<http://www.ieee802.org/1/files/public/docs2014/ch-mjt-cyclic-queuing-and-forwarding-par-csd-0814-v01.pdf>

P802.1Qch D1.1 had 100% approval at the end of the last WG recirculation ballot.

In the WG (y/n/a): 28, 0, 0

Proposed: Tony Jeffree                      Second: Pat Thaler

In EC, mover: Glenn Parsons Second: Pat Thaler

For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_

# Supporting information – P802.1Qch

- Working Group recirculation ballot closed  
28 September 2016

- Results:

Category	Total	Percentage
Yes	19	100.00%
No	0	0.00%
Abstain	17	47.22%
No. of Voters	56	100.00%
Voters responding	36	64.29%

- No outstanding Disapprove votes, no Must Be Satisfied comments.

# Motion: Approval of PAR and CSD P802.1CS

- Approve forwarding P802.1CS PAR documentation in <http://ieee802.org/1/files/public/docs2016/cs-LRP-PAR-1116-v01.pdf> to NesCom
- Approve CSD documentation in <http://ieee802.org/1/files/public/docs2016/cs-LRP-CSD-1116-v01.pdf>

In the WG (y/n/a): 28, 0, 0

Proposed: Feng Chen Second: Norm Finn

In EC, mover: Glenn Parsons Second: Pat Thaler

For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_

# Motion: Liaison from 802.1

- 802.1 approves the response to the ITU-T Q13/15 liaison LS 378
  - <http://www.ieee802.org/1/files/public/docs2016/1liaison-response-ITU-T-SG15-LS378-1116-v01.pdf>
- Proposed: John Messenger
- Second: David Chen
- For\_26\_\_\_Against\_\_0\_\_\_Abstain\_\_0\_\_

# Motion: Liaison from 802.1

- 802.1 approves the response to the ITU-T Q11/15 liaison LS 382
  - <http://www.ieee802.org/1/files/public/docs2016/1liaison-response-ITU-T-SG15-LS382-1116-v01.pdf>
- Proposed: John Messenger
- Second: David Chen
- For\_25\_\_\_\_Against\_\_0\_\_Abstain\_\_0\_\_

# Motion: Liaison from 802.1

- 802.1 approves the liaison letter to the MEF Forum
  - <http://www.ieee802.org/1/files/public/docs2016/liaison-MEF-CM-1116-v01.pdf>
- Proposed: John Messenger
- Second: David Chen
- For\_\_26\_\_Against\_\_0\_\_Abstain\_\_0\_\_

# Motion: Liaison from 802.1

- 802.1 approves the response to the AVnu Alliance
  - <http://www.ieee802.org/1/files/public/docs2016/liaison-response-avnu-1116-v01.pdf>
- Proposed: Don Pannell
- Second: Craig Gunther
- For\_\_25\_\_Against\_\_1\_\_Abstain\_\_0\_\_

# Motion: Liaison from 802.1

- 802.1 approves the liaison letter to BBF
  - <http://www.ieee802.org/1/files/public/docs2016/liaison-BBF-YANG-1116-v01.pdf>
- Proposed: Jessy Rouyer
- Second: John Messenger
- For\_24\_\_\_\_Against\_\_0\_\_Abstain\_\_0\_\_

# Motion: Liaison from 802.1

- 802.1 approves the liaison letter to ONF
  - <http://www.ieee802.org/1/files/public/docs2016/liaison-ONF-YANG-1116-v01.pdf>
- Proposed: Jessy Rouyer
- Second: Mick Seaman
- For\_\_26\_\_Against\_\_0\_\_Abstain\_\_0\_\_

# Motion: Conference Calls

- The TSN TG will continue to have virtual conferences weekly on Mondays from 8AM (US-Pacific) to 10AM (US-Pacific).
- Access information is posted on the <http://www.ieee802.org/1/pages/tsn.html> page and will be updated as necessary.
- Agenda will be announced on the 802.1 email reflector by the Friday before.
- Proposed: Rodney Cummings
- Second: Craig Gunther
- Approved by acclamation

# Motion: Pre-meeting

- 802.1 resolves to hold pre-meeting(s) on the Monday morning of the March 2017 Plenary session for TSN.
- Proposed: John Messenger
- Second: Craig Gunther
- Approved by acclamation

# Motion: PAR and CSD development

- 802.1 authorizes the January 2017 Interim to generate PAR and CSD for pre-circulation to the EC for an amendment to IEEE 802.1AC to include 802.15.3 MAC.
- Proposed: Mick Seaman
- Second: John Messenger
- For\_24\_\_\_\_Against\_\_0\_\_Abstain\_\_0\_\_

# Motion: Press Release

- 802.1 approves the press release on IEEE 802.1Qbz, and allows IEEE-SA staff to make editorial changes as necessary
  - <http://ieee802.org/1/files/public/docs2016/bz-draft-press-release-1116-v02.pdf>
- Proposed: Craig Gunther
- Second: Don Pannell
- For\_\_27\_\_Against\_\_0\_\_Abstain\_\_0\_\_

# Motion

802.1 requests EC approval to co-host the 2017 Deterministic Ethernet Forum as described in this presentation:

<http://www.ieee802.org/1/files/public/docs2016/admin-cgunther-DE-Forum-2017-1116-v02.pdf>.

The event is scheduled to occur on April 27-28, 2017 in Vienna, Austria.

In the WG (y/n/a): 25, 0, 2

Proposed: Craig Gunther      Second: Don Pannell

In EC, mover: Glenn Parsons Second: Pat Thaler

For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_

# Motions - Security

# Motions - Security

As required to request approval from 802.1 to/for:

- Request EC conditional approval to forward P802.1AEcg to RevCom<sup>1</sup>.
- Request EC approval to forward the P802.1AR-Rev PAR to Nescom<sup>2</sup>.
- The P802.1AR-Rev editor to prepare drafts for WG balloting<sup>3</sup>.
- Security TG teleconferences to progress P802.1ARce, P802.1AEcg, P802.1Xck, P802E and other task group matters arising<sup>4</sup>.

1. Forwarding to ISO/IEC JTC1 for information under the PSDO agreement on the opening of Sponsor Ballot was approved in July 2016. No further PSDO liaison required until standard is approved and published.
2. This will subsume the P802.1ARce work, the latter PAR will be withdrawn once the P802.1AR-Rev PAR is approved.
3. Once Nescom has approved the PAR. The first draft to be balloted will be based on the P802.1ARce/D1.1 draft taking into account comments received on the task group ballot discussed at his meeting.
4. Next few teleconferences already scheduled (under prior resolution). The plan is to hold P802E teleconferences in addition to teleconferences on other topics to maximise participation in P802E.
5. Motion authorising P802.1Xck working group balloting has already been passed.

[All notes in square brackets on the motion slides are for information only and are not part of the text of the motion.]

# MOTION

- 802.1 confirms the PAR and CSD and requests EC conditional approval to forward P802.1AEcg to RevCom.

- Proposed: Seaman                      Second: Randall
- For:        26      Against:    0      Abstain:    0
  
- EC proposed: Parsons                      Second:
- For:                      Against:                      Abstain:

# P802.1AEcg initial sponsor ballot summary and recirculation plan

P802.1AEcg passed its initial Sponsor Ballot:

79% Response rate, 100% Approval.

57 of 72 voters voted, 56 approved, 1 abstained due to lack of time. 15 comments.

Recirculation to be initiated during week of 14<sup>th</sup> November. BRC to teleconference 8<sup>th</sup> December, 1 pm Pacific as already announced on the 802.1 email exploder. Further recirculation with BRC teleconference (to be scheduled during 8<sup>th</sup> Dec BRC) if necessary.

[Initial Sponsor Ballot comments and proposed dispositions, revised draft including these changes as discussed/confirmed by the BRC during the November 802 plenary :

<http://www.ieee802.org/1/files/private/cg-drafts/d1/802-1AEcg-d1-4-sponsor-ballot-pdis0.pdf>

<http://www.ieee802.org/1/files/private/cg-drafts/d1/802-1AEcg-d1-6-sponsor-recirc.pdf>

PAR and CSD:

<https://standards.ieee.org/develop/project/802.1AEcg.html>

<http://www.ieee802.org/1/files/public/docs2014/cg-draft-aecg-csd-0714-v3.pdf>

].

# MOTION

- 802.1 requests EC approval of the CSD and to forward the following PAR to Nescom:
  - P802.1AR-Rev “Secure Device Identity”
  - <http://www.ieee802.org/1/files/public/docs2016/ar-seaman-rev-draft-par-0916-v02.pdf>
  - <http://www.ieee802.org/1/files/public/docs2016/ar-seaman-rev-draft-csd-0916-v02.pdf>
- Proposed:            Randall            Second: McIntosh
- For: 26    Against: 0    Abstain: 0

[No comments were received on the PAR or CSD from other Working Groups.]

# MOTION

- 802.1 authorizes the editor (Mick Seaman) of P802.1AR-Rev to conduct Working Group balloting following NesCom approval of the proposed PAR.
- Proposed: Randall    Second: Seaman
- For: 27 Against: 0    Abstain: 0

# MOTION

- 802.1 authorizes the Security Task Group to hold teleconferences to progress P802.1ARce, P802.1AEcg, P802.1Xck, P802E and task group matters arising:
  - Dates/times to be announced subject to notice of at least 10 days to the 802.1 email exploder
- Proposed: Randall    Second: Seaman
- Approved by acclamation

# Motions – DCB

# MOTION

- Approve forwarding IEEE 802c PAR modification documentation in <http://www.ieee802.org/1/files/public/docs2016/802c-thaler-PAR-Mod-0916.pdf> to NesCom
- Approve CSD documentation in <http://www.ieee802.org/1/files/public/docs2015/lasg-mjt-802c-CSD-0315-v02.pdf>
- Supporting Material:
  - No comments were received on the PAR. The CSD wasn't changed by the PAR modification. The CSD in the motion is the CSD that was previously approved by the EC (March 2015 motion #14)
- Mover: Pat Thaler                                  Second: Yizhou Li
- For\_\_25\_\_Against\_\_0\_\_Abstain\_\_0\_\_

# Supporting material for 802c to sponsor ballot

# Date P802c ballot closed and vote tally

<b>Stage</b>	<b>Open</b>	<b>Close</b>
WG Letter Ballot	2016-09-23	<b>24 Oct 2016</b>

## **Ballot tally**

- 21\* Approve (87.5%)
- 3 Disapprove
- 10 Abstain
- Return ratio requirement met (56.9%)

\*Initial results; have not reclassified Disapprove ballot voters based on comment resolution

# Comment resolution

24 Comments

Comment resolution

- DCB Task Group (802.1)
- Addressed all comments
- See <http://ieee802.org/1/files/private/802-c-drafts/d1/802c-D1-2-dis.pdf>
- All comments of 2 Disapprove voters resolved to satisfaction

# Only remaining disapprove:

Source: Geoff Thompson      Type: Editorial

Printed page numbers and pdf page numbers do not match.

Please use a single Arabic numbering scheme throughout the entire draft for balloting so that printed page numbers and pdf page numbers match.

REJECT.

PDF page numbers are set to display correctly in PDF readers.

The page numbering system is per the Style Manual.

# Schedule for recirculation ballot and resolution meeting

- 2016-11-11 EC Conditional Approval for Sponsor Ballot
- 2016-12-06 NesCom PAR Modification
- 2016-12-07 IEEE-SA SB PAR Modification
- 2016-12-08 form Sponsor Ballot Group to 2017-01-15
- 2016-12-08 WG recirc to 2017-01-06
- 2017-01-15 ballot resolution at interim
- 2017-01-20 WG recirc to 2017-01-30
- 2017-02-07 Sponsor Ballot to 2017-03-07

# RAC Interactions

- Have coordinated with RAC
- Updates to RAC during two RAC meetings
- RAC Chair has participated in ballots and comment resolution
- As agreed with RAC, draft revision of the RA tutorial “Guidelines for Use Organizationally Unique Identifier (OUI) and Company ID (CID)” being co-developed and circulated during the ballots

# MOTION

- Conditionally approve sending P802c to Sponsor Ballot
- Confirm the PAR and CSD for P802c in <http://ieee802.org/1/files/public/docs2015/lasg-mjt-802c-CSD-0315-v02.pdf>
- P802c-D1.2 had 87% approval at the end of the last sponsor recirculation ballot. Subsequently 2 of the “no” voters changed their vote to “yes” resulting in an approval of 95%.
- In the WG (y/n/a) : 24, 0, 1
- Mover: Pat Thaler                      Second: Max Riegel
- Mover: Glenn Parsons              Second: Pat Thaler
- For\_\_\_\_\_Against\_\_\_\_\_Abstain\_\_\_\_\_

# Motions – OmniRAN

# Motion

- Approve OmniRAN TG conference calls on:
  - December 6<sup>th</sup>, 09:30 AM ET, 90mins (5GAA)
  - December 13<sup>th</sup>, 09:30 AM ET, 90mins (P802.1CF)
  - Further conference calls between the Jan 2017 interim and the March 2017 plenary with at least 10days prior notice to the 802.1 mailing list.
- Agenda and call-in details will be made available on the 802.1 mailing list and on <https://mentor.ieee.org/omniran/bp/StartPage>

Moved: Max Riegel, Second: David Chen  
Approve by acclamation

# Motion

- Authorize OmniRAN TG to create an ICAID proposal addressing the 5G SC Action A and authorize the 802.1 chair to pre-circulate the ICAID proposal to the EC for consideration.
  - Moved: Max Riegel
  - Second: John Messenger
  - Vote: 22, 0, 1

# Motions - Maintenance

# MOTION

- Authorize Maintenance TG to hold teleconferences on 3<sup>rd</sup> January and 7<sup>th</sup> March 2017 at 11am EST if necessary. Access information will be posted to the 802.1 reflector in advance.
- Proposed: Messenger Second: Rouyer
- Approve by acclamation

# MOTION

- 802.1 confirms the PAR and requests EC approval to forward P802.1AX-Cor1 to RevCom:
- Proposed: Messenger                      Second: Rouyer
- For\_\_23\_\_Against\_0\_\_Abstain\_\_0\_\_
  
- EC proposed: Parsons                      Second: Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_\_

\* Note: There are no CSD for this maintenance PAR.

# 802.1AX-Cor-1 supporting info

Ballot Open Date:	12 Oct 16
Ballot Close Date:	22 Oct 16
Type:	New
Draft #:	D0.6
Ballots Received:	3
Vote Changes:	2

## RESPONSE RATE

This ballot has met the 75% returned ballot requirement.

71 eligible people in this ballot group.

56	affirmative votes
0	total negative votes with comments
0	negative votes with new comments
0	negative votes without comments
0	abstention votes
56	votes received = 78% returned
	0% abstention

## APPROVAL RATE

The 75% affirmation requirement is being met.

56	affirmative votes
0	negative votes with comments
56	votes = 100% affirmative

# MOTION

- 802.1 instructs the editor of 802.1Q-Rev (John Messenger) to prepare drafts for and conduct Working Group balloting.
- Proposed: Jeffree                      Second: Rouyer
- For\_\_24\_\_Against\_0\_\_Abstain\_\_0\_\_

# MOTION

- 802.1 requests EC approval to forward the comment responses in document
  - <http://ieee802.org/1/files/public/docs2016/liaison-randall-SC6ResponseQcd-1116-v01.pdf>

to ISO/IEC JTC1 SC6 under the PSDO agreement.

These are responses to the comments received on recent 60-day ballot of 802.1Qcd-2015.

- Proposed: Messenger Second: Rouyer
- For\_\_21\_\_Against\_0\_\_Abstain\_\_0\_\_
- EC proposed: Parsons Second: Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_\_

# MOTION

- 802.1 requests EC approval to forward the following standards to JTC1 SC6 for **adoption** under the PSDO agreement:
  - 802.1AC-2016 – MAC Service Definition following publication
  - 802.1Qbu-2016 – Frame Pre-emption
  - 802.1Qbz-2016 – Enhancements to Bridging of IEEE 802.11 Media
  - 802.1Q-2014/Cor 1-2015 – using the new corrigendum process
- Proposed: Messenger      Second: Rouyer
- For\_21\_\_\_\_Against\_0\_\_Abstain\_0\_\_\_\_
  
- EC proposed: Parsons    Second: Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_

\*\* EC consent agenda

# MOTION

- 802.1 requests EC approval to forward the following documents to ISO/IEC JTC1 SC6, for **information** under the PSDO agreement at sponsor ballot time:
  - P802.1Qch
- Proposed: Messenger Second: Rouyer
- For\_\_23\_\_Against\_\_0\_Abstain\_\_0\_\_
  
- EC proposed: Parsons Second: Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_

# MOTION

- 802.1 requests EC approval to forward the following documents to ISO/IEC JTC1 SC6, for **information** under the PSDO agreement at sponsor ballot time:
  - P802c
- Proposed: Messenger Second: Rouyer
- For\_\_24\_\_Against\_\_0\_Abstain\_\_0\_\_
- EC proposed: Parsons Second: Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_

# Motions – Any others?