

802.1 Closing Plenary

March 2016

Macau, China

Glenn Parsons

Chair, IEEE 802.1 WG

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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.



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>

IEEE-SA Standards Board Operations Manual

<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>

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <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>



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.

802.1 officers

■ Officers

- Chair: Glenn Parsons
- Vice Chair: John Messenger
- Recording Secretary: Eric Gray
- Security TG Chair: Mick Seaman
- TSN TG Chair: Michael Johas Teener
- TSN TG Vice-Chair: János Farkas
- Data Center Bridging TG Chair: Pat Thaler
- OmniRAN TG Chair: Max Riegel
- Maintenance of website: John Messenger
- Maintenance of Email exploder: Hal Keen

■ Website

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

The following are 802.1 voters:

Boiger, Christian

Bottorff, Paul

Chen, David

Chen, Feng

Cheng, Weiyang

Cummings, Rodney

Farkas, Janos

Finn, Norman

Garner, Geoffrey

Gray, Eric

Gunther, Craig

Haddock, Stephen

Hantel, Mark

Holness, Marc

Jeffree, Anthony

Johas Teener, Michael

Keen, Hal

Kehrer, Stephan

Kiessling, Marcel

Klein, Philippe

Korhonen, Jouni

Li, Yizhou

Mangin, Christophe

McBeath, Tom

McIntosh, James

Messenger, John

Nakano, Hiroki

Noseworthy, Bob

Pannell, Donald

Parsons, Glenn

Pienciak, Walter

Randall, Karen

Riegel, Maximilian

Romascanu, Dan

Rouyer, Jessy

Saltsidis, Panagiotis

Seaman, Michael

Sexton, Daniel

Specht, Johannes

Steiner, Wilfried

Thaler, Patricia

Thornburg, David

Touve, Jeremy

Unbehagen, Paul

Weber, Karl

Weis, Brian

Woods, Jordon

Zinner, Helge

Zuniga, Juan-Carlos

The following became voting members this week:

Samii, Soheil

The following will become voting members when/if they show up here this week:

Huang, Lu

Ryu, Cheol

Sarikaya, Behcet

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

Bjørnstad, Steinar

Edge, Bob

Ellegard, Lars

Gravel, Mark

Hsieh, Tien Yuan

Lin, Juitse

Sato, Atsushi

Ryytty, Eero

Tabatabaee, Vahid

Varga, Balazs

Zebralla, Daniel

802.1 Chair/Vice-Chair elections

- These elections will take place during the closing 802.1 Plenary in March 2016
- Nominations are invited at any time from now until the start of the closing 802.1 Plenary in March 2016
- The existing Chair and Vice-Chair intend to stand for re-election.
- 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.

802 Chair and Officer elections

- These elections will take place during the closing EC meeting in March 2016
- Positions to be filled:
 - 802 Chair
 - 802 1st Vice-Chair
 - 802 2nd Vice Chair
 - 802 Recording Secretary
 - 802 Treasurer
 - 802 Executive Secretary
- If you have ambitions to be 802 Chair, talk to Paul Nikolich to find out what is involved.
- The 802 Officers are appointed by the 802 Chair, so if you have any ambitions in that direction, talk to the candidate(s) for 802 Chair position.

Future interim meetings

- May 23-26, 2016
 - Budapest, HU
 - Janos Farkas – Ericsson
 - <http://www.ieee802.org/1/files/public/docs2016/admin-farkas-Budapest-0316-v01.pdf>
- September 12-15, 2016
 - York, UK
 - John Messenger – ADVA Optical Networking
 - <http://www.ieee802.org/1/files/public/docs2016/admin-messenger-sep16-york-meeting-0715-v04.pdf>
- January 16-19, 2017
 - 802-sponsored Interim - Atlanta, GA
 - Hyatt Regency Atlanta - US\$179
 - Registration (US\$600) – includes lunch
- Proposals for 2017
 - May - open
 - September - open

Future plenaries

- July 24-29, 2016 – San Diego, CA USA
 - Manchester Grand Hyatt
- November 6-11, 2016 – San Antonio, TX USA
 - Grand Hyatt San Antonio
- March 12-17, 2017 – Vancouver, BC CANADA
 - Hyatt Regency Vancouver
- July 9-14, 2017 – Berlin GERMANY
 - Estrel
- November 5-10, 2017 – Orlando, FL USA
 - Caribe Royale

Public Review

- Starting on 6 July 2015, all eligible projects where a Sponsor ballot is initiated will also have a Public Review period initiated simultaneously.
 - <https://publicreview.standards.ieee.org>
 - Staff will transfer any comments to myBallot
- **Status Complete**
 - P802.1AC – closed Nov 9th - none
- **Status Upcoming**
 - P802.1AX-2014/Cor 1
 - P802.1BA-2011/Cor1
 - P802.1CB
- Questions? FAQ, or ask Soo Kim...

Sanity check – current workload

Project	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1Qbu	Frame preemption	Sponsor Ballot	sponsor ballot recirc	D3.1	RevCom	Dec '16
802.1Qbv	Scheduled traffic	Sponsor Ballot	Approved - Dec 5	D3.1	Publication March 17	Dec '16
802.1Qbz	802.11 Bridging	Sponsor Ballot	Sponsor Ballot recirc	D2.4	RevCom	Dec '16
802.1Qca	SPB Path Control and Reservation	RevCom	Published - Mar 11	D2.1		Dec '16
802.1CB	Frame Replication and Elimination	WG ballot	WG ballot	D2.3	WG ballot recirc	Dec '17
802.1AC-REV	MAC service	Sponsor Ballot	Sponsor Ballot	D3.0	Sponsor Ballot recirc	Dec '17
802.1Qcc	SRP enhancements & performance improvements	TG ballot	TG ballot	D0.6	WG ballot	Dec '17
802.1ARce	AR: SHA-384 and P-384 Elliptic Curve	TG ballot	Editor's draft	D0.7	TG ballot	Dec '18
802.1CF	Access network (OmniRAN)	PAR approved	Editor's draft	D0.0	TG ballot	Dec '18
802.1AB-REV	Station and MAC Connectivity Discovery	RevCom	Published - Mar 11	D1.2		Dec '18
802.1AEcg	Ethernet data encryption devices	WG ballot	TG ballot	D1.0	WG ballot	Dec '18
802.1Qch	Cyclic queueing and forwarding	PAR approved	Editor's draft	D0.1	TG ballot	Dec '19
802.1AS/Cor2	Tech and ed corrections	RevCom	Approved - Jan 29	D3.0	Publication	Dec '18
802.1AS-REV	Time synch enhancements	TG Ballot	TG Ballot	D2.0	TG Ballot	Dec '19
802c	Local Address space	TG Ballot	Editor's draft	D0.2	WG Ballot	Dec '19
802.1Q/Cor1	Tech and ed corrections	RevCom	Published - Jan 12			Dec '19
802.1Qci	Per Stream Filtering & Policing	TG Ballot	TG Ballot	D1.1	WG Ballot	Dec '19
802.1Qcj	Auto Attach to PBB	NesCom	Editor's draft	D0.1	TG Ballot	Dec '19
802.1Xck	802.1X YANG data model	WG ballot	Editor's draft	D0.5	WG ballot	Dec '19
802.1CM	Profile for Fronthaul	NesCom	Editor's draft	D0.2	TG Ballot	Dec '19
802.1Qcn	EVB VDP extension	NesCom	Editor's draft	D0.0	Editor's draft	Dec '19
802.1Qcp	802.1Q YANG data model	TG Ballot	TG Ballot	D0.2	TG Ballot	Dec '19
802d	URN Namespace	NesCom	Editor's draft	D0.1	WG Ballot	Dec '19
802E	Privacy	NesCom	Editor's draft	D0.3	Editor's draft	Dec '19
802.1AX/Cor1	Tech and ed corrections	Sponsor Ballot	WG ballot recirc	D0.4	Sponsor Ballot	Dec '19
802.1CQ	Local Address protocol	PAR approved	Editor's draft	D0.1	Editor's draft	Dec '20
802.1BA/Cor1	Tech and ed corrections	WG ballot	WG ballot	D0.0	Sponsor Ballot	
802.1Qcr	Asynchronous Traffic Shaping	PAR development	PAR development		NesCom	
802.1Qcs	MRP ++ (new reservation protocol)				PAR development	
802.1AX/Rev	Link Aggregation				NesCom	

802 reports

- IETF SC
- JTC1 SC
- ITU SC
- 5G SC
- 802 TF

802 Task Force

- Indemnification of volunteer officers/editors
 - The following is an overview of the IEEE policy:
<https://mentor.ieee.org/802-ec/dcn/16/ec-16-0018-00-00EC-2016-overview-of-ieee-indemnification.pptx>
- myProject replacement
 - including IMAT & Mentor, WG balloting
 - Training/Tutorial in July 2016
 - Migration/Cutover in fall 2016
 - Support in November 2016
- IEEE-SA staff support
 - Program: Jonathan Goldberg (& Kathryn Bennett)
 - Editors: Michelle Turner & Catherine Berger
 - International: Jodi Haasz
 - MyProject: Christina Boyce, Greg Marchini

TG reports

- Security
 - Did not meet
- DCB
- TSN
- OmniRAN
- Maintenance

Incoming Liaisons

■ Maintenance:

- ITU-T SG15 LS322 on OTNT

http://www.ieee802.org/1/files/public/docs2016/liaison-SG15-LS322-OTNT_workplan-0316.zip

- ITU-T SG15 LS 339 on MDSP

<http://www.ieee802.org/1/files/public/docs2016/liaison-SG15-LS339-MDSP-0316.docx>

- MOCA on 802.1AC

<http://www.ieee802.org/1/files/public/docs2016/liaison-MOCA-to-IEEE802.1-0116.pdf>

■ TSN:

- ITU-T SG13 LS139 on IMT-2020

http://www.ieee802.org/1/files/public/docs2016/liaison-SG13-LS139_IMT2020-0216.zip

- ITU-T SG15 LS 332 on Synchronization

<http://www.ieee802.org/1/files/public/docs2016/liaison-SG15-LS332-Sync-0316.docx>

Outgoing liaison discussion

- ITU-T SG15 on 802.1CM
- ITU-T SG13 on 802.1CM
- IEC
- IEEE 1722
- AVnu
- MOCA

Motions - Administrative

MOTION

- 802.1 affirms Glenn Parsons as IEEE 802.1 WG chair

Proposed: Craig Gunther

Seconded: Eric Gray

For: 24 Against: 0 Abstain: 0

MOTION

- 802.1 affirms John Messenger as IEEE 802.1 WG vice-chair

Proposed: Tony Jeffree

Seconded: Janos Farkas

For: 27 Against: 0 Abstain: 0

MOTION

- 802.1 approves the November 2015 (Plenary) and January 2016 (Interim) minutes:

<http://ieee802.org/1/files/public/minutes/2015-11-minutes.pdf>

<http://ieee802.org/1/files/public/minutes/2016-01-minutes.pdf>

Proposed: Gray Seconded: Messenger

- Approved by Acclamation

MOTION

- 802.1 approves the revised January 2015 (Interim) minutes:

<http://ieee802.org/1/files/public/minutes/2015-01-minutes-v2.pdf>

Proposed: Gray Seconded: Messenger

- Approved by Acclamation

MOTION

- 802.1 approves the revised March 2015 (Plenary) minutes:

<http://ieee802.org/1/files/public/minutes/2015-03-minutes-v4.pdf>

Proposed: Gray Seconded: Messenger

- Approved by Acclamation

MOTION

- 802.1 approves the revised May 2015 (Interim) minutes:

<http://www.ieee802.org/1/files/public/minutes/2015-05-minutes-v2.pdf>

Proposed: Gray Seconded: Messenger

- Approved by Acclamation

MOTION

- 802.1 approves the revised July 2015 (Plenary) minutes:

<http://www.ieee802.org/1/files/public/minutes/2015-07-minutes-v3.pdf>

Proposed: Gray Seconded: Messenger

- Approved by Acclamation

Motions – DCB

MOTION

- 802.1 authorizes virtual conferences for discussions on proposals for 802.1Qcn VDP Extensions for NVO3.
Announcements on the time and connection details will be made at least 30 days in advance.
- Proposed: Pat Thaler Second: Dan Romascanu
- Approved by Acclamation

MOTION

- 802.1 authorizes the editor of P802c (Roger Marks) to prepare drafts for and conduct Working Group balloting.
- Proposed: Pat Thaler
Second: Eric Gray
- For 27 Against 0 Abstain 0

MOTION

- 802.1 approves the liaison to IEEE 1722 concerning P802.1CQ
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-cq-thaler-ieee1722-0316-v1.docx>
- Proposed: Thaler Second: Gray
- For __23__ Against __0__ Abstain __0__

Motions - TSN

MOTION

- 802.1 resolves to hold pre-meeting(s) on the Monday morning of the July 2016 plenary session for TSN TG
- Proposed: Farkas
- Second: Cummings

- Approved: by Acclamation

MOTION

802.1 reaffirms the 5C:

- <http://www.ieee802.org/1/files/public/docs2012/new-p802-1qbu-draft-5c-0312-v01.pdf>

and requests EC approval to forward P802.1Qbu, Frame Preemption, to RevCom, conditional on P802.3br being forwarded at the same time.

- Proposed: Jeffree
- Second: Gray
- For__28__Against__0__Abstain__0__

- EC proposed: Parsons Second: Thaler
- For____Against__Abstain_____

P802.1Qbu

supporting information

- BALLOT OPEN DATE: 25-Sep-2015
- BALLOT CLOSE DATE: 05-Oct-2015
- TYPE: New
- DRAFT #: D3.1
- BALLOTS RECEIVED: 3
- VOTE CHANGES: 3
- COMMENTS: 1 (This was "Meets editorial requirements" from staff)
- RESPONSE RATE
- This ballot has met the 75% returned ballot requirement.
- 81 eligible people in this ballot group.
- 67 affirmative votes
- 0 total negative votes with comments
- 0 negative votes with new comments
- 0 negative votes without comments
- 2 abstention votes: (Lack of expertise: 2)
- 69 votes received = 85% returned
- 2% abstention
- APPROVAL RATE
- The 75% affirmation requirement is being met.
- 67 affirmative votes
- 0 negative votes with comments
- 67 votes = 100% affirmative

MOTION

- 802.1 authorizes Tony Jeffree, editor of P802d, Allocation of Uniform Resource Name (URN) values in IEEE 802 standards, to prepare a draft for and conduct Working Group balloting.
- Proposed: Farkas
- Second: Romascanu
- For__26__Against__0__Abstain__0__

MOTION

- 802.1 authorizes Tony Jeffree, editor of P802.1Qci, Per-Stream Filtering and Policing, to prepare a draft for and conduct Working Group balloting.
- Proposed: Farkas
- Second: Gray
- For_26___Against__0___Abstain__0___

MOTION

- 802.1 authorizes Tony Jeffree, editor of P802.1Qch, Cyclic Queuing and Forwarding, to prepare a draft for and conduct Task Group balloting.
- Proposed: Farkas
- Second: Messenger
- For_27___Against__0___Abstain__0___

MOTION

- 802.1 authorizes the editor (Rodney Cummings) of P802.1Qcc, Stream Reservation Protocol (SRP) Enhancements and Performance Improvements, to prepare drafts for and conduct Working Group balloting.
- Proposed: János Farkas
Second: Eric Gray
- For__28__Against__0__Abstain__0__

MOTION

- 802.1 authorizes the editor (Dan Romascanu) of P802.1Qcj, Automatic Attach to PBB services, to prepare drafts for and conduct Task Group balloting.
- Proposed: János Farkas
Second: Paul Unbehagen
- For_28___Against__0___Abstain__0___

MOTION

- 802.1 authorizes the editor (János Farkas) of P802.1CM, TSN for Fronthaul, to prepare drafts for and conduct Task Group balloting.
- Proposed: John Messenger
Second: Rodney Cummings
- For_26____Against__0__Abstain__0__

MOTION

- 802.1 approves the PAR and CSD, and requests EC approval to forward the 802.1Qcr Asynchronous Traffic Shaping PAR to NesCom.
 - <http://www.ieee802.org/1/files/public/docs2016/cr-draft-PAR-0216-v02.pdf>
 - <http://www.ieee802.org/1/files/public/docs2016/cr-draft-CSD-0216-v02.pdf>
- Proposed: János Farkas
Second: Johannes Specht
- For__23__Against__0__Abstain__1__

MOTION

- 802.1 authorizes the May 2016 Interim to generate a PAR and CSD for MRP++ (new reservation protocol) for pre-circulation to the EC.
- Proposed: János Farkas
Second: Marcel Kiessling
- For_23___Against_0___Abstain_0___

MOTION

- 802.1 authorizes the TSN TG to continue to have virtual conferences weekly on Mondays at 9AM (US-Pacific) for 802.1AS-related topics. Access information is posted on the <http://www.ieee802.org/1/pages/tsn.html> page and will be updated as necessary.
- Proposed: János Farkas
- Second: Geoff Garner
- Approve by acclamation

MOTION

- 802.1 authorizes the TSN TG to have virtual conferences weekly at 8AM (US Pacific) Mondays for TSN general topics. Access information will be posted on the <http://www.ieee802.org/1/pages/tsn.html> page and will be updated as necessary.
- Proposed: János Farkas
- Second: Craig Gunther
- Approve by acclamation

MOTION

- 802.1 authorizes the TSN Task Group to hold teleconferences to progress P802.1CM
 - April 6, 2016, 8 AM US Pacific Time
 - May 5, 2016, 8 AM US Pacific Time
 - June 16, 2016, 8 AM US Pacific time
 - July 7, 2016, 8 AM US Pacific time
- Access information will be posted on the <http://www.ieee802.org/1/pages/tsn.html> page
- Proposed: János Farkas
- Second: Craig Gunther
- Approve by acclamation

MOTION

- 802.1 approves the response to the ITU-T Q13/15 liaison LS 332
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-response-itu-t-com15-ls332-0316-ver01.pdf>
- Proposed: János Farkas
Second: Rodney Cummings
- For_22___Against__0__Abstain__0__

MOTION

- 802.1 approves the response to the ITU-T Study Group 13 liaison LS 139
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-response-itu-t-com13-ls139-0316-ver01.pdf>
- Proposed: János Farkas
Second: Tony Jeffree
- For_26___Against_0___Abstain_0___

MOTION

- 802.1 approves the liaison letter to AVnu Alliance on TSN features
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-AVnu-TSN-features-0316-v00.docx>
- Proposed: János Farkas
Second: Rodney Cummings
- For__25__Against__0__Abstain__0__

MOTION

- 802.1 approves the liaison letter to IEC SC65C WG15 on IEEE P802.1CB
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-finn-to-IEC-SC65C-WG15-0316-v04.pdf>
- Proposed: János Farkas
Second: Norm Finn
- For_26___Against__0___Abstain__0___

Motion

- 802.1 reaffirms the 5C
 - <http://www.ieee802.org/1/files/public/docs2012/new-p802-1Qbz-draft-5c-0912.pdf>
and requests unconditional EC approval to forward P802.1Qbz, Enhancements to bridging of 802.11 media, to RevCom.
- Proposed: Norman Finn
- Second: Craig Gunther
- For__24__Against__0__Abstain__0__
- EC proposed: Glenn Parsons Second:

P802.1Qbz D2.4 Sponsor ballot results

Sponsor Ballot Open Date: 22-Jan-2016

Ballot Close Date: 06-Feb-2016

Ballots Received: 10

Vote Changes: 2

Comments: 1 (from IEEE-SA staff editors, approving the document)

RESPONSE RATE This ballot has met the 75% returned ballot requirement.

115 eligible people in this ballot group.

91 affirmative votes

0 total negative votes with comments

0 negative votes with new comments

0 negative votes without comments

4 abstention votes: (Lack of expertise: 1, Lack of time: 1, Other: 2)

95 votes received = 82% returned 4% abstention

APPROVAL RATE The 75% affirmation requirement is being met.

91 affirmative votes

0 negative votes with comments

91 votes = 100% affirmative

Motions - Security

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 30 days to the 802.1 email exploder

Proposed: Gray Seconded: Messenger

- For __18__ Against __0__ Abstain __0__

Motions – OmniRAN

Motion

- 802.1 approves OmniRAN TG conference calls on:
 - April 19th, 09:30 AM ET, 90mins
 - June 21st, 09:30 AM ET, 90mins
 - 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: Walter Pienciak

Approve by acclamation

Motion

- 802.1 instructs the Editor (Walter Pienciak) for P802.1CF, Network reference model and functional description of 802 access network, to prepare drafts for and conduct Task Group balloting.
- Proposed: Max Riegel
Second: Tony Jeffree
- For_17____Against_0____Abstain_2____

Motions - Maintenance

MOTION

- 802.1 authorizes the Maintenance TG to hold teleconferences on 17th May and 19th July 2016 at 11am ET if necessary. Access information will be posted to the 802.1 reflector in advance.
- Proposed: Messenger Second: Gray
- Approve by acclamation

MOTION

802.1 requests EC approval to forward P802.1BA-2011 Cor-1/D0.0, AVB Systems – Technical and Editorial Corrections, to Sponsor ballot

- Proposed: Messenger
- Second: Jeffree
- For ___19___ Against ___0___ Abstain ___0___

- EC proposed: Parsons Second: Thaler
- For _____ Against _____ Abstain _____

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

P802.1BA-2011 Cor-1 supporting material

- Initial Working Group ballot closed March 2016
- 100% approval, no comments

Category	Total	Percentage
Yes	33	100.00%
No	0	0.00%
Abstain	1	2.94%
No. of Voters	49	100.00%
Voters responding	34	69.39%

MOTION

- 802.1 requests EC approval to forward P802.1BA-2011 Cor-1/D0.0, AVB Systems – Technical and editorial corrections, to RevCom, conditional upon Sponsor ballot passing with no comments.
- Proposed: Messenger
- Second: Jeffree
- For 19 Against 0 Abstain 1
- EC proposed: Parsons Second: Thaler
- For Against Abstain

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

MOTION

- 802.1 requests EC conditional approval to forward P802.1AX-2014/Cor-1, Link Aggregation - Corrigendum 1: Technical and Editorial Corrections, to Sponsor ballot.
- Proposed: John Messenger
Second: János Farkas
- For__19__Against__0__Abstain__0__
- EC proposed: Parsons Second: Thaler
- For____Against____Abstain_____

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

P802.1AX-2014/Cor-1 supporting information

- WG recirc #2 closed 6th March 2016. Results:
- WG participation:
 - 40/49 = 81.63%
- Two Disapproves
 - Most comments have been withdrawn (see 802.1AX-Rev PAR)
 - There are no unsatisfied Disapprove comments.

CATEGORY	All respondents	
	TOTAL	%
Yes	25	62.5
No	2	5
Voting Yes or No	27	67.5
Abs. Time	1	2.5
Abs. Expertise	12	30
Abs. Other	0	0
Respondents	40	100
Liaisons responding	0	
No. of commenters	4	10
No. of comments	38	
TR	3	
T	1	
ER	0	
E	4	
Withdrawn	30	

<http://ieee802.org/1/files/private/ax-2014-cor-1-drafts/d0/802-1ax-2014-cor-1-d0-4-dis-v01.pdf>

MOTION

- 802.1 requests EC approval to forward the following maintenance PAR to NesCom:
 - 802.1AX-Rev “Link Aggregation”
<http://ieee802.org/1/files/public/docs2016/ax-messenger-revision-draft-par-0316-v02.pdf>
- Proposed: Messenger Second: Gray
- For__18__Against_0__Abstain__0__
- EC proposed: Parsons Second: Thaler
- For____Against____Abstain_____

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

MOTION

- 802.1 requests EC approval to forward the comment responses in documents
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-randall-SC6CommentResponsesXbxFDIS-0316-v03.pdf>
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-randall-SC6CommentResponsesQFDIS-0316-v01.pdf>

to ISO/IEC JTC1 SC6 under the PSDO agreement. These are responses to the comments received on recent FDIS ballots of IEEE Std 802.1Q-2014 and IEEE 802.1Xbx-2014.

- Proposed: Messenger Second: Gray
- For__17__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:
 - 802.1AB-2016 – Station and Media Access Control Connectivity Discovery
 - 802.1Qca-2015 – Path Control and Reservation
 - 802.1Qbv-2015 – Enhancements for Scheduled Traffic.
- Proposed: Messenger Second: Gray
- For__16__Against_0__Abstain__0__

- EC proposed: Parsons Second: Thaler
- For____Against____Abstain_____

MOTION

- 802.1 requests EC approval to forward 802.1Qcd-2015 (Application VLAN TLV) to ISO/IEC JTC1 SC6, for **information** under the PSDO agreement.
- Proposed: Messenger Second: Gray
- For__17__Against__0_Abstain__0__
- EC proposed: Parsons Second: Thaler
- For____Against____Abstain_____

MOTION

- 802.1 approves the liaison response to MOCA:
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-klein-moca-ac-response-0316-v3.pdf>
- Proposed: Messenger Second: Gray
- For__15__Against_0__Abstain_0__

Motions – Any others?