


802.1 Closing Plenary

July 2016

San Diego, California

A decorative horizontal bar consisting of a series of vertical rectangular segments in various colors including black, blue, light blue, teal, yellow, and dark blue, arranged in a slightly wavy pattern.

Glenn Parsons – IEEE 802.1 WG Chair
glenn.parsons@ericsson.com

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.



15 March 2015

(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>

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: Jessy Rouyer
- 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

Chen, David

Chen, Feng

Cheng, Weiying

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

Lu, Huang

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

Seaman, Michael

Samii, Soheil

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:

Baek, Seoyoung

Bao, Shenghua

Bierschenk, Jens

Gutierrez, Marina

Mustala, Tero

Potts, Michael

Sarikaya, Behcet

Wang, Hao

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

Bottorff, Paul

Sexton, Daniel

Saltsidis, Panagiotis

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

Lee, Juho

Kim, Soyoung

Sato, Atsushi

Ryytty, Eero

Varga, Balazs

Zebralla, Daniel

Future interim meetings

- 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 2017
 - Stuttgart, DE - Stephan Kehrer – Hirschmann
 - 802.3 with Ethernet Alliance
 - 802.11 in Daejeon, Korea
 - September 2017
 - 802.3 working with potential host
 - 802.11 in Waikoloa
 - January 2018 – open
 - May 2018
 - 802.3 with Ethernet Alliance

Future plenaries

- 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
- March 4-9, 2018 – Chicago, IL USA
 - Hyatt Regency O'Hare
- July 2018 – San Diego, CA USA
 - Manchester Grand Hyatt

Sanity check – current workload

Project	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1Qbu	Frame preemption	Sponsor Ballot	Approved - June 30	D3.1	Publication	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	Approved - June 30	D2.4	Publication	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 recirc	D2.5	Sponsor Ballot	Dec '17
802.1AC-REV	MAC service	Sponsor Ballot	Sponsor Ballot recirc	D3.2	RevCom	Dec '17
802.1Qcc	SRP enhancements & performance improvements	TG ballot	WG ballot	D1.0	WG ballot	Dec '17
802.1ARce	AR: SHA-384 and P-384 Elliptic Curve	TG ballot	TG ballot	D0.7	TG ballot	Dec '18
802.1AR-REV	Secure Device Identity				PAR development	
802.1CF	Access network (OmniRAN)	TG ballot	Editor's draft	D0.1	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	WG ballot recirc	D1.4	Sponsor Ballot	Dec '18
802.1Qch	Cyclic queueing and forwarding	PAR approved	TG ballot	D0.2	WG 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	D4.0	TG Ballot	Dec '19
802c	Local Address space	TG Ballot	WG Ballot	D1.0	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	WG Ballot	D1.2	Sponsor Ballot	Dec '19
802.1Qcj	Auto Attach to PBB	TG Ballot	Editor's draft	D0.1	TG Ballot	Dec '19
802.1Xck	802.1X YANG data model	WG ballot	TG ballot	D0.61	WG ballot	Dec '19
802.1CM	Profile for Fronthaul	NesCom	TG Ballot	D0.4	TG Ballot	Dec '19
802.1Qcn	EVB VDP extension	NesCom	Editor's draft	D0.3	TG Ballot	Dec '19
802.1Qcp	802.1Q YANG data model	TG Ballot	TG Ballot	D0.4	TG Ballot	Dec '19
802d	URN Namespace	NesCom	WG Ballot	D0.4	Sponsor 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	Sponsor Ballot	D0.5	Sponsor Ballot recirc	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	Published - July 22	D0.0		
802.1Qcr	Asynchronous Traffic Shaping	PAR approved	PAR approved		Editor's draft	
802.1Qcs	LRP (new registration protocol)		PAR development		PAR development	
802.1AX/Rev	Link Aggregation	PAR approved	PAR approved		Editor's draft	

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>
 - Non-PAR activities are not clearly covered, policy changes are in discussion to address this
- myProject replacement
 - including IMAT & Mentor, WG balloting
 - Original time plan
 - Training/Tutorial in July 2016
 - Migration/Cutover in fall 2016
 - Indeterminate delay
- 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 LS322 on OTNT (from March)
http://www.ieee802.org/1/files/public/docs2016/liaison-SG15-LS322-OTNT_workplan-0316.zip
- TSN:
 - AVnu response
<http://www.ieee802.org/1/files/public/docs2016/liaison-woods-AVnuResponse-0716-v00.pdf>
 - 1914
<http://www.ieee802.org/1/files/public/docs2016/liaison-IEEE1914-NGFI-0616.pdf>
 - IEC SC65C WG15
<http://www.ieee802.org/1/files/public/docs2016/liaison-IEC-SC65C-WG15-0716.txt>
 - WiFi Alliance
<http://www.ieee802.org/1/files/public/docs2016/liaison-WFA-Wi-Fi-HaLow-0516.pdf>
- YANG (i.e., TSN & Security):
 - IETF on draft-wilton-netmod-intf-vlan-yang-03
 - ITU-T SG15 LS353 on UML to YANG mapping
http://www.ieee802.org/1/files/public/docs2016/liaison-SG15-LS353-UML_to_YANG-0716.zip
 - ITU-T SG15 LS362 request for UML
http://www.ieee802.org/1/files/public/docs2016/liaison-SG15-LS362-request_for_UML-0716.doc

Outgoing liaison discussion

- 3GPP RAN3 on 802.1CM
- IEEE 1914 on 802.1CM
- IEEE PES PSRC on TSN
- ITU-T Q13/15 on TSN
- ITU-T Q14/15 on YANG
- AVnu
- IEC SC65C WG15
- WFA
- IETF NVO3
- IETF YANG

Motions - Administrative

MOTION

- Support holding May 2017 interim meeting in Stuttgart

Proposed: Norm Finn

Seconded: Mick Seaman

- For: 24 Against: 0 Abstain: 7

MOTION

- 802.1 approves the March 2016 (Plenary) and May 2016 (Interim) minutes:

<http://ieee802.org/1/files/public/minutes/2016-03-minutes.pdf>

<http://ieee802.org/1/files/public/minutes/2016-05-minutes.pdf>

Proposed: Jessy Rouyer

Seconded: John Messenger

- Approved by Acclamation

Motions - Security

As required to request approval from 802.1 to/for:

- Request EC approval for P802.1AEcg Sponsor ballot⁵.
 - The P802.1ARce editor to prepare drafts for WG balloting¹.
 - Develop a P802.1AR-Rev PAR² at the Sept interim, with permission to pre-circulate to the EC.
 - Develop a P802.1AE-Rev PAR³ at the Sept interim, with permission to pre-circulate prior to the EC.
 - Security TG teleconferences⁴ to progress P802.1ARce, P802.1AEcg, P802.1Xck, P802E and other task group matters arising.
1. Motion authorising P802.1Xck working group balloting has already been passed. P802.1ARce ballots and P802.1Xck ballots expected to issue prior to the September 2016 interim meeting.
 2. To subsume the P802.1ARce work, withdrawing the latter PAR once P802.1AR-Rev is approved. Presumed that this needs full pre-circulation and notice, and cannot be taken to the EC as an administrative action at this meeting.
 3. Not to be submitted to NesCom until P802.1AEcg has been approved by RevCom.
 4. Next few teleconferences already scheduled (under prior resolution) to meet 30 day requirement. The plan is to hold P802E teleconferences in addition to teleconferences on other topics to maximise participation in P802E.
 5. Forwarding to ISO/IEC JTC1 for information under the PSDO agreement should be the subject of a separate motion under Maintenance, which handles PSDO liaison.

MOTION

- 802.1 confirms the CSD

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

And requests EC approval to forward P802.1AEcg D1.4 to Sponsor ballot.

- Proposed: Seaman Second: Randall

- For: 34 Against: 0 Abstain: 1

- EC proposed: Parsons Second:

- For: Against: Abstain:

[P802.1AEcg passed WG ballot 100% Approved,
No outstanding comments.

Approved 16, Disapproved 0, Abstained 15, Voters 50
MEC “is ready to ballot” (Catherine Berger)].

MOTION

- 802.1 confirms the PAR and CSD
 - <http://www.ieee802.org/1/files/public/docs2014/cg-draft-aecg-csd-0714-v3.pdf>

And requests EC approval to forward P802.1AEcg D1.4 to Sponsor ballot.

- Proposed: Jeffree Second: Randall
- For: 22 Against: 0 Abstain: 2

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

[P802.1AEcg passed WG ballot 100% Approved,
No outstanding comments.
Approved 16, Disapproved 0, Abstained 15, Voters 50
MEC “is ready to ballot” (Catherine Berger)].

MOTION

- 802.1 instructs the editor of P802.1ARce Secure Device Identity – Amendment: SHA-384 and P-384 Elliptic Curve (Mick Seaman) to prepare drafts for and conduct Working Group balloting¹.
- Proposed: Randall Second: Weis
- For: 32 Against: 0 Abstain: 2

1. The next P802.1ARce ballots expected to close prior to the September 2016 interim meeting. If it starts before 12th August that could be a 30-day WG ballot, otherwise that would be a 15-day Task Group ballot starting no later than 27th August. In either case our plan should allow for a WG ballot prior to the November 2016 meeting, and we would also require a full WG ballot after NesCom approval of the proposed P802.1AR-Rev PAR.

MOTION

- 802.1 authorizes the September 2016 Interim to generate a PAR and CSD¹ for P802.1AR-Rev [Secure Device Identity – Revision] for pre-circulation to the EC².
- Proposed: Randall Second: Seaman
- For: 34 Against: 0 Abstain: 2

1. Initial drafts are at <http://www.ieee802.org/1/files/public/docs2016/ar-seaman-rev-draft-par-0716-v01.pdf> and <http://www.ieee802.org/1/files/public/docs2016/ar-seaman-rev-draft-csd-0716-v01.pdf>
2. To subsume the P802.1ARce work, withdrawing the latter PAR once P802.1AR-Rev is approved. Presumed that this needs full pre-circulation and notice, and cannot be taken to the EC as an administrative action at this meeting.

MOTION

- 802.1 authorizes the September 2016 Interim to generate a PAR¹ for P802.1AE-Rev [Media Access Control (MAC) Security – Revision] for pre-circulation to the EC.
- Proposed: Randall Second: Seaman
- For: 35 Against: 0 Abstain: 0

1. Initial drafts are at
<http://www.ieee802.org/1/files/public/docs2016/ae-seaman-rev-draft-par-0716-v01.pdf>

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:
 - 16th August 2016 at 1.00 pm Pacific Time
 - 11th October 2016 at 1.00 pm Pacific Time
 - Additional dates/times to be announced subject to notice of at least 10 days to the 802.1 email exploder
- Proposed: Randall Second: Seaman
- For: 30 Against: 0 Abstain: 0

Motions – DCB

MOTION

- 802.1 authorizes DCB TG virtual conferences at 5 PM PT on alternate Tuesdays starting after completion of the initial Task Group ballot for 802.1Qcn VDP Extensions for NVO3.
- Start date to be announced at least 10 days before, to the 802.1 email exploder
- Proposed: Pat Thaler Second: Yizhou Li
- For_31___Against_0___Abstain_0___

MOTION

- 802.1 authorizes the editors of P802.1Qcn (Yizhou Li and Paul Bottorff) to prepare drafts for and conduct Task Group balloting.
- Proposed: Pat Thaler
Second: Max Riegel
- For_28____Against__0__Abstain__0__

MOTION

- 802.1 approves the liaison to the IETF NVO3 WG on VDP extension for NVO3

<http://www.ieee802.org/1/files/public/docs2016/dcb-liaison-ietf-nvo3-vdp-1607-v1.docx>

Moved: Pat Thaler

Second: Yizhou Li

- For_31____Against_0____Abstain__0__

MOTION

- 802.1 authorizes the September 2016 Interim to generate P802c PAR and CSD modification to add maintenance, including adding use of CID as a protocol identifier, for pre-circulation to the EC.
- Proposed: Pat Thaler
Second: Max Riegel
- For_32____Against__0__Abstain__0__

Motions - TSN

MOTION

- 802.1 resolves to hold pre-meeting(s) on the Monday morning of the November 2016 Plenary session for TSN.
- Proposed: János Farkas
Second: Rodney Cummings
- For_31____Against__0__Abstain__0__

MOTION

- 802.1 confirms the PAR and CSD and requests EC conditional approval to forward P802.1Qci, Per-Stream Filtering and Policing, to Sponsor Ballot.
 - PAR: <https://development.standards.ieee.org/get-file/P802.1Qci.pdf?t=86069100003>
 - CSD: <http://www.ieee802.org/1/files/public/docs2015/new-nfinn-input-gates-csd-0115-v03.pdf>
 - Proposed: Jeffree
 - Second: Farkas
- For 32 Against 0 Abstain 0
- EC proposed: Parsons Second: Thaler
 - For____Against____Abstain_____

Supporting information – P802.1Qci

- WG Recirculation ballot closed 22 July 2016

- Results:

Category	Total	Percentage
Yes	19	100.00%
No	0	0.00%
Abstain	9	32.14%
No. of Voters	50	100.00%
Voters responding	28	56.00%

- No outstanding Disapproves or comments
- Recirculation ballot will be conducted during August timeframe with a possible final recirc if any comments received.
- The comments will be resolved during the 802.1 Interim meeting, September 12-15, York, UK.

MOTION

- 802.1 confirms the PAR and CSD and requests EC conditional approval to forward P802d, Allocation of Uniform Resource Name (URN) values in IEEE 802 standards, to Sponsor Ballot.
- PAR: <http://www.ieee802.org/1/files/public/docs2015/new-parsons-URN-Namespace-PAR-1115-v01.pdf>
- CSD: <http://www.ieee802.org/1/files/public/docs2015/new-parsons-URN-Namespace-CSD-1115.pdf>
- Proposed: Jeffree
- Second: Farkas

For 29 Against 0 Abstain 0

- EC proposed: Parsons Second: Thaler
- For____Against____Abstain_____

Supporting information – P802d

- WG Recirculation ballot closed 06 July 2016

- Results:

Category	Total	Percentage
Yes	20	95.24%
No	1	4.76%
Abstain	10	32.26%
No. of Voters	50	100.00%
Voters responding	31	62.00%

- One outstanding Disapprove vote from Yizhou Li, but with no “Required” comments.
- Recirculation ballot will be conducted during August timeframe with a possible final recirc if any comments received.
- The comments will be resolved during the 802.1 Interim meeting, September 12-15, York, UK.

MOTION

- 802.1 authorizes Tony Jeffree, editor of P802.1Qch, Cyclic Queuing and Forwarding, to prepare drafts for and conduct Working Group balloting.
 - Proposed: Jeffree
 - Second: Farkas
- For 30 Against 0 Abstain 0

MOTION

- 802.1 confirms the PAR and 5C and requests EC conditional approval to forward P802.1CB Frame Replication and Elimination for Reliability, to Sponsor Ballot.
 - PAR: <https://development.standards.ieee.org/P828000033/par>
 - 5C: <http://www.ieee802.org/1/files/private/cb-drafts/d2/802-1CB-d2-5.pdf>
 - Proposed: Finn
 - Second: Farkas
- For 31 Against 0 Abstain 0
- EC proposed: Parsons Second: Thaler
 - For____Against____Abstain_____

Supporting information – P802.1CB

- WG Recirculation ballot closed 20 July 2016
- No outstanding Disapprove votes
- Recirculation ballot will be conducted during August timeframe with a possible final recirc if any comments received.
- The comments will be resolved during the 802.1 Interim meeting, September 12-15, York, UK.
- The final recirc will be in September timeframe if necessary

■ Results

CATEGORY	All respondents	
	TOTAL	%
Yes ^a	22	100
No	0	0
Voting Yes or No	22	71
Abs. Time	5	16
Abs. Expertise	3	10
Abs. Other	1	3
Non-voter	1	
Respondents ^{bc}	31	62
Voters	50	100
Liaisons responding	0	
No. of commenters	6	20
No. of comments	43	

MOTION

- 802.1 authorizes the September 2016 Interim to generate PAR and CSD for pre-circulation to the EC for LRP (new registration protocol).
- Proposed: János Farkas
Second: Feng Chen
- For_28___Against__0___Abstain__0___

MOTION

- 802.1 authorizes the TSN TG to continue to have virtual conferences weekly on Mondays at 8AM (US-Pacific) for TSN general topics. Access information is posted here:
<http://www.ieee802.org/1/pages/tsn.html>
and will be updated as necessary.
- Proposed: János Farkas
- Second: Craig Gunther
- For_30___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 here <http://www.ieee802.org/1/pages/tsn.html> and will be updated as necessary.
- Proposed: János Farkas
- Second: Geoff Garner
- Approve by acclamation

MOTION

- 802.1 authorizes the TSN Task Group to hold teleconference on August 30, 2016, 8-10 AM US Pacific Time to progress P802.1CM
- Access information will be available here <http://www.ieee802.org/1/pages/tsn.html>
- Proposed: János Farkas
- Second: Craig Gunther
- Approved by acclamation

MOTION

- 802.1 approves the liaison response to the ITU-T Q13/15 liaison LS 332
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-response-itu-t-com15-ls332-0716-v01.pdf>
- Proposed: János Farkas
Second: Geoff Garner
- For__28__Against__0__Abstain__0__

MOTION

- 802.1 approves the liaison response to the IEEE 1914 NGFI liaison
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-response-IEEE1914-NGFI-0716-v01.pdf>
- Proposed: János Farkas
Second: David Chen
- For__26__Against__0__Abstain__0__

MOTION

- 802.1 approves the liaison letter to 3GPP RAN3 on P802.1CM
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-3GPP-RAN3-0716-v01.pdf>
- Proposed: János Farkas
Second: David Chen
- For_26____Against__1__Abstain__0__

MOTION

- 802.1 approves the liaison response to IEC SC65C WG15 on IEEE P802.1CB
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-response-IEC-SC65C-WG15-0716-v01.pdf>
- Proposed: János Farkas
Second: Craig Gunther
- For_27___Against__1___Abstain__0___

MOTION

- 802.1 approves the response to the ITU-T SG15 liaison LS 353 on UML to YANG mapping and LS 362 on request for UML
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-response-itu-t-SG15-LS362-LS353-v01.docx>
- Proposed: Jessy Rouyer
Second: Janos Farkas
- For_27___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-0716-v01.pdf>
- Proposed: Craig Gunther
Second: Rodney Cummings
- For_27___Against__0__Abstain__0__

MOTION

- 802.1 approves the liaison letter to IEEE PES PSRC on TSN features
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-PESC-PSRC-0716-v01.pdf>
 - and authorizes the chair to resolve any conflict with the 802.24 approved version of the liaison
- Proposed: János Farkas
Second: Karl Weber
- For_26____Against__0__Abstain__0__

MOTION

- 802.1 approves the liaison response to IETF on draft-wilton-netmod-intf-vlan-yang-03
 - <http://www.ieee802.org/1/files/public/docs2016/liaison-ietf-intf-vlan-yang-0716-v01.txt>
- Proposed: Mick Seaman
Second: John Messenger
- For__26__Against__0__Abstain__0__

MOTION

- 802.1 approves the liaison response to Wi-Fi Alliance on Wi-Fi HaLow use case for Wireless Field Network on Industry Automation
 - <https://mentor.ieee.org/802.15/dcn/16/15-16-0548-01-0000-joint-meeting-response-to-wi-fi-alliance-request.docx>

And authorizes the chair to resolve any conflict with the 802.15 approved version of the liaison

- Proposed: Norm Finn
Second: John Messenger
- For_29___Against_1___Abstain_1___

Motions – OmniRAN

Motion

- Approve OmniRAN TG conference calls on:
 - September 27th, 09:30 AM ET, 90mins
 - October 25th, 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: Wang, Hao

Approved by Acclamation

Motion

- Authorize OmniRAN TG to hold an interim meeting in September at the IEEE 802 Wireless Interim in Warsaw, PL on September 13-15.
- Proposed: Max Riegel
Second: Wang, Hao
- For_29____Against__0___Abstain__2___

Motions - Maintenance

MOTION

- 802.1 authorizes Maintenance TG to hold teleconferences on 6th September and 1st November 2016 at 11am-1pm ET if necessary. Access information will be posted to the 802.1 reflector in advance.
- Proposed: Messenger Second: Rouyer
- Approved by acclamation

MOTION

- 802.1 requests EC approval to forward the following maintenance PAR to NesCom:
 - 802.1Q-Rev “Bridges and Bridged Networks”
 - <http://www.ieee802.org/1/files/public/docs2016/q-messenger-draft-revision-par-0716-v01.pdf>

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

- Proposed: Messenger Second: Rouyer
- For__24__Against__0__Abstain__1__

- EC proposed: Parsons Second: Thaler
- For____Against____Abstain_____

MOTION

- 802.1 requests EC approval to forward the comment responses in documents
 - <http://ieee802.org/1/files/public/docs2016/liaison-randall-SC6responseQbv-0716.pdf>
 - <http://ieee802.org/1/files/public/docs2016/liaison-randall-SC6responseAB-0716.pdf>
 - <http://ieee802.org/1/files/public/docs2016/liaison-randall-SC6responseQca-0716.pdf>

to ISO/IEC JTC1 SC6 under the PSDO agreement. These are responses to the comments received on recent 60-day ballots of 802.1Qbv-2015, 802.1AB-2016 and 802.1Qca-2015.

- Proposed: Messenger Second: Rouyer
- For__25__Against_0__Abstain__0__
- EC proposed: Parsons Second: Thaler
- For____Against____Abstain_____

MOTION

- 802.1 requests EC approval to forward the following standard to JTC1 SC6 for **adoption** under the PSDO agreement:
 - 802.1Qcd-2015 – Application VLAN TLV
- Proposed: Messenger Second: Rouyer
- For__25__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 once they have begun sponsor ballot :
 - P802.1AEcg
 - P802.1Qci
 - P802.1CB
 - P802d
- Proposed: Messenger Second: Rouyer
- For 27 ___ Against 0 ___ Abstain 0 ___
- EC proposed: Parsons Second: Thaler
- For Against Abstain

MOTION

- 802.1 confirms the PAR and requests EC conditional approval to forward P802.1AC-Rev to RevCom:
- Proposed: Messenger Second: Rouyer
- For_23___Against_0___Abstain__1___
- EC proposed: Parsons Second: Thaler
- For____Against____Abstain_____

* Note: There are no 5C/CSD for this maintenance PAR.

Supporting info for 802.1AC-Rev

- Recirculation ballot on D3.2 closed July 8th
- No new Disapprove comments
- 2 Disapprove votes (one from a previous ballot, one from latest ballot)
- 1 restated comment supporting a Disapprove vote
- Plan: recirculate in August; Comment resolution at 802.1 mtg Sept 12-15, 2016. Recirculate in Sept if necessary.

Supporting info for 802.1AC-Rev

Cl 12 SC 12.2 P 19 L 18 # [redacted]

Hamilton, Mark Ruck us Wireless

Comment Type GR Comment Status A

The Sponsor Ballot process can not be concluded successfully until this EtherType value is assigned.

Suggested Remedy

Get the assignment, and fill in Table 12-2.

Response Response Status U

ACCEPT IN PRINCIPLE. If the RAC assigns an EtherType before the recirculation ballot, or we can get permission to use another EtherType from the assignee, then the value will be inserted before recirculation (and the note removed). Otherwise, the value will be left as XX-XX and the note changed to state that the value will be inserted during the publication process, and the draft will be submitted to RevCom.

Cl 5 SC 5.1 P 5 L 36 # [redacted]

Kivinen, Tero INSIDE Secure

Comment Type ER Comment Status A

This is first use of LPD in the standard. Expand the acronym on the first use.

Suggested Remedy

Change "LPD" to "LLC Protocol Discrimination (LPD)"

Response Response Status W

ACCEPT.

Cl 12 SC 12.1 P 20 L 47 # [redacted]

Kivinen, Tero INSIDE Secure

Comment Type TR Comment Status A

The range is said to be 0600-FFFF in hexadecimal, but the decimal range does not match, as it is 1536-4095.

Suggested Remedy

Not sure which one is correct, the FFFF or 4095. Either change hexadecimal range from 0600-0FFF, or decimal range from 1536-65535.

Response Response Status W

ACCEPT IN PRINCIPLE. Change "4095" to "65535".

Motions – Any others?