

802.1 Plenary - 03/2014

Beijing

Closing Agenda

802.1 officers etc

■ Officers

- Chair: Tony Jeffree
- Vice Chair: Glenn Parsons
- Recording Secretary: Eric Gray
- Security TG Chair: Mick Seaman
- Interworking TG Chair: Steve Haddock
- AV Bridging TG Chair: Michael Johas Teener
- Data Center Bridging TG Chair: Pat Thaler
- Maintenance of website: John Messenger
- Maintenance of Email exploder: Hal Keen

■ Website

- <http://www.ieee802.org/1/>
- Username: p8021 Password: go_wildcats

Administrative stuff – Upload area

- Website – New Upload area
 - The new file upload facility can be accessed from the file naming conventions page at:
<http://ieee802.org/1/filenaming.html>

The following are 802.1 voters:

Ao, Ting

Boiger, Christian

Bottorff, Paul

Cheng, Weiying

Crupnicoff, Diego

Cummings, Rodney

Diamond, Patrick

DIARRA, Aboubacar

Kader

Farkas, Janos

Finn, Norman

Fredette, Andre

Garner, Geoffrey

Ghanwani, Anoop

Goetz, Franz

Gravel, Mark

Gray, Eric

Grow, Robert

Gunther, Craig

Haddock, Stephen

Hayakawa, Hitoshi

Hitt, Jeremy

Hussain, Rahil

Jakovljevic, Mirko

Jeffree, Anthony

Jochim, Markus

Johas Teener,

Michael

Keen, Hal

Kiessling, Marcel

Klein, Philippe

Kleineberg, Oliver

Lynch, Jeff

Mack-Crane, Ben

McIntosh, James

Messenger, John

Moldovansky,

Anatoly

Multanen, Eric

Muyshondt, Henry

Olsen, David

Pannell, Donald

Parsons, Glenn

Randall, Karen

Romascanu, Dan

Rouyer, Jessy

Saltsidis, Panagiotis

Schell, Rick

Seaman, Michael

Sexton, Daniel

Specht, Johannes

Stanton, Kevin

Steiner, Wilfried

Thaler, Patricia

Touve, Jeremy

Tretter, Albert

Weber, Karl

Wei, Yuehua

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

Weis, Brian

Woods, Jordon

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

Kim, Yongbum

Walter, Todd

Woods, Jordon

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 12 and 12a on inclusion of potential Essential Patent Claims by incorporation or by reference.

Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees with a PAR approved by the IEEE-SA Standards Board.

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
 - “Personal awareness” means that the participant “is personally aware that the holder may have a potential Essential Patent Claim,” even if the participant is not personally aware of the specific patents or patent claims
 - “Should inform the IEEE (or cause the IEEE to be informed)” of the identity of “any other holders of such potential Essential Patent Claims” (that is, third parties that are not affiliated with the participant, with the participant’s employer, or with anyone else that the participant is from or otherwise represents)
- The above does not apply if the patent claim is already the subject of an Accepted Letter of Assurance that applies to the proposed standard(s) under consideration by this group
- 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.

Task Group Patent policy announcements

- TG Chairs please note:
 - At the start of each TG meeting, TG Chair needs to perform the Call for Patents as per the previous slides.
 - During the rest of the week, please announce each morning that the meeting is subject to the Patents Policy as read and displayed at the opening of the TG meeting. If there are any responses to the call, minute it.
 - Point attendees at the PatCom website for details of the policy:

<http://standards.ieee.org/board/pat/index.html>

and for the slide set:

<http://standards.ieee.org/board/pat/pat-slideset.ppt>

802.1 Chair/Vice-Chair elections

- These elections will take place during the closing 802.1 Plenary on Thursday
- Nominations are invited at any time from now until the start of the closing 802.1 Plenary on Thursday(1:30)
- Nominees so far
 - Chair: Glenn Parsons
 - Vice-Chair: John Messenger
- 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.

Future interim meetings

- May 12th-16th 2014: John D'Ambrosia/Ethernet Alliance
 - <http://iee802.org/1/files/public/docs2013/admin-ea-offer-to-host-may2014-15-0713.pdf>
- September 8th – 11th 2014: Ottawa, Glenn Parsons/Ericsson
 - Brookstreet Hotel \$185 CDN
 - Meeting fee \$300/\$500 US
- January 19th-23rd 2015
 - 802-sponsored Interim, Atlanta
- May 11-15 2015: John D'Ambrosia/Ethernet Alliance
 - <http://iee802.org/1/files/public/docs2013/admin-ea-offer-to-host-may2014-15-0713.pdf>
- January 2016
 - 802-sponsored Interim, Atlanta

Plenary time pressure

- Plenary weeks are becoming problematic – increasing pressure on TG time
- Is it worth considering moving the closing Plenary to free up more time?
 - 5pm Thursday?
 - Friday morning?

A possible future for 802.1 standard development

- Michael Johas Teener...

OmniRAN EC SG Proposals towards IEEE 802.1

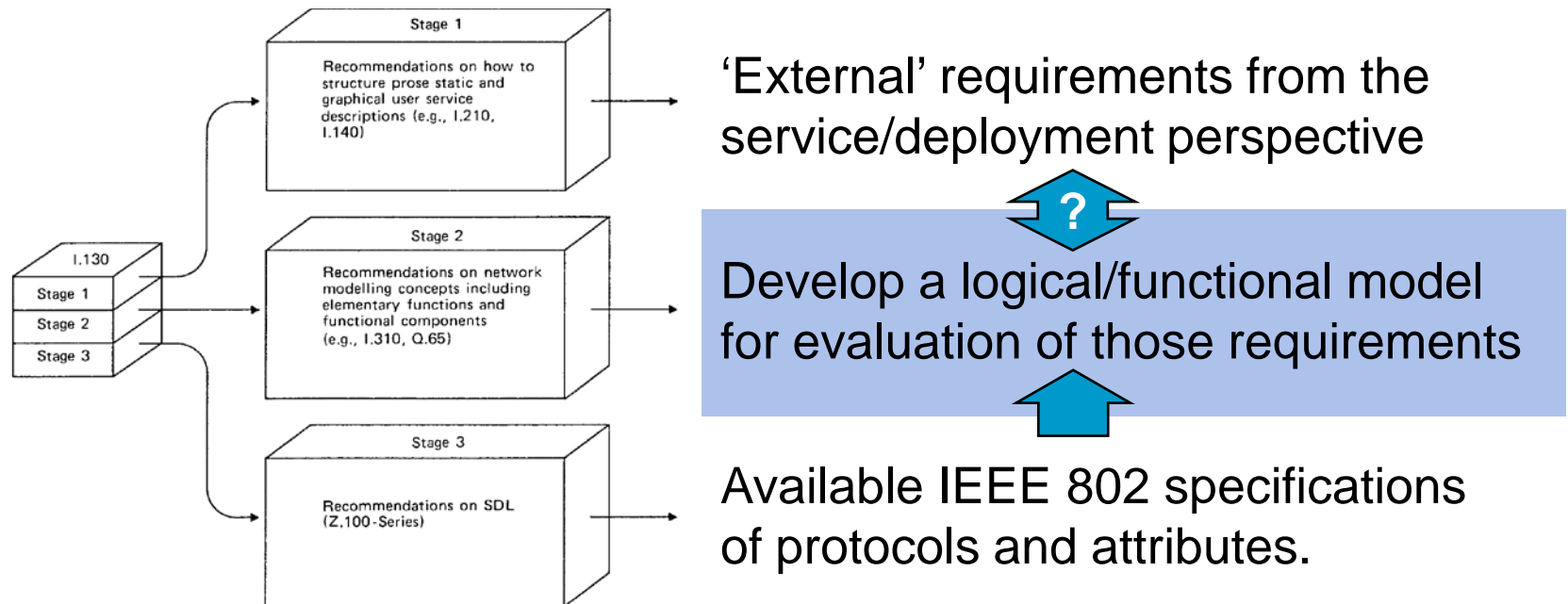
OmniRAN EC SG Chair:
Max Riegel (NSN)

OmniRAN EC SG Status and Outlook

- OmniRAN PAR proposal on IEEE 802.1CF Recommended Practice: 'Network Reference Model and Functional Description of IEEE 802 Access Network' was approved by IEEE 802 EC on November 15th, 2013
 - <https://mentor.ieee.org/omniran/dcn/13/omniran-13-0096-00-ecsg-approved-par-clean.pdf>
- The PAR is on the NesCom agenda for approval on March 26th, 2014
 - IEEE 802.1CF project starts after NesCom approval
- OmniRAN EC SG was extended in November 2013 until March 2014 to take care of the PAR approval by NesCom.
- OmniRAN EC SG will ask for another extension in the EC closing plenary, just for the case that NesCom asks for additional input.
 - *A Study Group is disbanded upon approval of the PAR by the IEEE-SA Standards Board.*
- How to establish the OmniRAN P802.1CF within IEEE 802.1?

OmniRAN P802.1CF provides a kind of ‘Stage 2’ Specification for IEEE 802

- The ITU-T defined in its Rec. I.130 a sequential 3 stage process, which is nowadays commonly used in most telecommunication network standardization activities.



- A ‘Stage 2’ specification provides a mapping of the existing IEEE 802 protocols to a functional network model, which facilitates easier evaluation and better understanding of end-to-end behavior.

Potential ToC of the P802.1CF specification

- Introduction and Scope
- Abbreviations, Acronyms, Definitions, and Conventions
- References
- Network Reference Model Network Reference Model
 - Overview
 - Reference Points
 - Access Network Control Architecture
 - Multiple deployment scenarios
- Functional Design and Decomposition Functional Description
 - Network Discovery and Selection
 - Association
 - Authentication and Authorization
 - Link establishment, relocation and teardown
 - QoS and policy control
 - Disassociation
 - Accounting
- SDN Abstraction SDN
 - Terminal
 - Access and Backhaul
- Annex:
 - Tenets (Informative)

Example Chapter Structure

■ Functional Design and Decomposition

– Network Discovery and Selection

- Generic functional requirements and information flows
- Ethernet functional design <- 802.3
- WPAN functional design <- 802.15
- WLAN functional design <- 802.11
- WMAN functional design <- 802.16
- WRAN functional design <- 802.22

– Authentication

– Link establishment

– QoS and policy control

– Link relocation

– Link teardown

– Accounting

OmniRAN Specification Workspace

- The P802.1CF specification provides a kind of functional framework across all IEEE 802 access technologies.
- The creation of the OmniRAN P802.1CF specification requires close cooperation with nearly all of the IEEE 802 WGs.
- Subject matter experts of the individual WGs should create technology specific input for P802.1CF
 - A well structured approach (divide and conquer;-) may be necessary to reduce the necessary effort for the individuals.
 - P802.1CF will have many contributors and part-time participants who are not members of 802.1
- Joint sessions with the other WGs are required to ‘socialize’ the content of the specification to engage review and subject matter experts.

Further Recommendations to IEEE 802.1

- To leverage the momentum created by the OmniRAN EC SG the new IEEE 802.1 TG dealing with the P802.1CF should
 - be named ‘OmniRAN TG’
 - continue with the OmniRAN filespace on mentor for convenient exchange of documents with members of the other IEEE 802 WGs
 - be allowed to arrange for reciprocal attendance credits with other WGs
 - meet when appropriate at interims with the wireless working groups

Envisioned activities of OmniRAN until July F2F

- Continue the work on the following topics:
 - Network Detection and Selection
 - Discussions with 802.1 Sec TG, 802.3, 802.11 and 802.15
 - Point-to-point links across bridged infrastructures
 - P802.1AEcg: Ethernet Data Encryption devices (Mick Seaman)
 - Using PBB-TE (with and without MiM) w/ OpenFlow or SNMP for control (Paul Bottorff)
 - What kind of specification on SDN in P802.1CF
- Meetings, teleconferences
 - Teleconference (late April, date t.b.d.)
 - 2 full days F2F meeting in Norfolk, VA
 - Teleconference (mid June, date t.b.d.)

JTC1 SC6 status

ISO/IEC JTC1 SC6 Status

- PSDO agreement in place to allow progress of IEEE standards in ISO/IEC
- EC JTC1 standing committee is administering the process for IEEE 802 Standards
 - 802.1, 802.3, 802.11, 802.22
- 802.1 has previously agreed to submit its standards to SC6
 - Most standards and their amendments
 - Currently phasing in approvals
 - Motion required per standard
 - To forward sponsor ballot draft for comment
 - To submit approved standard for PSDO approval

802.1 Stds for SC6 approval

- PSDO approved
 - 802.1AE
 - 802.1X
- PSDO in process (FDIS)
 - 802.1AS (Time synch) - Comments generated/circulated
 - 802.1AB (LLDP) - Comments generated/circulated
 - 802.1AR (Secure device ID) - Comments generated/circulated
 - 802.1AEbn - Comments generated/circulated
 - 802.1AEbw - Comments generated/circulated
- Information (SC6 comments on 802.1 sponsor ballot)
 - 802.1Xbx - sent
 - 802.1Q - still to be sent
 - 802 (O&A) - motion required
- PSDO to be submitted after 802.1Q
 - 802.1BA (AVB systems)
 - 802.1BR (Port extender)
- To be submitted (802.1 work in progress)
 - 802.1AX
 - 802.1AC

Sanity check – current workload

Project	Subject	Stage	Draft#	Next action	PAR ends
802	O&A	Sponsor recirc #2 Submitted to	D1.9	Recirc/RevCom	Dec '14
802.1Qbp	ECMP	RevCom	D1.7	RevCom approval	Dec '15
802.1AX-REV	Link Aggregation	WG ballot	D3.2	Sponsor ballot	Dec '16
802.1ASbt	Time synch enhancements	Editor's draft	D0.4	Editor's draft	Dec '15
802.1Qbu	Frame preemption	Editor's draft	D0.0	Editor's draft #2	Dec '16
802.1Qbv	Scheduled traffic	TG ballot	D1.1	TG ballot #2	Dec '16
802.1Xbx	MKA extensions	Sponsor ballot	D1.2	Comment resolution	Dec '16
802.1Q-REV	Bridging revision	Sponsor ballot	D2.0	Sponsor recirc	Dec '16
802.1Qbz	802.11 Bridging	TG ballot	D1.4	WG ballot	Dec '16
802.1Qca	SPB Path Control and Reservation	TG ballot	D0.6	TG ballot #2	Dec '16
802.1CB	Frame Replication and Elimination	PAR approved	-	Initial Editor's draft	Dec '17
802.1AC-REV	MAC service SRP enhancements & performance	TG ballot	D0.2	WG ballot	Dec '17
802.1Qcc	improvements	PAR approved	D0.1	TG ballot #1	Dec '17
802.1Qcd	Application VLAN TLV	WG recirc ballot	D1.1	Sponsor ballot	Dec '17
802.1ARce	AR: SHA-384 and P-384 Elliptic Curve	PAR development	-	PAR precirculation	
802.1CF	Access network (OmniRAN)	NesCom	-	PAR approval	
802.1AB Cor-2	Tech and ed corrections	NesCom	-	PAR approval	
802.1AEcg	Ethernet data encryptors	PAR development		PAR precirculation	
802.1Qch	Synchronous queueing and forwarding	PAR development	-	PAR precirculation	

TG reports

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

Motions

- 802.1 confirms the election of Glenn Parsons as 802.1 Chair

Proposed: Gray Seconded: Klein

For 20 Against 0 Abstain 0

Motions

- 802.1 confirms the election of John Messenger as 802.1 Vice Chair

Proposed: Gray Seconded: Klein

For 21 Against 0 Abstain 0

MOTION

- 802.1 approves the November 2013 and January 2014 minutes:

<http://www.ieee802.org/1/files/public/minutes/2013-11-minutes-v01.pdf>

<http://www.ieee802.org/1/files/public/minutes/2014-01-minutes-v01.pdf>

Proposed: Gray Seconded: Gilb

- Approved by acclamation

MOTION

- 802.1 resolves to hold pre-meeting(s) on the Monday morning of the July 2014 plenary session for TSN and Interworking
- Proposed: haddock
- Second: Gray

- Approved by acclamation

Motions - Security

None at this meeting.

Motions - Interworking

MOTION

- Authorize 1-hour teleconferences for 802.1Qbz/802.11ak coordination on 3/31, 4/14, and 5/5, and subsequent dates to be announced with at least 21 days notice, at 17:00 Eastern US time. Teleconference access details to be announced on the 802.1 reflector.
- Proposed: Haddock
- Second: Gray
- Approved by acclamation

Motion

- 802.1 requests EC approval to submit P802.1AX-REV to Sponsor Ballot.
- Proposed: Haddock
- Second: Saltsidis
- For __18__ Against __0__ Abstain __0__
- EC proposed: Second:
- For ____ Against ____ Abstain ____

MOTION

- 802.1 authorizes the editor of P802.1AC-REV (John Messenger) to prepare a draft for Working Group balloting. The ballot will also be issued to 802.11 and 802.16.
- Proposed: Haddock Second: Messenger
- For_23___Against_0__Abstain__0__

MOTION

- 802.1 authorizes the editor of P802.1Qbz wired/wireless bridging (Norm Finn) to prepare a draft for Working Group balloting.
- Proposed: Haddock Second: Finn
- For__22__Against_0__Abstain_0__

MOTION

- 802.1 authorizes the editor of P802.1Qca path control & reservation (Janos Farkas) to prepare a draft for Task Group balloting.
- Proposed: Haddock Second: Farkas
- For_22____Against_0__Abstain_0____

MOTION

- 802.1 approves the liaisons to the IETF regarding 802.1Qca.
- Proposed: Haddock Second:
- For__16__Against_1__Abstain_2__

Motions - Maintenance

Motion

- 802.1 approves the following comment resolutions for submission to ISO/IEC JTC1 SC6:

<http://ieee802.org/1/files/public/docs2014/liaison-ieee802response-AEbwFDISScmts-0314.pptx>

<http://ieee802.org/1/files/public/docs2014/liaison-ieee802response-AEbnFDISScmts-0314.pptx>

<http://ieee802.org/1/files/public/docs2014/liaison-ieee802response-ABFDISScmts-0314-V01.pptx>

<http://ieee802.org/1/files/public/docs2014/liaison-ieee802response-ARFDISScmts-0314-V01.pptx>

<http://ieee802.org/1/files/public/docs2014/liaison-ieee802response-ASFDISScmts-0314-V01.pptx>

- Proposed: Parsons
- Second: Grey
- For ___18___ Against ___0___ Abstain ___2___

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

MOTION

- Authorize teleconference meeting of the Maintenance task group on May 6th and July 8th at 11am ET.
- Proposed: Parsons
- Second: Gray
- Approved by acclamation

MOTION

- 802.1 requests editor (Tony Jeffree), on approval of the PAR, to create a 802.1AB-Cor2 draft for WG balloting.
- Proposed: Parsons
- Second: Gray
- For: 19 Against: 0 Abstain: 2

MOTION

- 802.1 authorizes May interim to prepare and review a CSD and PAR for P802.1AB revision for precirculation by the Chair.
- Proposed: Parsons
- Second: Gray
- For: 21 Against: 0 Abstain: 1

MOTION

- 802.1 requests EC approval to forward P802 to ISO/IEC JTC1 SC6, for information under the PSDO agreement.
- Proposed: Parsons Second: Gray
- For__19__Against_0__Abstain_2__

- EC proposed: Jeffree Second:
- For____Against____Abstain_____

Motions - TSN

MOTION

- Motion: The TSN TG will continue to have teleconferences weekly at 9AM (US Pacific) Wednesdays for TSN general topics. Access information will be sent to the 802.1 reflector immediately after the plenary.
- Proposed: Johas Teener Second: Gray
- ABA

MOTION

- 802.1 authorizes the editor of P802.1Qbv (Tony Jeffree) to prepare a draft for Task Group balloting.
- Proposed: Johas Teener Second: gray
- For__19__Against__0__Abstain__2__

MOTION

- 802.1 authorizes the TSN TG to consider the proposed PAR for P802.1Qch Standard for Local and metropolitan area networks—Bridges and Bridged Networks Amendment: Synchronized Queuing and Forwarding. The 802.1 Chair is authorized to pre-circulate the (possibly revised) PAR¹ for consideration at the July 2014 meeting.
- Proposed: Johas Teener Second:finn
- For_20___Against_0___Abstain_2___

¹Drafts presented this week, also at:

<http://www.ieee802.org/1/files/public/docs2014/new-tsn-mjt-peristaltic-shaper-par-5c-0312-v02.pdf>

Motions – OmniRAN

Motion to IEEE 802.1

- Assign the P802.1CF project to a new Task Group, called the OmniRAN Task Group, to facilitate the appropriate working environment for successful completion of the project.
- Proposed: Riegel Second: Gray
- For_19____Against____0_Abstain__3__

Motion to IEEE 802.1

- Approve that the OmniRAN TG can hold two teleconferences prior to the July plenary meeting. The teleconferences will be announced at least 21 days in advance on the IEEE 802.1 reflector.
- Proposed: Riegel Second: Gray
- ABA

Motions – O&A

P802 REV - Last ballot statistics

- Ballot Open Date: 27-Feb-2014, Ballot Close Date: 14-Mar-2014
- Comments: 41, Must Be Satisfied Comments: 40

- RESPONSE RATE: This ballot has met the 75% returned ballot requirement.
- 174 eligible people in this ballot group.
- 145 affirmative votes
- 5 negative votes with comments
- 0 negative votes without comments
- 7 abstention votes: (Lack of expertise: 3, Lack of time: 4)
- 158 votes received = 90% returned, 4% abstention

- APPROVAL RATE: The 75% affirmation requirement is being met.
- 146 affirmative votes
- 5 negative votes with comments
- 151 votes = 96% affirmative

- The comments are at:
 - <https://mentor.ieee.org/802-ec/dcn/14/ec-14-0019-02-00EC-802-sb3-comments.ods>

Unsatisfied no voters

- Roger Marks – 1 comment in SB3
- Geoff Thompson – 5 comments in SB2
- Bob Grow – 34 comments in SB2
- Mark Hamilton – 38 comments in SB3
- David Hunter – 25 comments in SB2
- Unsatisfied comments found at:
 - <https://mentor.ieee.org/802-ec/dcn/14/ec-14-0019-02-00EC-802-sb3-comments.ods>

Ballot schedule

- Next recirculation, starting 25 March 2014, 15 day ballot
- Conference call to resolve comments
 - 16 April, 2014, 8 am PDT
- Follow-on recirculation starting 25 April 2014, 15 day ballot
- Submit either for June RevCom or intermediate meeting.

Motion

- 802.1 requests EC conditional approval to submit P802 REV to RevCom.
- Proposed: Gilb
- Second: Gray
- For ___19___Against___0___ Abstain ___1___
- EC proposed: Second:
- For___Against___Abstain___

Motions - DCB

MOTION

- 802.1 requests EC approval to forward the IEEE 802.1Qcd PAR modification to NesCom

<http://www.ieee802.org/1/files/public/docs2014/cd-thaler-Qcd-PAR-mod-0314-v02.pdf>

- Proposed: thaler
- Second: Gray

For 19 Against 0 Abstain 2

Motion

- 802.1 requests EC approval to begin Sponsor ballot of 802.1Qcd

Ballot group formation to occur after the PAR modification is approved

- Proposed: Thaler
- Second: Gray

For 18 Against 0 Abstain 2

Motion

- Authorize the May interim to draft a PAR and CSD (including 5-Criteria), for precirculation to the EC, for an IEEE 802.1Q amendment on Credit-based Priority-based Flow Control (CPFC)
- Proposed: Thaler
- Second: Gray

For 6 Against 1 Abstain 13

Motions – Any others?

Motion

- 802.1 approves forwarding of “Software Defined Networking supported by IEEE 802.1Q” to MEF and CEF for information.
- Proposed: Messenger Second: Parsons
- For: 12 Against: 1 Abstain: 4

Motion

- 802.1 confirms the CSD for P802.1AX
- <http://www.ieee802.org/1/files/public/docs2012/new-ax-rev-draft-5c-0112.pdf>
- Proposed: Thaler
- Second: Gray
- For __18__ Against __0__ Abstain __0__

Motion

- 802.1 confirms the CSD for P802.1Qcd
- <http://www.ieee802.org/1/files/public/docs2013/new-p802-1qcd-draft-5c-0513-v01.pdf>
- Proposed: Thaler
- Second: Gray
- For __17__ Against __0__ Abstain __3__