

# 802.1 Motions for EC agenda, including supporting material

Closing IEEE 802 EC  
November 2017, Orlando

# Agenda - 1

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- Drafts to Sponsor ballot (ME)
  - IEEE 802.1CM – *conditional* – TSN for Fronthaul
  - IEEE 802.1Qcn – *conditional* – VSI VDP Extension to Support NVO3
- Liaisons (II)
  - Liaison response to NGMN - Xhaul
  - Liaison response to BBF - CFM OAM YANG
  - Liaison response to ITU-T SG15 LS68 – CFM OAM YANG
  - Liaison response to EtherCAT
  - Liaison response to PI
  - Liaison to WFA
- Liaisons (ME)
  - Liaison response from IEEE 802 to WBA

# Drafts to Sponsor ballot

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# Motion

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- Conditionally approve sending P802.1CM D2.0 to Sponsor Ballot
- Confirm the CSD for P802.1CM in <https://mentor.ieee.org/802-ec/dcn/15/ec-15-0073-00-ACSD-802-1cm.pdf>
- P802.1CM D1.0 had 84 % approval at the end of the last WG ballot
- In the WG (y/n/a): <y>,<n>,<a>
  - Proposed: János Farkas      Second: David Chen
- In EC, mover: Glenn Parsons      Second: Pat Thaler
  - (y/n/a): <y>,<n>,<a>

# Supporting information P802.1CM

- WG ballot closed: 23 October 2017
- 7 votes changed during the ballot comment resolution resulting in
  - 3 outstanding Disapprove votes, 6 outstanding Must Be Satisfied comments
- Comment resolution available here: <http://www.ieee802.org/1/files/private/cm-drafts/d1/802-1CM-d1-0-dis-v02.pdf>
- Recirculation ballot will be conducted during December with comment resolution during January Interim and on the TSN TG calls. A possible final recirculation in February if required with comment resolution on the TSN TG calls.

## Ballot results:

CATEGORY	All respondents	
	TOTAL	%
Yes	16	84.21
No	3	21.05
Voting Yes or No	19	100
Abs. Time	4	
Abs. Expertise	16	
Abs. Other	2	
No. of voting members	52	100
Voters responding	39	75
Non-voter Commenters	3	
No. of commenting contributors	18	
No. of comments	187	
TR	54	
T	26	
ER	33	

# Supporting information P802.1CM

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- 3 voters with outstanding Disapprove votes:
  - Bao, Shenghua
  - Cheng, Weiying
  - Garner, Geoffrey



# Supporting information P802.1CM

## P802.1CM/D1.0 TSN for Fronthaul Initial Working Group ballot comments

Cl 6 SC 6.1 & 6.2 P 12 & 13 L 20 # 32

Bao, Shenghua Huawei

Comment Type TR Comment Status R

Now eCPRI has been published, and as we all know that both Class I and Class II are all included in eCPRI specification scope. And the requirements of these two Classes are all the same.

So I don't think there is any necessity to separate into 2 different chapters like 6.1 and 6.2. They can be combined into one chapter, only the split descriptions have some differences. Others such as Latency and FLR and C&M requirements are all the same !!

SuggestedRemedy

Combine to one chapter

Response Response Status U

REJECT.

Class 1 and Class 2 correspond to two very different splits. Class 1 is Split E, which is a split between the Radio Function (RF) and the PHY. Whereas Class 2 is Split (ID;IU;U), which is an Intra-PHY split. The eCPRI specification [B6] makes it very clear that they are different splits, e.g., Figure 5 and Figure 32. As a consequence of having the split between different functional blocks of the RBS, different data is transmitted via the fronthaul interface. Furthermore, as section 1 of [6] describes: "Compared to the CPRI [1], eCPRI makes it possible to decrease the data rate demands between eREC and 10 eRE via a flexible functional decomposition while limiting the complexity of the eRE." Clearly, Class 1 and Class 2 correspond to two very different fronthaul interfaces, they are not the same. Therefore, subclauses 6.1 and 6.2 should not be merged. Such a merge would confuse a lot of readers of the 802.1CM specification.

Common requirements towards the bridge network come from the application of CPRI and eCPRI to the same radio interface, i.e., E-UTRA in particular. That is, the requirements are common because they come from E-UTRA. However, common requirements do not make two very different fronthaul interfaces the same.

Combining Class 1 and Class 2 would cause confusion in the industry.

Cl A SC A.11 P 42 L 28 # 58

Cheng, Welyng Coriant

Comment Type TR Comment Status A

This table implies that those items can be selected independently. However, some features must be used together. For example, if B-S-7 is used, then B-S-4 must be used. This table does not show this.

SuggestedRemedy

B-S-4 should be B-S-7:M

Response Response Status U

ACCEPT IN PRINCIPLE.  
See comment #43.

Cl A SC A.13 P 43 L 27 # 69

Cheng, Welyng Coriant

Comment Type TR Comment Status A

Same as comment 11

SuggestedRemedy

E-S-4 should be E-S-7:M

Response Response Status U

ACCEPT IN PRINCIPLE.  
Refers to comment #68.

The end station has to recover time, which implies T-TSC. It will be updated to make the relationship clear.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general  
COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn  
SORT ORDER: Comment ID

Comment ID 69

Page 2 of 2  
11/9/2017 8:48:04 PM





# Motion

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- Conditionally approve sending P802.1Qcn\* to Sponsor Ballot
- Confirm the CSD for P802.1Qcn in <https://mentor.ieee.org/802-ec/dcn/15/ec-15-0072-00-ACSD-802-1qcn.pdf>
- P802.1Qcn D1.0 had 100% approval at the end of the last WG ballot
- In the WG (y/n/a): <y>,<n>,<a>
  - Proposed: Pat Thaler      Second:
- In EC, mover: Glenn Parsons    Second: Pat Thaler
  - (y/n/a): <y>,<n>,<a>

\* Note that a change of designation to P802.1Qcy has been requested because of confusion of Qcn with the acronym for Quantized Congestion Notification (QCN).

# Supporting information P802.1Qcn

- WG ballot closed: 9 October 2017
- 3 Disapprove votes converted to approve for a final result of  
10 Yes  
0 No
- No outstanding Disapprove votes,

## Initial Ballot Results

CATEGORY	ALL RESPONDENTS	
	TOTAL	%
Yes	7	70
No	3	30
Voting Yes or No	10	27
Abs. Time	4	11
Abs. Expertise	23	62
Abs. Other	0	0
Respondents	37	37
Voters	43	83
Liaisons responding	0	
No. of commenters	5	14
No of comments	43	

# Schedule for recirculation

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- Nov 28 – Dec 13      First recirculation
- Jan 2 at 5PM Pacific call to resolve comments
- Dec 6 - NesCom/SB change designation to Qcy
- Dec 10 - Initiate Sponsor ballot pool formation after SB
- Jan 5 – Jan 20      Second recirculation
- Resolve comments at January interim to Sponsor ballot

# Liaisons (II)

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# Motion

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- Approve liaison of the following response to Next Generation Mobile Networks
  - <http://www.ieee802.org/1/files/public/docs2017/liaison-response-NGMN-RAN-functional-split-1117-v01.pdf>
- In the WG (y/n/a): <y>,<n>,<a>
  - Proposed: János Farkas      Second: Karl Weber
- In EC, mover: Glenn Parsons      Second: Pat Thaler
  - (y/n/a): <y>,<n>,<a>

# Motion

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- Approve liaison of the following response to Broadband Forum
  - <http://www.ieee802.org/1/files/public/docs2017/liaison-response-BBF-84-1117-v01.pdf>
- In the WG (y/n/a): <y>,<n>,<a>
  - Proposed: Jessy Rouyer      Second: János Farkas
- In EC, mover: Glenn Parsons      Second: Pat Thaler
  - (y/n/a): <y>,<n>,<a>

# Motion

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- Approve liaison of the following response (to LS 68) to ITU-T SG15
  - <http://www.ieee802.org/1/files/public/docs2017/liaison-on-response-ITU-T-SG15-LS68-1117-v01.pdf>
- In the WG (y/n/a): <y>,<n>,<a>
  - Proposed: Jessy Rouyer      Second: János Farkas
- In EC, mover: Glenn Parsons      Second: Pat Thaler
  - (y/n/a): <y>,<n>,<a>

# Motion

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- Approve liaison of the following response to EtherCAT Technology Group
  - <http://www.ieee802.org/1/files/public/docs2017/liaison-response-ETG-1117-v01.pdf>
- In the WG (y/n/a): <y>,<n>,<a>
  - Proposed: Karl Weber                      Second: János Farkas
- In EC, mover: Glenn Parsons      Second: Pat Thaler
  - (y/n/a): <y>,<n>,<a>



# Motion

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- Approve liaison of the following response to PROFIBUS and PROFINET International
  - <http://www.ieee802.org/1/files/public/docs2017/liaison-response-PI-1117-v01.pdf>
- In the WG (y/n/a): <y>,<n>,<a>
  - Proposed: John Messenger Second: János Farkas
- In EC, mover: Glenn Parsons Second: Pat Thaler
  - (y/n/a): <y>,<n>,<a>

# Motion

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- Approve liaison of the following letter to Wi-Fi Alliance
  - <http://www.ieee802.org/1/files/public/docs2017/liaison-WFA-1117-v01.pdf>
- In the WG (y/n/a): <y>,<n>,<a>
  - Proposed: John Messenger Second: János Farkas
- In EC, mover: Glenn Parsons Second: Pat Thaler
  - (y/n/a): <y>,<n>,<a>

# Liaisons (ME)

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# Motion

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- Approve <https://mentor.ieee.org/802-ec/dcn/17/ec-17-0208-02-00EC-draft-response-to-wba-liaison.docx> as communication to Wireless Broadband Alliance granting the IEEE LMSC chair (or his delegate) editorial license.
  - This approval is under LMSC OM “Procedure for coordination with other standards bodies”
- In the WG (y/n/a): <y>,<n>,<a>
  - Proposed: Pat Thaler      Second:
- In EC, mover: Glenn Parsons    Second: Pat Thaler
  - (y/n/a): <y>,<n>,<a>