

**Comments on IEEE P802.3cm PAR & CSD responses, and
their Resolution, by the Next-Gen 200 Gb/s & 400 Gb/s
PHYs over Fewer MMF Pairs Study group**

March 7, 2018

Comment from James Gilb related to PAR

“In each of the three PARs, the technical feasibility is asserted at various data rates, but in no location is the reach, range or distance listed. Hence it is impossible to evaluate the technical feasibility of the approach.

“Furthermore, the study groups, in developing the PARs, will have discussed and come to consensus on the reach, often documenting this in the project objectives. However, these objectives are not readily available to the EC for review.

“While I would prefer the reach to be in the PAR, as a compromise, I think it could fit in the CSD under technical feasibility. For example, it could say "The target length for the connections considered by this project is 100 m" That way, if there is a change, the WG will simply need to update the CSD.

“P802.3cm - Add connection length target for the standard to the CSD in Technical Feasibility.”

Resolution: we added the following sentence to our CSD responses under Technical Feasibility :

- Technical feasibility has been demonstrated up to a reach of at least 100 m.

802.11 PAR Review comments on 802.3cm - Amendment: 400Gb/s over MMF, PAR and CSD

CSD page 2 – “ delete – “In addition, it is expected that the protocol-specific definition of managed objects will be added in a future amendment to an IEEE 802.3 Standard for Management.” You cannot offer future work in the CSD/PAR.

Resolution: we deleted the text as suggested

CSD page 4 expand “QSFP”, “CO”, and “PMD” for first usage.

Resolution: we expanded the acronyms as requested, as shown in the modified CSD responses

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CSD page 5 – delete “In addition, it is expected that the protocol-specific definition of managed objects will be added in a future amendment to an IEEE 802.3 Standard for Management.” do not promise future work.

Resolution: we deleted the text as suggested

CSD page 6 – Reword to avoid using “Strong desire” and “Need to Support”

Resolution: we reworded to eliminate those phrases, as shown in the modified CSD responses

CSD page 7 expand “PAM4” and “VCSEL”

Resolution: we expanded the acronyms as requested, as shown in the modified CSD responses