

IEEE 1722 Call Meeting Minutes

June 2, 2020 9:00 to 10:00am PDT

Chair: Dave Olsen (Harman) – Present

Vice Chair: Gordon Bechtel – Present and took these minutes.

Secretary: Don Pannell (NXP) – Absent

Attendees:

- Ashley Butterworth - Apple
- Brian Edem – Marvell
- Craig Gunther – CG Consulting
- Dave Olsen - Harman
- Kieran Tyrrell – Sienda
- Matt Mora - Apple
- Max Turner – Ethernovia
- Yu-Ting Wu – Ford
- Yong Kim - Axonne

Dave Olsen reviewed administrative items, including reminders about the IEEE patent & copyright policies: <http://grouper.ieee.org/groups/1722/contributions/Minutes/IEEE%201722%20031020.pdf>

Gordon Bechtel gave an update on the [new website](#). He's making progress, but it's not yet ready to go live. He anticipates that it will be ready in about two weeks.

Dave Olsen provided an update on the P1722b PAR. Nescom has approved the PAR.

Yong Kim led a brief discussion on his [proposal to add SPI and I2C formats](#) to the 1722b project. After reviewing details in the PAR description, the group agreed that addition of the SPI and I2C formats was not clearly in scope. Craig Gunther warned that doing work that isn't in the PAR scope can lead to delays during the final ballot stages if someone catches the omission and requires that the PAR be modified at the last minute. The group agreed that the PAR should be amended, but we should do it "as late as possible but early enough" so that the PAR amendment impacts the project's schedule.

Gordon Bechtel reviewed his [latest presentation on out-of-order PDUs](#) resulting from redundant paths of different lengths. He listed three possible solutions to the problem. The group discussed these solutions and how to add them to the standard. The group agreed that we should add an appendix with the fundamental calculations for determining maximum data rate that is allowable without duplicating a sequence number during a failure. There are a variety of applications each of which has its own unique characteristics like Max Transit Time (e.g. stadiums vs. cars). Gordon will place a description of the problem, the calculations and the potential solutions as an appendix.

Ashley Butterworth review his updated proposal for a new stream header:

https://grouper.ieee.org/groups/1722/contributions/2020/Butterworth_AVTP_Ver1Header_questions.p

[df](#). His new proposal keeps the field for a GM ID from his original proposal, and adds a 32 bit sequence number.

We ran out of time, but Ashley Butterworth will provide an update on TRAF next week. Also, Kieran Tyrrell will provide an update on the H.265 format next week.

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