

IEEE 1722 Call Meeting Minutes
Sep 10, 2019 8:00 to 9:00am PST

Chair: Dave Olsen (Harman) – Present

Vice Chair: Matt Mora (Apple) – Not present

Secretary: Don Pannell (NXP) – Present & took these minutes.

Attendees:

Ashley Butterworth – Apple

Brian Edem – Aquantia

Christian Boiger – B-Plus

Craig Gunther – Independent

Dave Olsen - Harman

Don Pannell - NXP

Frank Baehren - Intel

Genio Kronauer – L-Acoustics

Gordon Bechtel – Bechtech

Ievgen Tatolov - Bosch

Kieran Tyrrell – Sienda

Marc Illouz - L-Acoustics

Max Turner – JLR

Richard Bugg – Meyer Sound

Yu-Ting Wu - Ford

The goal of the IEEE 1722 meetings is to create a PAR for an amendment to IEEE 1722-2016. The current target for PAR competition is the end of Oct 2019. Only those changes that are understood can be added to the scope of the project as the group needs to understand the maturity, support and the magnitude of changes of each proposed work item.

Administrative items were covered, such as reminders about the IEEE patent policies.

Ashley presented Temporally Redundant Audio Format:

http://grouper.ieee.org/groups/1722/contributions/2019/Butterworth_AVTP_TRAF.pdf

Can this be made backwards compatible to non-redundant? What about an option to add this to ALL 1722 formats? Do we need to include the offset time for the redundant audio data? And we need to provide default offsets per traffic class. There is an implementation of this in Open Avnu that was tested when this idea was introduced 2 years ago. The feeling of the room is to move forward with this in the PAR.

Ashley presented New Stream Header:

http://grouper.ieee.org/groups/1722/contributions/2019/Butterworth_AVTP_Ver1Header.pdf

Discussion centered around what 802.1AS-2020 will require for grandmaster_identity. Do we need to add a Domain number field too? Questions to the 802.1AS editor were proposed so that clarity can be gotten on this issue. More discussions are needed on this and the other issues brought up (about the tu bit's effectiveness). More example problems with figures was requested. Based on this the scope of this work can be determined for the inclusion of these ideas in the PAR or not.

Action Items:

AI: Dave Olsen will try to find the research results of the Temporally Redundant Audio Format tests that were done at Harman. He will present at a future meeting.

AI: Roger & Dave will work together to get AVTP's EtherType assigned to IEEE
In progress – forms have been submitted.

AI: Craig (& MAAP users) to define the requirements of backwards compatibility & to look at the versioning in MAAP to see if it needs updates.

AI: Kieran Tyrrell volunteered to investigate AV1

The next call is planned for Tuesday Oct 1st (3 weeks this time) at 8:00am PST. Proposed agenda will be sent out on the e-mail reflector.

-- End --