

802.3 Residential Ethernet SG Minutes – taken by John Nels Fuller

802.3 REsg 19-Jul-05

Mike Teener opened the meeting with a presentation on the structure and by-laws of the IEEE standards process, including reading the patent policy.

John C. Eidson gave a presentation titled “Recent Advances in IEEE 1588 Technology and Its Applications.” This was followed by a discussion of various 1588 issues.

Geoffrey M. Garner gave a presentation titled “Summary of Potential Choices for Synchronization Transport in Residential Ethernet.” This was followed by a discussion as to what additional information would be needed to choose an approach.

David V. James gave a presentation titled “Clock synchronization.” Discussion followed.

Seong-Soon Joo gave a presentation titled “Guaranteeing Deterministic End-to-End Delay.” Discussion followed.

Jin Seek Choi gave a presentation titled “An Isochronous Reservation Scheme for Bandwidth Guaranteed MAC in Residential Ethernet.” Discussion followed, group asked Mr. Choi to refine the proposal.

Felix Feifei Feng gave a presentation titled “GARP-based Simple Reservation Protocol.” Discussion followed.

Geoffrey M. Garner and Felix Feifei Feng gave a presentation titled “Delay Variation Simulation Results for Transport of Time-Sensitive Traffic over Conventional Ethernet.” Discussion followed. The consensus of the group was that these results argue for the approach proposed for Residential Ethernet.

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David V. James gave a presentation titled “Pacing.” Discussion followed.

Eric HS Ryu gave a presentation titled “Next steps on performance evaluation based on network simulation.” Discussion followed.

Dirceu Cavendish gave a presentation titled “Streams’ addressing in Residential Ethernets.” Discussion followed.

Michael Johas Teener led a discussion about Residential Ethernet Objectives and how to modify them as we transition to the 802.1 umbrella.

The September interim meeting will be co-located with 802.1 and will be announced on the reflector as soon as 802.1 makes its decision.

The meeting was adjourned at 3:00pm.