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# **IEEE 802.1 Audio/Video Bridging Task Group**

March 7-8, 2006  
Denver, CO, USA

# Agenda (1)

- Administrative & organizational
  - Recording secretary, patent policy, procedures, intros
  - Coordinating with other 802.1 efforts this week
  - Standards development schedule
- PARs/etc.
  - Timing Synchronization status
    - Tony/Mick?
  - SRP review/forwarding
    - MRP Stream Reservation Protocol status - Felix Feng
    - Discussion and review of proposed PAR and 5C
  - ResE Recommended Practice (for summer 06)
  - Bridge operation (for summer 06)

# Agenda (2)

- Initial Description of Possible Use of Sync and Followup Messages with Peer-to-Peer Transparent Clocks in AVB - Geoffrey M. Garner - 30 minutes
- Time-of-day timer synchronization - David James – 30 min
- Discussion: agreement on final approach (or on just two approaches)
  - Need to finalize approach so that simulations and analysis doesn't go into the weeds
- Delay Histogram Analysis - Paul Hongkyu Jeong with Geoffrey M. Garner, Eric Hyunsurk Ryu - 30 min
- Rate control - David James - 30 min

# Agenda (3)

- Discussion: Address/tagging for time synch (packets to be time stamped)
- Time Synch PAR comments response
- Discussion: Latency/queue draining scalable with per-link speed and SRP information, or fixed by traffic class?
- Discussion: Addressing/tagging for streams (multicast + PCP 4/5) review
- Discussion: Methods for “Defended Network” - Michael Johas Teener
- Current Summary of Bridge Operation - Michael Johas Teener

# Comments on Time Synch PAR

- The PAR describes the scope expected and promised in early work in this area. The five criteria on the other hand appear to narrow the project scope to only "full duplex Ethernet or similar links". Are there any other MAC WGs that provide such links than 802.3? The PAR and criteria should agree on the scope and application of the intended standard. If the project is only intended to address 802.3 links, the PAR should say that.
- The PAR form is not complete. Item 16 is not dated. Item 17 should reference related projects in the digital home area (e.g., UpNP). Item 20b is not answered.

# Schedule for standards development (part 1)

- Basic request: fast as can be done ...
  - Minimize deployment of non-standard devices
- Time synch
  - PAR March 06
  - First draft Summer 06
  - Vote Fall 06
- SRP
  - PAR Summer 06
  - First draft Summer 06
  - Vote Fall 06

# Schedule for standards development (part 2)

- Forwarding rules/queue operation
  - PAR Summer 06
  - First draft .1D/1Q rev Fall 06
  - Vote Spring 07
- Ethernet AV Architecture (recommended practice for 802.3 LANs with AV bridging)
  - PAR Summer 06
  - First draft Spring 06
  - Vote Spring 07