IEEE AVB Task Group Minutes
IEEE 802.1 Interim Eilat, Israel 5/12/2008 – 5/15/2008

Monday Morning 5/12/2008

- Agenda Overview – Michael Johas Teener

- Patent Policy reviewed – Michael Johas Teener

- IEEE WG Meeting Guidelines reviewed – Michael Johas Teener

- AVB Assumptions reviewed – Michael Johas Teener
  SRP assumptions
  avb-pannell-assumptions-0508-v14.pdf pages 1-9

Monday Afternoon 5/12/2008

- AVB Assumptions reviewed – Michael Johas Teener
  SRP assumptions
  avb-pannell-assumptions-0508-v14.pdf pages 10-16

  Qav assumptions
  Avb-pannell-assumptions-0508-v14.pdf pages 24-26

  BA assumptions
  Avb-pannell-assumptions-0508-v14.pdf pages 27-30

  802.11 assumptions
  Avb-pannell-assumptions-0508-v14.pdf page 31

  Other issues
  Avb-pannell-assumptions-0508-v14.pdf pages 32-33

Tuesday morning 5/13/2008

- AVB Assumptions reviewed – Michael Johas Teener
  PTP assumptions
  Avb-pannell-assumptions-0508-v14.pdf pages 17-23

- Casting of 1588 Best Master Clock Algorithm into 802.1D RSTP - Geoff Garner
  As-garner-casting-bmca-to-rtsp-formalism-0408-v02.pdf

  In the discussion the following decisions were discussed, they are in the order of discussion, not in any logical order:

  1) Should we have a premaster state? No
  2) If every bridge must participate in BMC, then must every bridge be GM capable? No
  3) Should we use the described new methodology that requires every bridge to support BMC and create our own spanning tree? Yes
  4) Should this new methodology be described in the style of RSTP or 1588? Main normative text will be described in RSTP style, with a possible informative annex describing it in 1588 style
  5) Should we use the path cost is proportional to the sum of the squares algorithm? No decision, needs more investigation
  6) Should we send Announce messages at a higher rate upon loss of GM and then back off to a lower rate over time? No decision, needs more investigation.

  Also the following new assumptions were added:
  1) Default BMC priorities need to be assigned to keep 802.11 stations from becoming GM
  2) Loss of GM is detected by a lack of Sync messages, no Announce timeout needed.
  3) Announce messages are sent immediately on loss of GM with no randomization
  4) No 2-msg qualification of Announce messages from potential masters.

Tuesday afternoon 5/13/2008

- Casting of 1588 Best Master Clock Algorithm into 802.1D RSTP - Geoff Garner

as-garner-casting-bmca-to-rtsp-formalism-0408-v02.pdf

- 802.11v Measurement Protocol – Kevin Stanton
  as-stanton-overview-of-wireless-1as-for-8021-eilat-05-08.pdf

Wednesday Morning 5/14/2008

- 802.1Qat Two & Three Step MSRP – Craig Gunther
  at-cgunther-3step-msrp-0408-v2.pdf

- 802.1Qat/D1.2 Draft Review – Craig Gunther
  802-1at-d1-cb.pdf

  In the discussion it was recommended that 802.1Qat/D1.3 be ready to go to ballot soon.

- 802.1Qav Forwarding and Queuing comment resolution - Tony Jeffree

Wednesday Afternoon 5/14/2008

- 802.1Qav Forwarding and Queuing comment resolution - Tony Jeffree

- Worst Case Latency in 802.1Qav Ethernet bridges – Michael Johas Teener
  av-mjt-max-delay-0408-v2.pdf

  Further work is still needed to analyze worst case latency with multiple classes

- 802.1Qav Forwarding and Queuing comment resolution – Tony Jeffree

Thursday Morning 5/15/2008

- 802.1Qav Forwarding and Queuing comment resolution – Tony Jeffree

- 802.1BA Discussion – Michael Johas Teener

Thursday Afternoon 5/15/2008

- 802.1BA Discussion – Michael Johas Teener

- 802.1AS Add new PTP assumptions to document – Michael Johas Teener