AVB TG
York, UK

Michael Johas Teener
mikejt@broadcom.com
Agenda (overall)

• Tuesday, Sept 26, 09.00-17.00, AVB only (in parallel with Interworking)
  – 802.1AS and other synch issues
  – start of 802.1at and other registration/admission control issues

• Wednesday, Sept 27, 09.00-17.00, AVB only (in parallel with Interworking)
  – forwarding/traffic shaping
  – LLDP improvement
  – higher level interfaces (UPnP/IETF/TestAV)

• Thursday, Sept 28, 09.00-12.00 jointly with Internetworking and Congestion Management (in parallel with Security)
  – 802.1av PAR development (Yong/Azarov with help from everyone)
  – Generalized discussion on queuing/flow management in bridges
Agenda (Tuesday)

- 10.15-10.30 Administrivia/agenda update
- 10.30-12.00 802.1AS time synch:
  - 10.30-14.00 : Draft 0.2 discussion (Garner)
  - 14.00-15.00 : Layering of 802.1AS (wired interfaces) (Garner)
  - 15.00-15:30 : Time stamp format (Garner/MJT)
  - 15.30-17.00 : Layering of 802.1AS (wireless) (Stanton)
Agenda (Wednesday)

• 09.00-10.30 : SRP (P802.1Qat) and higher layers discussion
  – 09.00-09.15 : SRP PAR status (MJT) ... all done!
  – 09.15-10.45 : Initial draft 0.1 discussion (Feng)
  – 10.45-12.00 : Higher level interfaces (Tuck/Feng)

• 14.00-15.00 : Queuing/forwarding/traffic shaping
  – 14.00-14.30 : Quantifying stream distortion in 7-hop Fast Ethernet network (Azarov)
  – 14:30-15.00 : Analysis of end-to-end delay for aggregate RCSP (ARCSP) (Azarov)

• 15.00-17.00 : Higher layers
  – 15.00-15.45 : Proximity detection using 802.1AS (Ryu)
  – 15.45-17.00 : TestAV and demonstration platforms (MJT)

• 17.00-18.00 : 1588 conf call (time stamping)
Agenda (Thursday AM)

• 802.1Qav PAR/5C review (Yong/Azarov)
Future Work

• 1588 cooperation ....
  – Coexistence of non-802.1AS 1588
    • (using non-colliding addresses, use of BC at AVB cloud boundary)

• Setting up the QoS-managed cloud
  – Using LLDP and 802.1AS functions, where do we put this information?
  – Supporting LLDP revision (P802.1ABaw?)

• G.8261 relationship (formerly “G.pactiming”) 
  – TDM over provider bridged networks
  – G.8261/Y.1361 (05/2006) Ethernet over Transport aspects – Quality and availability
  – G.pacclock/G.pacmod ...