IEEE 802.1
Residential Bridges Task Group

January 10-11, 2006
Sacramento, CA, USA
Agenda (Jan 10, PM)

• Administrative & organizational
  – Recording secretary, patent policy, procedures, intros
  – Coordinating with other 802.1 efforts this week
  – Standards development schedule

• Time synchronization
  – 1588 Status - John Eidson
  – Time-of-day timer synchronization - David James
  – Comparison of Synchronization Protocol Aspects Currently Discussed for ResB with IEEE 1588 - Geoff Garner
  – Discussion: Compatibility between layer 2 and higher layer time synch protocols
    • (how much of existing 1588 is required and/or desirable at layer 2, how do 802 ResB requirements mesh with 1588, etc.)
Agenda (Jan 11)

• PARs/etc.
  – Rename group to “AV Bridges”? 
  – Timing Synchronization 
  – SRP 
  – ResE Recommended Practice 
  – Bridge operation 

• Technical 
  – GARP Stream Reservation Protocol - Felix Feng 
  – (possible) Worst-case Ethernet Network Latency for Shaped Sources - ??? for Max Azarov 
  – Summary of Bridge Operation - Michael Johas Teener 
  – Methods for “Defended Network” - Michael Johas Teener 
  – Needed discussions: 
    Addressing/tagging for streams (multicast + PCP 4&5?) 
    Addressing/packet format for time synch
Name beauty contest

- “AV Bridging TG” 14
- “Residential AV Bridging TG” 3
- “Residential Bridges TG” 5
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