

# 802.1 – Activities & status

Tony Jeffree, 802.1 WG Chair

16<sup>th</sup> November 2001

# Areas of work

- 802 Architecture
- Interworking between 802 technologies
  - “Technical Plenary” if needed
- MAC Bridging
  - “traditional” bridging
  - VLAN bridging
- LAN management
- Website: <http://www.ieee802.org/1/>

# Status of current projects - (1)

- Standard 802 revision (Overview & Architecture)
  - Approved by June RevCom
  - Ongoing residual problems re compliance and IEEE trade-marks – recirc to delete Clause 5 before publication resulted in 6 negative votes. Resolved to request the Standards Board to publish the previously agreed and approved version (draft 29) – i.e., including Clause 5 unchanged
  - The RAC Chair requested that the following note be added to 9.2.1, paragraph 2 before publication:  
“NOTE - The requirement for the use of 64 bit addresses in new applications is under consideration by the IEEE Registration Authority (RAC).”

# Status of current projects - (2)

- P802.1s - Multiple Spanning Tree support in VLANs
  - Discussion of new state machines – now looking as if the technical issues are mostly resolved
  - Draft 11 will be circulated for Task Group ballot in early December 2001

# Status of current projects - (3)

- P802.1y – Maintenance items for 802.1D (including t, w)
  - Some bug fixes related to 802.1w; Draft 2 will be circulated in the December time frame
- P802.1z – Maintenance items for 802.1Q (including v)
  - Nothing so far identified
- P802.1aa – Maintenance items for 802.1X
  - Various proposed changes resulting from implementation experience ; Draft 2 will be circulated in the December time frame

## Status of current projects - (4)

- 802.1H – MAC Bridging of Ethernet – 5 year reaffirmation ballot passed – submitted to RevCom
- “Playpen Ethertypes” PAR to be submitted to NesCom

# Joint Meetings:

- Met with 802.3 EFM to discuss bridging issues (How to achieve compatibility with Transparent Bridging in EPONs)
- Met with Wireless groups to discuss Link Layer issues (these proved to be non-issues)
- Met with 802.17 RPR to discuss bridging issues (support for Transparent Bridging plus possible alternatives)