

# 802.1 – Activities & status

Tony Jeffree, 802.1 WG Chair

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# Areas of work

- 802 Architecture and interworking between 802 technologies
  - Cross-802 Architecture group
  - “Technical Plenary” if needed
- Interworking Task Group:
  - “Traditional” (802.1D) bridging
  - VLAN (802.1Q) bridging
  - Provider bridging
  - LAN management
  - Discovery mechanisms
  - Connectivity fault management
- Audio Video bridging (AVB) Task Group:
  - Time synchronization
  - Stream reservation and transmission support
- Data center bridging (DCB) Task Group:
  - Congestion management
  - Per priority flow control
- Security Task Group (currently hibernating):
  - Secure frame transmission
  - Key management
  - Secure device identity

# Officers

- Chair: Tony Jeffree
- Vice Chair: Paul Congdon
- Recording Secretary: Eric Gray
- Interworking TG Chair: Steve Haddock
- Link Security TG Chair: Mick Seaman
- AV Bridging TG Chair: Michael Johas Teener
- Data Center Bridging TG Chair: Pat Thaler
- Maintenance of Email exploder: Hal Keen
- Maintenance of website: John Messenger
  - Website: <http://www.ieee802.org/1/>

# Status of current projects - (1)

- P802-REV – Overview and Architecture revision
  - Current draft is D0.0
  - TG balloting of D1.0 expected in April/May 2010 timeframe.
- MAC Service revision (P802.1ac)
  - Initial input generated based on ISO/IEC JTC1 standard 15802-1 plus ISS, E-ISS from 802.1D and 802.1Q
  - WG balloting due in April/May timeframe.
- Std 802.1D – MAC Bridges
  - Reaffirmation ballot to be completed before July

# Status of current projects - (2)

- P802.1aq – Shortest Path Bridging
  - Current draft is D2.5
  - Working Group balloting will start April/May timeframe
- P802.1AS – Timing and Synchronization in LANs
  - Current draft D6.7
  - Sponsor ballot to start in April/May 2010 timeframe

# Status of current projects – (3)

- P802.1Qat – Stream Reservation Protocol –
  - Current draft is D5.0
  - Initial Sponsor ballot completed; recirculation ballot in April/May timeframe.
- P802.1Qau – Congestion Notification –
  - Current draft is D2.4
  - Sponsor ballot completed successfully; Submitted to RevCom.
- P802.1H Revision – MAC Bridging of Ethernet
  - The PAR for this project is to be withdrawn.

# Status of current projects - (4)

- P802.1Q Revision
  - Working group ballot completed on D1.0; further WG ballot before July 2010.
- P802.1Qaz – Enhanced Transmission Selection
  - Current draft is D1.2
  - Awaiting further WG ballot.
- P802.1BA – AVB Systems
  - Task group ballot of D1.0 completed; further TG ballot in April/May timeframe.
- 802.1Qbb – Priority based Flow Control
  - Current draft D1.3
  - Expect Sponsor ballot in April/May timeframe.

# Status of current projects - (5)

- 802.1Qbc – Remote Customer Service Interface
  - Task group ballot of D1.1 completed; initial WG ballot in April/May timeframe.
- 802.3bd – MAC control frame
  - Working group ballot completed; Sponsor ballot in April/May timeframe.
- 802.1Qbe – MIRP
  - Working group ballot completed; submission to Sponsor ballot in April/May timeframe.
- 802.1Qbf – PBB-TE infrastructure protection
  - Task group ballot of D0.1 completed; further TG balloting in April/May timeframe.



# Status of current projects - (6)

- 802.1Qbg – Edge Virtual Bridging
  - PAR approved. TG balloting to start before July.
- 802.1Qbh – Bridge Port Extension
  - PAR approved. TG balloting to start in April/May.
- 802.1AXbk – Link Agg addressing
  - PAR submitted.

# Next Interim meetings

- May 2010:
  - Geneva, Switzerland
- September 2010:
  - York, England
- Details will be posted on Website:  
<http://www.ieee802.org/1>