802.1 – Activities & status

Tony Jeffree, 802.1 WG Chair
Monday, November 8, 2010
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
- AV Bridging TG Chair: Michael Johas Teener
- Data Center Bridging TG Chair: Pat Thaler
- Link Security TG Chair: Mick Seaman
- 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 expected in December-March 2010/11 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. Current draft is D1.2
  - WG ballot completed; comment resolution this week.

- **Std 802.1D – MAC Bridges**
  - Reaffirmation ballot completed; reaffirmation to be forwarded to RevCom.
Status of current projects - (2)

- **P802.1aq – Shortest Path Bridging**
  - Current draft is D3.2
  - Working Group ballot completed; comment resolution this week

- **P802.1AS – Timing and Synchronization in LANs**
  - Current draft D7.5
  - Sponsor ballot recirculation completed; comment resolution this week

- **P802.1Qat – Stream Reservation Protocol**
  - Published.
Status of current projects - (3)

- **P802.1Q Revision**
  - Working group recirc ballot completed on D1.3; comment resolution this week

- **P802.1Qaz – Enhanced Transmission Selection**
  - Current draft is D2.0
  - First Sponsor ballot completed; comment resolution this week

- **P802.1BA – AVB Systems**
  - WG ballot completed. D2.1 “work-in-progress” needs work this week prior to recirc.

- **802.1Qbb – Priority based Flow Control**
  - Current draft D2.3
  - Sponsor ballot recirc completed; final recirc will be needed to align with Q-REV when that completes.
Status of current projects - (4)

- **802.1Qbc** – Remote Customer Service Interface  
  - Sponsor recirc ballot of D1.4 completed; comment resolution this week.

- **802.3bd** – MAC control frame  
  - Sponsor ballot recirc completed; comment resolution this week.

- **802.1Qbe** – MIRP  
  - Sponsor ballot completed on draft 1.5; comment resolution this week.

- **802.1Qbf** – PBB-TE infrastructure protection  
  - Working group ballot of D1.0 completed; comment resolution this week.
Status of current projects - (5)

- 802.1Qbg – Edge Virtual Bridging
  - TG ballot of D1.2 complete; comment resolution this week.

- 802.1Qbh – Bridge Port Extension
  - TG ballot of D0.5 complete; comment resolution this week.

- 802.1AXbk – Link Agg addressing
  - PAR approved. Initial draft to be generated.
Next Interim meetings

- January 2011: Kauai, Hawaii.
- Details will be posted on Website: http://www.ieee802.org/1