

25 Gb/s Ethernet Task Force Architecture Ad Hoc Report

Matt Brown, APM
Architecture Ad Hoc Chair
P802.3by Editor-in-Chief

Report

- 5 ad hoc calls since January interim
 - April 8, 15, 29, May 6, 13
- 111+ attendees
- 14 contributions presented (see next slide)
- Meeting minutes and presentation materials:
<http://www.ieee802.org/3/by/public/adhoc/architecture/index.html>
- Further work: TBD
- Next meeting: TBD

Presentations

- 25GBASE-CR cables
 - "Two cable types for 25GBASE-CR and 25GBASE-CR-S Updated", Matt Brown
 - "Working towards support of 3m no FEC cables", Rich Mellitz
- RS-FEC Encoding
 - "Support for CWM removal", Jeff Slavick
 - "AM0 Talking Points", Eric Baden
 - "Use of RCWMs in Clause 108 RSFEC EEE", Don Cober
 - "RS-FEC EEE Fast Lock Using Rapid Codeword Markers", Oded Wertheim
 - "Options for RS-encoded 25GE", Juan-Carlos Calderon
 - "MTTFPA considerations for 25GbE no FEC mode", Phil Sun
 - "RS-FEC LPI signaling", Adee Ran
 - "CWMs in IEEE 25GE (802.3by)" Updated", Eric Baden
- 25G-AUI C2M
 - "Two ways of showing 25G-AUI compliance", Piers Dawe
 - "CTLE Enhancements for 25G_AUI", Gary Nicholl
- Other
 - "Comment #108 - Overloaded 25GBASE-CR term", Kent Lusted
 - "Draft Informal Communication to SFF", Dan Dove