



IEEE P802.3an Task Force

Closing Plenary Meeting Report

San Antonio, TX
November 18, 2004

Brad Booth, Chair
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Reflector and Web

- To subscribe to any of the 10GBASE-T reflectors send an email to:

listserv@ieee.org

with the following in the body of the message:

subscribe stds-802-3-10GBT <your name>
end

for example:

subscribe stds-802-3-10GBT Brad Booth
end

- P802.3an Task Force web page URL:

<http://www.ieee802.org/3/an/>

P802.3an Documents

- **Draft**
 - Currently reviewing Draft D1.1
- **PAR**
 - http://www.ieee802.org/3/10GBT/public/nov03/par_2_1103.pdf
- **5 Criteria**
 - http://www.ieee802.org/3/10GBT/public/nov03/5Criteria_2_1103.pdf
- **Objectives**
 - http://www.ieee802.org/3/10GBT/public/sep03/objectives_1_0903.pdf

Private Area

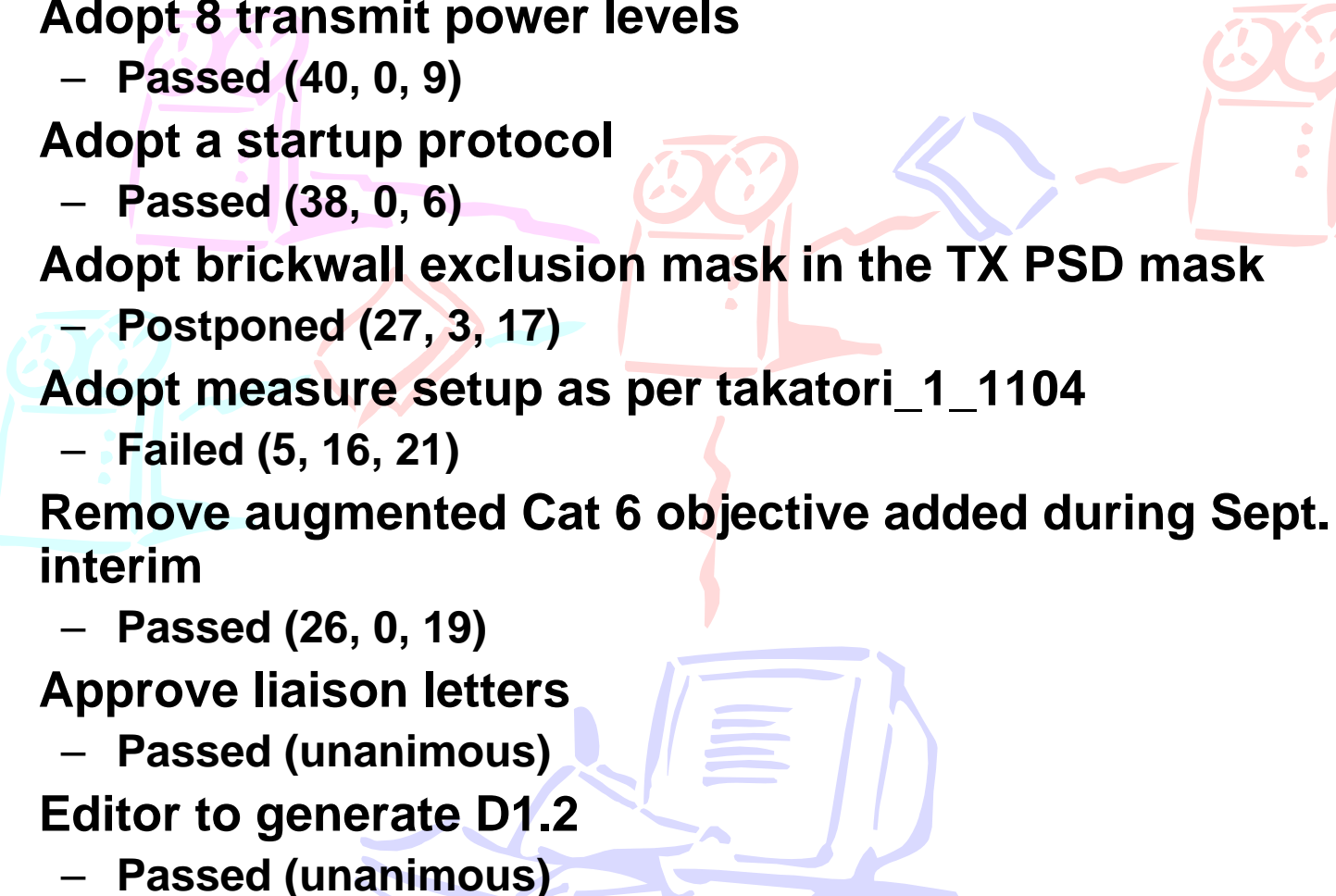
- **URL:**
 - www.ieee802.org/3/an/private/
- **Access**
 - Userid: 802.3an
 - Password: ***** (case sensitive)
- **Write it down!!**



eMotions

- **Adopt constellation, LDPC code, framing from ungerboeck_1_1104**
 - Failed (10, 17, 22)
 - Reconsider (25, 0, 8)
 - Passed (33, 4, 9)
- **Adopt mapping, LDPC code, framing from dabiri_1_1104**
 - Failed (20, 18, 11)
- **Adopt mapping, LDPC code, framing from rao_1_1104**
 - Failed (9, 23, 22)
- **Adopt optional loop timing**
 - Passed (35, 0, 11)
- **Adopt transmit PSD mask**
 - Passed (27, 3, 20)
- **Generate a single worst case link segment**
 - Passed (14, 3, 5)
- **Maintain time domain transmitter pulse specifications**
 - Failed (10, 15, 19)

eMotions (cont.)

- **Adopt 8 transmit power levels**
 - Passed (40, 0, 9)
 - **Adopt a startup protocol**
 - Passed (38, 0, 6)
 - **Adopt brickwall exclusion mask in the TX PSD mask**
 - Postponed (27, 3, 17)
 - **Adopt measure setup as per takatori_1_1104**
 - Failed (5, 16, 21)
 - **Remove augmented Cat 6 objective added during Sept. interim**
 - Passed (26, 0, 19)
 - **Approve liaison letters**
 - Passed (unanimous)
 - **Editor to generate D1.2**
 - Passed (unanimous)
- 

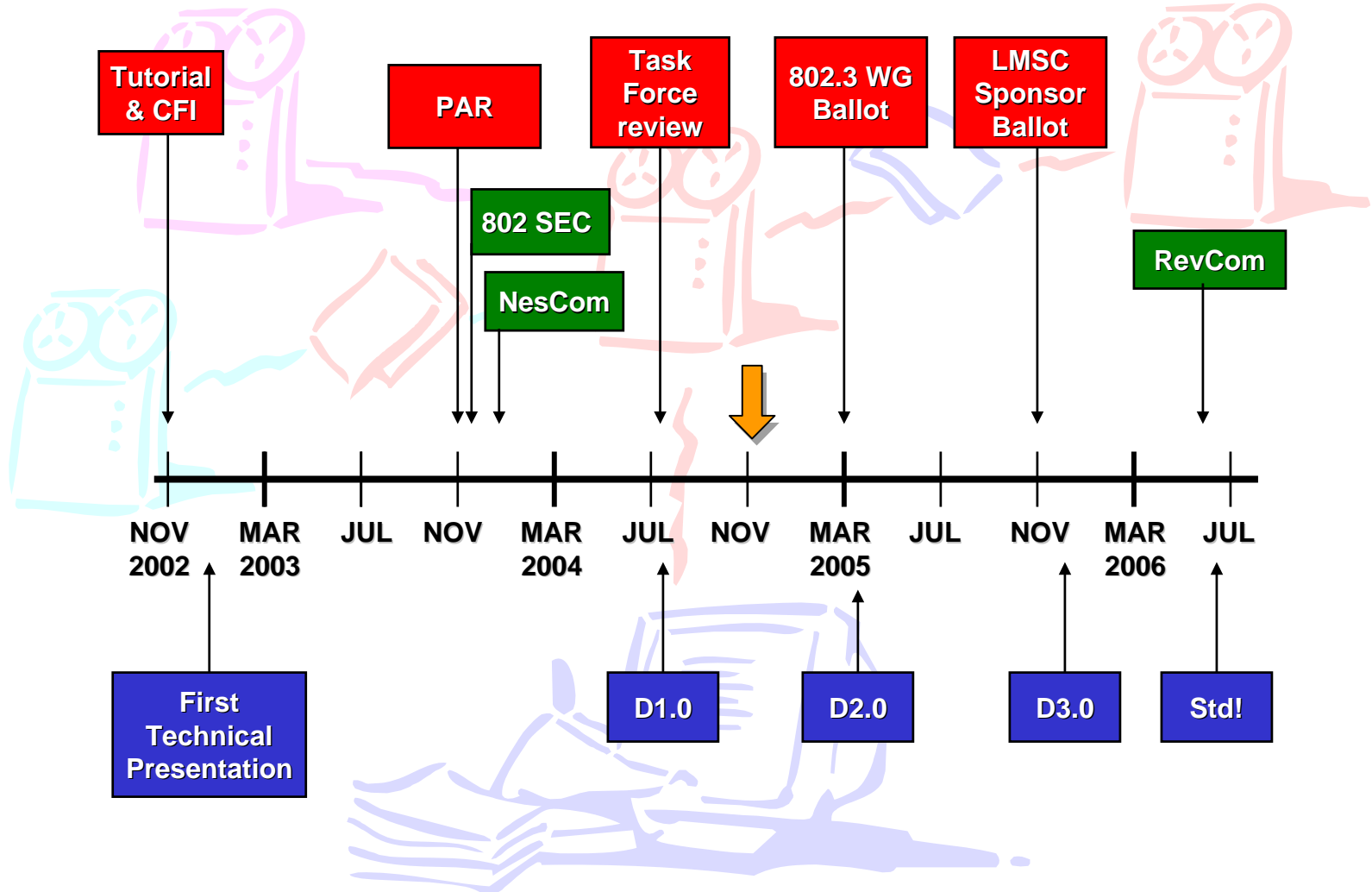
Snapshot of the Week

- **Responded to comments against D1.1**
 - 138 comments
 - 87 technical; 51 editorial
 - 12 presentations related to comments
 - Plugged a lot of technical holes
- **Tasked the Editor with the generation of D1.2**
- **Liaison letters**
 - TIA liaison letter
 - ISO/IEC liaison letter

To Do List

- ✓ LDPC code
- ✓ 128DSQ mapping/frame structure
- ✓ THP coefficient exchange/initialization (framework)
- ✓ Transmit PSD mask
- ✓ Startup and training
- ✓ Power backoff (baseline)
- Alien far end crosstalk (AFEXT)
- Latency
- Clause 45 registers

P802.3an Timeline



802.3 Motion: Liaison Letters

- Move that 802.3 approve and forward the two liaison letters, with appropriate edits by the Chair (or his appointed agent), to TIA TR-42 and ISO/IEC 11801 JTC 1/SC 25/WG 3.
 - TIA TR42: tia_1_1104
 - ISO/IEC: iso_1_1104
- M: B. Booth
- S: S. Carlson
- Technical (>75%)
- 802.3 Voters: Y: by voice N: A:
- **PASSES**



Thank You!