IEEE 802.3ab TASK FORCE PLENARY MEETING

Hyatt Regency La Jolla, CA, July 7-8, 1998

MAIN RESULTS OF THIS MEETING:

- Draft 3.0 with approved changes from the Task Force was unanimously approved for Working Group Ballot.
- All the Task Force comments to Draft 3.0 were resolved.
- The most significant changes to Draft 3.0 include:
    - New Common-mode Noise Rejection test (40.6.1.3.3)
    - Modified jitter spec (40.6.1.2.5)

NEXT MEETING (COMMENT RESOLUTION): September 3-4, 1998, Austin.
PLENARY MEETING: November 8-13, 1998, Hyatt Regency, Albuquerque, NM.

***MINUTES (approved 9/3/98)

***TUESDAY, JULY 7, 1998

The meeting was called to order by George Eisler, Chairman, at 2:05 PM. The list of the 61 attendees is part of these minutes.

George Eisler discussed the agenda for the meeting.

The minutes of the April 1998 Interim meeting and the June 1998 Editorial meeting were approved by acclamation (moved by M. McConnell and seconded by H. Hinrichs).

PRESENTATION 1: *"An Improved Common Mode Noise Tolerance Test for 1000BASE-T"* by Luc Adriaenssens (paper copy is attached to these minutes).

PRESENTATION 2: *"Transmitter Jitter Specifications"* by Abhijit Phanse (paper copy is attached to these minutes).

PRESENTATION 3: *"Proposed Changes to Jitter and Vd Specifications"* John Creigh (paper copy is attached to these minutes).

PRESENTATION 4: *"Timing Jitter Specifications for 1000BASE-T"* by Sailesh Rao (paper copy is attached to these minutes).

Colin Mick led the discussion of comments about Draft 3.0. The list of these comments is attached to these minutes.

The meeting was adjourned at 5:40 PM.

The meeting was called to order by the Chair, George Eisler at 8:40 AM.

PRESENTATION 5: *"Addendum No. 3 to ANSI/TIA/EIA-568-A"* by Terry Cobb. He also showed a copy of a letter from Charles Berestecky, Chair of TIA TR-41, to Geoff Thompson, Chair of 802.3 in reference to converting an Addendum to a Technical Systems Bulletin for further specifying CAT-5 for 1000BASE-T applications (paper copies are attached to these minutes).

Discussion of other comments continued and the following motions were debated:

MOTION 1 (technical---approved): *"Move to accept the clamp CMRR test with editorial changes to be written and approved today"*
Moved by T. Ross, seconded by R. Campbell. In favor: 39, Against: 0, Abstain: 4. Motion 1 carries.

MOTION 2 (technical---approved): *"Move to adopt levels that correspond to a 3V/m radiated immunity test (section 40.6.1.3.3) as specified in ISC 61000-4-3"*
Moved by T. Ross, seconded by A. Flatman. In favor: 40, Against: 1, Abstain: 7. Motion 2 carries.

MOTION 3 (technical---approved): *"Move to change the amplitude numbers in table 40-13 to 2.8 V, 2.8V, and 5.4 V"*
Moved by J. Creigh, seconded by S. Raghavan. In favor: 23, Against: 0, Abstain: 11. Motion 3 carries.

MOTION 4 (technical---approved): *"Move to accept text submitted by John Creigh as resolution of comment 2-2.3 text for 40.6.1.2.5"*
Moved by A. Castellano, seconded by M. Hatamian. In favor: 24, Against: 0, Abstain: 14. Motion 4 carries.

MOTION 5 (technical---failed): *"Move to leave noise at 25 mV p-t-p"*
Moved by C. Mick, seconded by S. Raghavan. In favor: 9, Against: 4, Abstain: 18. Motion 5 failed, so the text remains unchanged.

MOTION 6 (technical---failed): *"For all unfiltered jitter measurements, the peak-to-peak value shall be measured over an interval of no more than 100 msec. (section 40.6.1.2.5)"*
Moved by S.Rao, seconded by J. Creigh. In favor: 7, Against: 7, Abstain: 14. Motion 6 failed.

MOTION 7 (technical---approved): *"For all unfiltered jitter measurements, the peak-to-peak value shall be measured over an interval of no less than 100 msec. and no more than 1 sec. (section 40.6.1.2.5)"*
Moved by D. Dove, seconded by J. Raghavan. In favor: 20, Against: 3, Abstain: 4. Motion 7 carries.

MOTION 8 (technical---failed): *"Move to change impulse noise value in section 40.6.1.3.4 to 35 mV"*
Moved by W. Wery, seconded by M. Nootbar. In favor: 7, Against: 16, Abstain: 10. Motion 8 fails.

MOTION 9 (technical---approved):
"Move to
1. *Accept resolution of comments*
2. *Direct editor to change new draft reflecting comment resolution for WG ballot*
3. *Direct chair to report to 802.3 that ab Task Force believes 802.3ab is ready for WG ballot.*
4. *Direct chair torequest 802.3 approval for WG ballor for 802.3ab"*
Moved by R. Campbell, seconded by D. Dove. In favor: 36; Against: 0; Abstain: 1. Motion 9 carries.

Colin Mick will publish a new version of the draft (D4.0) including the resolution of all comments.

The meeting was adjourned at 12:45 PM.

On Thursday, July 9, the 802.3 Working Group approved (58 to 0) to bring Draft 4.0 to Working Group Ballot. The ballot will be sent shortly to all 802.3 voters.

Respectfully submitted,

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Secretary

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