

IEEE 802.5

March 8th to 12th, 1999
Austin, TX

Minutes of meeting 'II'

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<i>Revision History</i>		
r0	12 Mar 99	End of recording
r1	16 Mar 99	First release
r2	15 Apr 99	Incorporated feedback

Attendees

Full Time:

Robert Love
John Messenger
Neil Jarvis
Simon Harrison
Andy Fierman
Karl Reinke
Ivar Jeppesen
Bob Ross
Jim Snow
Ivan Oakley

Part Time:

David Wang
Valerie Zelenty
Paul Kolesar
David Schell
Ralph Andersson
Michael Griffin
George Fishel
Len Young
Allen Dixon
Atikem Haile-Mariam

Daily Notes

Monday, 08 March 1999

Opening Plenary

Motion (03-01) to approve agenda 03-01r2 by Karl Reinke, seconded by Simon Harrison. Passed 8-0-0.

Motion (03-02) to approve November plenary minutes by John Messenger, seconded by Andy Fierman. Passed 8-0-0.

Motion (03-03) to approve January interim minutes by Andy Fierman, seconded by Simon Harrison. Passed 8-0-0.

Status of PARs:

802.5t: (100 Mbit/s) One editorial error in recirculation ballot, but passes with no negative votes. Request to forward to standards board for approval.

802.5w: (Errata) Next draft will be available this week, with the intention to go for committee recirculation ballot after this plenary meeting. A vote will be taken later this week. 802.5w LMSC balloting pool is being formed. The LMSC ballot will take place electronically.

802.5x: (Source Routing over VLANs) The standards board will be approving this work at their next meeting. No resources have been identified for this work.

802.5y: (Token Ring Revision) No resources have been identified for this work.

802.5z: (Token Ring Trunking) No resources have been identified for this work.

802.5aa: (Source routing enhancements) The PAR and 5 criteria have been circulated to the EXEC, for their 30-day review before this meeting. The PAR and 5 criteria need to be voted on by the committee. Christian Thrysoe remains the editor for this work.

802 Exec have reviewed the process of electronic voting. They will define what should be done, not how it should be done.

802.5t/d2.6 had one editorial comment from Scott Valcourt. It is moved that new text, which does not result in any technical changes, be added to produce d2.7 prior to forwarding the 802.5t sources to the IEEE editors. Motion (03-04) to accept moved by Neil Jarvis, seconded by Karl Reinke. Passes 7-0-1. (There is always one...)

AOB: No.

Meeting closed

Tuesday, 09 March 1999

802.5v d0.3 Comment Resolution

67 comments received against this draft. All comments were reviewed and positions formulated by the document editor.

802.5aa PAR and 5 criteria approval

The PAR and 5 criteria for the enhanced source routing were discussed and straw polls were taken to approve the various criterion. The PAR and 5 criteria will be voted on during the Thursday plenary meeting, allowing us to accommodate feedback from other groups, before the document is sent to the SEC.

802.5w, d1

This will go to another working group ballot before the next interim meeting. It will consist of the complete document, and the comment resolution report from d1.

Wednesday, 10 March 1999

Gigabit fibre connectors

Summarised from the (well mannered ☺) discussion on the floor:

Connector vendors do not want another war about which small form factor connector to specify for gigabit token ring. They would prefer all competing connectors to be allowed. They see this being included in the standard as a normative annex, specifying the current 3 leading small form factor connectors. To ease the implementation of fibre for the manufacturer of gigabit token ring equipment, the connector vendors have specified a common footprint and electrical characteristics (this needs to be verified) for all their connectors.

It should be remembered that high-speed token ring is forecast to be a small market, and would benefit strongly from specifying only a single connector. However, with the small form factor market being primarily driven by Ethernet, if we don't choose the Ethernet connector that comes to the fore, token ring vendors could end up with an expensive solution.

It would also be a problem if the standard recommended a number of small form factor connectors, but allowed any other suitable connector. This could lead to manufacturers producing equipment that does not use a recommended connector (maybe due to aesthetic or customer interoperability issues), be compliant with the standard, but be at a marketing disadvantage because their connector is not "recommended".

Small form factors are going to be a real issue in the near future, so the standard must not disallow their use. 802.5v, clause 13.10.1.2 already allows any connector 1000 Mbit/s. This includes small form factor connectors, as long as they can be shown to be equal or better to the characteristics of the duplex SC connector.

Motion (03-05) to adopt multiple small form factor connectors moved by Karl Reinke, seconded by Robert Love. Motion passes 14-0-3.

802.5v d0.3 Comment Resolution (cont.)

Outstanding comment resolutions against this draft received commenter's approval. The one (known) remaining technical issue is the inclusion of trade-up in the gigabit MAC. There are still questions about whether gigabit trade-up is technically possible.

Thursday, 11 March 1999

802.5v d0.3 Comment Resolution (cont.)

After a meeting in the bar, and a night to reflect on the issue of gigabit trade-up, it is clear that it is still too early to either exclude or include trade-up in the standard.

Closing plenary

Motions 03-06 to 03-20 taken.

Meeting adjourned.

Meeting Motions

Straw Poll or Vote?	Vote	Number:	03-01
Moved by:	Karl Reinke	Date:	8 th March
Seconded by:	Simon Harrison	Status:	PASS
Approve agenda 03-01r2.			
Yes:	8	No:	0
Abstain:	0		

Straw Poll or Vote?	Vote	Number:	03-02
Moved by:	John Messenger	Date:	8 th March
Seconded by:	Andy Fierman	Status:	PASS
Approve November plenary minutes			
Yes:	8	No:	0
Abstain:	0		

Straw Poll or Vote?	Vote	Number:	03-03
Moved by:	Andy Fierman	Date:	8 th March
Seconded by:	Simon Harrison	Status:	PASS
Approve January interim minutes			
Yes:	8	No:	0
Abstain:	0		

Straw Poll or Vote?	Vote	Number:	03-04
Moved by:	Neil Jarvis	Date:	8 th March
Seconded by:	Karl Reinke	Status:	PASS
Move that:			
802.5t/d2.6 had one editorial comment from Scott Valcourt. It is moved that new text, which does not result in any technical changes, be added to produce d2.7 prior to forwarding the 802.5t sources to the IEEE editors.			
Yes:	7	No:	0
Abstain:	1		

Straw Poll or Vote?	Straw Poll	Number:	03-05
Moved by:	Karl Reinke	Date:	10 th March
Seconded by:	Bob Love	Status:	PASS
Move that:			
<p>Modify the current specification of fibre connectors for high-speed token ring in 802.5v/d0.3, clause 13.10.1.2 to read as shown below, and instruct the editor to incorporate Annex AB appropriately edited in the next draft of 802.5v as an informative annex. Note: Annex AB was published as a meeting paper during the January '99 interim meeting, and defines the small form factor connectors MT-RJ, LC and SG. Andrew Fierman is the editor of Annex AB.</p> <p>13.10.1.2 MDI</p> <p>Optical fibre connectors shall meet or exceed the performance specification of ISO/IEC 11801 for the duplex SC connector MDI of [802.3] 38, and have a corresponding ISO/IEC 61754 or ANSI/TIA/EIA-604 inter-mateability standard. These include, but are not limited to, the small form factor connector types specified in annex AB.</p>			
Yes:	14	No:	0
Abstain:	3		

Straw Poll or Vote?	Straw Poll	Number:	03-06
Moved by:	Karl Reinke	Date:	11 th March
Seconded by:	Simon Harrison	Status:	PASS
Move that:			
The next draft of 802.5v will not include gigabit trade-up, except for a placeholder. Technical input is sought to determine if the placeholder is to be removed or expanded.			
Yes:	10	No:	0
Abstain:	0		

Straw Poll or Vote?	Vote	Number:	03-07
Moved by:	Bob Ross	Date:	11 th March
Seconded by:	Karl Reinke	Status:	PASS

Move that:

The straw polls taken during the January '99 interim meeting in York be approved.

Yes: 8 No: 0 Abstain: 0

Straw Poll or Vote?	Vote	Number:	03-08
Moved by:	Karl Reinke	Date:	11 th March
Seconded by:	Bob Love	Status:	PASS

Move that:

The straw poll 03-05 is approved.

Yes: 8 No: 0 Abstain: 1

Straw Poll or Vote?	Vote	Number:	03-09
Moved by:	John Messenger	Date:	11 th March
Seconded by:	Andy Fierman	Status:	WITHDRAWN

Modify motion 03-08 to ask for the addition of a statement to 13.10.1.2 in 802.5v/d0.3 to the effect:

"The MT-RJ small form factor connector is recommended."

Yes: No: Abstain:

Straw Poll or Vote?	Vote	Number:	03-10
Moved by:	Karl Reinke	Date:	11 th March
Seconded by:	Simon Harrison	Status:	PASS

Move that:

The straw poll 03-06 is approved

Yes: 9 No: 0 Abstain: 0

Straw Poll or Vote?	Vote	Number:	03-11
Moved by:	John Messenger	Date:	11 th March
Seconded by:	Andy Fierman	Status:	FAILED

Move that:

A statement be added to 13.10.1.2 in 802.5v/d0.3 to the effect:

"The MT-RJ small form factor connector is recommended."

Yes: 1 No: 6 Abstain: 2

Straw Poll or Vote?	Vote	Number:	03-12
Moved by:	Simon Harrison	Date:	11 th March
Seconded by:	Neil Jarvis	Status:	PASS

Move that:

The editors produce draft 802.5v/d1 for 30 day electronic letter ballot review. The ballot will start Friday 2nd April 1999 and close Monday 3rd May 1999. The editors are further instructed to show changes from 802.5v/d0.3 with revision marks. Comment resolution will take place during the May (10th to 12th) interim meeting of 802.5.

Yes: 9 No: 0 Abstain: 0

Straw Poll or Vote?	Vote	Number:	03-13
Moved by:	Simon Harrison	Date:	11 th March
Seconded by:	Neil Jarvis	Status:	PASS

Move that:

If after comment resolution, the ballot on 802.5v successfully passes prior to the close of the May interim meeting, and the voting members attending the meeting vote to authorise a recirculation ballot, then forward the next draft for subsequent 802.5 recirculation ballot.

Yes: 9 **No:** 0 **Abstain:** 0

Straw Poll or Vote?	Vote	Number:	03-14
Moved by:	John Messenger	Date:	11 th March
Seconded by:	Andy Fierman	Status:	PASS

Move that:

The editor produce draft 802.5w/d1.1 for 15-day electronic letter recirculation ballot review. The ballot will start Friday 2nd April 1999 and close 19th April 1999. Comments are requested on the whole draft document.

The 802.5w ballot resolution group (John Messenger, Bob Love, Karl Reinke and Neil Jarvis) will resolve any comments received. Additional membership will be sought via email prior to 19th April 1999.

Yes: 9 **No:** 0 **Abstain:** 0

Straw Poll or Vote?	Vote	Number:	03-15
Moved by:	Bob Ross	Date:	11 th March
Seconded by:	Andy Fierman	Status:	PASS

Move that:

The PAR and 5 criteria for enhanced source routing operation are forwarded to the SEC for approval and processing.

Yes: 7 **No:** 1 **Abstain:** 1

Straw Poll or Vote?	Vote	Number:	03-16
Moved by:	Karl Reinke	Date:	11 th March
Seconded by:	Andy Fierman	Status:	PASS

Move that:

802.5 accept the straw poll voting on the PAR and 5 criteria for enhanced source routing operation.

Yes: 8 **No:** 0 **Abstain:** 1

Straw Poll or Vote?	Vote	Number:	03-17
Moved by:	Karl Reinke	Date:	11 th March
Seconded by:	Neil Jarvis	Status:	PASS

Move that:

The changes made to 802.5t/d2.6, to produce d2.7 for IEEE publication, are all editorial and are approved.

Yes: 9 **No:** 0 **Abstain:** 0

Straw Poll or Vote?	Vote	Number:	03-18
Moved by:	Neil Jarvis	Date:	11 th March
Seconded by:	John Messenger	Status:	PASS
Move that: Request SEC to forward IEEE 802.5t/d2.7 to RevCom.			
Yes:	9	No:	0
Abstain:	0		

Straw Poll or Vote?	Vote	Number:	03-19
Moved by:	John Messenger	Date:	11 th March
Seconded by:	Karl Reinke	Status:	PASS
Move that: If 802.5w passed working group ballot, it be forwarded to LMSC for balloting.			
Yes:	9	No:	0
Abstain:	0		

Straw Poll or Vote?	Vote	Number:	03-20
Moved by:	Karl Reinke	Date:	11 th March
Seconded by:	Andy Fierman	Status:	PASS
Move that: Richard Knight be thanked for his excellent contributions to the work of the 802.5 committee, and 802.5 wishes him well in his new endeavours.			
Yes:	9	No:	0
Abstain:	0		