IEEE 802.5

January 18th – 22nd, 1999
York, UK

Minutes of meeting 'hh'

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Revision History		
r0	20 Jan 99	End of recording
r1	28 Jan 99	First publication

Attendees

Full Time:
Andy Fierman
Simon Harrison
Richard Knight
Neil Jarvis
Ivar Jeppesen
Robert Love
John Messenger

Karl Reinke

Part Time:
Ken Hall
Des Poole
Dr. T. Tan
Rosemary Slager
Christian Thrysøe

Daily Notes

Monday, 18th January 1999

Fibre connectors

Presentations by Ken Hall (specify three connectors) and two from Karl Reinke (specify no connectors and Interface issues).

As a committee, we could either specify no, one or three connectors. In the case of the three connectors, the annex specifying the connectors could either be informative or normative.

Note to Karl: it's the "Type 1" connector, more commonly known as the "Boy George" connector.

The three-connector annex document source will be made available from the WWW site, to allow contributors to make modifications. The fate of the annex will be decided during the March meeting.

Tuesday, 19th January 1999

802.5t, d2.5 LMSC recirculation ballot

Bob Grow's DIS comments:

BG-01: Comment will be forwarded to IEEE editors, who are responsible for this type of issue.
BG-02: Clause 13 was not included in the recirculation ballot. We will need to recirculate again.
BG-03: Data_octet is the correct terminology, and will be fixed.
BG-04: An SPV(AP_MASK) value of X'0001' is needed to support TKP at 4/16. Clause 14 shows the extension of this policy variable to support 100 Mbit/s. 14.5.1.3 already shows that the value is not allowed at 100 Mbit/s.
BG-05: The paragraph in 9.8.1.1.4 should not generate a PICS entry, but we agree that the "shall" does so at the moment. New wording: "The 100 Mbit/s rate is supported by setting bit 0.13 of the [802.3] 22 Control register (register 0) to a logical one, bit 0.6 of the same control register to a logical zero and bit 0.12 of the same control register to a logical zero."
The PICS proforma relating to the support of [802.3] is in A.7.2.
BG-06: [Comment should refer to 9.8.1.1.1, not 9.1.1.1]. We agree with the comment, and would welcome his words to resolve the comment.

John Siemen's DIS vote has been withdrawn.

802.5w, d1.0 working group ballot

17 comments received. The votes included a DIS from Mick Hanrahan, who had no DIS comments, and an accept from Neil Jarvis, who had a DIS vote…

The comment database was reviewed resulting in 6 modified, 1 rejected, and 2 answered that are waiting for Mick to accept. We are also looking for input from Ken Wilson, on how we should tackle the problem of using 802.5t transitions, when describing base and Amd. 1 errata.

802.5x: Virtual Local Area Networks: Source Routing

We now have a PAR for this work, but there is still no editor for this work. No further technical discussion took place.

Source Routing Enhancements

Presentation from Christian. Three methods proposed, each stated with pros and cons. The first two methods do not allow us to address load balancing.

Reviewed PAR and 5 criteria documents. These documents are to be finished by Christian and Bob (insertion of missing boilerplate e.g. patent stuff) and forwarded to the SEC 30 days prior to their next meeting.

Wednesday, 20th January 1999

802.5v Gigabit: MAC presentation

Simon H. gave a presentation on the gigabit MAC. He suggests not doing MAC*lite*, but rather upgrade the HSTR MAC to support 1000 Mbit/s.

- *Auto negotiation*: Mandatory for 1000BASE-T and optional for 1000BASE-X, so the MAC will now have to support auto negotiation.
- *Lobe test*: Would the HSTR MAC lobe test *fail* a gigabit link? According to the 802.3 specs, the media should have a frame error rate of better than 10-7, which will support our lobe media test.
- *Speed trade-up*: There was a question about whether it would be possible to produce a 100/1000 Mbit/s fibre solution. It is probably possible to use trade-up for 100 to 1000 for some flavours of fibre. But how to fix trade-up to support 1000 Mbit/s? And do we want to make it extensible for speeds above gigabit? Two approaches would be to either cobble another trade-up process on top of the current processes, or to revisit the registration phase from scratch to include speed in the process. The committee needs to establish whether the market requires trade-up, between which of the various speeds, and on which media.

MAC*lite* would require a lot of cross-company participation in its development, and with the current state of the committee, this may not be forthcoming. Not doing MAC*lite* is lower risk.

Straw Poll 01-01 instructs the 802.5v editors to add a modified 100 Mbit/s MAC to the 802.5v draft for future committee review.

802.5t LMSC ballot

The aim is to get another recirculation ballot out by February 9th, closing March 1st (before the March plenary meeting). Editor's to get updated source to Neil Jarvis by Monday February 1st. The LMSC recirculation ballot will contain clause 13 and other changed pages. Draft 2.6 will be produced and available from the web site.

Andy Fierman owns the closure of BG-03 and BG-06.
Neil Jarvis owns the closure of BG-01, BG-02, BG-04 and BG-05.
Bob Love to produce the new recirculation ballot cover letter.

A.O.B.

Interim meeting in May

The dates for the interim meeting in May are 10th to 12th. The meeting is to be hosted by Olicom, in Copenhagen, Denmark.

This is assuming 29th March as the proposed date for the 802.5v recirculation ballot, closing April 30th.

Meeting closed

Motions

Straw Poll or Vote?	Straw Poll	**Number:**	01-01
Moved by:	Andy Fierman	**Date:**	20 Jan 99
Seconded by:	Richard Knight	**Status:**	**PASS**

Move that:

The editors for 802.5v (1000 Mbit/s) will base their work on a modified 802.5t (100 Mbit/s) MAC to support 1000 Mbit/s operation. This means that the MAC*lite* approach of designing a new MAC will not be adopted.

Yes: 5 **No:** 1 **Abstain:** 3

Straw Poll or Vote?	Straw Poll	**Number:**	01-02
Moved by:	Karl Reinke	**Date:**	20 Jan 99
Seconded by:	John Messenger	**Status:**	**PASS**

Move that:

The editors produce strawman 802.5v/d0.3 for 30 day review by February 4th 1999. The MAC editor is further instructed to show the MAC tables in 802.5v with revision marks against 802.5t's MAC, and the PHY editor to show changes against 802.5v/d0.2. Comment resolution will take place during the March (8th to 12th) plenary meeting of 802.5.

Yes: 10 **No:** 0 **Abstain:** 0

Straw Poll or Vote?	Straw Poll	**Number:**	01-03
Moved by:	John Messenger	**Date:**	20 Jan 99
Seconded by:	Andy Fierman	**Status:**	**PASS**

Move that:

802.5t/d2.6 be sent for LMSC recirculation ballot.

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

Straw Poll or Vote?	Straw Poll	**Number:**	01-04
Moved by:	Ivar Jeppesen	**Date:**	20 Jan 99
Seconded by:	Andy Fierman	**Status:**	**PASS**

Move that:

802.5 hold an interim meeting May 10th to May 12th 1999. The meeting is to be hosted by Olicom in Copenhagen, Denmark.

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