IEEE 802.5

January 13th - 16th, 1998
York, United Kingdom
Hosted by SilCom

Minutes of Meeting 'ee'

Neil Jarvis, Recording Secretary (Acting)

SilCom (A Microvitec Group Company), R'n'D, York, UK

Neil.Jarvis@mail.york.microvitec.co.uk
http://p8025.york.microvitec.co.uk

Revision History		
v1.0	16 Jan 98	End of recording
v1.1	20 Jan 98	First release

Attendees.

John Hill	AMP	Simon Harrison	Madge
Karl Reinke	Bay Networks	Alistair Swales	NHC
Bob Hubbard	Cisco	Simon Moseley	NHC
Carson Stewart	Cisco	Moshe Levhar	Novacom
Ivan Oakley	Cisco	Peggy DiMauro	Novacom
Bob Love	IBM	Bo Thomsen	Olicom
Ken Wilson	IBM	Christian Thrysoe	Olicom
Rosemary Slager	IBM	Ivar Jeppesen	Olicom
Tam Ross	IBM	Jens Andreassen	Olicom
Andy Fierman	Madge	John Messenger	SilCom
Jeremy Curtis	Madge	Neil Jarvis	SilCom
Richard Knight	Madge	Mick Hanrahan	Texas Instruments

Agenda.

TUESDAY 13th January 1998

9:00am   12:00am   802.1q VLAN and Source Routing
1:00pm   5:00pm   802.1q VLAN and Source Routing

WEDNESDAY 14th January 1998

9:00am   12:00am   HSTR StrawMan 0.5 Comment (First Pass)
1:00pm   5:30pm   HSTR StrawMan 0.5 Comment (First Pass)

THURSDAY 15th January 1998

9:00am   12:00am   HSTR StrawMan 0.5 Comment (Second Pass)
1:00pm   5:30pm   HSTR StrawMan 0.5 Comment (Second Pass)

FRIDAY 16th January 1998
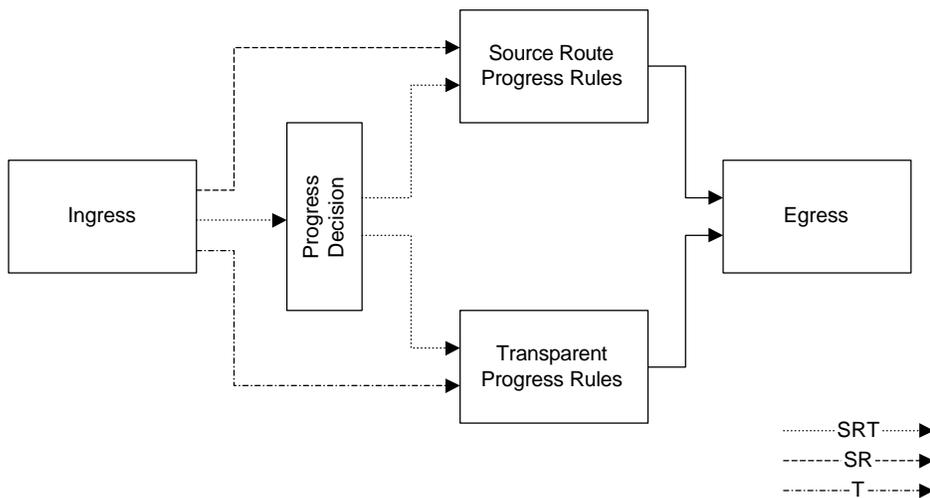
9:00am   12:00am   Other 802.5 Business

Document List.

Number/ Release	Description	Author	Comments
01-00	Document List: 802.5 November 97 Interim	Neil Jarvis	-
01-01	HSTR StrawMan 0.5	Editors	-
01-02r2	Combined HSTR StrawMan 0.5 Comments	Neil Jarvis	Updated with editor's responses
01-03	Proposal for Group Address Hashing	Neil Jarvis	**-**
01-04	Token Ring Source Routing Support in IEEE 802.1Q Bridges	Anoop Ghanwani, Wayne Pace, Jeff Lynch, Bob Love	**-**
01-05	Lobe Media Test timing	Neil Jarvis	**-**
01-06	May interim proposal	Peggy DiMauro	**-**
01-07	RMII Request for Information	Karl Reinke	-
01-08	Proposal for HSTR/DTR common RMII/MPI	Moshiko Levhar	-
01-09	802.5 Voting Right Rules	Mick Hanrahan	-
01-10	Meeting 'EE' voters	Mick Hanrahan	-
01-11	Meeting 'FF' voters	Mick Hanrahan	-
01-min	Meeting 'ee' minutes	Neil Jarvis	This document.

802.1q and Source Routing

1. Write an annex (2 annexes?) and a "gotchas" list for 802.1q
2. Avoid source re-discovery
3. Save parallel bridge capability
4. Tagged frames across SR/mixed networks
5. VLAN aware SR discovery in end-nodes
6. Annex must not contaminate base standard.
7. Preserve VLAN forwarding rule concepts
   - Per-frame egress list lookup
   - Ingress rules
   - MFD vs. SFD
8. Compatibility with legacy T/SR/SRT end nodes and bridges
9. User priorities
10. Spanning tree
    - Single/multiple
    - 802.1/SR spanning tree
    - Address issues in annex
11. 802.1p compatibility
12. Ring number assignment
    - Independent from VLAN id
    - Dependent with VLAN id
13. Management/PICS

WHERE DOES THIS FIT?

SUMMARY

"We shall write an SR progress Annex. Show how SR Progress fits into a .1Q VLAN . Need to mention 'gotchas' but not explain how to fix 'gotchas'. "

HSTR Work

StrawMan 0.5 Comments (First Pass).

The committee went through all the comments shown in document 01-02. The editor for the section being commented on gave an initial response. The committee had the opportunity to discuss any comments answered by the editor with a response other than yes.

StrawMan 0.5 Comments (Second Pass).

The second pass through the comments identified the open issues remaining for committee work. These are:

1. *NAJ-T3: RMII requirements*
   Karl Reinke put together a list of RMII requirement (01-07). Anybody wishing to modify the text should use the reflector. He will send this to the RMII task on behalf of the committee.
2. *NAJ-T4: Speed trade-up*
   Ivar is to put together a first pass at the changes necessary for implementing speed trade-up. Discussion will take place on the reflector.
3. *JLM-xx: Capitalisation*
   Bob Love is to liaise with the IEEE editors on what capitalisation styles they employ.
4. *NAJ-Q2: CxBTX definitions*
   Ken will put a note on the reflector describing these counters.
5. *DWW-T24: Phantom lockup conditions*
   Neil will put together a presentation on the lock-up conditions for discussion via the reflector.
6. *RDL-T1: Lobe media test timing*
   Neil gave a presentation (01-05) on lobe media test. The conclusion is that the C-Port will only have 0.9ms to repeat a LMT frame. This requires company input via the reflector.
7. *IPO-E18: link_status polling period*
   Ken is to investigate this period, and post to reflector.
8. *IPO-T22: 802.5 auto-negotiation selector*
   Action item for Bob Love.
9. *KR-T1: Fiber scrambler*
   Karl is to discuss this via the reflector.

Other Work

Next Draft of 802.5t/u
- Missing items, PICS, detailed state diagrams, etc.
- Clause 2 diagram update
- 802.5u (Fiber)?
- For comment or for ballot? (Ballot 11, Comment 4, Abstain 3)
- Schedule

Voter's list

PHY Layer

May Interim Meeting (Week of 11th?)

802.1q issues, what, when, who
- multicast presentation (Create new annex, 13/0/3)

Trunking Study group (Ivan to report from interim)

802.5v (Gigabit)

March meeting expectations
- Comment review and resolution (Monday morning meeting)
- Gigabit presentations, draft, connectors,
- Discuss the merging of 802.5 documents
- TKP Presentation (By SilCom)

Processing Comments against 8802-5 : 1998, and 8802-5Amd 1 : 1998.
- Database: Page, Section, Where, Initials, What's wrong, Exact replacement words for proposed correction.

May Interop Plans for Demonstration (HSTRA Activity) – Discussion
- Do we want to have an HSTRA Liaison?

Thanks go to SilCom (and Sheila) for hosting and organising a productive and enjoyable meeting.

Meeting adjourned.