

**MPTM4 - Notes from**  
**Multi Point TM4 Meeting - Wednesday 29<sup>th</sup> May 2002**  
**8th Floor Auction Room - Wyndham House**

**Source:** Rick Donnegan  
**Unit:** RA2/PWN/FWA  
**Date:** 27<sup>th</sup> of August 2002

## Attendees:

NAME	COMPANY
Rick Donnegan (Chair)	Radiocommunications Agency
Abdul Ladak	WS Atkins
Peter Kiddle	Consultant
Dave Palmer	Ensemble
Barry Lewis	Ensemble
John Sharman	Aperto Networks
Nigel King	Piping Hot Networks
Chris Sewell	Home Office
Richard Atkins	Community Broadband
Dave Axford	Newtel
Arthur Christian (STF 208 lead expert)	Ajutel
Chris Walker	European Antennas
Peter Jessup	Radiocommunications Agency
Chris Cant (STF 208 expert)	Telegen Ltd
Malcolm Sellers	Cambridge Broadband
Peter Tarrant	ZTE UK
David Winder	Balloon-A-Gram

1. Refreshments available from 10.00
2. Introductions (10.30)
3. Apologies
  - Jim Nixon and Stephen Talbot – Radiocommunications Agency

4. Approval of the agenda (MPTM4)
  - Agreed.
5. Review the previous meeting's minutes for accuracy
  - Agreed
6. Action points from the previous meeting.

Addressed except the replacement standards group which remains on-going and is covered by agenda item (11)

7. Review the open TM4 Work Items.
  - BRAN 5GHz HiperMAN - work item will be opened at the 27th Plenary of TM4 (10 – 15 June 2002).
  - 40 GHz – due to the number of amendments, this has resulted in the latest revision appearing in two versions (one with corrections and the other clear). The RTTE Directive essential requirements are still an outstanding issue. Hopefully, the remaining unresolved areas will be completed at 27th plenary. Harmonised standard EN 301 753 & the associated conformance test document may need a small amendment in order to fully address the changes. Possible suggestion that the 40 GHz conformance block edge mask EIRP test method is added to the conformance test document or harmonised standard – maybe via the generic part 1 of EN 301 126.
  - OFDMA - WI-4146 – editorial changes from agreed output of interim hopefully will be completed at 27th plenary. The conformance test document needs to be changed in order to address OFDMA; hence a work item is required. Also need to resolve worst-case carriers issue (note – some or all the sub carriers are used during OFDMA).
8. Review recent TM4 Liaison statements and outstanding issues from the TM4 #26/27 (London interim meeting 6-7 Mar 2002).
  - DVB formal liaison at next formal meeting – ACTION POINT 1 – RD to determine whether there are any further with their work on NLOS FWA.
9. Up-date on the STF for TM WI-4130 (Rationalisation of P-MP Standards now known as STF 208 MP).
  - Overview of STF 208's remit, which is to address editorial issues, mistakes and to consolidate without making any disadvantageous changes.
  - Work to be performed during 2002 to 2003 on a 3:3:1 basis. Work to-date has covered from the STF 208's ToR familiarisation / strategy / analysis / development / transition / trial run using two of the more popular standards, EN 301 021 & EN 301 213-4.

Other areas where work has been attempted are in order to determine the key criteria;

- System declarations –
- Architecture –
- Technical standards or reports –
- Discrepancies –
- EIRP / Spectral Power Density –
- Spectrum mask with respect to ERC Recommendations –
- Replacing the spectrum mask with Block Edge Mask –
- Capacity –
- Modulation –
- Receiver sensitivity –
- User needs derived via questionnaire –
- Pass on to TM4 from Steering Committee – potentially insufficient time for wp2 to react to inputs from STF 208 (both principles & technical but not detail) –
- STF 208 housekeeping issues hopefully to be resolved at next SC#3 -
- Require papers from TM4 27.5# Sept for ETSI board meeting due Nov 2002 in order to obtain a three month extension to STF 208 as outlined in the ToR - await advice from SC chair.
- EIRP questionnaire issued by SE19 / ETSI ERM is due by 31st May 2002 - UK co-ordinator is Mrinal Patel – see RA web site's International representation section for further details concerning UK delegations to ITU, CEPT etc...
- STF 208 questionnaires were issued last April - no responses from standard bodies or test houses but 200 sent 20 returned from manufacturers, regulators and operators – a summary of responses will be presented at SC#3

**ACTION POINT 2** – To place the STF208 questionnaire on PFWA web page and send with minutes of MPTM4 – due to time constraints unable to achieve this action at this time. However the STF 208 questionnaire will be placed on the RA web site.

10. Comments required on the following ETSI TM4 documents;

- OP20020531 (EN 301 215-2 V1.3.1) UK close date 26 April & NSO close date 24 May
- V20020531 (EN 301 997-1 V1.1.1) UK close date 3 May & NSO close date 24 May

No comments – passed.

11. Present the RA's proposal to replace MPTM4 with Multi Point Technical Standards Working Group (MP-TSWG) – the Terms of Reference, Scope and Title to include all Multi-Point standards organisations; ETSI-TM4 (WP2 & WP4), ETSI-BRAN (HiperMAN & HiperACCESS) and IEEE 802.16 – see attached organogram.

Comments received from the floor during the discussions were as follows;

- Do not want it limited to the above organisations or standard bodies.
- Do not wish any artificial exclusions.
- Would like FLCC to be more open to Multi Point issues or ideas – e.g. change name of FLCC to FSCC to reflect the Fixed Service rather than Fixed Links.
- Would like specific FS decision making meetings with very visible / external sign posting.
- Would like the ordinary business of FS to be very visible / external sign posting.
- Clarify terminology i.e. MP, FL & FS
- Is it possible for the chair to be from outside the RA?

End of June – to be confirmed in minutes the ToR – now not possible due to further internal RA deliberations – will update by Sept 2002.

12. Any other business

TM4 WP2 - uncertain whether Barry Lewis can continue as WP2 chair after TM4#27. Have until the TM4#28 in Nov 2002 to resolve this issue.

13. Date of next MPTM4 (now known as MP-TSWG) meeting –

**Friday 13th Sept @ Wyndham House @ 10.00 - CONFIRMED.**

14. Break for lunch @ 13.00 – 13.30

Actual lunch 12.45