
TITLE **SpM-1 & SpM-2 meeting report.**

PROJECTS SpM-1 & SpM-2

SOURCE: Rapporteur

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STATUS for inclusion in the TM6 meeting report

4.8 Spectral Management (TR 101 830)

The rapporteur of part 1 and part 2 compiled the partial report of this section in WD14

4.8.1 DTS/TM-06042 Spectral Management (TR 101 830-1 Part 1: Definitions and Signal Library)

The draft has passed the AbC, and was published by ETSI in march 2006 as version V1.4.1.

4.8.1.1 Work Plan

The Rapporteur, Rob van den Brink (TNO/KPN), chaired this session and presented his work plan in WD04. There were no objections raised against this work plan.

- TD23 LEA Determining the effect of LCL on crosstalk (*also addressed to ADSL*)

4.8.1.2 Contributions

In TD23, LEA proposes to study the effect on unbalance (e.g LCL) on crosstalk. If such a study demonstrates that the current specifications in SpM-1 are not tight enough, and give reason for higher crosstalk levels, it becomes relevant for SpM-1 to define tighter specifications. The contribution was not discussed again, since the ADSL and VDSL2 projects have already opened study points dedicated to this topic.

4.8.1.3 Discussion on opening a new work item

After a short discussion, it was decided not to open a work item to revise SpM-1, but to wait for this until new specifications are being proposed (e.g signal descriptions for VDSL2)

4.8.1.4 Status of Living List for Spectral Management part 1

A living list does not exist, since the work item was closed by publishing SpM-1

4.8.1.4 Status of Draft deliverable for Spectral Management part 1

A draft does not exist, since the work item was closed by publishing SpM-1

4.8.2 DTS/TM-06043 Spectral Management part 2, (revision of TR 101 830-2 Technical methods for performance evaluations)

4.8.2.1 Work Plan

The Rapporteur, Rob van den Brink, chaired this session and presented his work plan in WD04. There were no objections raised against this work plan.

- TD03/WD23 Czech Telc. Crosstalk One/Multi-node co-location model

4.8.2.3 Contributions

TD06, from Czech Telecom, proposes some working text on models for crosstalk from multiple locations. **WD23** is a revised version, to repair errors in TD06. Progress has been made, compared to previous proposals, by the fact that the proposed text has now become rather compact. However, the (significant) corrections showed that the current proposal is still too immature for considering provisional agreements. It was decided to keep the issue under study.

4.8.2.4 Status of Living List for Spectral Management part 2

The first living list was created after the previous meeting, and uploaded before the meeting as m06p05a01.pdf, and reviewed during the meeting. One status has been changed, and no new study points were added. The table below summarizes the status of the Study Points for this Work item, at the end of the meeting.

SP	Title	Owner	Status
2-1	Performance model for ADSL2	Bernd Heise (Infineon)	US
2-2	Performance model for ADSL2plus	Bernd Heise (Infineon)	US
2-3	Modelling sidelobe pick-up in DMT Receivers	Olivier van de Wiel (Broadcom)	Prov Deleted (May 2006)
2-4	Multi node crosstalk models, restricted to the case that all LT nodes are co-located, and NT distributed	Czech Telecom (Milan Meninger)	US
2-5	Multi node crosstalk models, with both LT nodes and NT nodes distributed	Czech Telecom (Milan Meninger)	US
2-6	Basic transmitter/disturber model for VDSL2	Swisscom (Andreas Thöny)	US
2-7	Model for VDSL2 PSD template variations	Swisscom (Andreas Thöny)	US
2-8	Model for VDSL2 PSD shaping for remote deployment	Swisscom (Andreas Thöny)	US

(**PA** - Provisionally Agreed; **PD** - Provisionally Deleted; **US** – Under Study.

The meeting number indicates the meeting at which the study item was created or the status last changed or confirmed.)

4.8.2.5 Status of Draft Deliverable

A first draft will be created as soon as the first items on the living list are being agreed.

4.8.2.6 Liasons

No liaisons were demanded during this meeting