ETSI WG TM6
(ACCESS TRANSMISSION SYSTEMS ON METALLIC CABLES)
Permanent Document
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Living List for Spectral Management
SpM - part 1
revision of TR 101 830-1

This document is the living list of current issues connected with ETSI's spectral management report TR 101 830, part 1 (*Definitions and Signal Library*).

The latest version (v1.2.1) of "part 1" has officially been published on august 28th 2001, by ETSI. This work is extended for including full signal descriptions for VDSL and ADSL-FDD (both "over POTS" and "over ISDN"). The target is to achieve working group approval by the end of the ETSI-TM6 meeting in (may 2002). This means that the second revision of the SpM report can be published by ETSI during summer 2002. Issues that are (still) unsolved by that time, may be scheduled for a succeeding update.

The issues related to "Part 2" and "Part 3" are beyond the scope of this living list.

1. STUDY POINTS PART 1 (SIGNAL LIBRARY)

SP	Title	Owner	Status
1-1	Complete signal description for ADSL FDD over POTS	Peter Reusens	Under Study
1-2	Complete signal description for ADSL FDD over ISDN	Peter Reusens	Under Study
1-3	*Complete signal description for ISDN-PRA*		*Deleted*
1-4	*Improvement of scope and legal status of report*		*Deleted*
1-5	*Review of peak amplitudes of all signals in the library*		*Deleted*
1-6	*Complete signal description for SDSL*		*Agreed*
1-7	Review of power feeding issues	Rasmus Trevland - NPTA	Agreed
1-8	Complete signal description for ADSL ADL	Peter Reusens	Under Study
1-9			
1-10			

The current agreed procedure for changing the status of living list items is in Annex A of TM6 working methods.

Part 1 study points

SP 1-1. Complete signal description for ADSL FDD over POTS
The ADSL standard is dedicated to echo cancelled systems, using signals with frequency overlap. FDD versions of ADLS, with no frequency overlap, do exist as proprietary systems, but are not (yet) covered by ETSI standards. As a result a signal description for Spectral Management purposes is lacking.
This study point is dedicated to define the description of a signal category for FDD versions of ADSL over POTS, which follows the ETSI standard that is being prepared for FDD versions of ADSL.
Status: Under study (most of this issue has recently been solved within the ADSL standard)

SP 1-2. Complete signal description for ADSL FDD over ISDN
Similar to study point 1-1, but dedicated to ADSL-FDD over ISDN.
Status: Under study (most of this issue has recently been solved within the ADSL standard)

SP 1-3. → *Obsolete*
SP 1-4. → *Obsolete*
SP 1-5. → *Obsolete*
SP 1-6. → *Obsolete*

SP 1-7. Review of power feeding issues
This study point is dedicated to improve some inconsistencies and ambiguities on the Power Feeding clauses. The current numbers are system dependent, while the power feeding issue is more related to (system independent) safety requirement.
The update of TR 101 830-1 (v1.2.1) has made this visible, by dedicating class "A" and "B" power feeding to (system independent) safety requirement, and by dedicating class "X" and "Y" to system dependent implementations. When the descriptions of class "A" and "B" have been completed, these classes "X" and "Y" may become obsolete. Contributions are invited.
Status: Agreed
Related Contributions:
- *TD20, Monterey 2000 - Modification of information on Feeding Power - NPTA*
- *TD13, Sophia 2001 - Modification of information on Feeding Power - NPTA*
- *TD16, Stockholm 2001 - Modification of text in clause 7 - NPTA*

SP 1-8. Complete signal description for ADSL ADL