



ETSI WG TM6
(ACCESS TRANSMISSION SYSTEMS ON METALLIC CABLES)

Permanent Document
TM6(05)05 – rev 4 (draft)

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*).

This work item is focussed on the revision of "Part 1", to add new signal descriptions such as for enhanced SDSL and ADSL2plus. All available text achieved the status of "working group approved" during the november meeting of ETSI TM6 in 2005, and have been moved to the "Draft". The issues related to the creation of "Part 2" or "Part 3", are beyond the scope of this living list.

Work Item Reference DTS/TM-06042
Permanent Document **TM6(05)05**
Filename m05p05a04_SpM-1_LL.pdf
Date Dec 27th, 2005

Rapporteur/Editor **Rob F.M. van den Brink**
(on behalf of KPN) TNO Telecom tel: +31.15.2857059
 PO-Box 5050 fax: +31.15.2857349
 2600 GB Delft e-mail: R.F.M.vandenBrink@telecom.tno.nl

2. STUDY POINTS PART 1 (DEFINITIONS AND SIGNAL LIBRARY)

SP	Title	Owner	Status
1-1	Alignment of "definitions" with ETSI SpM-2 and SpM-3	Rob van den Brink (KPN/TNO)	Agreed
1-2	Refinement of references in text on "DC Power feeding"	Rob van den Brink (KPN/TNO)	Agreed
1-3	Signal description for enhanced SDSL	Bernd Heise, Infineon	Agreed
1-4	Signal description for various ADSL2plus variants	Rob van den Brink (KPN/TNO)	Agreed
1-5			
1-6			
1-7			
1-8			

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. Alignment of “definitions” with ETSI SpM-2 and SpM-3

During the creation of SpM “part 2” and “part 3”, various definitions have been enhanced or added, to enable a consistent terminology. It is desired that “part 1” adopts this list, so that all three parts contain the same list of definitions. This study point is mainly a formality, to enable formal agreements on these definitions.

Related Contributions:

- *m01p20a10, may 2005, Draft of SpM part 2 – Rapporteur*
- *TR 101 830-2 (published version of SpM-2)*

SP 1-2. Refinement of references in text on “DC power feeding”

In a liason statement, ETSI “TC Safety” has informed TM6 about a change in the standards on safety requirements. This has (minor) consequences for the references being used in clause 7 on “DC power feeding”, and in clause 8 on POTS signals. This study point is mainly a formality, to enable official agreement on these definitions, since “TC Safety” has already provided the required corrections.

Related Contributions:

- *051t06, feb 2005, Liason statement to TM6 regarding TR 101 830-1 – Chairman TC Safety*

SP 1-3. Signal description for enhanced SDSL

The SDSL standard has been extended with annex E describing enhance SDSL variants, using PSDs that are wider then common for SDSL. To facilitate loop providers with correct signal descriptions for granting these signals access to the local loop wiring, an additional description is to added to the current signal library.

Related Contributions:

- *051t27, feb 2005, Additional signals for SpM1 – Infineon*

SP 1-4. Signal description for various ADSL2plus variants

Various new ADSL variant have been defined by ITU Recommendations. To facilitate loop providers with correct signal descriptions for granting these signals access to the local loop wiring, an additional description is to added to the current signal library.

Related Contributions:

- *052t18, June 2005, Signal descriptions of various ADSL2plus variants – KPN, TNO*

Text proposals, being candidate for inclusion into the Draft .

The text fragments below have been proposed for inclusion in the draft version of SpM part 1, but are still in the "under study" status. If agreement is achieved, they will be moved into the Draft

All available text was agreed in nov 2005, and moved to the draft

End of literal text proposals