

Form to be used when proposing new Work Items for adoption into the ETSI Work Programme.

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Work Item details

Responsible Technical Body: TM		Work Item number: RTR/TM-06043	
Working Group: TM6			
Sub-working group (if any)			
Task-group (if any)			
<u>What type of document will be produced?</u> EN <input type="checkbox"/> EG <input type="checkbox"/> ES <input type="checkbox"/> TS <input type="checkbox"/> TR <input checked="" type="checkbox"/> SR <input type="checkbox"/>		Is it a NEW document or a REVISION of an existing one? REVISION <input checked="" type="checkbox"/> / NEW <input type="checkbox"/> If a REVISION, state the deliverable (e.g. ETS 300 987 ed 1 or EN 301 485 V1.1.1) being revised: TR 101 830-2	
Title: Transmission and Multiplexing (TM); Access networks; Spectral management on metallic access networks; Part 2: Technical methods for performance evaluations		Scope: The present document gives guidance on a common methodology for studying the impact of noise on xDSL performance (maximum reach, noise margin, maximum bitrate) when changing parameters within various Spectral Management scenarios. These methods enable reproducible results and a consistent presentation of the assumed conditions (characteristics of cables and xDSL equipment) and configuration (chosen technology mixture and cable fill) of each scenario. The revision could add to this: (a) receiver performance models for all variants of VDSL, ADSL2plus, enhanced-SDSL and ADSL2. (b) transmitter models for the same modems (PSD templates in stead of PSD masks, PSD shaping parameters (c) models for crosstalk from multiple locations, such as topologies with customers distributed along the line (relevant for VDSL simulations) or branched topologies. (d) additional example scenarios (e) refining the generic DMT model by accounting for side-lobe pick-up (f) etc.	
Keywords (name at least 2) <ul style="list-style-type: none"> • • access, • ADSL, • HDSL, • ISDN, • local loop, • modem, • network, • POTS, • SDSL, • spectral management, • transmission, • unbundling, • VDSL. 		STF information: <ul style="list-style-type: none"> • • • • 	

<ul style="list-style-type: none"> • xDSL • • • 	
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Work schedule:

<u>Progress milestone</u>	<u>Target date</u>
Date of creation of this Work Item	nov 2005
Date Work Item adopted by Technical Body	feb 2006
Start of work date:	feb 2006
ToC and Scope:	feb 2006
Stable Draft:	feb 2007
WG approval:	feb 2007
Technical Body approval:	TM6
<p><u>For EN deliverables only:</u> Is draft EN to be approved by One-step Approval Procedure or Two-step Approval Procedure? OAP <input type="checkbox"/> / TAP <input type="checkbox"/></p>	

Remarks: