

UIT - Secteur de la normalisation des télécommunications
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SOURCE*: Broadcom

TITLE: G.hs: Committee T1 code point for SCM VDSL

ABSTRACT

This paper proposes a codepoint in G.994.1 for "Committee T1 SCM VDSL" Mode.

1 Introduction

In the recent ITU-T meeting, a codepoint in G.994.1 was agreed for "Committee T1 DMT(MCM) VDSL". This contribution proposes that the other of the two reserved SPar(1) bits for Committee T1 be assigned as "Committee T1 SCM VDSL" mode. The proposed text is shown in the table below.

Table 11.0.1/G.994.1 – Standard information field – SPar(1) coding – Octet 2

Bits								SPar(1)s – Octet 2
8	7	6	5	4	3	2	1	
x	x	x	x	x	X	x	1	G.991.2 - Annex A
x	x	x	x	x	X	1	x	G.991.2 - Annex B
x	x	x	x	x	1	x	x	Committee T1 MCM VDSL - NOTE 1
x	x	x	x	1	X	x	x	<u>Committee T1 SCM VDSL - NOTE 2</u>
								Reserved for use by Committee T1
x	x	x	1	x	X	x	x	ETSI MCM VDSL - NOTE 3
x	x	1	x	x	X	x	x	ETSI SCM VDSL - NOTE 3
x	1	x	x	x	X	x	x	Reserved for allocation by the ITU-T
x	0	0	0	0	0	0	0	No parameters in this octet

NOTE 1 - Use of this bit is defined in "Draft Trial-Use Standard For Telecommunication - Interface Between Networks and Customer Installation - Very High Bit-rate Digital Subscriber Line (VDSL) Metallic Interface - Part 3: Technical Specification for Multi-Carrier Modulation (MCM) Transceivers".

NOTE 2 - Use of this bit is defined in "Draft Trial-Use Standard For Telecommunication - Interface Between Networks and Customer Installation - Very High Bit-rate Digital Subscriber Line (VDSL) Metallic Interface - Part 2: Technical Specification for Single-Carrier Modulation (SCM) Transceivers".

NOTE 3 - Use of this bit is defined in ETSI TS 101270-2

2 Summary

This contribution proposes that the other of the two reserved SPar(1) bits for Committee T1 be assigned as "Committee T1 SCM VDSL" mode.
