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Technical Specification

Universal Mobile Telecommunications System (UMTS); UTRAN Iub interface Layer 1 (3GPP TS 25.431 version 10.1.0 Release 10)



Reference

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Keywords

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Foreword

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- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
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1 Scope

The present document specifies the standards allowed to implement Layer 1 on the Iub interface.

The specification of transmission delay requirements and O&M requirements is not in the scope of this document.

In the following "Layer 1" and "Physical Layer" are assumed to be synonymous.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
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[1] 3GPP TS 25.411: "UTRAN Iu interface Layer 1".

[2] ATM Forum AF-PHY-0130.00 (1999-10): "ATM on Fractional E1/T1".

3 Definitions and abbreviations

For the purposes of the present document, the terms and definitions given in 3GPP TS 25.411 [1] apply.

4 Iub Layer 1

The Iub Layer 1 shall comply with the requirements of chapter 4 in TS 25.411 [1].

In addition, for the Iub Layer 1, it shall be possible to use n 64 kbit/s time slots within the scope of "ATM on Fractional E1/T1" as specified in ATM Forum AF-PHY-0130.00 [2], and to allow the co-existence of this interface with other interfaces on the same physical medium.

Annex A (informative): Change history

Date / TSG	TSG Doc.	CR	Rev	Subject/Comment	New
12/2008	-	-	-	Creation of Rel-8 version based on v7.0.0	8.0.0
12/2009	-	-	-	Creation of Rel-9 version based on v8.0.0	9.0.0
SP-49	SP-100629			Clarification on the use of References (TS 21.801 CR#0030)	9.0.1
03/2011				Creation of Rel-10 version based on v9.0.1	10.0.0
52	RP-110684	0003	-	Correction of references	10.1.0

History

Document history		
V10.0.0	April 2011	Publication
V10.1.0	July 2011	Publication