

# ETSI TS 125 431 V7.0.0 (2006-03)

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*Technical Specification*

## **Universal Mobile Telecommunications System (UMTS); UTRAN Iub interface Layer 1 (3GPP TS 25.431 version 7.0.0 Release 7)**



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Reference

RTS/TSGR-0325431v700

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Keywords

UMTS

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# Foreword

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Version x.y.z

where:

- x the first digit:
  - 1 presented to TSG for information;
  - 2 presented to TSG for approval;
  - 3 or greater indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

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## 1 Scope

The present document specifies the standards allowed to implement Layer 1 on the  $I_{ub}$  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.

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## 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 (10/99): "ATM on Fractional E1/T1".

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## 3 Definitions and abbreviations

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

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## 4 $I_{ub}$ Layer 1

The  $I_{ub}$  Layer 1 shall comply with the requirements of chapter 4 in [1].

In addition, for the  $I_{ub}$  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 [2], and to allow the co-existence of this interface with other interfaces on the same physical medium.

## Annex A (informative): Change history

Change history					
TSG RAN#	Version	CR	Tdoc RAN	New Version	Subject/Comment
RAN_04	-	-	-	3.0.0	Approved by TSG-RAN by correspondence
RAN_11	3.0.0	001 002	RP-010124	3.1.0	Approved at TSG RAN #11
RAN_11	3.1.0			4.0.0	Upgrade to Rel-4
RAN 15	4.0.0	-	-	5.0.0	Approved at TSG RAN #15 and placed under Change Control

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
12/2003	22	-	-	-	Introduction of Release 6 specification	5.0.0	6.0.0
03/2006	31	-	-	-	Introduction of Release 7 specification	6.0.0	7.0.0

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# History

<b>Document history</b>		
V7.0.0	March 2006	Publication