

# ETSI TS 125 431 V9.0.0 (2010-01)

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*Technical Specification*

## **Universal Mobile Telecommunications System (UMTS); UTRAN Iub interface Layer 1 (3GPP TS 25.431 version 9.0.0 Release 9)**

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# Foreword

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Version x.y.z

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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  $I_{ub}$  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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[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.

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## 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

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# History

<b>Document history</b>		
V9.0.0	January 2010	Publication