## 3GPPTS 25.421

# 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN lur interface layer 1 <br> (Release 11) 

## 

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## Contents

Foreword ..... 4
1 Scope ..... 5
2 References ..... 5
3 Definitions and abbreviations ..... 5
3.1 Definitions ..... 5
3.3 Abbreviations ..... 5
4 Iur Layer 1. .....  .5
Annex A (informative): Change history .....  6

## Foreword

This Technical Specification has been produced by the $3^{\text {rd }}$ Generation Partnership Project (3GPP).
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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.

## 1 Scope

The present document specifies the standards allowed to implement Layer 1 on the Iur interface. The specification of transmission delay require ments and $O \& M$ require ments are 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 pres ent document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
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## 3 Definitions and abbreviations

### 3.1 Definitions

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

### 3.3 Abbreviations

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

## 4 lur Layer 1

The Iur Layer 1 shall co mply with the require ments of chapter 4 in TS 25.411 [1].

## Annex A (informative): Change history

| Date | 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 |
| $02 / 2011$ | 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 |
| $06 / 2011$ | RP-110684 | 0003 | - | Correction of references | 10.1 .0 |
| $09 / 2012$ |  |  |  | Update to Rel-11 version (MCC) | 11.0 .0 |


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