**TSG-RAN meeting #18**                                            **RP-020880**
**New Orleans, US 3-6 December 2002**

| | |
|---|---|
| **Title** | Cover Sheet for the proposed TR skeleton **"Recommended measures in UTRAN to overcome early User Equipment (UE) implementation faults"** |
| **Source** | **Siemens** |
| **Agenda Item** | **8.7.11** |

This is the Cover Sheet for the proposed TR skeleton "Recommended measures in UTRAN to overcome early User Equipment (UE) implementation faults".

The suggested structure of the TR skeleton reflects the proposed way of discussing 'early UEs' at RAN#18 and beyond:

- first, it should be clarified what is meant by 'early UE handling' in terms of kinds of failures, time frame, etc. (proposed input of a 'problem statement' is submitted in RP-020881)

- secondly, the proposed solutions for signalling mechanisms should be evaluated against accepted criteria's (proposed input for requirements is submitted in RP-020882)

- furthermore, it is seen beneficial to accompany the signalling mechanisms by working procedures, describing guidelines of an overall treatment of early UE issues in 3GPP (see RP-020883)

- finally, a suggestion for the semantics and coding of IEs in the affected protocols will be given in RP-020884.

# 3GPP TR 25.xyz V0.0.0 (2002-12)

**3rd Generation Partnership Project;
Technical Specification Group Radio Access Network;
Recommended measures in UTRAN to overcome early
User Equipment (UE) implementation faults
(Release Independent)**

**GLOBAL SYSTEM FOR
MOBILE COMMUNICATIONS**

Keywords

UMTS, network, terminal

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# Contents

# Foreword

This Technical Report has been produced by the 3<sup>rd</sup> Generation Partnership Project (3GPP).

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

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.

# 1 Scope

The present document clarifies recommended measures which may be adopted by UTRAN to enable inter-working to be obtained between network and various early User Equipment (UE) implementations of the 3GPP specification. If possible, the 3GPP core specifications should be updated accordingly.

# 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.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies.  In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

  [1]           3GPP TS

# 3 Definitions, symbols and abbreviations

## 3.1 Definitions

For the purposes of the present document, the following terms and definitions apply.

**example:** text used to clarify abstract rules by applying them literally.

## 3.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

  <ACRONYM>   <Explanation>

# 4 Requirements for handling of faulty early UE implementations in UTRAN

*<requirement text>*

# 5 Signalling Mechanisms indicating specific early UE behaviour

*<description of selected signalling mechanisms – should be straight forward>*

# 6 3GPP Working Procedure for handling of faulty early UE implementations in UTRAN

*<working procedure text>*

# 7 Semantics and Coding of Information Elements indicating specific early UE behaviour

## 7.1 RRC Information Elements

*<semantics and coding descriptions>*

## 7.2 RANAP Information Elements

*<semantics and coding descriptions>*

# 8 Description on Recommended Measures

## 8.1 Case 1

### 8.2.1 Justification

*< Justification text >*

### 8.2.2 Solution

*< Solution text >*

# Annex A:
# Change history

| Change history | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Date** | **TSG #** | **TSG Doc.** | **CR** | **Rev** | **Subject/Comment** | **Old** | **New** |
| 2002-12 | RAN#18 | | | | Skeleton created | | 0.0.0 |
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