TSG-RAN meeting #18   **RP-020884**
New Orleans, US 3-6 December 2002

Title	**Proposed Content for the early UE RAN TR – IE Semantics and Coding**
Source	**Siemens**
Agenda Item	**8.7.11**

Introduction

This document proposes input for the semantics and coding section of the proposed TR (ref.[1]).

Discussion

Currently several methods are proposed in the CRs from RAN WG2 and RAN WG3 which do not utilise the IMEI-SV directly, neither on Uu nor on Iu interface. The proposed IEs serve as a bitmap with the aim to explicitly indicate UE faults by setting certain well defined bit-positions within an bitstring.

In contrast to that, Siemens proposes another method as described below:

- The bitstring (i.e. the content of the UE specific behaviour indicator) shall refer to a version of the proposed TR [1]. Whenever this version indication is received, UTRAN shall assume that the concerned UE either corrected all the issues reported in the indicated version of the TR or never implemented the reported failure.

- It shall be up to the proposed 'cyber WG' to decide to increase the version of the TR [1].

- Estimating a minimum version-update period of one month and a lifetime of the report of 20 years (although the TR should only cover the early times) gives 1 byte to be sufficient to carry the expected maximum amount of TR versions.

- In case the version indication is received in UTRAN via more than one interface the higher version indication shall take precedence.

Proposal

It is proposed to agree on the proposed version indication and to capture the agreement in the semantics and coding section of the proposed TR (ref.[1]).

References

[1]   RP-020880, Proposed TR skeleton "Recommended measures in UTRAN to overcome early User Equipment (UE) implementation faults"