

**Title:** Funding of GERAN to UTRAN Inter-RAT TTCN Test Case implementation

**To:** 3GPP TSG-T  
3GPP TSG-GERAN

**Cc:** 3GPP TSG-T WG1  
3GPP TSG-GERAN WG4  
3GPP TSG-GERAN WG5  
3GPP PCG

**Source:** Nokia, Qualcomm, Samsung, Cetecom, Hutchison 3G, Orange France, Telecom Italia Mobile, Vodafone Group

**Release:** R'99

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**Attachments:** None

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## 1. Overall Description

For UTRAN technology, protocol test cases are defined in both prose format (TS 34.123-1) **and** in TTCN (TS 34.123-3). The 'translation' of the prose test cases into TTCN is managed by ETSI Task 160 (Shicheng Hu) and appropriate funding is provided.

At 3GPP TSG-T#09 (September 2000) and the following 3GPP TSG-SA plenary meeting it was decided that responsibilities for Inter-RAT test cases are split as follows:

Test Cases for Inter-RAT Handovers from GERAN to UTRAN are under the responsibility of 3GPP TSG-GERAN WG4/5 while tests for Inter-RAT Handovers from UTRAN to GERAN are under the responsibility of 3GPP TSG-T WG1. The same applies for Inter-RAT Cell Selection and Cell Re-selection.

However, the current funding for the TTCN development applies only for test cases which are under the responsibility of TSG-T1.

The consequence of this means that there is currently only funding and development of TTCN test cases for UTRAN to GERAN Inter-RAT scenarios but neither funding nor TTCN test case development for GERAN to UTRAN tests. Since the majority of network operators will launch Dual-RAT (UTRAN and GERAN technology) services, tests for both Inter-RAT directions are essential and urgently required.

## 2. Actions

The companies mentioned in the source of this document would like to highlight that funding and resourcing for GERAN to UTRAN TTCN test case development (6 man months estimated) is urgently required and seeks support from TSG-T and TSG-GERAN.

TSG-T and TSG-GERAN are requested to raise this issue at 3GPP TSG-SA and 3GPP PCG in order to apply for and receive appropriate funding as soon as possible for the urgently required GERAN to UTRAN TTCN test case development.