

TSGT#13(01)0180



***TSG-T1
Conformance Test Specifications
Status Report to T#13 in
China***

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T1 Chairman**



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Latest Meeting

- **T1#12 was held in Busan, Korea and was hosted by Samsung.**
- **37 delegates**
- **133 input documents**

The minutes can be found in TP-010181

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Status of 34.108

Common test Conditions for User Equipment (UE) Conformance Testing

Issues:

Introductions/corrections of some RBs on the request of Ran WGs.

Introduction of RBs, ... for TDD mode. Creating R4 version with the introduction of LCR TDD.

First CRs to introduce default RF conditions for signaling tests. Should be completed by next meeting.

CRs to 34.108 presented in detail in TP-010183 for Approval.

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Status of 34.121

Terminal Conformance Specification, Radio Transmission and Reception (FDD)

R'99 level:	last meeting	now
• Transmitter	95%	100%
• Receiver	95%	95%
• Performance	90%	95%
• Support of RRM	20%	20%
• Annex	100%	100%

Ad-hoc meeting planned 11-12 October to push RRM tests, the agenda will also include test of LCS measurements.

Total test time: BER measurement needs further investigation.

CRs for 34.121, presented in TP-010184 for approval.

Status of 34.122

Terminal Conformance Specification, Radio Transmission and Reception (TDD)

R'99 level:	last meeting	now
• Transmitter	90%	95%
• Receiver	90%	95%
• Performance	70%	95%
• Support of RRM	0%	0%
• Annex	80%	90%

Progress in spite of limited number of contributors.

CRs for 34.122, presented in TP-010185 for approval.

Status of 34.123-1

User Equipment (UE) Conformance Specification, Part 1 – Conformance specification

Contains a text description of the protocol test cases.
Creating R4 version with the introduction of LCR TDD.
To increase visibility and minimize maintenance, test cases for R99 and R4 are merged into one document.
The applicability table in 34.123-2 indicates for which releases the individual test cases are valid for.
As discussed last time and as GERAN does. A trial period of 1/2 year foreseen!

A number of CRs are presented in TP-010186, TP-010188 and TP-010189 for approval!

Status of 34.123-2

User Equipment(UE) Conformance Specification, Part 2 - ICS Implementation Conformance Statement

Maps protocol test cases to the relevant UE capabilities.

CRs introduced to reflect changes in part 1 and to increase the usability of the document.

Creating R4 version with the introduction of LCR TDD.

CRs to 34.123-2 presented in TP-010187 for approval!

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Status of 34.123-3

User Equipment (UE) Conformance Specification, Part 3 – Abstract test suites

TTCN test specifications for the test cases described
in part 1.

500 TTCN test cases can be downloaded from the
server.

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TTCN issues: Intermediate Locking of TTCN to 2001-06

Problem:

Now the first simulators, compilers, other test tools and test terminals are becoming available. So it is now necessary to bring up the SW quality of the TCs to a level, where they can be used in the different environments. This is resource-wise and otherwise not possible, if we keep updating the TCs all the time.

Chosen solution:

We freeze for a period of time the version of core specification to which the TCs apply to. The appropriate version was found to be the R99 June 2001 version. This was supported by: R&S, Motorola, Hutchison, Nokia, Ericsson, Anite, Qualcomm, MCI, DoCoMo, Anritsu, France Telecom and Siemens.

Consequence:

The work to stabilize the TCs (and hence tools) is foreseen to take 1/2 year, the subsequent work to update TCs to current core spec version is estimated to take additionally 3 months.

The work on increasing the coverage of tests will continue in parallel - but will be based on 2001-06 core specs.

Exceptions will be dealt with on a case-by-case basis - and the issue will, of course, be re-visited at the next T1 meeting.

TTCN issues: Verification of TTCN:

As discussed at previous meetings, the industry is undertaking the verification of the TTCN TCs. Relevant companies are defining a database to register feedback on TTCN. At previous T meetings, it has been requested that this work should be done by a trusted, independent and non-commercial organizer. In fact ETSI MCC was proposed.

T1 would like to **ask for official acknowledgement** from T (and possibly PCG?) that this work is to be carried out by ETSI MCC(not Task160). So that resources can be allocated (3 mm for 1 technical assistant!)

A proposal for a database structure, for the version management and for a general release strategy will be presented at the next meeting by the relevant companies.!

Note: -Some sort of TTCN configuration management tool will be required!

-Regular work of task160 will require the agreed funding of 58 mm in 2002

TTCN issues: No use of Concurrent TTCN

The TTCN experts of T1/SIG have decided that for the current work concurrent TTCN will not be used in any conformance test cases. This decision may have bearings on the plans of equipment manufacturers and tool vendors in as much as the decision allows them stay focused on fixing issues with 'basic' TTCN.

Interested parties should contact SWG/SIG chair Dan Fox for further information and clarification.

Detailed report of the status of the TTCN project team(160) and of the implementation of the TTCN can be found in TP-010182 and is presented by MCC.

Status of 34.910



Identification of Test requirements for regulatory purposes in different regions/countries

Based on inputs from different organizations, TSG-T1 has decided to expand the scope of this document to list all requests for priority of test cases. The document will thus not only carry information on the priorities due to regulatory requirements, but also include sorted information on interoperability and other requirements. This will help T1 to put priority on the TCs needed most (and first) by the industry. Proposal for format at the next meeting.

V1 November'00 (not part of rel'99)

V4 September'01 - estimate 6 months delay

Current TSG-T1 internal issues for information of the TSG-T:

Testing of application platforms and interfaces to applications:

An interest group was formed by interested companies to come up with a plan of how to test 3GPP standardized UE interfaces to 'alien' applications.

To prepare for the common meeting with T2 during our Cancun meetings, the group met to draft first proposals for scope and area of work. The intermediate status report from the group can be found in T1-010376.

At the next T meeting, scope/work area and support will be presented.

AP: The Cancun host and T2 to arrange for the common meeting.

Current TSG-T1 internal issues for information of the TSG-T:

SWG SIG Chairman / Vice-chairman elections:

Dan Fox (Anritsu) was re-elected by acclamation as chairman of SWG Signalling Group.

T1 would like to thank Dan Fox for his firm dedication and for the tremendous amount of work he undertakes.

Mr. Kazuo Hayashi (Matsushita Communication Industrial Co.) was elected by acclamation as vice-chairman.

TSG-T1 Meeting schedule for 2001

- 3GPPT1#12-/RF/SIG 3 - 7 Sep 2001 Samsung, Korea
- 3GPPT1#13-/RF/SIG 26 - 30 Nov 2001 T1P1, Mexico
- 3GPPT1#14-/RF/SIG 18 - 22 Feb 2002 ETSI, France
- 3GPPT1#15-/RF/SIG 20 -24 May 2002 TBD, Host required
- 3GPPT1#16-/RF/SIG 29 July - 2 Aug 2002 TBD, Host required
- 3GPPT1#17-/RF/SIG 4-8 Nov 2002 TBD, Host required

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Input documents to TSG-T :

T1 Status report (this report)

T1 minutes of T1 meeting#11

Status of TTCN Project team(160)

TP-010180 Presentation

TP-010181 Information

TP-010182 Approval

CRs to 34.108

CRs to 34.121

CRs to 34.122

TP-010183 Approval

TP-010184 Approval

TP-010185 Approval

CRs to 34.123-1

CR to 34.123-1

CR to 34.123-1

TP-010186 Approval

TP-010188 Approval

TP-010189 Approval

CRs to 34.123-2

TP-010187 Approval

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