

TSG-T1 Conformance Test Specifications Status Report to T#18 in New Orleans

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T1 Chairman**

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Latest Meeting

- **T1#17 was held in Luton, UK, November 4th to 8th November, and was hosted by Anritsu.**
- **68 delegates**
- **260 input documents processed**

The draft minutes can be found in TP-020291- for information

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RF test status

Main topics covered

- RRM Test
- Maintenance of R99 specifications
- Total Test Time optimization
- Test case prioritization
- Status of specifications and outstanding issues

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RRM Test Cases

- **5 new test cases developed (all TDD)**
- **Corrections and updates to existing Test Cases**
- **Test tolerances now applied to some TCs**

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Completeness of RRM Tests

<i>Document</i>	<i>Test Spec.</i>	<i>Core Spec.</i>
34.121 R99	84%>84%	98%>100%
34.122 R99	56%>45%*	90%>100%
34.122 R4	30%>40%	100%

**** Reduction due to new test cases being identified***

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Maintenance of R99 Specifications

- **Follow up database maintained**
- **Allows all core specification changes to be checked for relevance to test specifications**
- **Updates made**

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Total Test Time

**New strategy pursued
Leading to the drafting of TR34.901 v0.1.0
“Test Time Optimisation based on
statistical approaches”**

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Test Case Priority

Priority list for RF tests provided by GCF
Although GCF expect their package 1 RF tests to refer to Mar 02 version of core specification, T1/RF SWG will keep updating the test specifications to test the latest version of the core specification. T1/RF SWG will, however, provide additional information identifying the differences between the versions of core specifications.

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Status of RF Specifications

<i>Document</i>	<i>Current</i>	<i>For Approval</i>
TS34.121	3.10.0	3.11.0
TS34.122	3.9.0	3.10.0
TS34.122 (R4)	4.5.0	4.6.0

23 CRs for 34.121, presented in TP-020294 for approval.
6 CRs for 34.122 (R99) and 8 CRs for 34.122 (R4),
presented in TP-020295 for approval.

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Status of Signalling Specifications



Main topics:

- **CRs to**
 - **TS34.108, Common test conditions**
 - **TS34.123 – 1, Prose test specifications**
 - **TS34.123 – 2, Applicability Statement**
- **Approval of the first TTCN test cases – leading to a version 3 of TS34.123 – 3, TTCN test specification**

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TS34.108 v3.8.0 and 4.3.0

- **Mainly maintenance**
- **Some small changes due to Sept 02 Core specification CRs**
- **Introduction of new RAB combinations**
- **Extensions for Multi-call**
- **Annex added to accumulate Rel5 information until content is large enough to justify a R5 version (T advice from last meeting)**
- **14 CRs for 34.108 (R99) and 15 CRs to 34.108 (R4), are presented in TP-020293 for approval.**

TS34.123 – 1, Prose Test cases

- **Almost 100% updated to September 2002 core specifications.**
- **Due to work load, E-mail approvals have been used extensively.**

98 CRs for 34.123-1, presented in TP-020296, TP-020297, TP-020298 and TP-020299 for approval.

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TS34.123 – 2

**Updated to reflect changes in
TS34.123 – 1**

11 CRs for 34.123-2, presented in TP-020300 for approval.

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TS34.123 – 3 (TTCN)

"First 3 TTCN test cases are considered verified and are presented here for approval..."



- Several more TTCN test cases are in the approval process in T1.
- In parallel, work continues on stabilizing existing TTCN, to expand the TTCN coverage and to update existing TTCN to test latest versions of core specifications.

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TS34.123 – 3 (TTCN) .. (2).



As TSG-T may know, T1 has been discussing the criteria for approving TTCN implementations of the 'base' prose test cases of T1 for some time.

The target has been to create TTCN implementations, which are generally portable and which basic format is broadly accepted.

A TTCN test case needs to be 'verified' before it can be approved by T1. Verification is based on input from the industry.

A number of manufacturers of test equipment and handset technology have now reached a development status, which allows T1 to base its verification on real HW implementations of test equipment and of UEs.

The TTCN presented here for approval, have been proven to run on 2 independent test platforms and against 3 independent UEs. Several more companies have confirmed that the TTCN run in their labs.

TS34.123 – 3 (TTCN) .. (3).

- **T1 ask TSG-T to approve the TTCN test cases presented in TP-020302 and to thus create a version 3 of 34.123-3 as presented in TP-020301.**
The resulting .mp file (the actual TTCN code) will be amended to 34.123-3 once approved by TSG-T.
- **The general status status of the TTCN project team is presented in TP-020292 for approval.**

3GPP T1 Elections

At the next T1 and T1 SWG meetings in San Antonio, TX, USA, February 2003, elections will be held for:

- **T1 chair**
- **T1 vice chairs**
- **T1 RF SWG chair**
- **T1 RF SWG vice chair**

Elections for T1 SIG SWG chair and vice chairs are not due for another ½ year.

Future Meeting Schedule

<i>Meeting</i>	<i>Dates</i>	<i>Location/Host</i>
T1 # 18	10 - 14 Feb 2003	San Antonio, TX - NAF3GPP
T1 # 19	12 - 16 May 2003	Korea, Samsung
T1 # 20	28 July – 1 Aug 2003	Europe (host TBD)
T1 # 21	3 – 7 November 2003	TBD (EF3GPP)

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Input documents to TSG-T :

T1 Status report (this report)

T1 minutes of T1 meeting#16

TTCN report

CRs to 34.108

CRs to 34.121

CRs to 34.122

CRs to 34.123-1,

CRs to 34.123-2

34.123-3 v2.0.0

TTCN test cases for approval

TP-020290 Presentation

TP-020291 Information

TP-020292 Approval

TP-020293 Approval

TP-020294 Approval

TP-020295 Approval

TP-020296 Approval

TP-020297 Approval

TP-020298 Approval

TP-020299 Approval

TP-020300 Approval

TP-020301 Approval

TP-020302 Approval