

**Chairman's Status report**  
**for 3GPP TSG-T1**  
**(Conformance Test Specification)**

- **The T1 plenary group met once and the 3 Sub Working Groups twice since the last TSG-T meeting**
- **The last TSG-T1 meeting was held in Munich, Germany and was hosted by Rohde & Schwarz  
The minutes can be found in Tdoc : TP-000031**
- **This report contains the status of the deliverables and touches upon a few items of discussion.**
- **TSG-T1 chairman has changed company to Qualcomm.  
Letter of commitment can be found in T1-000016.**
- **Items for special TSG-T attention are marked in red**

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**Schedule for Deliverables****34.108 - Common test Conditions for User Equipment (UE) Conformance Testing**

**‘TS 34.108 will contain definitions of reference conditions and test signals, default parameters, reference Radio Bearer configurations, common requirements for test equipment and generic set-up procedures for use in UE conformance tests.’**

**Contributions needed for functions required for TDD testing!**

**V1 March ‘00 For information in TP-000032**

**V3 June ‘00 (part of release ‘99)**

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**Schedule for Deliverables**

**34.109 - Terminal Logical Test Interface;  
Special conformance testing functions**

**Specifies terminal functions required for conformance testing purposes.**

**Test loops, Electrical MMI, functions allowing automated tests, (DAI has been taken out), ICC/SIM interface,...**

**RAN2 review before version 2(3) is released. LS in TP-000006**

**RAN2 may take over 34.109, as it is slightly out of our scope!**

**Contributions needed for functions required for TDD testing!**

**Should Test Loop Back be possible without Test-SIM? LS in**

**TP-000007! LS on 'Implementation of ref. measurement**

**Channels - LS in TP-000005.**

**Has reached version 1.2.0. - proceeds according to schedule**

**V1 September'99**

**V3 June'00**

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**Schedule for Deliverables**

**34.121 - Terminal Conformance Specification,  
Radio Transmission and Reception (FDD)**

**‘Contains the measurement procedures for the transmitting characteristics, the receiving characteristics and the *performance requirements* in FDD mode.’**

**Based on December release of core specifications.  
Due to RAN activities on rel'99 until June, we foresee Change Requests to 34.121 at least until September.**

**For approval as a version 3.0.0. in document TP-000033**

**V1 June'99**

**V3 March '00 (rel'99 freeze in September'00!)**

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**Schedule for Deliverables**

**34.122 - Terminal Conformance Specification,  
Radio Transmission and Reception (TDD)**

**“Contains the measurement procedures for the transmitting characteristics, the receiving characteristics and the *performance requirements* in TDD mode.”**

**Still low on resources.**

**Has reached version 1.2.0. Progress report in T1-000037r**

**V1 December'99**

**V3 June'00**

**Schedule for Deliverables**

**34.123-1 - UE Conformance  
Specification, Part 1 –  
Conformance specification**

**‘Contains a prose description of the test cases’.**

**Candidates for the prose Test Case project team will be  
evaluated beginning of April.**

**To focus efforts, a detailed priority list has been elaborated.  
High priority test cases so far identified can be found in  
T1-000030 (internal working document!).**

**V1 December’99**

**V3 June’00**

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**Indicating (again!) the intended contents of  
TSG-T1 release '99 signaling part.**

**Pure 3G environment (in FDD environment!)**

**Idle mode functions**

**Voice call functions (incl. emergency call)**

**Circuit switched data (up to 64 kb/s) + Fax**

**Auto-calling (restrictions)**

**SMS (PP & CB)**

**To the degree of what is needed for regulatory approvals  
and support of essential capabilities.**

**If sufficient contributions/ funding are received, we will  
try to include also the Multi system (GSM/3G) support &  
Packet data.**

**Co-ordinator is needed for Circuit Switched Data Service.**



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## **Schedule for Deliverables**

**34.123-2 - Mobile Station (MS) Conformance Specification, Part 2 – ICS Implementation Conformance Statement**  
**‘Contains a list of capabilities which can / should be implemented in a 3G terminal’**

**Work will be linked to T2’s list of capabilities and we will use the terminology suggested by T2 (Essential /..).**

**Has reached version 1.0.1. Must be updated to reflect changes in 21.904 and applicability statements of RF, Signalling and EMC test case.**

**V1 December’99**

**V3 June’00 (providing TR21.904 v3 release in March’00)**

## **Schedule for Deliverables**

**34.123-3 - Mobile Station (MS) Conformance  
Specification, Part 3 –  
Abstract test suites**

**‘TTCN test specifications for the test cases described in  
part 1’**

**Some delay possible due to late project start (late funding).  
High priority test cases will be processed first! Priority comes  
from members and eventually from feedback from SDOs.  
Input welcome!**

**V1 Sep'00**

**V3 March'01**

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## **Status of the project team to do the TTCN description of the test cases**

- **TSG-T1 has to assume (not verified!) that ‘Call for experts’ for the project teams has been relayed to all SDOs. Candidates are evaluated beginning of April.**
- **Only validated test cases (TTCN) will be considered part of release ‘99. Validation problem must be solved!**
- **A considerable part of the core specifications has been postponed until March ‘00. Test specification can not be approved when the core specification has not been finalized/approved.**

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## Schedule for Deliverables

### **34.124 - Electro-Magnetic Compatibility (EMC) for Terminal equipment**

**‘Contains a superset of regulatory EMC requirements for 3G terminals as we know them’.**

**Presented in TP-000034 for approval as a version 3.**

**Proposal for a new TR containing the identified regional EMC requirements (background for 34.124). Presented for approval in TP-000036. Not part of rel’99.**

**V3                      March’00**

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## Schedule for Deliverables

**34.910 - 'Identification of Test requirements for regulatory purposes in different regions/countries'**

**TSG-T1 has elaborated a list of so far identified test cases. Even though this is not complete, TSG-T1 felt that the SDOs must now be invited to indicate the, for them, high priority test areas. TSG-T1 has indicated on the list, what we believe to have regulatory relevance (priority 1!).**

**34.910 will contain the feedback and hence the resulting priority of the identified test cases.**

**LS presented for information in TP-000035**

**V1 March'00(not rel'99)**

**V3 March'01**

**Delayed until November due to change of policy!**

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

**A possible restructuring of TSG-T1 required in order to optimize interface to external groups and to ensure that a merger of SMG7 into TSG-T1 does not risk the time schedules of neither TSG-T1 or SMG7. PCG ad hoc' will advice. Initial LS to SMG/SMG7 presented in TP-000008 for information/discussion.**

**An interface to the 'GSM Certification Forum' and GSM Association IMT2000 Steering Group (ISG) regarding conformance requirements for 3G UEs should be established.**

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**Item to be discussed at coming T1 meetings - for information**

- **To allow testing of different UE types some means must be provided (manual operator, physical connector, Bluetooth, over the air,...)  
- to e.g. for a test simulator to request a UE to initial a call or a service for testing purposes.**
- **Review of a concept proposal allowing testing of UEs with no MMI and for automatic testing????.**
- **Discussion of EMMI (Electrical Man Machine Interface) using AT commands.**

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## TSG-T1 deliverable status list

	<b>Rel'99</b>
<b>34.108 - Common test Conditions (NEW)</b>	<b>June'00</b>
<b>34.109 - Terminal Logical Test Interface</b>	<b>June'00</b>
<b>34.121 - Radio performance (FDD)</b>	<b>March'00</b>
<b>34.122 - Radio performance (TDD)</b>	<b>June'00</b>
<b>34.123-1 - Conformance Specification</b>	<b>June'00</b>
<b>34.123-2 - Implementation Conformance Statement</b>	<b>June'00</b>
<b>34.123-3 - Abstract test suites (TTCN)</b>	<b>Mar'01</b>
<b>34.124 - Electro-Magnetic Compatibility (EMC)</b>	<b>March'00</b>
<b>34.910 - Test case priority list (v3 - March'01)</b>	<b>No</b>



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## TSG-T1 Meeting schedule for 2000

3GPPT1-/RF/SIG	24 - 25 Jan 2000	Morgan Hill, CA, US (Anritsu)
3GPPT1-/RF/SIG/EMC	21 - 23 Feb 2000	Munich, Germany (R&S)
3GPPT1-#6	24 - 25 Feb 2000	Munich, Germany (R&S)
3GPPT1-/RF/SIG/EMC	5 - 7 June 2000	UK (Anritsu)
3GPPT1-#7	8 - 9 June 2000	UK (Anritsu)
<i>3GPPT1-/RF/SIG/EMC</i>	<i>28 - 30 Aug 2000</i>	<i>Finland (Nokia)</i>
<i>3GPPT1-#8</i>	<i>31 Aug - 1 Sep 2000</i>	<i>Finland (Nokia)</i>
3GPPT1-/RF/SIG/EMC	13 - 15 Nov 2000	US (T1P1)
3GPPT1-#9	16 - 17 Nov 2000	US (T1P1)

Concept: SWG and T1 meet several weeks before a TSG-T meeting.

SWGs normally meet once in between each T1/SWG meeting (not reflected here!).

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**Input documents to TSG-T :**

**T1 Status report (this report)**  
**T1 minutes of T1 meeting#6,**

**TP-000030 Presentation**  
**TP-000031 Information**

**34.108 v1.0.0 presentation**  
**34.121 v2.0.0 presented in**  
**34.124 v2.0.0 presented in**

**TP-000032 information**  
**TP-000033 Approval**  
**TP-000034 Approval**

**Proposal of new TR regarding**  
**regional EMC requirements**

**TP-000036 Decision**

***Liaison Statement to TSG-T:***

**Loop back without Test SIM?**  
**TSG-SA, list of priority 1 test areas**  
**Merging of SMG7 into TSG-T1/to SMG**  
**Review and ownership of 34.109**  
**Implementation of ref. meas. channels**

**TP-000007 Decision**  
**TP-000035 Information**  
**TP-000008 Information**  
**TP-000006 Information**  
**TP-000005 Information**