Source: **T1 Secretary**

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3GPP TSG T WG1 #10
Copenhagen, Denmark
8-9 February 2001

DRAFT Report from the 3GPP TSG T WG1 #10 Plenary Meeting

8-9 February 2001

Radisson SAS Royal Hotel, Copenhagen, Denmark

Revision: 1

Chairman: Bjarke Nielsen

Secretary: Lidia Salmerón

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1 Opening of the meeting

The tenth TSG T1 Plenary meeting was held on 8 to 9 February 2001 in Copenhagen (Denmark) and was hosted by Qualcomm.

Mr Nielsen opened the meeting at 9.00 am. He informed that the wireless LAN is working and delegated should try to connect to it. In future meetings we will try to use only wireless LAN.

Mr Nielsen gave some logistic information.

2 Adoption of the agenda

The original agenda in **T1-010001** was approved.

Mr Nielsen gave a reminder on the IPR obligations.

3 Registration of input documents

The documents were allocated to the agenda as indicated in Annex B.

4 Approval of the minutes from last meeting

The report from the last T1#9 meeting (Redondo Beach) can be found in Tdoc **T1-010002** this document was circulated on the e-mail reflector, comments received were incorporated and therefore is considered approved. The table below contains the status of the actions points from last meetings as well as the new actions points resulting from this meeting:

AP Description	**Status**	**Comments**
All: To send contributions about the different regulatory situations	Open	Only received from Japan
AP8.2: Mr George will meet with the subworking group chairmen to try to add some detail to the work plan. He will produce a report for the T meeting.	Done	
AP8.8: Anritsu will send out an invitation on the T1 reflector	Open	TSG T discussed the issue. The issue will be handle by the T1/Sig but the invitation needs to be sent.
AP8.11: Mr Fox to include TTCN version control in the agenda for the next T1/Sig meeting.	Open	Not handled by T1/Sig because of lack of time. To be discussed at the next T1/Sig.
AP9.1: MCC to provide guidelines for wireless LAN cards (which cards to purchase).	Done	Some e-mails were send on the e-mail reflector
AP9.2: Ms Salmeron include all the action points in the table.	Done	
AP9.3: Mr Nielsen to have further discussions with the chairman of GCF	Done	Mr Nielsen attended the last GCF meeting. The chairman of the GCF will give a presentation at this meeting.
AP9.4: MCC to send the final version of the meeting	Done	Included also as an annex of the report

schedule on the e-mail reflector at the end of next week.		
AP9.5: Ms Salmeron to created PRD-06 with the work item sheets.	Done	
AP9.6: T1/sig to discuss the issue of testing of high layer features and applications at the next meeting.	Open	Not handled by T1/Sig because of lack of time.
AP9.7: Ms Salmeron to send the LS in T1-000278.	Done	
AP9.8: Ms Salmeron to get cover sheet for presentation from Mr Fenn and to change the cover page to Rel 4.	Done	
AP9.9: T1/Sig to provide a plan for prose and TTCN tests for Rel 4 and Rel 5	Done	There will be an input document to T1
AP9.10: Mr Hu to provide the available TTCN test cases for the TSG#10 meeting.	Done	The test cases can be found on the 3GPP server under the T1/Sig area.
AP9.11: MCC and T1/Sig to propose a version numbering system for the TTCN specification.	Withdrawn	This is already cover by AP8.11
AP9.12: Mr Fox and Mr Hu to discuss the number of mm necessary to cover the voluntary contributions and maintenance of TTCN and send conclusion to the e-mail reflector.	Done	Provided at the last TSG T meeting.
AP9.13: Ms Salmeron to send the LS T1-000272r1 to GERAN4.	Done	
AP9.14: MCC to produce a draft table as described in the report on verification of TTCN test cases.	Done	To be discussed at T1
AP9.15: R&S to write LS to T1/Sig on problematic with demodulation of BCH in Block STTD mode.	Open	
AP9.16: Mr Yokoyama to send LS in T1-000266 to the contact person in ARIB. Ms Salmeron to modify header to include T and RAN as cc and send it.	Done	Some input received from ARIB to be discussed at this meeting
AP9.17: Ms Salmeron to send the LS in T1-000265.	Done	
AP9.18: Subgroups to check references in TR 34.910 and report to the chairman.	Open	
AP10.1: Mr Mattisson (Erisson) to start the discussion on the issue of conformance test requirement for application later test and present some input at the next meeting.		
AP10.2: T1/Sig to elect a vice-chairman at the next meeting.		
AP10.3: Mr Mattisson to handle the discussion on the issue of review timing requirements in idle mode test cases (T1-010003).		
AP10.4: Mr Sood will present some input to T1 on the conclusions reached by T2 on the splitting of the protocol.		
AP10.5: Ms Salmeron to contact the host to discuss the collocation with G4.		
AP10.6: Mr George (Anritsu) will accumulate all the input received on the creation of a new subgroup and at the next meeting he will give a presentation on the conclusions.		
AP10.7: Mr Mattisson (Ericsson) will start the discussion on the creation of a new subgroup on the e-mail reflector.		
AP10.8: Chairmen and rapporteurs to prepare change request on change of term 'conformance requirement' by 'minimum requirement'.		
AP10.9: All to consider if interface T1-IETF is needed.		
AP10.10: Mrs Salmeron to find out why pdf versions of specs are not produced anymore		
AP10.11: Mr Schulze will provide further input to the meeting on the issue of intersystem handover tests.		
AP10.12: Mr Schulze to report back to G4 on the NAS issue.		
AP10.13: Nokia, Ericsson, Rohde & Schwarz and other interested companies to make proposal on verification of test cases.		
AP10.14: Mr Fox (Anritsu) will prepare a contribution		

describing the radio environment actually used by the signalling test and will submitted to the RF subgroup for guidance. If a change is needed, it will be done at T1/Sig #16.		
AP10.15: T1/Sig to present to T1 the proposal on how to handle the future inclusion of radio bearers.		
AP10.16: T1/RF and T1/Sig to agree at the next T1 meeting when do we expect to release Rel 4 expects this also applies to T1/Sig.		
AP10.17 Mr Mattisson (Ericsson) to inform T1 about any progress in the issue of default configuration.		

T1-010070: Report from T#10 in Bangkok
Mr Nielsen presented the document. The information relevant for T1 is highlighted in yellow. The main issues are:

- Budget reallocation for TTCN was approved.
- All the T1 CRs were approved.
- Importance of the verification of test cases, being MCC the expected neutral body to keep the results of the verification.
- Urgency to resolve the test tolerance issue: At T1 #10, the T1/RF subgroup reported that all the critical issues have been resolved now.
- Regulatory requirements for Japan to be considered in our test specification
- LS from T1 to several groups regarding conformance test requirements for application layer test: Some answer already received from T2. This will be discussed later during the meeting. Mr Nielsen said that the interested parties shall come together to try to reach some conclusion.

AP10.1: Mr Mattisson (Erisson) to start the discussion on the issue of conformance test requirement for application later test and present some input at the next meeting.

- LSs from G4: We shall wait until G4 and GERAN reach a conclusion.

The document was noted.

5 Election of Chairman and Vice-Chairmen of TSG-T1

Mr Nielsen asked for candidates but none were presented. Mr Nielsen informed that he is willing to continue in the position of chairman. The letter of commitment from Qualcomm is in included in **T1-010072**. Mr Nielsen was elected chairman by acclamation.

For the two positions of vice-chairman, Mr Peter George (Anritsu) and Mr Hisashi Nakagomi (NTT DoCoMo) were elected by acclamation. The letters of commitment are included in **T1-010075** and **T1-010073**, respectively.

The T1/RF subgroup also informed that they have appointed Mr Edgar Guillot (France Telecom) as vice-chairman. The meeting welcomed this appointment and suggested that T1/Sig should elect a vice-chairman as well.

AP10.2: T1/Sig to elect a vice-chairman at the next meeting.

6 Incoming LS's

T1-010003: LS from N1 on Response to LS on request to review timing requirements in Idle mode test cases
N1 thinks that this issue needs further review by R1, R2 and G2. This LS is directed to the subgroups and copied to T1. Mr Mattisson (Ericsson) will handle the discussion on this LS. The LS was noted.

AP10.3: Mr Mattisson to handle the discussion on the issue of review timing requirements in idle mode test cases (T1-010003).

At this point Mr Sood (Sharp) suggested that it would be good to have a plenary session at the beginning of the week, before the subgroup meeting in order to organise the work to be done by the subgroups. This idea was supported by Motorola but not by France Telecom.
Some concern was raised about people attending only the plenary or the subgroup sessions.
It was suggested to have a coordination meeting before the subgroups with the officials from the meetings. The issue was left open for off-line discussion and was treated again under postponed issues.

T1-010004: LS from T2 on Future Plan for TR 21.904
T2 informs T1 of its decision to stop any further maintenance of TR21.904 "UE capability requirements". This LS was also noted by T1/Sig and they agreed with the content of the LS. T1 noted the LS and agreed with the content.

T1-010006: LS from N1 on Response to LS on CC timer accuracy
Ericsson presented the LS. T1 asked N1 if there is a need for the actual extra tolerances that were taken from GSM values. T1/Sig already treated this LS and informed that this LS just confirmed the assumptions made by the group. The LS was noted.

T1-010007: LS from S3 on Security aspects of UE conformance testing
S3 points out some concerns regarding the absence of the following security features (which are not present in GSM) in the definition of the 3G terminal test environments in 3G TS 34.108:

- Integrity protection
- Network authentication failure
- Security indicators

This LS was discussed by T1/Sig. They noted that some test cases covering some of these features are already included in 34.123-1. T1/Sig believed that S3 looked at the wrong specification. A response LS was drafted in T1-010103 (see section 11 of this report). Mr Sood suggested to also include in the LS the discussion that T1/Sig had on visibility.
The LS was noted.

T1-010016: LS from S2 on Definition of bearer service end-point to budget transfer delay within UE
T1 does not need to be involved in the splitting of the protocol, however, the selecting split must still allow us to be able to perform the testing. This issue is currently under discussion in T2. The conclusion reached by T2 will have impact in our testing, therefore we will need to express our opinion (e.g. which modules need to be tested?). Mr Sood said that T2 is also looking into a new split of the UE.

AP10.4: Mr Sood will present some input to T1 on the conclusions reached by T2 on the splitting of the protocol.

The LS was noted.

7 Presentation of GSM Certification Forum

T1-0100098: GSM Certification Forum (GCF) from GSM to 3G to become Global Certification Forum
Mr Blankenfeld, chairman of GCF, gave a presentation on the GCF activities. The main points in the presentation were:

- GCF is operational for GSM, with 22 terminals GCF approved.
- GCF is based on agreed and validated test cases, commercially available test equipment.
- Voluntary participation for operators and manufacturer and on an individual base. Mutual recognition of test results what gives benefits to all the members.
- GCF process: Manufacturer declares conformity to GCF. Settlement of any dispute and withdrawal of GCF certificated are defined in the process.
- Approved to start work on 3G testing. Workshop to be organised.
- TS 34.121, 34.122 and 34.123-1 will be taken as basis.

The presentation was followed by a session of questions and answers:

DoCoMo asked the meaning of 'bronze', 'silver' and 'gold' levels included in the presentation. Mr Nielsen answered that this are marketing terms used in 3GPP presentations when describing 3GPP to the outside world. T1 can provide testing for the bronze level and most of the silver level. Mr Mattisson thinks that the terminology "regulatory", "interoperability" and "voluntary" shall be used instead of "bronze", "silver" and "gold".

T1 is interested in getting from GCF an idea of which test cases (not related to type approval) are important to consider. Mr Blankenfeld explain that in GCF, test cases are included if both operators and manufacturer see the need of it.

It was clarified that GCF does not perform any testing. The tests are performed by the manufacturer itself (or a third party), who makes a declaration. GCF defined the tests that shall be carried out.

How to test interoperability between different systems? For the moment only GSM is covered by GCF. The next step is to include the 3GPP. Mr Schulze clarified that normally, when the

tests related to a certain type of terminal are mature, they are include in GCF. For example, in the GSM case, GPRS and AMR are being included and EDGE will be soon.

Mr Nielsen clarified that T1 cannot make any classification of requirements in regulatory and not regulatory. TR 34.910 is just monitoring the actual regulatory situation based on the input received.

It was clarified that GCF is not concentrated in Europe. The goal for the 3G is to extend the scheme to other regions.

Only when there are test cases that are not cover by the regulatory requirements, there is room for GCF.

Time since approval of test case by T1 to inclusion in GCF: the test case must be validated and approved to be in the voluntary specification of GCF. The market pays the validation.

What is the GCF view on T1 doing verification of test cases? Mr Blankenfeld does not think T1 is in the capability of verifying test cases. But it will be good if T1 could maintain a list of verified test cases. GCF needs a validation of test cases for specific platforms.

Plans for Japanese manufacturer and operators: they have contacted with them but no discussion have taken place for the moment.

The Workshop for the extension of GCF to 3G will take place in south Denmark the 26 March. Any delegate from T1 will be welcome to the meeting.

8 T1 administrative issues

8.1 Time schedule for next meetings - for review and consensus

The meeting schedule is included in **T1-010074**. See Annex D of this report. It seems that the intention of T1P1 is to collocate the meeting in November with GERAN4.

AP10.5: Ms Salmeron to contact the host to discuss the collocation with G4.

Delegates must be aware that a VISA is needed for Australia.

T1/RF plans to have a meeting on 9-11 July in Berlin, hosted by Siemens and collocated with RAN4.

Mr Nielsen noted that T1's meeting in September will clash with RAN4 meeting.

8.2 IGC status and TSG-T1 work plan, status and path forward

T1-010104: T1-06 "T1 Work Item description for Rel 4"
Mr George (Anritsu) presented this revision of the T1 work items.
It was noted that before submitting work items for approval, 4 supporting companies are needed for each work item. Companies are asked to check their resources and to send their answers on the e-mail reflector. Mr George will created a summary table to facilitate the task to companies. Mr George will consider answers received in the period of 2 weeks.

The document was reviewed by the meeting and the following comments were made:

- WT_2 "Testing radio access bearer support enhancements" belongs to Rel5
- Mr Fox will like to have a work task for the maintenance of the R99 test cases. This can be included under the feature "Miscellaneous UE Conformance Testing Activities"
- Mr Hu said that TTCN for TDD is still to be done for R99. It will be good to reflect this in the work plan.

The work plan in **T1-010014** was also noted by the meeting.

Mrs Salmeron noted that RAN2 has asked for guidance on two work item related to 34.109 that have been assigned to them in the work plan. T1 has not identified work for TS 34.109 Rel4. Any requirement will be liased with RAN2 for the inclusion (a LS regarding EMMI will be send at this meeting) but for the moment we have no visibility of any requirements. Therefore, T1 considers that RAN2 can remove these work tasks allocated to them: "Terminal interfaces - EMMI specification" and " Evolution of transport in UTRAN - Logical test interface".

8.3 Discussion on the Establishment of a new SWG for testing of higher layer features and applications (MExE, LCS,…)

T1-010005: LS from T2 on Reply to conformance test requirements for application layer test
T2 informs that Multimedia Messaging Service was missing in the list of possible areas requiring conformance specification sent by T1. T2 has the expertise in this area but would require some guidance from T1. The LS was noted.

T1-010015: LS from S2 on answer to LS to TSGs T2, SA1, SA2 and SA4 regarding conformance test requirements for application layer test
S2 provides some guidance on which areas may require conformance testing and the corresponding 3GPP group with the expertise.

Global Text telephony	CN1
VHE enhancements	CN5
OSA enhancements	CN5
Location Services enhancements	GERAN WG2 and RAN WG2

The LS was noted.

After noting these two liaison statements, the meeting discussed the possibility of forming a new working group to attend these areas. The meeting concluded that for the moment we do not have enough information on the type of work and the work load that will need to be done. We will try to get as much information as possible and to get a conclusion at the next meeting.

AP10.6: Mr George (Anritsu) will accumulate all the input received on the creation of a new subgroup and at the next meeting he will give a presentation on the conclusions.

AP10.7: Mr Mattisson (Ericsson) will start the discussion on the creation of a new subgroup on the e-mail reflector.

8.4 Release4 and Release5

This issue was treated under other points.

8.5 (Re-) definition of and use of ‘conformance requirement’

During the work in the test tolerance issue, the RF subgroup found that the definition of 'conformance requirement' is unclear. In discussions with RAN4 they have agreed to change this term from 'conformance requirement' to 'minimum requirement'.
T1 agreed with this proposal. Changes to all the test specifications and to one T1 PRD are needed.

AP10.8: Chairmen and rapporteurs to prepare change request on change of term 'conformance requirement' by 'minimum requirement'.

8.6 Validation of TTCN

This issue was treated during the T1/Sig presentation.

8.7 Interaction between IETF and 3GPP

Delegates shall consider if there is a need for T1 to establish an interface to IETF.

AP10.9: All to consider if interface T1-IETF is needed.

8.8 EMMI

This issue was treated during the T1/Sig presentation.

8.9 Do we need to provide big specifications on pdf format?

Several delegates have asked why the pdf versions of the specifications are not produced any more.

AP10.10: Mrs Salmeron to find out why pdf versions of specs are not produced anymore.

Following some questions, Mrs Salmeron explained that 34.123-1 have been merged in a single MS Word file (instead of being split into sections) because in this way it is easier to generate the table of contents and do the pagination.

9 Status reports

9.1 GERAN4 status report

Ms Salmeron presented **T1-010017**: GERAN4 status report for information.

At the last G4 meeting the election of chairmen for the plenary and subgroup took place. The list of official is the following:

- chairman: Jean-Marc Recouvreux (Alcatel)
- vicechairman: Tim Beard (Anite)
- secretary: Lidia Salmerón
- RF subgroup chairman: Bernd Kohn (Rhode&Schwartz)
- GPRS SIG subgroup chairman: Arnold Ronbeck (Ericsson)
- EDGE subgroup chairman: Ilya Goronovsky (Motorola)
- SIG subgroup chairman: Jean-Marc Recouvreux (Alcatel)

The main work areas are: introduction of EGPRS tests, inclusion of PCS 1900, GSM 700 and 850 in the test, correction to GPRS, SS and Autocalling restriction tests and creation of PICS document from Phase2 to Rel-4.

The document was noted.

T1-010010: LS from GERAN on cell selection timing
GERAN gives some guidance on the timer values that shall be revised in the idle mode test cases, and identified G1 and R4 as the groups responsible for idle mode procedures.
T1/Sig discussed this document. They do not know any alternative specification to 23.122, and still believe that this is the right specification since GSM test refers to 03.22 (stage 2 spec). The group think that this answer in the LS is wrong. No answer LS was felt necessary.

The LS was noted.

T1-010012: LS from G4 on Handling of responsibility for Test Cases for Inter System Handover / Cell Selection / Cell Re-selection between GSM and UTRAN

In Redondo Beach, T1 agreed to keep all the intersystem handover in our specs until a clear position from G4. According to guidance from GERAN and T, the GERAN to UTRAN scenarios shall be included in G4 specs and not in T1 specs. G4 agrees with this scheme for the handover test cases, but this is not easily applicable to idle mode test cases since they are not easy to split. Therefore G4 proposes that the idle mode test cases stay in T1 specs and CRs are circulated on G4 reflector before approval.

It was noted that this LS has not been endorsed by GERAN, which thinks that a split of the test cases is needed. Some further conversation is needed between G4 and GERAN.

AP10.11: Mr Schulze will provide further input to the meeting on the issue of intersystem handover tests.

T1-010013: LS from G4 on Handling of common Non-Access Stratum Tests for GERAN and UTRAN
GERAN4 is concerned about requirements that are applicable to both GSM and UTRAN, due to the level of duplication existing between T1 and G4 specs. GERAN4 proposes to identify in the cover sheet of the CR if a proposed CR to any of this "duplicated" sections affects other test case in other specs. This process will be facilitated by a cross-reference document that G4 plans to create.

The conclusion at T1/Sig was that T1 shall forward all the test cases to the relevant sections to G4, since some of the authors may not have knowledge of GSM tests.

AP10.12: Mr Schulze to report back to G4 on the NAS issue.

9.2 TSG-T1/EMC status report

This group has been closed and documents transferred to RAN4. The e-mail list have been also closed.

8.3 TSG-T1/Sig status report

T1-010093 contains the report of the signalling subgroup and it was presented by Dan Fox.

The main issues discussed:

- *Ownership of 2G/3G handover and idle mode test cases:* needs conclusion from GERAN. For the moment the tests will stay in T1.

- *Verification of TTCN (how do we consider that a test case is ready for approval):* No consensus yet. To be solved in T1. Mr Fox explained that the approval of the test cases shall be taken more carefully than the normal prose CRs since it is more difficult to read and not everyone have the expertise or resources to do this. A long discussion took place on whether we should perform some 'verification' before

approving the TTCN test cases or not. It was agreed to approve the test cases following the normal process (no approval if objection) and to fix problems by CRs.

- *Tracking TTCN with CRS to core specifications and approval of complex CRs:* T1/sig decided to update the specs as quickly as possible, accepting the risk of lower quality of test cases and more resource in maintenance of TTCN.

- *Verification of test cases once they are approved:* No consensus was reached. T1/Sig decided that we will not do anything until we get a proposal that can reach a consensus. T1 concluded that interested companies shall work in a proposal for presentation to T1.

AP10.13: Nokia, Ericsson, Rohde & Schwarz and other interested companies to make proposal on verification of test cases.

- *RF environment for signalling test:* T1/Sig would like to have guidance from T1/RF on whether OCNS and AWGN are needed in all signalling tests. Mr Yonekura did not see any special need for OCNS and AWGN but further review is necessary. It is clear that this is needed for multicell tests, but do we need this for single cell test? Is there a need to make the radio environment (and the TTCN consequently) more complicated?

AP10.14: Mr Fox (Anritsu) will prepare a contribution describing the radio environment actually used by the signalling test and will submitted to the RF subgroup for guidance. If a change is needed, it will be done at T1/Sig #16.

- *Inclusion of other RB (different to those defined by GSMA ISG) and TDD mode in reference set in 34.108:* T1/Sig has an action to consider guidelines for deciding how to check across RF parameter ranges, for discussion in T1/Sig #16. Mr Nakagomi will check with ISG and give feed back by next week.

AP10.15: T1/Sig to present to T1 the proposal on how to handle the future inclusion of radio bearers.

Mr Nielsen noted that we should not have any restriction to consider new radio bearers that may be needed for testing. Mr Nakagomi (NTT DoCoMo) was concern of getting too many radio bearer for testing.

The TDD mode CR will be discussed on the e-mail reflector to try to get it approved. This CR makes a TDD version of the original set of radio bearers.

The CRs presented for approval are listed below in the points corresponding to the relevant specification. All the CRs were briefly introduced excepting **T1-010082** that was presented in detail.

The report was revised into **T1-010107** to fix some wording problems.

- **34.108**

Eight CRs were presented for approval. All the CRs were approved and were assigned the CR number indicated in the tables below.

CRs with routine updates:

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
34.108	032		R99	Default radio conditions for multi-cell environment	F	3.2.0	3.3.0	T1-010078
34.108	033		R99	Correction for Generic Setup Procedures (34.108 clause 7.2)	F	3.2.0	3.3.0	T1-010079
34.108	034		R99	Corrections for Test USIM Parameters(34.108 clause 8)	F	3.2.0	3.3.0	T1-010080
34.108	035		R99	Correction of clause number in TS 34.108.	D	3.2.0	3.3.0	T1-010081
34.108	036		R99	Update of authentication test algorithm	C	3.2.0	3.3.0	T1-010082
34.108	037		R99	Updates to clause 9 of TS 34.108 v3.2.0	F	3.2.0	3.3.0	T1-010084
34.108	038		R99	Updating to TDD single mode	F	3.2.0	3.3.0	T1-010088
34.108	039		R99	Simulated network environments for TDD mode (SIB)	F	3.2.0	3.3.0	T1-010089

T1-010082: CR to 34.108: Update of authentication test algorithm
Mr Mattisson explained that this CR includes some notes explaining how the USIM shall calculate the SQN, following comments received during T1/Sig presentation. The CR was approved
An LS was prepared to T3 in **T1-010101**.

- **34.123-1**

Five CRs were presented for approval. All the CRs were approved (see Note 1 under table) and were assigned the CR number indicated in the tables below.

CRs with routine updates:

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
34.123-1	048		R99	Idle mode test cases	F	3.2.0	3.3.0	T1-010076
34.123-1	049		R99	Updates to clause 8 of TS 34.123-1 version 3.2.0	F	3.2.0	3.3.0	T1-010106
34.123-1	050		R99	Update to GMM test case.	F	3.2.0	3.3.0	T1-010086
34.123-1	051		R99	Update to 16. SMS test specification	D	3.2.0	3.3.0	T1-010090
34.123-1	052		R99	Annex B: Update of versions of core specifications	F	3.2.0	3.3.0	T1-010091

Note 1: T1-010083 was presented for approval but Nokia noted that the CR did not contain the comments made by them at the T1/Sig meeting. The document was revised in T1-010106 and approved.

Note 2: T1-010091 was not included in the T1/Sig report. This CR was approved under section "Postponed issues".

- **34.123-2**

Three CRs were presented for approval. All the CRs were approved and were assigned the CR number indicated in the tables below.

CRs with routine updates:

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
34.123-2	007		R99	Update of Applicability statements for "Idle mode test	F	3.2.0	3.3.0	T1-010077
34.123-2	008		R99	Updates to clause 4 of TS 34.123-2 version 3.2.0	F	3.2.0	3.3.0	T1-010085
34.123-2	009		R99	Update of Applicability statements for GMM	F	3.2.0	3.3.0	T1-010087

- **34.123-3**

Mr Hu presented **T1-010095**, which contains an update in the TTCN status.

- 26 mm funding received for 2001. New reallocation of the rest of the funding (26 mm) will be needed by mid 2001.
- Voluntary contribution from Sasken (India) for SM test cases
- Good progress: 230 test cases, most of NAS CS, start of PS tests. 100 additional test cases will be drafted by TSG #11
- Slow down in generation of tests due to new team of experts and big maintenance.
- TSG #11 (v1.0.0): Most FDD CS tests, some PS tests
- TSG #12: Most FDD CS & PS test
- When to move to v2.0.0/3.0.0? The meeting agreed that we should approve as v2.0.0 when we have at least one test case running, to have some confidence that we have a good framework. T1 think that this will be possible by TSG #13 (September)

  Decision: To have 34.123-3 v2.0.0 by TSG #13 (September 2001)
- Future new funding estimation:

mm	Release	Comments
44	R99	Maintenance, inclusion of TDD mode
26	Rel 4	Voice over IP (reusing ETSI work in TIPHON), High Speed PS (*), enhancement of radio bearers, TDD & intersystem HO
40	Rel 5	Low chip rate TDD, L2 ARG II/III, UMTS 1800

(*): A typo was identified in the resource allocated to High Speed PS. This shall be 5 mm instead of 3 mm.

Mr Fox noted that there is not enough information in the work packages to make a better estimation on the funding needed. It was clarified that these figures does not include any margin.

T1-010094: TS 34.123-3 v1.0.0 for approval

Mr Fox presented the document. He noted that even if the number of test cases is not 50% of the expected amount of tests to be included in v2.0.0, this document includes the design information needed for test cases, therefore the specification is considered 50% stable. The ATS are included as attached files to this specification.

The document was approved as version 1.0.0 and it will be presented to T for information.

- **CRs deferred for e-mail approval**

Mr Nielsen noted that there is a big amount of CRs deferred for e-mail approval. Mr Sood (Sharp) had some concern on the use of the e-mail reflector for approval of CRs.
Mr Fox opinion is that we should have a consistence approach; we have earlier decided to progress as fast as we can, so we cannot treat some specification with more speed than others. Mr Hu said that the approval of the CRs is needed for the implementation of the TTCN.

The conclusion was that the chairman shall decide on what can be discussed and approved in the e-mail reflector. If no outstanding objections are left after a period of two weeks, the CR will be considered approved.

This process will be used for the following CRs that were already discussed at T1/Sig and some checking was needed by the companies:

- T1S-010029: CR to TS34.108 clause 6.10.2.4 Typical radio parameter sets (TDD mode)
- T1S-010032: CR for 34.123-1: Modifications to the functional testing of CPCH related UE test cases

It was agreed that in principle, CRs that have not been seen in the meeting can be taken on the e-mail reflector. The CRs presented at the meeting shall be organised by priorities so that the most critical ones are treated during the meeting.

Mr Fox will prepare a schedule for the e-mail review of the not handled CRs.

- **LSs**

T1-010101: LS to T3 on authentication test algorithm to be implemented in test USIM
T1 informs T3 of this CR that they plan to present for approval at the next T meeting. When drafting the authentication test cases it was found that the current definition of the test algorithm did not include the necessary details to be able specify the authentication test cases.
The LS was revised in **T1-010105** to explicitly ask T3 for the approval of this CR (that shall be recorded in T3 minutes). The LS was approved.

T1-010096: Draft LS to RAN2 regarding corrections for EMMI (34.109)
This LS contains a CR for RAN2 reflecting the conclusions reached by T1:

- SS and EMMI are not essential in 3GPP. 3GPP shall not specify the UE/SS interface. EMMI shall be described as reference information to automate conformance testing.
- Only AT commands specified in TS 27.005, TS 27.007 and TS 27.060 shall be supported for EMMI.

Comments: Contact for the LS is needed, T1 shall be added as source. With these changes the LS was agreed as **T1-010109**.

T1-010099: LS on request to consider adding a requirement that the UE shall not generate any RF output if no base-station signal is received.
Discussed in T1/Sig and agreed to change some terminology in the LS. The LS was noted by T1 and will be sent out.

- **Verification of TTCN**

Following an action from the last meeting Mr Fox presented an invitation asking interested parties to participate in the verification of signalling test cases. This is included in **T1-010018**. The meeting concluded that maybe it is too early to send this to the e-mail reflector, taking into account that for the moment the test case cannot be run. The issue was deferred. The text of the e-mail will be agreed at T1/Sig #16 and it will be send to the T1 e-mail reflector. At T1 #11 we will consider to send a LS to RAN, CN and SA.

It was agreed that Mr Hu will coordinate the verification teams, on the basis that he has no commercial interest on the issue.

It was clarified that this verification is not related to the approval of the TTCN specification.

The LS in **T1-010019** was also deferred.

9.4 TSG-T1/RF status report

Mr Yonekura presented the report from the T1/RF subgroup included in document **T1-010069r1**.

The main issues discussed:

- *Handling of test tolerances*: This issue is considered urgent. At this meeting, it has been solved for all the European and Japanese regulatory items. CRs were prepared by T1/RF and were submitted to RAN4 for endorsement. The 38 CRs presented at this meeting regarding this issue got the RAN4 endorsement. This issue is believed to be solved with this CRs.

- *Review of Rel 4 work items*: PRD T1-06 was revised. Two work items have the four supporting companies and are ready for submission: "Testing transmission and reception Low Chip Rate TDD option" and "Optimisation of Total Test Time RF aspects (FDD and TDD). They will be approved at the next T1 meeting.

- *Maintenance of R99 specifications*: 12 maintenance CRs related to changes in the core specification, but no CRs to RRM section due to instability of the core specifications.

At this point, Mr Nielsen asked the meeting is a new specification is needed for Rel4. Mr George said that for the moment we have no identified any new document. The expected date for creating Rel4 specifications was also briefly discussed.

AP10.16: T1/RF and T1/Sig to agree at the next T1 meeting when do we expect to release Rel 4 expects this also applies to T1/Sig.

- **34.121**

26 CRs were presented for approval. All the CRs excepting T1-010102 were approved and were assigned the CR number indicated in the tables below.

CRs due to test tolerance issue:

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
34.121	056		R99	CR on Test tolerance for 6.5 Blocking Characteristics	F	3.3.0	3.4.0	T1-010020
34.121	057		R99	CR on Test tolerance for 6.7 Intermodulation Characteristics	F	3.3.0	3.4.0	T1-010025
34.121	058		R99	CR on Test tolerance for 5.5.1 Test Tolerance for Transmit OFF power	F	3.3.0	3.4.0	T1-010027
34.121	059		R99	CR on Test tolerance for 6.6 Spurious Response	F	3.3.0	3.4.0	T1-010028
34.121	060		R99	CR on Test tolerance for 5.11 Test Tolerance for Transmit Spurious emissions	F	3.3.0	3.4.0	T1-010029
34.121	061		R99	CR on Test tolerance for Annex.F TS34.121	F	3.3.0	3.4.0	T1-010030
34.121	062		R99	CR on Test tolerance for 5.2 Maximum output power	F	3.3.0	3.4.0	T1-010031
34.121	063		R99	CR on Test tolerance for 5.4.3 Minimum Output Power	F	3.3.0	3.4.0	T1-010032
34.121	064		R99	CR on Test tolerance for 5.9 Spectrum Emission Mask	F	3.3.0	3.4.0	T1-010033
34.121	064		R99	CR on Test tolerance for 5.10 ACLR	F	3.3.0	3.4.0	T1-010034
34.121	066		R99	CR on Test tolerance for 5.12 Transmit Intermodulation	F	3.3.0	3.4.0	T1-010035
34.121	067		R99	CR on Test tolerance for 6.2 Reference Sensitivity Level	F	3.3.0	3.4.0	T1-010036
34.121	068		R99	CR on Test tolerance for 5.3 Frequency Error	F	3.3.0	3.4.0	T1-010037
34.121	069		R99	CR on Test tolerance for 5.8 Occupied Bandwidth	F	3.3.0	3.4.0	T1-010038
34.121	070		R99	CR on Test tolerance for 5.13.1 EVM	F	3.3.0	3.4.0	T1-010039
34.121	071		R99	CR on Test tolerance for 5.13.2 PCDE	F	3.3.0	3.4.0	T1-010040
34.121	072		R99	CR on Test tolerance for 5.4.4 Out of Synchronisation transmit power	F	3.3.0	3.4.0	T1-010041
34.121	073		R99	CR on Test tolerance for 6.4 ACS	F	3.3.0	3.4.0	T1-010042
34.121	074		R99	CR on Test tolerance for 6.8 RX Spurious Emissions	F	3.3.0	3.4.0	T1-010108

Note: **T1-010102** was presented for approval but Nokia requested to revised the document because some editorial errors were discovered. The document was revised in **T1-010108** and approved.

CRs for maintenance:

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
34.121	075		R99	CR on corrections to DL compressed mode	F	3.3.0	3.4.0	T1-010021
34.121	076		R99	CR on Corrections to DL 384kbps and BTFD measurement channels	F	3.3.0	3.4.0	T1-010022
34.121	077		R99	CR on Corrections to Maximum output power	F	3.3.0	3.4.0	T1-010023
34.121	078		R99	CR on RX spurious emissions	F	3.3.0	3.4.0	T1-010024
34.121	079		R99	CR on Editorial correction to channel number	D	3.3.0	3.4.0	T1-010026
34.121	080		R99	CR Correction of Annex-E and reference information to Annex E	F	3.3.0	3.4.0	T1-010043
34.121	081		R99	Editorial corrections	D	3.3.0	3.4.0	T1-010044

Status of completeness:

Transmitter	95%
Receiver	95%
Performance	90%
Support of RRM	15%
Annex (specially Annex F)	80%

Outstanding issues:

- Test tolerances of non regulatory items are not fixed. T1/RF waits for input from RAN4.
- The total test time issue is left for Rel 4
- RRM core specs are not stable, few contributions and collaboration with T1/Sig needed. It was clarified that the split of the work between RF and Signalling subgroups was done in base to the core specifications: test cases based on TS 25.133 are responsibility of T1/RF, and test cases based on TS 25.304 (idle mode behaviour) are responsibility of T1/Sig. The recommendation was that T1/RF shall look at clause 6 of 34.123-1 and T1/Sig shall look at clause 8 of 34.121. It was clarified that RRM test cases will be implemented in RF system simulator.
- Identification of Rel 4 work items: Some new inputs will be presented at the next meeting

- **34.122**

24 CRs were presented for approval. All the CRs were approved and allocated the indicated CR number.

CRs due to test tolerance issue:

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
34.122	009		R99	Test tolerance for 5.7.1 TDD EVM	F	3.2.0	3.3.0	T1-010048
34.122	010		R99	Test tolerance for 5.7.2 TDD PCDE	F	3.2.0	3.3.0	T1-010049
34.122	011		R99	Test tolerance for 5.2 Maximum Output Power test case	F	3.2.0	3.3.0	T1-010050
34.122	012		R99	Test tolerance for 5.3 Frequency Stability	F	3.2.0	3.3.0	T1-010051
34.122	013		R99	Test tolerance for 5.4.2 Minimum Transmit Output Power	F	3.2.0	3.3.0	T1-010052
34.122	014		R99	Test Tolerance for 5.4.3 Transmit OFF power	F	3.2.0	3.3.0	T1-010053
34.122	015		R99	Test tolerance for 5.4.5 Out-of-synchronisation handling of output power	F	3.2.0	3.3.0	T1-010054
34.122	016		R99	Test tolerance for 5.5.1 Occupied Bandwidth	F	3.2.0	3.3.0	T1-010055
34.122	017		R99	Test tolerance for 5.5.2.1 Spectrum Emission Mask	F	3.2.0	3.3.0	T1-010056
34.122	018		R99	Test tolerance for 5.5.2.2 ACLR test case	F	3.2.0	3.3.0	T1-010057
34.122	019		R99	Test Tolerance for 5.5.3 Spurious emissions	F	3.2.0	3.3.0	T1-010058
34.122	020		R99	Test Tolerance for 5.6 Transmit Intermodulation	F	3.2.0	3.3.0	T1-010059
34.122	021		R99	Test Tolerance for 6.2 Reference Sensitivity Level	F	3.2.0	3.3.0	T1-010060
34.122	022		R99	Test Tolerance for 6.4 Adjacent Channel Selectivity	F	3.2.0	3.3.0	T1-010061
34.122	023		R99	Test tolerances to 6.5 Blocking Characteristics	F	3.2.0	3.3.0	T1-010062
34.122	024		R99	Test tolerances to 6.6 Spurious Response	F	3.2.0	3.3.0	T1-010063
34.122	025		R99	Test tolerances to 6.7 Intermodulation Characteristics	F	3.2.0	3.3.0	T1-010064
34.122	026		R99	Test Tolerance for 6.5 RX Spurious Emissions	F	3.2.0	3.3.0	T1-010065
34.122	027		R99	Test tolerance for Annex F in TS34.122	F	3.2.0	3.3.0	T1-010068

CRs for maintenance:

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
34.122	028		R99	Correction concerning the coexistence of TDD and FDD in the same band	F	3.2.0	3.3.0	T1-010045
34.122	029		R99	Clarification of the mentioned parameter alpha	F	3.2.0	3.3.0	T1-010046
34.122	030		R99	Correction concerning the channel number calculation	F	3.2.0	3.3.0	T1-010047
34.122	031		R99	Correction concerning UE maximum output power classes	F	3.2.0	3.3.0	T1-010066
34.122	032		R99	Correction of Out-of-Sync criteria	F	3.2.0	3.3.0	T1-010067

Status of completeness:

The main progress in TDD was in Test Tolerance area.

Transmitter	90%
Receiver	90%
Performance	70%
Support of RRM	0%
Annex	80%

Outstanding issues:

- Limited number of contributions. Companies are encouraged to send more contributions.
- No progress in BCH test implementation
- The same issues as for FDD

- **Future meetings**

T1/RF #18: 14-16 May 2001 (Australia)
T1/RF #19: 9-11 July 2001 (Germany)

- **Vice-chairman**

T1 endorsed the appointment of Mr Edgar Guillot as vice-chairman of T1/RF.

10 Status of the List of priorities for SDO distribution - 34.910

Mr Nielsen pointed out that only a document related to the regulatory situation in Japan has been received (**T1-010071**) and it will be included in 34.910. There is a delay in the document due to lack of input.

T1-010071: Japanese regulatory items in TS 25.141 and TS 34.121
Mr Yokoyama explained that this document was already discussed in Bangkok. This document summarises items needed for conformance test for both BS and UE according to the regulation of Japan. It is only related to RF aspects. The document points out that in some region the legislation procedure take from seven to eight months. The document was noted.

11 Postponed issues

T1-010103: Response on LS regarding security aspects of UE conformance testing
Mr Fox presented the proposed LS. Mr Sood noted that the comments related to visibility have not been included in the LS. Some editorial modifications were also made. The document was revised in **T1-010110** and approved.

T1-010091: CR to 34.123-1 Annex B: Update of versions of core specifications
This CR was forgotten during the T1/Sig presentation. The CR was agreed.

T1-010100: LS from RAN2 on default configurations
Ericsson's opinion is that we need to reflect in 34.108 this configuration to be used for intersystem HO test cases but we have to wait for decision in RAN1, and RAN2. This default configurations are used to reduce the signaling to have a good performance with the HO. T1/Sig must define some test cases to test any differences with default signaling.

T1 see a need for this additional testing and inclusion of additional configuration in 34.108 if this default configuration are included in the core specification.

AP10.17 Mr Mattisson (Ericsson) to inform T1 about any progress in the issue of default configuration.

12 Review of TSG-T1 status report to TSG-T

Due to some issues to be resolved in the e-mail reflector, Mr Nielsen did not present the report at the meeting. This will be sent on the e-mail reflector.

14 Any other business

Regarding the discussion about changing schedule of plenary session, the meeting decided to have an officials meeting on Monday evening in order to organise the plenary session.

It was also suggested that the social event should take place on Tuesday evening in order to allow time on Wednesday evening for preparation for the plenary. This suggestion was supported by Mr Fox.

15 Closing of the meeting

Mr Nielsen closed the meeting at 13.50 on Friday.

Annex A. List of participants.

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Number of participants: 35

Annex B. List of documents

Tdoc	Title	Source	Agenda item	Revised	Status
T1-010001	Proposed agenda for T1#10 in Copenhagen	Chairman	2		agreed
T1-010002	Report from T1#9	ETSI MCC	4		agreed
T1-010003	LS from N1 on Response to LS on request to review timing requirements in Idle mode test cases	N1	6		noted
T1-010004	LS from T2 on Future Plan for TR 21.904	T2	6		noted
T1-010005	LS from T2 on Reply to conformance test requirements for application layer test	T2	8.3		noted
T1-010006	LS from N1 on Response to LS on CC timer accuracy	N1	6		noted
T1-010007	LS from S3 on Security aspects of UE conformance testing	S3	6		noted
T1-010008	LS from T1/RF on Handling of Test Tolerance in TS34.121	T1/RF			not treated
T1-010009	LS from T1/RF on Handling of Test Tolerance in TS34.122	T1/RF			not treated
T1-010010	LS from GERAN on cell selection timing	GERAN	9.1		noted
T1-010011	Proposal for merging different releases of the test specifications	ETSI MCC			withdrawn
T1-010012	LS from G4 on Handling of responsibility for Test Cases for Inter System Handover / Cell Selection / Cell Re-selection between GSM and UTRAN	G4	9.1		noted
T1-010013	LS from G4 on Handling of common Non-Access Stratum Tests for GERAN and UTRAN	G4	9.1		noted
T1-010014	Work plan for Rel4 and Rel5	ETSI MCC	8.2		noted
T1-010015	LS from S2 on answer to LS to TSGs T2, SA1, SA2 and SA4 regarding conformance test requirements for application layer test	S2	8.3		noted
T1-010016	LS from S2 on Definition of bearer service end-point to budget transfer delay within UE	S2	6		noted
T1-010017	Report from GERAN4 #2 + slides for presentation	ETSI MCC	9.1		noted
T1-010018	E-mail invitation to participate in the verification of signalling test cases	T1/Sig chairman	9.3		deferred
T1-010019	Draft LS to RAN, CN and SA regarding an e-mail inviting interested parties to participate in the verfication of signalling test cases	T1/Sig chairman	9.3		deferred
T1-010020	CR to 34.121 on 6.5 Blocking Characteristics in TS34.121	T1/RF subgroup	9.4		agreed
T1-010021	CR to 34.121 on Maintenance CR on DL compressed mode	T1/RF subgroup	9.4		agreed
T1-010022	CR to 34.121 on Maintenance CR on 384kbps and BTFD	T1/RF subgroup	9.4		agreed
T1-010023	CR to 34.121 on Maintenance CR on Maximum output power	T1/RF subgroup	9.4		agreed
T1-010024	CR to 34.121 on Maintenance CR on RX spurious emissions	T1/RF subgroup	9.4		agreed
T1-010025	CR to 34.121 on Maintenance CR on Intermodulation Characteristics in TS34.121	T1/RF subgroup	9.4		agreed
T1-010026	CR to 34.121 on Maintenance CR on channel number	T1/RF subgroup	9.4		agreed
T1-010027	CR to 34.121 on 5.5.1 Test Tolerance for Transmit OFF power TS34.121	T1/RF subgroup	9.4		agreed
T1-010028	CR to 34.121 on 6.6 Spurious Response in TS34.121	T1/RF subgroup	9.4		agreed
T1-010029	CR to 34.121 on 5.11 Test Tolerance for Transmit Spurious emissions TS34.121	T1/RF subgroup	9.4		agreed
T1-010030	CR to 34.121 on Annex.F for TS34.121	T1/RF subgroup	9.4		agreed
T1-010031	CR to 34.121 on 5.2 Maximum output power TS34.121	T1/RF subgroup	9.4		agreed
T1-010032	CR to 34.121 on 5.4.3 Minimum Output Power TS34.121	T1/RF subgroup	9.4		agreed
T1-010033	CR to 34.121 on 5.9 Spectrum Emission Mask TS34.121	T1/RF subgroup	9.4		agreed
T1-010034	CR to 34.121 on 5.10 ACLR TS34.121	T1/RF subgroup	9.4		agreed
T1-010035	CR to 34.121 on 5.12 Transmit Intermodulation TS34.121	T1/RF subgroup	9.4		agreed
T1-010036	CR to 34.121 on 6.2 Reference Sensitivity Level TS34.121	T1/RF subgroup	9.4		agreed
T1-010037	CR to 34.121on 5.3 Frequency Error TS34.121	T1/RF subgroup	9.4		agreed
T1-010038	CR to 34.121 on 5.8 Occupied Bandwidth TS34.121	T1/RF subgroup	9.4		agreed

Tdoc	Title	Source	Agenda item	Revised	Status
T1-010039	CR to 34.121 on 5.13.1 EVM TS34.121	T1/RF subgroup	9.4		agreed
T1-010040	CR to 34.121 on 5.13.2 PCDE TS34.121	T1/RF subgroup	9.4		agreed
T1-010041	CR to 34.121 on 5.4.4 Out of Sync TS34.121	T1/RF subgroup	9.4		agreed
T1-010042	CR to 34.121 on 6.4 ACS TS34.121 (revision of 15)	T1/RF subgroup	9.4		agreed
T1-010043	CR to 34.121on Maintenance CR Correction of Annex-E and refrence information to Annex-E	T1/RF subgroup	9.4		agreed
T1-010044	CR to 34.121on Editorial correction 34.121	T1/RF subgroup	9.4		agreed
T1-010045	CR to 34.122 on Maintenance CR Correction concerning the coexistence of TDD and FDD in the same band TS34.122	T1/RF subgroup	9.4		agreed
T1-010046	CR to 34.122 on Maintenance CR Clarification of the mentioned parameter TS34.122	T1/RF subgroup	9.4		agreed
T1-010047	CR to 34.122 on Maintenance CR Correction concerning the channel number calculation TS34.122	T1/RF subgroup	9.4		agreed
T1-010048	CR to 34.122 on 5.7.1 TDD EVM TS34.122	T1/RF subgroup	9.4		agreed
T1-010049	CR to 34.122 on 5.7.2 TDD PCDE TS34.122	T1/RF subgroup	9.4		agreed
T1-010050	CR to 34.122 on 5.2 Maximum output power TS34.122	T1/RF subgroup	9.4		agreed
T1-010051	CR to 34.122 on 5.3 Frequency stability TS34.122	T1/RF subgroup	9.4		agreed
T1-010052	CR to 34.122 on 5.4.2 Minimum output power TS34.122	T1/RF subgroup	9.4		agreed
T1-010053	CR to 34.122 on 5.4.3 Transmit off power TS34.122	T1/RF subgroup	9.4		agreed
T1-010054	CR to 34.122 on 5.4.5 Out of sync TS34.122	T1/RF subgroup	9.4		agreed
T1-010055	CR to 34.122 on 5.5.1 Occupied band width TS34.122	T1/RF subgroup	9.4		agreed
T1-010056	CR to 34.122 on 5.5.2.1 Spectrum emission mask TS34.122	T1/RF subgroup	9.4		agreed
T1-010057	CR to 34.122 on 5.5.2.2 ACLR TS34.122	T1/RF subgroup	9.4		agreed
T1-010058	CR to 34.122 on 5.5.3 Spurious emissions TS34.122	T1/RF subgroup	9.4		agreed
T1-010059	CR to 34.122 on 5.6 Transmit intermodulation TS34.122	T1/RF subgroup	9.4		agreed
T1-010060	CR to 34.122 on 6.2 Reference sensitivity level TS34.122	T1/RF subgroup	9.4		agreed
T1-010061	CR to 34.122 on 6.4 ACS TS34.122	T1/RF subgroup	9.4		agreed
T1-010062	CR to 34.122 on 6.5 Blocking TS34.122	T1/RF subgroup	9.4		agreed
T1-010063	CR to 34.122 on 6.6 Spurious response TS34.122	T1/RF subgroup	9.4		agreed
T1-010064	CR to 34.122 on 6.7 Intermodulation characteristics TS34.122	T1/RF subgroup	9.4		agreed
T1-010065	CR to 34.122 on 6.8 Spurious emission TS34.122	T1/RF subgroup	9.4		agreed
T1-010066	CR to 34.122 on Maintenance CR Correction concerning UE maximum output power classes TS34.122	T1/RF subgroup	9.4		agreed
T1-010067	CR to 34.122 on Maintenance CR on Correction of Out-of-Sync criteria TS34.122	T1/RF subgroup	9.4		agreed
T1-010068	CR to 34.122 on CR on Annex.F for TS34.122	T1/RF subgroup	9.4		agreed
T1-010069	Status report T1/RF	T1/RF chairman	9.4	r1	noted
T1-010070	Report from T#10 in Bangkok	chairman	4		noted
T1-010071	Japanese regulatory items in TS 25.141 and TS 34.121	ARIB	10		noted
T1-010072	Letter of Commitment for the Qualcomm candidate for Chairman of 3GPP TSG-T1	chairman	5		noted
T1-010073	Nomination for 3GPP TSG-T1 Vice Chairman	NTT DoCoMo	5		noted
T1-010074	T1 meeting schedule	chairman	8.1		noted
T1-010075	Support letter for Peter George	Anritsu	5		noted
T1-010076	CR to 34.123-1on Update to clause 6, (Idle mode tests)	T1/Sig subgroup	9.3		agreed
T1-010077	CR to 34.123-2 on Update of Applicatbility statements for Idle mode tests	T1/Sig subgroup	9.3		agreed
T1-010078	CR to 34.108 on Update to clause 6.1 (Default radio conditions for multi-cell environment)	T1/Sig subgroup	9.3		agreed
T1-010079	Corrections for Generic Setup Procedures (34.108 clause 7.2)	T1/Sig subgroup	9.3		agreed
T1-010080	Corrections for Test USIM Parameters(34.108 clause 8)	T1/Sig subgroup	9.3		agreed
T1-010081	CR: Correction of clause number in TS 34.108.	T1/Sig subgroup	9.3		agreed

Tdoc	Title	Source	Agenda item	Revised	Status
T1-010082	CR to 34.108: Update of authentication test algorithm	T1/Sig subgroup	9.3		agreed
T1-010083	Update to clause 8 and Annex A of TS34.123-1 V3.2.0	T1/Sig subgroup	9.3	106	revised
T1-010084	Update to clause 9 of TS34.108 V3.2.0	T1/Sig subgroup	9.3		agreed
T1-010085	Update to TS34.123-2 V3.2.0 for RRC tests	T1/Sig subgroup	9.3		agreed
T1-010086	CR on 34.123-1 clause 12 "Elementary procedure for Packet Switched Mobility Management"(GMM)	T1/Sig subgroup	9.3		agreed
T1-010087	CR on TS34.123-2 V3.2.0 clause 4, Applicability of GMM test cases	T1/Sig subgroup	9.3		agreed
T1-010088	CR to 34.108 v3.2.0 to update TDD single mode	T1/Sig subgroup	9.3		agreed
T1-010089	CR to 34.108 v3.2.0 clause 6.1: System Information Blocks for TDD mode	T1/Sig subgroup	9.3		agreed
T1-010090	CR to 34.123-1 on SMS	T1/Sig subgroup	9.3		agreed
T1-010091	CR to 34.123-1 Annex B: Update of versions of core specifications	T1/Sig subgroup	9.3		agreed
T1-010092	LS to TSG-T on minimising delays in tracking core specification changes	T1/Sig subgroup	9.3		withdrawn
T1-010093	Report from T1/Sig	T1/Sig chairman	9.3	107	revised
T1-010094	34.123-3 for approval as v1.0.0	T1/Sig subgroup	9.3		agreed
T1-010095	Status report from TF160	ETSI MCC	9.3		noted
T1-010096	Draft LS to RAN2 regarding corrections for EMMI (34.109)	T1/Sig subgroup	9.3	109	revised
T1-010097	Update to T1-06 "T1 Work Item description"	Vice-chairman	8.2	104	revised
T1-010098	Presentation on GCF	GCF chairman	7		noted
T1-010099	LS on request to consider adding a requirement that the UE shall not generate any RF output if no base-station signal is received	Ericsson	9.3		noted
T1-010100	LS from RAN2 on default configurations	RAN2	11		noted
T1-010101	LS to T3 on authentication test algorithm to be implemented in test USIM	Ericsson	9.3	105	revised
T1-010102	CR to 34.121 on section 6.8 Rx spurious emission	T1/RF		108	revised
T1-010103	LS to S3 on response on LS regarding security aspects fo UE conformance testing	T1		110	revised
T1-010104	Revision of 97		8.2		noted
T1-010105	Revision of 101		9.3		agreed
T1-010106	Revision of 83				agreed
T1-010107	Revision of 93		9.3		noted
T1-010108	Revision of 102				agreed
T1-010109	Revision of 96		9.3		agreed
T1-010110	Revision of 103				agreed

Annex C. List of LSs out

T1 number	TO	CC	Title
T1-010099	R4	T1	LS on request to consider adding a requirement that the UE shall not generate any RF output if no base-station signal is received
T1-010105	T3	T, S3	LS on authentication test algorithm to be implemented in test USIM
T1-010109	R2		LS to RAN2 regarding corrections for EMMI (34.109)
T1-010110	S3		Response on LS regarding security aspects of UE conformance testing

Annex D. Proposed Meeting Schedule for TSG-T1

2001

3GPPT1-/RF/SIG	*5 – 7 February*	Copenhagen, Denmark,	Qualcomm
3GPPT1-#10	*8 - 9 February*	Copenhagen, Denmark,	Qualcomm
3GPPT-#11	14 - 16 March	Palm Springs, USA	
3GPPSA-#11	19 - 21 March	Palm Springs, USA	
3GPPT1-SIG	27 – 29 March	Singapore	MCI
3GPPT1-/RF/SIG	14 – 16 May	Australia,	NEC
3GPPT1-#11	17 – 18 May	Australia,	NEC
3GPPT-#12	13 - 15 June	Sweden	
3GPPSA-#12	18 - 21 June	Sweden	
3GPPT1-/RF/SIG	TBD	TBD	TBD
3GPPT1-/RF/SIG	3 – 5 September	Korea,	Samsung
3GPPT1-#12	6 – 7 September	Korea,	Samsung
3GPPT-#13	19 – 21 September	China	
3GPPSA-#13	24 – 26 September	China	
3GPPT1-/RF/SIG	TBD	TBD	TBD
3GPPT1-/RF/SIG	26 - 28 Nov	USA,	T1P1
3GPPT1-#13	29 - 30 Nov	USA,	T1P1
3GPPT-#14	12 - 14 Dec	Japan	
3GPPSA-#14	17 - 20 Dec	Japan	

History

Date	Revision	Comments
13/02/01	0	First draft
08/03/01	1	Contact details of Mr Bernasconi, correction of editorial errors

Comments on this report may be sent by e-mail to Lidia Salmeron

Lidia Salmeron

ETSI Mobile Competence Centre
3GPP TSG T1 & TSG GERAN4 Project Manager

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