Source: **T1 Secretary**

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Agenda item: **5.1.1**

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3GPP TSG T WG1 #11
Melbourne, Australia
17-18 May 2001

DRAFT Report from the 3GPP TSG T WG1 #11 Plenary Meeting

17-18 May 2001

Sheraton Towers, Melbourne, Australia

Revision: 2

Chairman: Bjarke Nielsen

Secretary: Lidia Salmerón

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1 Opening of the meeting

The eleventh TSG T1 Plenary meeting was held on 17th to 18th May 2001 in Melbourne (Australia) and was hosted by NEC Australia.

Mr Nielsen opened the meeting at 9.20 am.

2 Adoption of the agenda

The original agenda in **T1-010114** 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#10 meeting (Copenhagen) can be found in Tdoc **T1-010115** 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
AP8.8: Anritsu will send out an invitation on the T1 reflector	Suspended	
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.
AP9.6: 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.
AP9.15: R&S to write LS to T1/Sig on problematic with demodulation of BCH in Block STTD mode.	Ongoing	R&S will write a CR to the core specs in RAN4, saying that BCH in Block STTD mode does not have to be tested.
AP9.18: Subgroups to check references in TR 34.910 and report to the chairman.	Open	
AP10.1: Mr Mattisson (Ericsson) to start the discussion on the issue of conformance test requirement for application later test and present some input at the next meeting.	Done	To be discussed at this meeting
AP10.2: T1/Sig to elect a vice-chairman at the next meeting.	Open	No applicants yet
AP10.3: Mr Mattisson to handle the discussion on the issue of review timing requirements in idle mode test cases (T1-010003).	Done	
AP10.4: Mr Sood will present some input to T1 on the	Open	

conclusions reached by T2 on the splitting of the protocol.		
AP10.5: Ms Salmeron to contact the host to discuss the collocation with G4.	Open	
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.	Closed	Mr Fenn volunteered to take the lead on the creation of the application group. The issue will be treated during this meeting.
AP10.7: Mr Mattisson (Ericsson) will start the discussion on the creation of a new subgroup on the e-mail reflector.	Closed	
AP10.8: Chairmen and rapporteurs to prepare change request on change of term 'conformance requirement' by 'minimum requirement'.	Ongoing	Only for T1/RF. Already done for 34.121
AP10.9: All to consider if interface T1-IETF is needed.	Ongoing	Related to the creation of the new application group and to the T1/Sig. To be discussed under agenda item 6.c
AP10.10: Mrs Salmeron to find out why pdf versions of specs are not produced anymore	Closed	A pdf version of 34.123-1 will be place on the T1 area of the server after every meeting.
AP10.11: Mr Schulze will provide further input to the meeting on the issue of intersystem handover tests.	Closed	G4 has adopted GERAN to UTRAN handover tests, they can be removed from T1 specs. Input paper on agreed procedures.
AP10.12: Mr Schulze to report back to G4 on the NAS issue.	Done	G4 has prepared a PRD with guideline on how to deal with these test. A table shows the equivalence of tests between T1 and G4. Input in T1-010118.
AP10.13: Nokia, Ericsson, Rohde & Schwarz and other interested companies to make proposal on verification of test cases.	Ongoing	There will be an ad-hoc meeting during this T1
AP10.14: Mr Fox (Anritsu) will prepare a contribution describing the radio environment actually used by the signalling test and will submit to the RF subgroup for guidance. If a change is needed, it will be done at T1/Sig #16.	Ongoing	To be handled during the plenary
AP10.15: T1/Sig to present to T1 the proposal on how to handle the future inclusion of radio bearers.	Done	To be presented during this plenary
AP10.16: T1/RF and T1/Sig to agree at the next T1 meeting when do we expect to release Rel 4 specs.	Ongoing	To be treated during the work plan discussion
AP10.17: Mr Mattisson (Ericsson) to inform T1 about any progress in the issue of default configuration.	Closed	No impact in the current specification (R99). This configurations are covered in 34.108.
AP11.1: Mr George to finish the Work Item on how to test codec functions		
AP11.2: Ericsson will provide information on the issue of ROHC interoperability testing in IETF.		
AP11.3: Mr George to monitor the situation on the GTT to see if a testing work item is needed.		
AP11.4: Mr George will create a separated work item for testing of MExE and we will seek for supporting companies.		
AP11.5: Companies to consider the hosting of future T1 meeting.		
AP11.6: Mrs Salmeron to create PRD with this procedures and to present it to the next meeting.		
AP11.7: T1/Sig to solve the issue of the RF conditions for signalling for the next T1 meeting.		
AP11.8: Mr Fox, Mr Hu and Mr Nielsen to prepare letter for further TTCN funding request.		
AP11.9: Mrs Salmeron will clarify on the reflector if T1 can send LSs directly to GCF.		

T1-010127: Report from T#11 in Palm Springs
Mr Nielsen presented the document. The main issue was the presentation of a CR to 34.121 directly to the T meeting. The CR was approved and it is already included in the latest version of the specification. This CR is presented to this meeting for information in **T1-010136** and it is related to Japanese regional requirements on test tolerance. T1/RF will follow the progress in the issue and will remove the text inserted by the CR when appropriate.

Mr Fenn requested some clarification on the MCC funding for TTCN. Mr Hu said that this information is included in **T1-010134** and it will be presented later on.

The document was noted.

T1-010128: Report from PCG #6
Mrs Salmeron and Mr Nielsen presented the document. The main issue was the request for reallocation of TTCN funding from 2002 to the second half of 2001. PCG agreed with this but they considered that before doing this, T1 should try to promote voluntary contributions within the companies. The reallocation of funding will be done in case no voluntary contributions are available.

Mr Nielsen noted that companies should consider providing voluntary contributions since this will give them the benefit of getting a great experience on the area.

Mr Fox clarified that for voluntary contributions, there is no need for experts to move to ETSI, the work can be done directly from the company.

The document was noted.

5   Incoming LS's

T1-010116: LS to TSG-T1 regarding conformance test requirements for application layer test (Response)
SA4 answers the previous LS sent by T1. They think that TFO (Tandem Free Operation) does not need any conformance testing. Regarding the conformance testing for AMR-WB, T1 should be responsible for them (if needed); SA4 will be happy to help if necessary.

Mr Fox thinks that the situation is very similar to the situation in RRM, where we have two areas:
–   signalling: related to the application; the expertise in this group is in SA4
–   performance

Mr George agreed with this and think that we can provide some expertise in checking that the application works when is integrated in the UE.
The meeting agreed that we should not test the quality of the performance.

The LS was noted.

AP11.1: Mr George to finish the Work Item on how to test codec functions.

T1-010117: LS from T2 on Reply to "Definition of bearer service end-point to budget transfer delay within UE"
T2 informs S2 that they still need some more time to consider the issue. Some feedback will be given after their meeting in May.

The LS was noted.

T1-010119: LS from R2 on ROHC testing (R2-010760)
R2 has agreed to include the ROHC (RObust Header Compression) from IETF into Release 4 of PDPC. As IETF will do some interoperability tests for it, T1 should consider if some more test and/or co-operation with IETF will be needed.

Mr Mattisson thinks we should have a look to this interoperability tests from IETF when they become available. He pointed out the there is a work item in the work plan related to this tests.

T1/Sig noted that in the past we have never done any of this type of testing.

Mr Fenn said that any interested delegate can joint the e-mail reflector of IETF and get involved in their work. He also said that CN and SA groups are working together with IETF.

AP11.2: Ericsson will provide information on the issue of ROHC interoperability testing in IETF.

The LS was noted.

Mr Mattisson prepared an answer LS in **T1-010230.** (See T1/Sig report section.)

T1-010120: LS from R2 on Proposed CRs to 34.108 and 34.123-1 on Clarification on RLC header (R2-010761)
R2 informs that they have clarified the difference between RLD header and AMD/UMD PDU headers in TS 25.322. The corresponding CRs to 34.108 and 34.123-1 are proposed. They also inform that the payload unit concept has been removed from their specifications.

This was treated under T1/Sig, resulting in a response LS (**T1-010165**) and two CRs produced by T1/Sig based on R2 proposals. These will be seen under the T1/Sig report.

The LS was noted.

T1-010121: LS on Response to T1 on authentication test algorithm to be implemented in test USIMs (T3-010246)
T3 agrees with the proposed changes, only with some editorial modifications. Mr Mattisson said that the duplication of the sentence was fixed when implemented the CR. The abbreviation SS will be introduced by a CR from T1/Sig at this meeting.

The LS was noted.

T1-010122: LS on response to T1 on authentication test algorithm to be implemented in test USIM (S3-010137)
S3 is concerned about the use of the functions f1 and f1*, and f5 and f5*.
This tests are testing the UE behaviour, not the USIM behaviour, therefore there will be no benefit in having different functions in f1 and f1*, and f5 and f5*. This is already expressed in an LS from T3 in T1-010135.

The LS was noted.

T1-010135: LS on authentication test algorithm to be implemented in test USIM (T3-010324)
T3 answers to the LS from S3 pointed out that if the test USIM is used to test MEs, it does not matter if f1 is identical to f1*.
The LS was noted.

Mr Mattisson volunteered to write a response LS to T3 and S3 in **T1-010231**. (See T1/Sig report section.)

T1-010123: LS on response to SA2 liaison on regarding conformance test requirements for application layer test (N1-010418)
CN1 clarifies that for the moment they do not have expertise in the Global Text Telephony area. They will not work in this area until they receive requirements from SA2.

Nortel said that this issue is at the moment being discussed in SA2.

Mr Fenn informed that GTT is basically the conversion of speech to text and text to speech in order to allow deaf people to make phone calls.

AP11.3: Mr George to monitor the situation on the GTT to see if a testing work item is needed.

The LS was noted.

T1-010124: LS on Deletion of WIs with impact on other TSGs (NP-010211)
N1 informs about the deletion of the following work items and ask T1 to consider the impact in their work:

- Service modification without pre-notification (WI code 1359);

- Circuit switched multimedia swap and fallback (WI code 1655);

- IWF at the edge (CN border) (WT 2205).

The LS was noted.

T1 will delete any related WI. A response LS will be drafted in **T1-010232**. (See postponed issues section.)

T1-010125: LS on Conformance test requirements for application layer test (T2-MExE-010038)

T2/MExE has identified the minimum set of features for a MExE device. This can be useful for T1 to implement the test cases; additionally, the MExE group can give some assistance if required.

It was clarified that this is part of Rel-4 and that we can create a work item to deal with this.

Mr George noted that there is a placeholder on the work plan for this under Miscellaneous UE Conformace Testing Activities, but his was only related to the testing of signalling aspects.

AP11.4: Mr George will create a separated work item for testing of MExE and we will seek for supporting companies.

The LS was noted.

T1-010126: LS on Conformance testing for UE Positioning

R2 is willing to take the lead in developing a set of conformance test specifications for UE positioning. In parallel, T1 could develop simple extensions to existing testing document to support basic UE Positioning test procedures.

Mr Nielsen noted that this LS is on line with our understanding of the situation.

Mr Mattisson noted that the UE positioning is related to the lower layers so maybe the work should be done by the T1/Sig and T1/RF. Mr Nielsen clarified that the intention of the application subgroup is to coordinate all the testing that is being done by different groups and to identify who should do the job.

The LS was noted.

Mr Fenn will draft a response LS in **T1-010233**. (See postponed issues section.)

6   T1 administrative issues

6.1   Time schedule for next meetings - for review and consensus

The meeting schedule is included in the report from the last meeting **T1-010115**.

Mr Nielsen noted that hosts are needed for next year meetings.

AP11.5: Companies to consider the hosting of future T1 meeting.

Mr Fenn noted that ETSI is always available to host the meeting.

The next T1 meeting will be in Korea (Pussan) hosted by Samsung.

Mr Nielsen will present a proposal for dates at the next meeting.

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

T1-010129: Work plan for Rel4 and Rel5
Mr George presented the document for information. The document was noted.

T1-010226: Work item sheets
This zip file contains several document related to the T1 work items. Mr George presented the documents.

It includes a LS from RAN to SA (SP-010173) defining UMTS 1800 and UMTS 1900 as release independent. This means that they want to decouple the frequency band from the release, what have an implication in the testing. Mr George suggested to create one or several documents release independent related to 1800 and 1900 operation. This idea was supported by Nortel, but Mr Yokoyama pointed out that some of the RF tests depend on the frequency band, what makes difficult to use this approach.

This discussion led to consider the merging of the different future releases of T1 specifications in single documents that will include all the tests related to all the releases. An applicability table will provide information on from which release each test case is applicable. This would reduce the maintenance workload and will allow to easily introduce the release independent frequency band - this will be done by simply including the related information in the merged version of the specification.

At the end of the discussion, the meeting conclude with the support of following the GERAN WG4 approach of merging different releases of the specification, but the final decision was postponed.

T1/RF informed that they plan to present a CR for the creation of our first Rel 4 specification; for the time being, the specification will be created in the normal way and the issue will be reconsidered in future meetings.

After this, the meeting agreed that a single work item will include testing of UMTS 1800 and 1900.

Analysis of Rel4 Work items:

- T1-06_10: UMTS 1800/1900: Two more supporting companies were required. Ericsson, Samsung and Nortel volunteered. This work item was agreed with finalising date at TSG T#15, Mar 02 (for RF and -1) and TSG T#19, Mar 02 (for -3).
- The finalising dates for the work tasks were agreed.
- T1-06_13: Testing later 2 and layer 3 protocol aspects (Sig) was agreed with finalising date at TSG T#15, Mar 02 (for -1) and Sep 03 (for -3)

- T1-06_14: LCR_TDD, Testing RF radio Tx and Rx (RF) was agreed with finalising date at TSG T#14, Dec 01
- T1-06_25: Testing emergency call enhancements for CS based calls (Sig) was agreed with finalising date at TSG T#14, Sept 01 (for -1) and TSG T#15, Mar 02 (for -3)
- T1-06_27: Optimisation of test time, RF aspects (FDD) (RF) was agreed with finalising date at TSG T#15, Mar 02
- T1-06_28: Optimisation of test time, RF aspects (TDD) (RF) was agreed with finalising date at TSG T#15, Mar 02
- T1-06_29: Extension to R99 test cases (sig) covers the completion of FDD prose and TTCN was agreed with finalising date at TSG T#15, Mar 02 (for -1) and T#17 sept 02 (for -3)
- T1-06_33: Creation of R99 TCs for TDD, prose and TTCN (Sig) was agreed with finalising date at TSG T#16, June 02 (for -1) and T#18, Dec 02 (for -3)
- T1-06_32: Maintenance of the R99 test specifications and test cases (Sig) was agreed as an ongoing task.
- T1-06_34: Testing of RAB support for RoHC was agreed as TSG T#16, June 02

Analysis of Rel5 Work items:
- Ericsson supported T1-06_5, T1-06_22 and T1-06_24

The Rel4 work items that have been approved will be presented to T for approval.

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

T1-010229: "Application Enablers" for external application testing
Mr Fenn presented the document. The intention of the document is to start the discussion on the need or not of the creation of a new sub-working group to treat the testing of applications. T1 should initially confine its testing to the "Application Enabler" (AE) functions (such as MExE, OSA, SAT and VHE) specified by 3GPP which will support the end applications generated by the Application Service Providers (such as vending, video, browser, etc).

Companies shall consider this and give any input to Mr Fenn (johnbfenn@aol.com). If sufficient support is available, the application subgroup will be established.

The document was noted.

6.4 Validation of TTCN

An ad-hoc meeting took place on Thursday evening on the verification of test cases. The report of this meeting is included in **T1-010218**.

The meeting agreed that the verification of the TTCN test cases cannot be carried out by the ETSI task 160 team, or by TSG-T1 directly. However, TSG-T1 & SIG must decide to approve test cases. As TTCN test cases are of a different nature to the prose test cases, it was

proposed to use a database with the only purpose of assisting in the assessment of when a test case can be approved.

The structure of the database will be decided at the next T1/Sig meeting. This database will be functional after the next T1 meeting.

This process was agreed by T1.

Mr Fox noted that during the meeting, the issue of version number handling for TTCN was also discussed. The principle is to have in parallel 3 versions of the specification, each one containing test cases in different levels of maturity:
− V3.x.x containing approved test cases
− V1.1.x containing test cases that can be compiled
− V1.0.x containing test cases that have just been drafted

The detailed way to do this will be discussed on the e-mail reflector.

6.5   T2 status (splitting of the protocol)

None.

6.6   Presentation of status from GCF and possibly Mobile IOT forum

T1-010227: Informal report from GCF 3G Workshop
Mr George presented the report. He explained that the official report is not available yet, therefore he presented his own report.

We need to clarify that the core specifications are normative and our specs are based on them. Both 34.123-1 and 34.123-3 shall be 'identical'.

All the tests that we make are conformance tests, some of them will be considered 'type approval' in some regions and some others 'network approval'. We shall give higher priority to those tests that are related to type approval in any region. The issue of if a test case if voluntary or not is beyond the scope of T1. GCF was interested in this because at the moment they only deal with voluntary tests.

T1 does not have an opinion on the priority of test cases or which test cases are regulatory or voluntary. We get this information from regulatory bodies. GCF can also indicate to us what is relevant for network tests.

A LS will be drafted to GCF in **T1-010234** to express our opinion. (See postponed issues section.)

The report was noted.

T1-010240: Presentation on Mobile Vendors IOT forum

Motorola presented the document. The document was noted.

Mr Nielsen noted that at the moment we do not have enough information to know the purpose of the group and the relation to GCF and T1.

Motorola volunteered to present further information at the next meeting.

7 Status reports

7.1 GERAN4 status report

Ms Salmeron presented **T1-010132** and **T1-01033**: GERAN4 status report for information.

The documents were noted.

T1-010118: Handling of common issues between G4 and T1
Mr Schulze (D2 Vodafone) presented the document. He explained that this procedure was agreed by G4 and T1 is kindly asked to agreed this procedure for a better coordination of the common areas. The document contains procedures for:
- Handling of common Non-Access Stratum Tests for GERAN and UTRAN.
- Handling of responsibility for Test Cases for Inter System Handover / Cell Selection / Cell Re-selection between GERAN and UTRAN.

The document also contains a cross reference table between 51.010-1 and 34.123-1 sections. This table can be used to identify if a test case in 51.010-1 could be affected by the changes in 34.123-1.

For the NAS tests, the originator of the CR should indicate in the CR cover page if the CR is to be forwarded to G4.

The meeting agreed with having this document as a PRD.

It was noted that this problem does not exists in the core specifications because they are merged.

AP11.6: Mrs Salmeron to create PRD with this procedures and to present it to the next meeting.

7.2 TSG-T1/Sig status report

T1-010219 contains the report of the signalling subgroup and it was presented by Dan Fox.

The main issues discussed:

- *Selection of Radio Bearers for testing:* In 34.108, the RBs have been organized as RBs used for interoperability tests and RBs used for other functional tests.
- *Pre-configuration of channels in TTCN test cases implementations:* TTCN has been modified to not use pre-configuration of channels.
- *Generation of abnormal conditions for RRC procedures:* LS to RAN2 to clarify the issue, for approval on the reflector.
- *Generation of lower layer failures for CC/MM tests:* New test method agreed to be checked by SS manufacturers.
- *Configuration ASP definitions:* Implementation problems that are causing some delay.

Mr Fox presented the list of all the CRs in **T1-010216**. This document was modified on-line to include the information of which CRs were approved and which of them shall be passed to GERAN WG4.

All the CRs were agreed. Some comments or clarifications:

- **T1-010177** (CR to 34.123-2 Update to MAC test applicability tables) was presented because this is the merge of two CRs that were presented at T1/Sig. The CR was agreed.

- **T1-010191**, and **T1-010192** are marked as category 'A' but this category does not apply since we only have one release of the specification. These shall be marked as category 'F'. Mrs Salmeron will fix the problem when forwarding the CRs to T for approval.

- **T1-010198**, **T1-010199** and **T1-010200** contained the wrong CRs from T1/Sig. These documents were revised in **T1-010235**, **T1-010236** and **T1-010237**.

The following CRs shall be forwarded to GERAN WG4 for consideration: T1-010167, T1-010168, T1-010181, T1-010182, T1-010183, T1-010184, T1-010186, T1-010188, T1-010189, T1-010190, T1-010194, T1-010195, T1-010196, T1-010197, T1-010235, T1-010201, T1-010202, T1-010203, T1-010204.

- **34.108**

  The 8 approved CRs were allocated the following CR number.

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
34.108	040		R99	Corrections to clause 6.10 FDD parameters	F	3.3.0	3.4.0	T1-010205
34.108	041		R99	Corrections to clause 6.10 TDD parameters	F	3.3.0	3.4.0	T1-010206
34.108	042		R99	Adding section for radio bearer configurations intended for functional testing	D	3.3.0	3.4.0	T1-010210
34.108	043		R99	Update of list of abbreviations	D	3.3.0	3.4.0	T1-010211
34.108	044		R99	Updates to clause 6.1 and 9	F	3.3.0	3.4.0	T1-010212
34.108	045		R99	Updates to clause 7.4	F	3.3.0	3.4.0	T1-010213
34.108	046		R99	clause 6.1: System Information Blocks for TDD Mode	F	3.3.0	3.4.0	T1-010214
34.108	047		R99	Editorial corrections and removal of a reference document	F	3.3.0	3.4.0	T1-010215

  Issues:
  - Clarification is needed on which RB shall be used on which situation.

- RF conditions for signalling tests: Mr Fox presented **T1-010239** to start the discussion. The basic requirements are to have a minimum error rate at the UE receiver and to have a minimum complexity at SS receiver. We should target a BER so that the RF is able to determine a suitable power level. This issue will be discussed on the reflector.

AP11.7: T1/Sig to solve the issue of the RF conditions for signalling for the next T1 meeting.

- **34.123-1**

The 26 approved CRs were allocated the following CR number.

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
34.123-1	053		R99	Idle mode tests	F	3.3.0	3.4.0	T1-010167
34.123-1	054		R99	Clause 7.2: Update of RLC tests to 25.322 v3.5.0	F	3.3.0	3.4.0	T1-010170
34.123-1	055		R99	Corrections to Clause 7.2: RLC test case updates	F	3.3.0	3.4.0	T1-010171
34.123-1	056		R99	Corrections to clause 7.3 PDCP	F	3.3.0	3.4.0	T1-010173
34.123-1	057		R99	Corrections to clause 7.4 BMC	F	3.3.0	3.4.0	T1-010174
34.123-1	058		R99	7.1 Update to MAC test cases	F	3.3.0	3.4.0	T1-010175
34.123-1	059		R99	Modifications to the functional testing of CPCH related UE test cases	C	3.3.0	3.4.0	T1-010176
34.123-1	060		R99	Transmission RLC discard	F	3.3.0	3.4.0	T1-010178
34.123-1	061		R99	Updates to RRC test case	F	3.3.0	3.4.0	T1-010179
34.123-1	062		R99	Deletion of intersystem handover tests GERAN to UTRAN	F	3.3.0	3.4.0	T1-010181
34.123-1	063		R99	Corrections to CC test cases	F	3.3.0	3.4.0	T1-010183
34.123-1	064		R99	Corrections to Emergency call test cases	F	3.3.0	3.4.0	T1-010184
34.123-1	065		R99	Corrections to test of autocalling restrictions	F	3.3.0	3.4.0	T1-010185
34.123-1	066		R99	Corrections to call re-establishment tests in CC	F	3.3.0	3.4.0	T1-010187
34.123-1	067		R99	MM test case update	F	3.3.0	3.4.0	T1-010189
34.123-1	068		R99	CR to 34.123-1	F	3.3.0	3.4.0	T1-010193
34.123-1	069		R99	SMS Update	F	3.3.0	3.4.0	T1-010194
34.123-1	070		R99	SMS test specification	C	3.3.0	3.4.0	T1-010196
34.123-1	071		R99	Update to GMM test cases	F	3.3.0	3.4.0	T1-010235
34.123-1	072		R99	GMM service request test cases	F	3.3.0	3.4.0	T1-010236
34.123-1	073		R99	GMM authentication reject test cases	F	3.3.0	3.4.0	T1-010237
34.123-1	074		R99	Modifications to Clause 12 (GMM)	F	3.3.0	3.4.0	T1-010202
34.123-1	075		R99	Correction in test case 11.1, because of problems in core-specs	F	3.3.0	3.4.0	T1-010203
34.123-1	076		R99	Procedure and Expected Sequence Corrections to 11.1.2.	F	3.3.0	3.4.0	T1-010204
34.123-1	077		R99	Adding section for multi-layer functional testing	D	3.3.0	3.4.0	T1-010207
34.123-1	078		R99	Update of interoperability radio bearer test cases	F	3.3.0	3.4.0	T1-010208
34.123-1	079		R99	CR to TS 34.123-1 Update of Table B/1	D	3.3.0	3.4.0	T1-010217

Note: CR in **T1-010217** was presented at the end of the meeting and it is not included in the T1/Sig report.

- **34.123-2**

The 14 approved CRs were allocated the following CR number.

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
34.123-2	010		R99	ICS for Idle mode tests	F	3.3.0	3.4.0	T1-010168
34.123-2	011		R99	Update to applicability tables for RLC tests	F	3.3.0	3.4.0	T1-010172
34.123-2	012		R99	Update to MAC test applicability tables	F	3.3.0	3.4.0	T1-010177
34.123-2	013		R99	Update of applicability table	F	3.3.0	3.4.0	T1-010180
34.123-2	014		R99	Deletion of applicability statement for intersystem handover tests GERAN to UTRAN	F	3.3.0	3.4.0	T1-010182

34.123-2	015		R99	Corrections to applicability for CC test cases	D	3.3.0	3.4.0	T1-010186
34.123-2	016		R99	Corrections to applicability for CC test cases	D	3.3.0	3.4.0	T1-010188
34.123-2	017		R99	MM test case ICS update	F	3.3.0	3.4.0	T1-010190
34.123-2	018		R99	Correction to MM applicability	F	3.3.0	3.4.0	T1-010191
34.123-2	019		R99	Correction and Addition of PICS and applicability tables for MM, SMS auto-calling, emergency call and intersystem HO test cases	F	3.3.0	3.4.0	T1-010192
34.123-2	020		R99	Update to SMS Applicability tables	F	3.3.0	3.4.0	T1-010195
34.123-2	021		R99	SMS applicability	C	3.3.0	3.4.0	T1-010197
34.123-2	022		R99	GMM ICS update	F	3.3.0	3.4.0	T1-010201
34.123-2	023		R99	Update of applicability of interoperability radio bearer test cases	F	3.3.0	3.4.0	T1-010209

- **34.123-3**

Mr Hu presented **T1-010134**, which contains an update in the TTCN status.

− *Funding*: PCG agreed the reallocation of funding for the second half of 2001. At the same time, a Collective Letter (**T1-010225**) has been circulated within the SDOs asking for voluntary contributions in the areas of:
  - Multiple FDD cell tests in idle mode and in RRC mobility management and measurement,
  - Intersystem idle mode and handover tests,
  - FDD TTCN test suites maintenance.

Further budget allocation will be discussed in October.

> AP11.8: Mr Fox, Mr Hu and Mr Nielsen to prepare letter for further TTCN funding request.

− *Progress & Measures:* 400 test cases available on T1 reflector (60 new ones for GMM); 2 experts dedicated to maintenance; by August it is expected to have test cases for L2, Multi-cell, SMS over PS and new reference RB.
R&S and Anritsu pointed out that before drafting test cases for multi-cell, the SS manufactures shall agree the test method. Mr Fox suggested to organise an ad-hoc meeting at the end of June to solve this issue. This will be agreed on the e-mail reflector.

− *2001 Delivery Plan:* Mr Fox thinks that we should go for v1.1.0 when we are able to compile the whole ATS. The expected date for this will be solved on the reflector since we need to consult with Telelogic. Some discussion took place on why shall we used the Telelogic tool, any other compiler shall be allowed. Mr Fox clarified that long time ago, T1/Sig agreed that to have a certain level of confidence, the TTCN shall at least compile in one platform; the Telelogic tool was chosen as this reference tool.
It was clarified that a new version of TTCN (1.0.x) will be released once the test cases pass the syntax checker. We will pass to version 1.1.0 when we are able to compile.
V3 means that the test cases have a certain level the confidence. There will be several V3 releases. This will be clarified under the verification issue.
The meeting agreed that we will decouple the version number of what has been drafted from the 'official' version number that indicates a certain level of confidence. The specific version number to be used will be discussed on the e-mail reflector.

- *TTCN plan for 2002-2003*: It is foreseen to need 58 mm for every year for work in R99, Rel4 and Rel5. The 2 mm for facsimile and emergency call enhancement will be moved to 2002 to be in line with the work plan. 2mm from LCR TDD in 2002 will be moved to 2003 to keep the budget needed at 58mm every year.
  Nortel thinks that we should include UMTS 1900 in the TTCN plan, since we have merged 1800 and 1900 in one single work item. Mr George will add a separate delivery date for 34.123-3 in the work plan for this work item.

The document was noted.

T1-010166: TS 34.123-3 v1.0.3
This document was presented for information. All changes agreed during the last two T1/Sig meeting are shown in revision marks. The document was noted.

- **LSs**

T1-010220: General LS to GERAN 4 communicating modifications to test cases of common interest
Mr Fox provided this LS to communicate CRs approved by TSG-T1 to GERAN-4 so that they can be considered in case they also should have an effect on GERAN test cases. The LS was agreed.

T1-010221: LS to RAN2 on problems with testing abnormal conditions in RRC signalling procedures
In this LS, T1 asks TSG-RAN WG2 for guidance on how to generate invalid RRC messages and invalid IEs for the purposes of conformance testing. The document was revised in **T1-010238** in order to include the expected date for the answer, and agreed.

T1-010165r1: LS on response to RAN2 regarding corrections of RLC wording
The LS was agreed.

T1-010222: LS to CN1 on aborting of RRC connection during CN procedures
The LS was agreed.

T1-010224: LS to CN1 on clarification of UE behaviour when network fails authentication procedure
The LS was agreed.

T1-010230: LS to RAN2 on Response to LS on ROHC testing
The LS was agreed.

T1-010231: LS to T3 and S3 on Response to LS on authentication test algorithm in test USIM
The LS was agreed.

T1-010137: LS to RAN2 regarding CR to 34.109

This LS proposes some changes to 34.109 to enable testing of radio bearers having data rates up to 2048 kbps. An editorial error was detected since the reference used the term 'MS' instead of 'UE'. With this modification, the LS was agreed.

- **ISG parameters**

T1-010130: ISG parameters for FDD(T1S-010082)
DoCoMo forwarded comment received during T1 and T1/sig meeting and they are included in this new version 1.4. This document has already been noted by T1/Sig. The document was noted.

T1-010131: ISG parameters for TDD(T1S-010083)
This document is based on Siemens contributions. The actual version is 1.0. The document was noted.

The report was noted.

Mr Nielsen noted the big amount of work needed in T1/Sig. Vice-chairman is urgently needed. Companies shall consider the issue and present their candidates at the next meeting. It was noted that support letter from the company is not required.

Mr Nakagomi noted that Annex B in 34.123-1 has to be updated. A CR was later presented in **T1-010217** and agreed.

7.3   TSG-T1/RF status report

Mr Yonekura presented the report from the T1/RF subgroup included in document **T1-010160**.

The main issues discussed:

- *Handling of test tolerances*: Annex F updated in 34.121 but not in 34.122.
- *Release 4 work items*: One CR agreed for testing transmission and reception of Low Chip Rate TDD option.
- *Maintenance of R99 specifications*: CRs mainly due to changes in the core specifications.

- **34.121**

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

It was noted that **T1-010142** shall be category 'F' instead of 'C'.

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
34.121	083		R99	CR: Addition of Test System uncertainties and Test Tolerances	F	3.4.0	3.5.0	T1-010139
34.121	084		R99	CR: Measurement accuracy of CPICH RSCP	F	3.4.0	3.5.0	T1-010140
34.121	085		R99	CR: Measurement accuracy of CPICH Ec/Io	F	3.4.0	3.5.0	T1-010141
34.121	086		R99	CR: Modifications to the structure of RRM test cases (FDD)	F	3.4.0	3.5.0	T1-010142
34.121	087		R99	Maintenance CR: Propagation condition 250 km/h	F	3.4.0	3.5.0	T1-010143
34.121	088		R99	Maintenance CR: Removal of square brackets	F	3.4.0	3.5.0	T1-010144
34.121	089		R99	Maintenance CR: Tx power for Rx characteristics measurement	F	3.4.0	3.5.0	T1-010145
34.121	090		R99	Maintenance CR: Correction of Definition of multi-code OCNS signal	F	3.4.0	3.5.0	T1-010146
34.121	091		R99	Maintenance CR: Conformance requirement to Minimum requirement	D	3.4.0	3.5.0	T1-010147
34.121	092		R99	Maintenance CR: Test conditions for TS 34.121	F	3.4.0	3.5.0	T1-010148
34.121	093		R99	Maintenance CR: Editorial correction 34.121	D	3.4.0	3.5.0	T1-010149
34.121	094		R99	Maintenance CR: closed loop power control close to the limits	C	3.4.0	3.5.0	T1-010150
34.121	095		R99	Maintenance CR: removal of annex I	D	3.4.0	3.5.0	T1-010151
34.121	096		R99	Maintenance CR: correction to annex E	F	3.4.0	3.5.0	T1-010152
34.121	097		R99	Maintenance CR: corrections to TS34.121	F	3.4.0	3.5.0	T1-010153

Status of completeness:

Transmitter	95%
Receiver	95%
Performance	90%
Support of RRM	20%
Annex	100%

Outstanding issues:

− *Setting up RACH for ON/OFF power measurement*: This issue is related to Signalling. Due to the different rage between both powers, it not possible to measure both powers during the same burst. It is proposed then, to measure in two different burst, but they need to know the timing. Is it possible to control the RACH timing? Mr Fox said that their understanding is that is not possible to predict accurately when a burst will occur but there may be another way of doing it. T1/Sig needs more information on which part of the burst they need to measure before given an answer. This will be solved on the e-mail reflector.

− *Test tolerances*: CRs will be presented at the next meeting for updating of non-regulatory items.

− *Total test time*: The discussion has been started and it will continue at the next meeting.

− *Support of RRM*: The understanding on the area is not enough. A tutorial ad-hoc will be planned with RAN4.

− *Release 4 work items*: They realised that some work items that were approved by T1/RF in Copenhagen were not approved by TSG T1 and T. They expect this to be done at the next TSG T meeting.

- **34.122**

3 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	033		R99	CR:New Power Classes require new test tolerances	F	3.3.0	3.4.0	T1-010154
34.122	034		R99	CR:Test tolerances for Output Power Dynamic	F	3.3.0	3.4.0	T1-010155

T1-010154: There is a LS (**T1-010157**) to RAN4 asking if the understanding reflected in the CR is correct. In case RAN4 give a negative answer, another corrective CR will be presented at the next meeting.

CRs for creation of Rel4:

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
34.122	035		Rel4	Inclusion of 1.28 Mcps TDD [Rel-4]	B	3.3.0	4.0.0	T1-010156

The CR, especially the cover page, was presented in detail.

Mrs Salmeron noted that for the next meeting, every CR to 34.122 R99 shall have an equivalent CR to 34.122 Rel4.

Status of completeness for R99:

The same as before:

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

Outstanding issues:

- *Limited number of contributions*: Companies are encouraged to send delegates to the meeting.
- *Test tolerance*: At the next meeting, the values of FDD non-regulatory items can be re-used.
- *Total test time*: Same as FDD.
- *Support of RRM*: Same as FDD.
- *Release 4 Work items*: Same as FDD.

- **LS**

T1-010157: LS to RAN4 clarify power classes supported by R99
T1/RF ask for clarification on which power classes shall be supported by R99 specifications. This LS is copied to T1 for information. The LS was noted.

T1-010158: LS to RAN4 Questions for Measurement accuracy of CPICH RSCP
This LS is copied to T1 for information. It was noted that the source shall be T1/RF. The LS was noted.

T1-010159: LS to RAN4,RAN2,T,RAN establishment of ad-hoc on RRM test
T1 proposes to create this ad-hoc group in RRM with the following objectives:

- o to share common understanding on RRM core requirements, which were developed by RAN4 and RAN2.

- o to review test requirements, which will be developed by T1.

Some possible dates are proposed for the first meeting. The LS was agreed.

At this point, the date for the next T1/Sig meeting seemed not to be clear. R&S will clarify this on the reflector.

- **Future meetings**

T1/RF #19: 9-11 July 2001 in Berlin (Germany).

The report was noted.

T1-010136: This is a CR that was presented directly to last T meeting. It is presented here for information. The CR was noted.

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

T1-010138: TR 34.910 v1.0.1 for information
Mr Nielsen said at the moment some input from Japan has been included. He pointed out that the inputs to this documents are very limited. Japanese companies shall review to check if the new information is correct. The document was noted.

9   Postponed issues

T1-010232: LS to CN on Response to LS NP-010211 (T1-010124),Deletion of WIs with impact on other TSGs
The LS was agreed.

T1-010234: LS to GCF on Clarification of Regulatory and Voluntary test cases
The LS was agreed. It was not clear if T1 could send LSs directly to GCF.

AP11.9: Mrs Salmeron will clarify on the reflector if T1 can send LSs directly to GCF.

T1-010233: LS on Conformance testing for UE Positioning
The LS was agreed

Mr George informed that the work items as approved by T1 are in **T1-010241**.

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

None.

11 Any other business

Mr Nielsen pointed out that our next meeting will be wireless. Delegates are asked to bring the appropriate equipment.

12 Closing of the meeting

Mr Nielsen thanked NEC for hosting the meeting and closed the meeting at 13.50 on Friday.

Annex A. List of participants.

Title	Last name	First name	Organization Represented	PHONE	FAX	Email	Status Code	Category Code
Mr.	Arroyo	Serafin	SIEMENS AG	+43 5 1707 35909	+43 5 1707 55010	serafin.arroyo@siemens.at	3GPPMEMBER	ETSI
Mr.	Eyring	Thomas	ROHDE & SCHWARZ GmbH & Co.KG	+49 89 41 29 18 25	+49 89 41 21 16 74	thomas.eyring@rsd.rohde-schwarz.com	3GPPMEMBER	ETSI
Mrs.	Felicetti	Giulia	TELECOM ITALIA S.p.A.	+39 06 3900 9148	+39 06 85 43 958	gfelicetti@mail.tim.it	3GPPMEMBER	ETSI
Mr.	Fenn	John B	SAMSUNG Electronics Research Institute	+441 784 428 600	+441 784 428 629	johnbfenn@aol.com	3GPPMEMBER	ETSI
Mr.	Fox	Daniel	ANRITSU LTD	+441 582 433 357	+441 582 433 276	dan.fox@eu.anritsu.com	3GPPMEMBER	ETSI
Mr.	Fujimura	Masuhisa	SONY Corporation	+81 3 5782 5199	+81 3 5782 5213	fujimura@wtlab.sony.co.jp	3GPPMEMBER	ARIB
Mr.	George	Peter	ANRITSU LTD	+441 438 740 011	+441 438 740 202	Peter.George@eu.anritsu.com	3GPPMEMBER	ETSI
Mr.	Gonorovsky	Ilya	T1 Standards Committee Telecommunications	+17 328 788 217	+17 328 788 001	i.gonorovsky@motorola.com	3GPPORG_REP	T1
Mr.	Greiner	David	INTERDIGITAL COMMUNICATIONS CORPORATION	+16 316 224 057	+16 108 787 843	david.greiner@interdigital.com	3GPPMEMBER	ETSI
Miss	Griffiths	Hellen	Anite Telecoms Ltd.	+441 252 775 200	+441 252 775 322	hellen.griffiths@anitetelecoms.com	3GPPMEMBER	ETSI
Mr.	Guillot	Edgar	France Telecom	+33 2 96 05 78 55	+33 2 96 05 77 27	edgar.guillot@rd.francetelecom.fr	3GPPMEMBER	ETSI
Mr.	Hellsten	Jarkko	NOKIA Corporation	+358 50 515 1621	+358 10 505 5220	jarkko.hellsten@nokia.com	3GPPMEMBER	ETSI
Mr.	Higuchi	Kenji	ADVANTEST Corporation	+81 276 70 3363	+814 855 567 049	higuchi@gytmi.advantest.co.jp	3GPPMEMBER	ARIB
Mr.	Hu	Shicheng	ETSI	+33 4 92 94 43 69	+33 4 92 38 52 89	shicheng.hu@etsi.fr	3GPPORG_REP	ETSI
Mr.	Ida	Tohru	Fujitsu Limited	+81 44 754 3291	+81 44 754 3547	tohru.ida@jp.fujitsu.com	3GPPMEMBER	ARIB
Mr.	Jensen	Jens Henrik	Telefon AB LM Ericsson	+4 533 884 351	+4 533 884 399	jens.h.jensen@ericsson.dk	3GPPMEMBER	ETSI
Mr.	Kowalski	Joseph	MOTOROLA A/S	+1 847 639 5914		wjk008@email.mot.com	3GPPMEMBER	ETSI
Mr.	Lee	Weng Chye	Matsushita Communication Industrial Co, Ltd	+65 395 8051	+653 815 406	wclee@psl.com.sg	3GPPMEMBER	ARIB

Mr.	Mattisson	Leif	Telefon AB LM Ericsson	+46 46 193365	+46 70 619 6475	Leif.mattisson@ecs.ericsson.se	3GPPMEMBER	ETSI
Mr.	Maucksch	Thomas	ROHDE & SCHWARZ GmbH & Co.KG	+49 89 41 291 2124	+49 89 41 291 3443	thomas.maucksch@rsd.rohd-schwarz.com	3GPPMEMBER	ETSI
Mr.	Nakagomi	Hisashi	NTT DoCoMo Inc.	+81 468 40 3100	+81 468 40 3733	hisashi@cet.yrp.nttdocomo.co.jp	3GPPMEMBER	ARIB
Mr.	Nakamura	Yasuhiko	NEC Corporation	+459 392 364	+459 392 366	y_nakamura@er.jp.nec.com	3GPPMEMBER	ARIB
Mr.	Nemoto	Masaaki	Mitsubishi Electric Co.	+81 467 41 2885	+81 467 41 2819	masaaki@csc.melco.co.jp	3GPPMEMBER	ARIB
Mr.	Nielsen	Bjarke	QUALCOMM EUROPE S.A.R.L.	+49 89 74140806	+49 89 7414 0808	bnielsen@qualcomm.com	3GPPMEMBER	ETSI
Mr.	Parthenis	Charles	Telstra Corporation	+61 2 9841 4484	+61 2 9893 7341	charles.parthenis@team.telstra.com	3GPPMEMBER	ETSI
Mrs.	Prosenica	Jasmina	NEC Corporation	+61 392 643 330	+61 392 643 841	jasminap@icpdd.necanec.com.au	3GPPMEMBER	ARIB
Ms.	Salmeron	Lidia	ETSI	+33 4 92 94 43 49	+33 4 93 65 28 17	lidia.salmeron@etsi.fr	3GPPORG_REP	ETSI
Mr.	Sauvage	Nicolas	TTP COMMUNICATIONS LTD	+44 1763 266 266	+447 092 095 957	nicolas.sauvage@ttpcom.com	3GPPMEMBER	ETSI
Mr.	Savolainen	Juha	NOKIA Corporation	+358 50 553 8373	+358 105 056 777	juha.t.savolainen@nokia.com	3GPPMEMBER	ETSI
Mr.	Schulze	Hans-Joachim	MANNESMANN Mobilfunk GmbH	+492 115 332 240	+492 115 333 804	Hajo.Schulze@d2vodafone.de	3GPPMEMBER	ETSI
Mr.	Shimokawara	Yoichi	SONY Corporation	+81 3 5782 5199	+81 3 5782 5213	shimo@wtlab.sony.co.jp	3GPPMEMBER	ARIB
Mr.	Simmons	Paul	NORTEL NETWORKS (EUROPE)	+33 1 39 44 55 95	+33 1 39 44 52 52	simmonsp@nortelnetworks.com	3GPPMEMBER	ETSI
Mr.	Skliris	Dimitris	MOTOROLA Ltd	+441 256 790 191	+441 256 790 190	dimitris.skliris@motorola.com	3GPPMEMBER	ETSI
Mr.	Susko	Denis	CETECOM	+4 920 549 519 947	+492 054 951 913	denis.susko@cetecom.de	3GPPMEMBER	ETSI
Mr.	Suzuki	Masaaki	Matsushita Communication Industrial Co, Ltd	+81 468 40 5240	+81 468 40 5222	masaaki.suzuki@yrp.mci.mei.co.jp	3GPPMEMBER	ARIB
Dr.	Traeger	Juergen	SIEMENS AG	+49 89 722 54995	+49 89 722 62172	juergen.traeger@mch.siemens.de	3GPPMEMBER	ETSI
Mr.	Tsukamoto	Akira	DENSO CORPORATION	+81 566 61 3653	+81 566 25 4751	a_tuka@hcom.denso.co.jp	3GPPMEMBER	ARIB
Mr.	Wakayama	Shin-Ichi	Fujitsu Limited	+81 44 754 3749	+81 44 754 3351	s.wakayama@jp.fujitsu.com	3GPPMEMBER	ARIB
Mr.	Yokoyama	Mitsuru	Agilent Technologies Japan, Ltd	+81 78 993 2763	+81 78 993 2683	mitsuru_yokoyama@agilent.com	3GPPMEMBER	ARIB
Mr.	Yonekura	Kunitoshi	Fujitsu Limited	+81 44 754 3865	+81 44 754 3366	yonekura@jp.fujitsu.com	3GPPMEMBER	ARIB

Annex B. List of documents

Tdoc	Title	Source	Agenda item	Revised	Status
T1-010114	Proposed agenda for T1 #11 in Melbourne	Chairman			agreed
T1-010115	Draft report from T1 #10	ETSI MCC			agreed
T1-010116	LS to TSG-T1 regarding conformance test requirements for application layer test (Response)	S4	5		noted
T1-010117	LS from T2 on Reply to "Definition of bearer service end-point to budget transfer delay within UE"	T2	5		noted
T1-010118	Handling of common issues between G4 and T1	D2 Vodafone			agreed
T1-010119	LS from R2 on ROHC testing (R2-010760)	R2	5		noted
T1-010120	LS from R2 on Proposed CRs to 34.108 and 34.123-1 on Clarification on RLC header (R2-010761)	R2	5		noted
T1-010121	LS on Response to T1 on authentication test algorithm to be implemented in test USIMs (T3-010246)	T3	5		noted
T1-010122	LS on response to T1 on authentication test algorithm to be implemented in test USIM (S3-010137)	S3	5		noted
T1-010123	LS on response to SA2 liaison on regarding conformance test requirements for application layer test (N1-010418)	N1	5		noted
T1-010124	LS on Deletion of WIs with impact on other TSGs (NP-010211)	N	5		noted
T1-010125	LS on Conformance test requirements for application layer test (T2-MExE-010038)	T2 SW1 (MExE)	5		noted
T1-010126	LS on Conformance testing for UE Positioning	R2	5		noted
T1-010127	Draft report from T #11	ETSI MCC	4		noted
T1-010128	Draft report from PCG #6	ETSI MCC	4		noted
T1-010129	Work plan for Rel4 and Rel5	ETSI MCC	6.2		noted
T1-010130	ISG parameters for FDD(T1S-010082)	NTT DoCoMo			noted
T1-010131	ISG parameters for TDD(T1S-010083)	NTT DoCoMo			noted
T1-010132	Reports from G4 #3 and #4	ETSI MCC			noted
T1-010133	Report from G4 - Slides	ETSI MCC			noted
T1-010134	MCC Task 160 May Status report	ETSI MCC			noted
T1-010135	LS on authentication test algorithm to be implemented in test USIM (T3-010324)	T3	5		noted
T1-010136	CR on 34.121 (for information) on Regional requirements on Test Tolerance	T			noted
T1-010137	LS to RAN2 regarding CR to 34.109	T1/Sig			agreed
T1-010138	TR 34.910 v1.0.1 for information	chairman			noted
T1-010139	CR to 34.121 on Addition of Test System uncertainties and Test Tolerances	T1/RF			agreed
T1-010140	CR to 34.121 on Measurement accuracy of CPICH RSCP	T1/RF			agreed
T1-010141	CR to 34.121 on Measurement accuracy of CPICH Ec/Io	T1/RF			agreed
T1-010142	CR to 34.121 on Modifications to the structure of RRM test cases (FDD)	T1/RF			agreed
T1-010143	CR to 34.121 on Maintenance CR: Propagation condition 250 km/h	T1/RF			agreed
T1-010144	CR to 34.121 on Maintenance CR: Removal of square brackets	T1/RF			agreed
T1-010145	CR to 34.121 on Maintenance CR: Tx power for Rx characteristics measurement	T1/RF			agreed
T1-010146	CR to 34.121 on Maintenance CR: Correction of Definition of multi-code OCNS signal	T1/RF			agreed
T1-010147	CR to 34.121 on Maintenance CR: Conformance requirement to Minimum requirement	T1/RF			agreed
T1-010148	CR to 34.121 on Maintenance CR: Test conditions for TS 34.121	T1/RF			agreed
T1-010149	CR to 34.121 on Maintenance CR: Editorial correction 34.121	T1/RF			agreed
T1-010150	CR to 34.121 on Maintenance CR: closed loop power control close to the	T1/RF			agreed

Tdoc	Title	Source	Agenda item	Revised	Status
	limits				
T1-010151	CR to 34.121 on Maintenance CR: romoval of annex.I	T1/RF			agreed
T1-010152	CR to 34.121 on Maintenance CR: correction to annex.E	T1/RF			agreed
T1-010153	CR to 34.121 on Maintenance CR: corrections to TS34.121	T1/RF			agreed
T1-010154	CR to 34.122 on New Power Classes require new test tolerances	T1/RF			agreed
T1-010155	CR to 34.122 on Test tolerances for Output Power Dynamic	T1/RF			agreed
T1-010156	CR to 34.122 on Inclusion of 1.28 Mcps TDD [Rel-4]	T1/RF			agreed
T1-010157	LS to RAN4 clarify power classes supported by R99	T1/RF			noted
T1-010158	LS to RAN4 Questions for Measurement accuracy of CPICH RSCP	T1/RF			noted
T1-010159	LS to RAN4,RAN2,T,RAN establishment of adhoc on RRM test	T1/RF			agreed
T1-010160	Status Report T1/RF	T1/RF			noted
T1-010161	reserved	T1/RF			
T1-010162	reserved	T1/RF			
T1-010163	reserved	T1/RF			
T1-010164	reserved	T1/RF			
T1-010165	LS to RAN2 on response regarding corrections of RLC wording	T1/Sig	7.2	r1	agreed
T1-010166	TS 34.123-3 v1.0.3	T1/Sig			noted
T1-010167	CR to 34.123-1 (Idle mode tests)	T1/Sig			agreed
T1-010168	CR to 34.123-2 (ICS for Idle mode tests)	T1/Sig			agred
T1-010169	CR to 34.123-2 (ICS for Idle mode tests)	T1/Sig			withdrawn
T1-010170	CR to 34.1123-1 Clause 7.2: Update of RLC tests to 25.322 v3.5.0	T1/Sig			agreed
T1-010171	Corrections to Clause 7.2: RLC test case updates	T1/Sig			agreed
T1-010172	CR to 34.123-2: Update to applicability tables for RLC tests	T1/Sig			agreed
T1-010173	CR to 34.123-1, 7.3 PDCP	T1/Sig			agreed
T1-010174	CR to 34.123-1, 7.4 BMC	T1/Sig			agreed
T1-010175	CR to 34.123-1 7.1 Update to MAC test cases	T1/Sig			agreed
T1-010176	CR to 34.123-1: Modifications to the functional testing of CPCH related UE test cases	T1/Sig			agreed
T1-010177	CR to 34.123-2 Update to MAC test applicability tables	T1/Sig			agreed
T1-010178	CR to 34.123-1 Transmission RLC discard	T1/Sig			agreed
T1-010179	Updates to RRC test case in TS34.123-1 v3.3.0	T1/Sig			agreed
T1-010180	Update of applicability table in TS34.123-2 v3.3.0	T1/Sig			agreed
T1-010181	CR to 34.123-1 on Deletion of intersystem handover tests GERAN to UTRAN	T1/Sig			agreed
T1-010182	CR to 34.123-2 on Deletion of applicability statement for intersystem handover tests GERAN to UTRAN	T1/Sig			agreed
T1-010183	CR to 34.123-1: Corrections to CC test cases	T1/Sig			agreed
T1-010184	CR to 34.123-1:Corrections to Emergency call test cases	T1/Sig			agreed
T1-010185	CR to 34.123-1:Corrections to test of autocalling restrictions	T1/Sig			agreed
T1-010186	CR to 34.123-2: Corrections to applicability for CC test cases	T1/Sig			agreed
T1-010187	CR to TS34.123-1, Corrections to call re-establishment tests in CC	T1/Sig			agreed
T1-010188	CR to TS34.123-2, Corrections to applicability for CC test cases	T1/Sig			agreed
T1-010189	CR to 34.123-1 MM test case update	T1/Sig			agreed
T1-010190	CR to 34.123-2 MM test case ICS update	T1/Sig			agreed
T1-010191	CR to 34.123-2: Correction to MM applicability	T1/Sig			agreed
T1-010192	CR to 34.123-2: Correction and Addition of PICS and applicability tables for MM, SMS auto-calling, emergency call and intersystem HO test cases	T1/Sig			agreed
T1-010193	CR to 34.123-1 clause 10: Corrections to lower layer failure cases in CC tests	T1/Sig			agreed

Tdoc	Title	Source	Agenda item	Revised	Status
T1-010194	CR to 34.123-1: SMS Update	T1/Sig			agreed
T1-010195	CR to 34.123-2: Update to SMS Applicability tables	T1/Sig			agreed
T1-010196	Update to 34.123-1 SMS test specification	T1/Sig			agreed
T1-010197	Update to 34.123-2 SMS applicability	T1/Sig			agreed
T1-010198	CR to 34.123-1: Update to GMM test cases	T1/Sig		235	revised
T1-010199	CR to 34.123-1: GMM service request test cases	T1/Sig		236	revised
T1-010200	CR to 34.123-1: GMM authentication reject test cases	T1/Sig		237	revised
T1-010201	CR to 34.123-2: GMM ICS update	T1/Sig			agreed
T1-010202	Modifications to Clause 12 (GMM)	T1/Sig			agreed
T1-010203	Correction in test case 11.1, because of problems in core-specs	T1/Sig			agreed
T1-010204	Procedure and Expected Sequence Corrections to 11.1.2.	T1/Sig			agreed
T1-010205	CR for 6.10(34.108) FDD parameters	T1/Sig			agreed
T1-010206	CR for 6.10(34.108) TDD parameters	T1/Sig			agreed
T1-010207	CR to 34.123-1; Adding section for multi-layer functional testing	T1/Sig			agreed
T1-010208	CR to 34.123-1; Update of interoperability radio bearer test cases	T1/Sig			agreed
T1-010209	CR to 34.123-2; Update of applicability of interoperability radio bearer test cases	T1/Sig			agreed
T1-010210	CR to 34.108; Adding section for radio bearer configurations intended for functional testing	T1/Sig			agreed
T1-010211	CR to 34.108; Update of list of abbreviations	T1/Sig			agreed
T1-010212	Updates to clause 6.1 and 9 of TS34.108 v3.3.0	T1/Sig			agreed
T1-010213	Updates to clause 7.4 of TS34.108 v3.3.0	T1/Sig			agreed
T1-010214	CR to 34.108 clause 6.1: System Information Blocks for TDD Mode	T1/Sig			agreed
T1-010215	CR to 34.108:Editorial corrections and removal of a reference document	T1/Sig			agreed
T1-010216	T1/Sig CR index	T1/Sig			noted
T1-010217	CR to 34,123-1 on update of table B.1	T1/Sig			agreed
T1-010218	Summary of the adhoc on the issue of verification of TTCN	T1/Sig			agreed
T1-010219	T1/SIG Chairmans report to T1	T1/Sig			noted
T1-010220	General LS to GERAN 4 communicating modifications to test cases of common interest	T1/Sig			agreed
T1-010221	LS to RAN2 on problems with testing abnormal conditions in RRC signalling procedures	T1/Sig		238	revised
T1-010222	LS to CN-1 on clarification of MM abnormal procedures	T1/Sig			agreed
T1-010223	Reserved	T1/Sig			
T1-010224	LS on clarification of UE behaviour when network fails authentication procedure	T1/Sig			agreed
T1-010225	CL2083, call for the TTCN voluntary contribution for MCC task 160	T1/Sig			noted
T1-010226	Work item sheets	Peter George			noted
T1-010227	Informal report from GCF 3G Workshop	Peter George			noted
T1-010228	Report of Meetings between the CN Chair and IETF Area Directors				not treated
T1-010229	"Application Enablers" for external application testing	John Fenn, Peter George and Bjake Nielsen	6.3		noted
T1-010230	Response to LS on ROHC testing	T1			agreed
T1-010231	Response to LS on authentication test algorithm in test USIM	T1			agreed
T1-010232	LS to CN on Response to LS NP-010211 (T1-010124),Deletion of WIs with impact on other TSGs				agreed
T1-010233	LS on Conformance testing for UE Positioning	Samsung			agreed
T1-010234	LS to GCF on Clarification of Regulatory and Voluntary test cases				agreed
T1-010235	Revision of 198				agreed
T1-010236	Revision of 199				agreed

Tdoc	Title	Source	Agenda item	Revised	Status
T1-010237	Revision of 200				agreed
T1-010238	Revision of 221	T1/Sig			agreed
T1-010239	Slides on the RF conditions for signalling tests	T1/Sig chairman			noted
T1-010240	Presentation on Mobile Vendors IOT forum	Motorola			noted
T1-010241	Revised work items				noted

Annex C. List of LSs out

T1 number	Title
T1-010137	LS to RAN2 regarding CR to 34.109
T1-010157	LS to RAN4 clarify power classes supported by R99
T1-010158	LS to RAN4 Questions for Measurement accuracy of CPICH RSCP
T1-010159	LS to RAN4,RAN2,T,RAN establishment of adhoc on RRM test
T1-010165r1	LS to RAN2 on response regarding corrections of RLC wording
T1-010222	LS to CN-1 on clarification of MM abnormal procedures
T1-010224	LS on clarification of UE behaviour when network fails authentication procedure
T1-010230	Response to LS on ROHC testing
T1-010231	Response to LS on authentication test algorithm in test USIM
T1-010232	LS to CN on Response to LS NP-010211 (T1-010124),Deletion of WIs with impact on other TSGs
T1-010233	LS on Conformance testing for UE Positioning
T1-010234	LS to GCF on Clarification of Regulatory and Voluntary test cases
T1-010238	LS to RAN2 on problems with testing abnormal conditions in RRC signalling procedures

Annex D. Proposed Meeting Schedule for TSG-T1

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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
18/05/01	0	Preliminary draft
29/05/01	1	
11/05/01	2	Editorial corrections

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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ETSI
650, Route des Lucioles
F-06921 Sophia Antipolis Cedex
France

Tel.: +33 (0)4 92 94 43 49
Fax.: +33 (0)4 93 65 28 17
E-mail: lidia.salmeron@etsi.fr
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