Source:	**T1**
Title:	**Draft report from T1#13**
Agenda item:	**5.1.1**
Document for:	**Information**

3GPP TSG T WG1 #13
Cancun, Mexico
29-30 November 2001

DRAFT Report from the 3GPP TSG T WG1 #13 Plenary Meeting

29-30 November 2001

Casa Magna Hotel, Cancun, Mexico

Revision: 1

Chairman: Bjarke Nielsen

Secretary: Lidia Salmerón

TABLE OF CONTENTS

1   Opening of the meeting

The thirteenth TSG T1 Plenary meeting was held on 29th to 30th November 2001 in Cancun (Mexico) and was hosted by "The North American Friends of 3GPP".

Mr Nielsen opened the meeting at 9.00 am.

2   Adoption of the agenda

The original agenda in **T1-010382** was approved (with the modification that the RF report will be presented before the Signalling report).

There will be a small ad-hoc during the first break for the review of the signalling TDD documents - not handled at the Signalling subgroup due to lack of time.

Mr Nielsen gave a reminder on the IPR obligations.

3   Registration of input documents

This is included in Annex B of this report.

4   Review of the minutes from last meeting

The report from the last T1#12 meeting (Busan) can be found in Tdoc **T1-010383** 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
AP9.18: Subgroups to check references in TR 34.910 and report to the chairman.	Open	Checked by the RF subgroup but not by the Signalling.
AP10.9: All to consider if interface T1-IETF is needed.	Ongoing	Someone shall monitor the work of IETF
AP11.1: Mr George to finish the Work Item on how to test codec functions	Open	It will be presented during Work Plan issues
AP11.4: Mr George will create a separated work item for testing of MExE and we will seek for supporting companies.	Open	It will be presented during Work Plan issues
AP11.5: Companies to consider the hosting of future T1 meeting.	Open	Some offers from potential hosts already received
AP11.7: T1/Sig to solve the issue of the RF conditions for	Closed	Done at the ad-hoc meeting in Sophia

signalling for the next T1 meeting.		Antipolis. CR to 34.108 to be presented at this meeting.
AP12.1: Mr Fenn to organize a joint meeting with T2 in November	Done	
AP12.2: Mr George to evaluate if the work item End-to-End QoS for Rel-5 has any influence in our work.	Open	
AP12.3 Mr Savolainen (Nokia) to write LS to R2 with conclusions from RRM ad-hoc	Done	To be presented at the e-mail approval status report.
AP12.4: Relevant companies within T1 to review the report from SA1 on IP Based Multimedia Services Framework and provide input to them.	Open	
AP12.5: Mrs. Salmeron to make a PRD with the e-mail approval procedure.	Done	Done in PRD T1-08
AP12.6: Mr George will start a discussion on the e-mail reflector to get support for the creation of new WI.	Open	Some WI have been added to the work item list but no supporting companies identified yet.
AP12.7: Mr Nielsen to make the preparations for the co-located meeting with T2 in November.	Done	
AP12.8: Mr George to provide the spread table for the follow up of work items.	Done	
AP12.9: Mrs Salmeron to include the missing information from T#12 in the work plan.	Done	
AP12.10: Mrs Salmeron to update PRD T1-07.	Done	To be presented at this meeting
AP12.11: Mr Hu and Mr Fox to provide new estimate on the number of test cases available at the end of the year.	Done	Included in the presentation of status of task 160
AP12.12: T1/Sig to provide a final version of the verification database.	Done	Included in the MCC TTCN presentation
AP13.1: Mr Nielsen to provide a proposal for the new format of 34.910.		
AP13.2: Mrs Salmeron to check if we can liaise directly with everyone in the 3GPP external liaison lists.		
AP13.3: Mr Hu, Mr Fox and Mr George to reflect the TTCN resources in the workplan.		
AP13.4: T1 to have a conference call to solve the issue of procedure for inclusion of new RAB.		
AP13.5: ETSI to send proposal to the reflector on how to handle CRs to TTCN.		
AP13.5: Mrs Salmeron to look for meeting room for 50 people in January for one day meeting. Send e-mail with proposed dates (better end of January)		
AP13.6: Mr Mattisson to prepare LS answering RAN2 on their understanding of version handling in T1 and send it to the reflector for approval.		
AP13.7: T1 to organize conference call with RAN2 in order to clarify the LS on UE protocol version.		
AP13.8: Mr Schulze to send T1-010555 (PRD T1-01 revision 2) for approval on the e-mail reflector.		

T1-010397: Report from T#13 in Beijing

Mrs Salmerón presented the document. The main issues related to T1 were:

- Approval of the merging of R99 and Rel-4 of 34.123.
- Endorsement of temporary locking of prose and TTCN test cases to the core specifications produced after TSG meeting #12 in June.
- Endorsement of the proposal that MCC shall collate and maintain the inputs related to the TTCN verification database.
- T expected T1 to have a proposal of the new format of 34.910 by T1#13. At this is not available at this meeting, it will be an action point for the next T1 meeting.

AP13.1: Mr Nielsen to provide a proposal for the new format of 34.910.

- All T1 CRs were approved.
- T endorsed the funding request of 58 mm for both 2002 and 2003.
- T expects that at its next meeting a report on scope/work area and support for the application platform testing will be presented.

The document was noted.

T1-010398: Report from SA#13

Mrs Salmerón presented the document. The main issues related to T1 were:

- At SA, T1 estimated that by March 2002, enough TTCN test cases will have been stabilized to allow test/verification of basic UE functionality.

  Mr Hu noted that at the moment the verification reports are only based on visual inspection. Mr Nielsen encouraged companies to input comments to Mr Hu for inclusion in the verification database.

  Nr Simmons (Nortel) noted that we have to identify important updates to the core specifications and include them into our test specification before March 2002. He highlighted that the next 3 month are a critical for the update of our test specifications.

- It was clarified that the RRM testing had been recognised as a point which needed progressing by T1, and an ad-hoc meeting had been arranged by T1 to progress the work.

  Nr Nielsen noted that some feedback on the ad-hoc shall be given to SA.

- SA recognised the importance of the TTCN and asked members to seriously consider providing resources for this work.

The document was noted.

T1-010399: Report from PCG#7

Mrs Salmerón presented the document. The main issues related to T1 were:

- Regional regulatory requirements: PCG stated that 3GPP specifications should constitute a superset of all requirements from which regional variations could be extracted as required. Options in the form of a regulatory requirement particular to one or more regions, shall be included in 3GPP specifications. TSGs should not debate the inclusion or rejection of such options.

Mr Nielsen asked regions to provide input on its regulatory requirements.

- Funding for TTCN was supported

The document was noted.

T1-010486: Draft report from OP#6

Mrs Salmerón presented the document. The main issue was the grant of the funding requested for TTCN: 754 kEUR to be allocated in the 2002 budget. But before voluntary contribution shall be seek.

The document was noted.

5   Incoming LS's

T1-010384: LS on UE behaviour when network fails Authentication procedure (N1-011253)

This is an answer from CN1 to one LS sent by T1 asking clarification on the UE's action(s) upon deciding that the network has failed the Authentication procedure and how long that/those action(s) has/have to be applied. CN1 also asks RAN2 to make some changes that are needed in the core specifications.

Ericsson explained that at the time we sent this LS it was not possible to tests as it was specified in the core specifications. We will be able to include the missing tests after RAN2 has made the proposed changes. All the tests we have at the moment are in line with the core specification.

The LS was noted.

T1-010385: LS on Reply to LS on aborting of RRC connection during CN procedures (N1-011333)

As requested by T1, CN1 explains the procedure to be followed by the UE to abort the RRC connection.
As consequence of this answer, an additional test case is needed and it will be done in the Signalling subgroup.

The LS was noted.

T1-010387: LS on SMS testing (T2-010844)

T2 informs about a correction needed in the SMS test specification. Denso agreed with the LS and prepared a CR to solve the problem. This CR will be presented for approval at T1.

The LS was noted.

T1-010388: LS on PKCS#15 support for MExE in the USIM (T2-010692)

LS from T2 to T3 and cc to T1. T2 requests T3 to consider the attached CR to 31.102. Presented to T1 for information.

The LS was noted.

6 Presentations of e-mail approvals since last T1 meeting

T1-010400: Status report of e-mail approval
Nr Nakagomi informed that one LS was agreed by e-mail: **T1-010389** on 'Response to LS on UE positioning testing aspects', that has been already forwarded to RAN2.

The document was noted.

The LS (**T1-010389**) was noted but was not presented in detailed during the meeting.

7 T1 administrative issues

7.1 Time schedule for next meetings - for review and consensus

T1-010536: T1 meeting schedule
The next meeting is hosted by ETSI in Sophia Antipolis 18-22 February. Mr Fenn warned delegated to book hotels early since the GSM World Congress is at the same time in Cannes.

The following companies offered to host a meeting:

Ericsson: May meeting in Sweden
Anite & DoCoMo: July meeting in Japan
Anritsu: November meeting in UK

This arrangement was agreed with no comments on the distribution of meeting.

At the end of the meeting there was an offer to host a meeting in USA but it was decided not to change the already agreed places.

The meeting schedule as agreed at the meeting is included in Annex D of this report.

The document was noted.

7.2 Use of the 3GPP e-mail reflector

Mrs Salmeron explained that the e-mail exploder lists are only for technical discussions. No spanning or advertising are allowed.

Mr Nielsen noted that sometimes is difficult to distinguish between was is advertising or what is related for our work. We should be a bit flexible.

7.3 Update of Terms of Reference

T1-010392: T1 Terms of Reference
Mrs Salmerón presented the actual T1 ToR for update because some old references are included in it.

The document was updated on-line during the meeting and finally agreed as **T1-010547**.

AP13.2: Mrs Salmeron to check if we can liaise directly with everyone in the 3GPP external liaison lists.

7.4 Future meeting structure

At this point of the agenda, the frequency and location of meetings and the use of conference call and other remote access to meetings were discussed.

Frequency of meetings

It was agreed to continue with having four T1 meeting a year. The subgroup could meet in between T1 meetings.

Vodafone pointed out that we should consider the possibility of co-locate with other 3GPP meetings. Also, ad-hoc meeting shall be communicated to the 3GPP community as soon as possible to avoid possible clashes with other meetings.

Mr Fox informed that there is no T1/Sig meeting planned before the next T1 meeting. A meeting is planned between February and May but no host is available for the moment.

Meeting venues

It is recommended to host meetings in places where it is easy to get. The guideline is to meet in a mayor hub plus one flight. The cost of flights and hotels shall also be considered.
Mr Fenn proposed that companies shall consider co-hosting.

'Virtual meetings'

Mr Nielsen noted that some comments have been made on the use of virtual meeting for specific issues in order to reduce travel expenses. It was noted that the experience of conference call plus net-meeting for the RRM ad-hoc meeting in Sophia Antipolis worked quite well. The use of net-meeting and conferences calls is encouraged.

Mr Fenn noted that ETSI has done some meeting using web casting for several meetings and they have been very successful.

Mr George said that the use of net-meeting can work quite well for ad-hoc meeting.

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

T1-010394: T1 work item index
Mr George (Anritsu) presented the document that contains a summary of the current status of T1 work items.

The following work items have been added:

?? Conformance Testing of HSDPA

?? MIMO Antennas

?? UE positioning enhancements for LCR TDD

?? AMR Codec and Global Text Telephony (as application testing)

?? Conversation Class RABs in the PS domain

The index also shows the actual progress in some of the work items (some of them have to be updated).

Mr George clarified that those WI marked as Building Blocks do not have supporting companies because they are composed by work task that have supporting companies.

The progress of the different activities in Rel-4 was updated during the meeting. The completion dates were also revised. In particular, some discussion took place on the completion date for the TTCN for testing of UMTS 1800. Mr Nielsen asked to have the information about the resources needed for the drafting of TTCN linked to the work plan. He suggested to have an additional column in the spread sheet indicating the men/month allocated to TTCN development.

AP13.3: Mr Hu, Mr Fox and Mr George to reflect the TTCN resources in the workplan.

For Rel-5 we do not have sufficient support to propose any new work item for approval. Mr Nielsen asked delegates to take this back to their companies and consider the support of these work items.

The WI 'Conversation class RABs for PS domain' was removed from the Rel-5 WI, since this was felt to belong to RAN2 scope. A LS will be sent to RAN2 to kindly ask them to do the work.

Application testing for Rel4:

- Some progress in the MExE area, to be reported later
- Mr Fenn clarified that 'Testing QoS for End to End, Rel 4 and Rel 5' could be the same as 'streaming audio/video', depends on the testing methodology we use.

Mr George clarified that for the moment we are not including new work items in the work plan until we have enough supporting companies.

The document was revised in **T1-010549** and noted.

T1-010393: T1-06 revision 6
Mr George presented this collection of work items drafted/approved at T1. Some modification have been made since the last version, these are listed in the history section.

The document was noted.

T1-010395: Revised work plan
This document contains the project plan in MS Project including the changes/progress information that were agreed at this meeting. It was presented for information.

7.6 Testing of Application platforms

T1-010535: Report from T1-T2 joint meeting on application testing
Mr Fenn presented the report from this joint meeting that took place on Wednesday morning.

He explained that the main problem during the meeting was the communication between T1 and T2 delegates, but this progressed during the meeting.

It was foreseen difficult to create a generic model for development of application platform testing. Most of the discussion was focussed on MExE, since MExE specification include a conformance table and most of the T2 delegates belonged to the MExE subgroup.

Mr Nielsen noted that T1 concern is that we have no way to guarantee the correct functionality of the terminal after foreign applications have been downloaded in the terminal. Reading from the report he get the impression that the understanding between T1 and T2 was very poor.

Mr George agreed to prepare a draft work item for MExE testing that will be circulated in both T1 and T2 reflector for comments. The first item in the work item will be a feasibility study. Based on the supporting companies and in the feedback received it will be decided if the work will be done under T1 or T2. The draft work item was later presented at the T1 meeting as **T1-010545** (see below).

The way forward will depend on the response from the draft work item. No future joint meeting were planned for the moment.

Mr Schulze (Mannesmann) suggested to forward our concerns about the progress in this area to T or SA levels. It was agreed to mention this in the T1 report to T and try to have some discussion there.

Mr Mattisson (Ericsson) said that we shall make clear that our testing will be based in the core specification.

The document was noted.

T1-010545: Draft work item for MExE testing
This document has been presented also in T2 and the intention is to present it to T. It is send for information at this moment. It will be sent to the reflector for comments.

The document was noted.

7.7   T2 Status

T1-010544: Report on UE functionality split
Mr George presented the report. He explained that for T1 then the issue is whether the TE play any part in the signalling process or affect the compliance of the MT to the conformance test specification. The conclusion was that the TE cannot be allowed to control the signalling of the MT other than through the defined AT command set. Furthermore that any direct control such as S.I.P., shall not be possible up to and including release 5. The issue will be further considered in release 6.

Mr Nielsen said that the split shall have well defined interfaces, so that we are allowed to type approved. There are also security issues if the functionality is split between several physical devices.

Mr Nielsen noted that at the moment we cannot do much from the testing point of view. We have to get interfaces to be specified.

The document was noted.

T1-010386: LS Response on UE Split Testability T1 Chairman's input
In this LS, T2 informs that the document sent by Mr Nielsen to T2 was noted but there was not enough time for a complete answer to it.
The LS was noted.

7.8   Presentation of status from GCF

T1-010401: GCF Workshop and proposed Roadmap
Mr   Brown (Hutchison 3G) presented the document. He explained that the main issues discussed were:

-    Management of the project

- Interest Groups
- Roadmap of 3GCF test cases
- How to get new test cases mandatory in GCF
- Next Steps

For the management of the project it was decided to create a team from volunteers within GCF. There is an initiative to create this management team but it does not actually happened yet. R&S asked when the call for experts will have place. Mr Brown said that it was expected for the meeting in September but it didn't happened.

Ericsson and Nortel noted that other groups different to operators should input to the roadmap. Mr Schulze (Mannesmann) clarified that operators will make a proposal on test case priority and manufacturers shall come with another one. At the end of the day the final prioritisation list will be agreed by all parties.

Mr Nakagomi (NTT DoCoMo) asked for clarification on the type of test that will be included in GCF. Mr Schulze (Mannesmann) clarified that this will include conformance testing, interoperability testing and field trial.

Mr Nakagomi also asked:
- What can CFG do for T1? GCF can give guideline to T1 on the prioritisation of test cases.
- What can T1 do for GCF? T1 is developing the test that are used by GCF
- Difference between NVIOT and GCF? NVIOT is focused in interoperability testing that take place in advance of certification. NVIOT does not need the full TTCN description because it is not running the tests in test equipment, but in real networks. GCF tests in the product, NVIOT tests the technology (independently on the product where it is implemented). The NVIOT is developing a catalogue of tests that will be performed between pairs of UE manufacturers and network infrastructure manufacturers.

Based on Mr Brown's confirmation that GCF will use the TTCN, Mr Nielsen recommended that GCF shall be looking into the resources and work plan for TTCN development.

It was clarified that this roadmap has been discussed in Tcert task force.

As the intention is to input to T1 the priority lists generated by GCF, Mr Nielsen noted that it would be good if the timetable for the delivery of tranches is 'synchronised' with T1 meetings so that we get the inputs before our meetings.

The report was noted.

7.9   Presentation of status from IOT forum

T1-010531: Status report of NVIOT/6
Mr Simmons (Nortel) presented the document. He mentioned that the scope of NVIOT/6 has now been reduced to UMTS issues due to the creation of another group for GSM issues.

The main decisions and progress since the last T1 meeting:

?? to base the work on 34.123-1 and -2, 51.010-1 (for interworking tests with GSM) and 34.108. (September 2001 versions). Relevant test cases will be modified to adapt them to IOT requirements. After CRs approved by T, the changes will be included in the IOT tests. The establishment of this process is expected by first quarter of 2002.

?? Any requirements for new test cases should first be submitted to T1.

Mr Guillot (France Telecom) asked if the IOT will use the RF test specification. Mr Simmons (Nortel) answered that for the moment it has not been identified the need for these test cases.

Mr Nakagomi (NTT DoCoMo) was interested on how NVIOT will use the T1 specification, since they are designed to be used with a terminal and a system simulator. Mr Simmons said that it seems that they do not need a big modification for those identified as relevant for IOT testing.

7.10   Presentation of status from Tcert

T1-010532: Status report on TCERT
Mr Brown (Hutchison 3G) presented the document that contains an introductory presentation on activities of Tcert.

Tcert is a task forced established within the GSMA to perform a project management activity for operators (Tcert does not perform technical work). Tcert role is to examine the minimum operator requirements related to the certification of terminals and helping ensure an effective testing regime.

Mr Nielsen noted that there seems to be several groups related to each other and we should identify one single group to liaise with.

The document was noted.

7.11   Status of 34.109

T1-010488: LS to RAN2 on CR to 34.109
Mr Mattisson presented the LS that includes two CRs (R99 and Rel-4 versions) for RAN2. This have been agreed by the joint meeting Sig and RF. Attached to the LS are **T1-010537** and **T1-010538**.

The LS was agreed.

8 Status reports

8.1 GERAN4/GERAN5 status report

Mrs Salmerón presented **T1-010405** that contains a slide presentation on activities in GERAN4 and GERAN5. The detailed reports from the last GERAN4 and GERAN5 meetings can be found in **T1-010403** and **T1-010404** for information.

The main points in the presentation was the split of responsibility between GERAN4 and GERAN5 and the split of 51.010-1 sections between GERAN4 and GERAN5.

The documents were noted.

T1-010396: PRD T1-07: Handling of common issues between GERAN WG5 and T WG1 revision 1
Mrs Salmerón presented the document as result of an action point from the last meeting. The document contains some updates to the existing tables and two additional tables for cross reference of inter-system handover test and common environment.

The document was agreed.

At this point, Mr John (Motorola) gave an update in intersystem handover: the prose have been finalised for GERAN to UTRAN and UTRAN to GERAN. A work item has been agreed for creation of TTCN for the GERAN to UTRAN scenarios.

Nokia noted the lack of input to the intersystem handover test for lower layers in GERAN4.

8.2 TSG-T1/Sig status report

T1-010485 contains the report of the signalling subgroup and it was presented by Dan Fox. The full report can be found in **T1-010484**.

A set of CRs for TDD mode are presented directly to T1 for approval due to lack of time during T1/Sig. These documents were revised during a small ad-hoc on Thursday. The CRs related to TDD were agreed (see below for numbers allocated).

Issues for discussion during the T1 meeting:

- *Rules for handling addition of Radio Bearers to the reference set:* There was a proposal from Nortel/BT and Hutchison for resolution in **T1-010546**. Basically, it is proposed that the proposer of a new bearer shall publish the relevant CR on the T1 reflector and forwarded to all interested operators with a cut off date allowing a minimum of 28 days for feedback. After consensus is reached (at least 4 T1 delegate operators

support the RAB), the CR is forwarded to T1/Sig, that will approve the CR in principle and will liaise with RAN1 and RAN2 for checking/verification. The CR will be modified accordingly with the comments received and forwarded to T1/Sig, T1 and T for approval. The document was noted.

Mr Nakagomi (NTT DoCoMo) informed that some time ago, some rules on how to add RAB were agreed in T1S-010066. He also thinks that instead of 4 operators, the support of 10 operators should be needed. This number was saw as not practical, since we do not have 10 operators attending our meetings.

Mr Guillot (France Telecom) did not support the proposal made by Nortel/BT for the two following reasons:
  - 4 operators within T1 may not be the most representative people to decide whether a new RAB could be included in the specification. Some operator groups could be consulted as a guidance to T1.

  - The UE manufacturer should have the opportunity to present new RAB for inclusion in the spec.

Mr Fox (Anritsu) also thinks that not only operators should be concerned with the inclusion of new RAB. This was supported by Nokia - UE manufacturers must be able to introduce new RABs. Siemens pointed out that following this procedure for TDD it will be very difficult to get 4 operators.

At this point, Mr Fox clarified that the fact that a RAB is included in TS 34.108 does not mean that the RAB will have to be used for testing in all UEs. Therefore the addition of new RAB does not mean a really big effort for testing. The RABs were split into two groups: interoperability RAB (those that are going to used by operators) and RAB for testing purposes (needed for individual tests).

The chairman and Vodafone had the opinion that RAN should be the group deciding the new RABs to be included. Nortel and Anritsu did not agree with this.

The discussion was postponed until after the break but after this, no conclusion was reached on the number of supporters. It was clarified that other parties different to operators can propose RAB but they have to be also supported by the operators - the reason for that is that operator are the people running the networks and are the ones qualified to tell us if a RAB shall be tested or not.

As no conclusion was reached during the meeting, it was planned to have a conference call.

AP13.4: T1 to have a conference call to solve the issue of procedure for inclusion of new RAB.

Hutchitson suggested to sent the LSs that have been prepared even if no conclusion has been reached in order to get comment from RAN on the parameters used in the proposed RAB, but clearly stating that these RAB have not been agreed yet.

T1-010534: LS to RAN1, RAN2 on request the verification of parameters for a proposed RAB in T1
The proposed LS was slightly revised in **T1-010554** and agreed.

T1-010533: LS to seek advice on proposed RABs (PS Domain) to be included in Rel-5 of TS 34.108 to support conversational class traffic
This LS is related to the discussion on the addition of new RAB. The LS was revised in **T1-010552** to put it in the format of the agreed template and agreed.

?? *Configuration Management Problem*: This problem appears when different verification teams perform changes to the TTCN in parallel. The manual inclusion of this changes by ETSI represents a big amount of work and there is a high risk of breaking working test cases. Without a configuration management tool, changes have to be included sequentially by the teams what makes it very a slow process. With a proper management tool, the verification teams can carry out most of the merges and T1/Sig will focus only in resolving conflicts.

R&S questioned if we really need to go down to merging .mp files. From their point of view this can be done by sending CRs to ETSI and then ETSI decide what to include in the TTCN. Mr Fox thinks that that solution is not practical because at the end ETSI will end with a big amount of changes to implement manually. The use of the management tool does not prevent anyone to present 'normal' CRs.

Discussion took place on whether the changes are provided as .mp file or as normal CRs. Mr Hu thinks that the realistic way to do it is to have a semi-automatic implementation plus a manual implementation.

Four options for Configuration Management were proposed. The fastest way is that all parties and ETSI agree to use a single tool. It was noted that t he most popular tool within T1/Sig was ClearCase but ETSI does not use any CM tool. Mr Hu noted that he will prefer to use option 2 or 4.

It was noted that the solution selected shall easy the task but T1 cannot really decide on the way forward.

As no conclusion was reached during the meeting, it was decided to have this discussion on the e-mail reflector. Mr Fox suggested to ETSI to put a proposal on the reflector on how to handle the CR to the TTCN.

AP13.5: ETSI to send proposal to the reflector on how to handle CRs to TTCN.

?? **34.108**

The main issues discussed:

- Changes to fix errors
- Introduction of RF conditions for signalling test cases
- Introduction of signalling for RF test cases
- Update of TDD content

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

Spec	CR	Release	Subject	Cat	Version Current	Version-New	Doc-2nd-Level	Workitem
34.108	064	R99	Correction to 6.1 Contents of System Information Blocks	F	3.5.0	3.6.0	T1-010456	
34.108	065	Rel-4	Correction to 6.1 Contents of System Information Blocks	A	4.0.0	4.1.0	T1-010457	TEI
34.108	066	R99	Corrections to clause 6.1, 7.4 and 9	F	3.5.0	3.6.0	T1-010458	
34.108	067	Rel-4	Corrections to clause 6.1, 7.4 and 9	A	4.0.0	4.1.0	T1-010459	TEI
34.108	068	R99	Reference Radio Conditions	F	3.5.0	3.6.0	T1-010460	
34.108	069	Rel-4	Reference Radio Conditions	A	4.0.0	4.1.0	T1-010461	TEI
34.108	070	R99	Modification of Test procedures for RF tests	F	3.5.0	3.6.0	T1-010462	
34.108	071	Rel-4	Modification of Test procedures for RF tests	A	4.0.0	4.1.0	T1-010463	TEI
34.108	072	R99	Default message contents for RF tests	F	3.5.0	3.6.0	T1-010464	
34.108	073	Rel-4	Default message contents for RF tests	A	4.0.0	4.1.0	T1-010465	TEI
34.108	074	R99	Correction to 6.10 Reference Radio Bearer configurations	F	3.5.0	3.6.0	T1-010466	
34.108	075	Rel-4	Correction to 6.10 Reference Radio Bearer configurations	A	4.0.0	4.1.0	T1-010467	TEI
34.108	076	R99	Definition of default value of rate matching attribute	F	3.5.0	3.6.0	T1-010468	
34.108	077	Rel-4	Definition of default value of rate matching attribute	A	4.0.0	4.1.0	T1-010469	TEI
34.108	078	R99	Update of clause 7.4 and 6.10	F	3.5.0	3.6.0	T1-010470	
34.108	079	Rel-4	Update of clause 7.4 and 6.10	A	4.0.0	4.1.0	T1-010471	TEI

?? **34.123-1**

The main issues discussed:

- Changes to fix errors
- Introduction of new test cases
- Introduction of combined RLC, RDCP test Radio Bearer
- Update of TDD content

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

Spec	CR	Release	Subject	Cat	Version Current	Version New	Doc-2nd-Level	Work item	Releases affected
34.123-1	113	Rel-4	Clause 7.3: PDCP testing: additional configuration information	F	4.0.0	4.1.0	T1-010406	TEI	R99, Rel-4
34.123-1	114	Rel-4	Clause 7.4: BMC testing: update for BMC testing	F	4.0.0	4.1.0	T1-010407	TEI	R99, Rel-4

34.123-1	115	Rel-4	Clause 7.2: Update of UM and AM RLC test cases	F	4.0.0	4.1.0	T1-010408	TEI	R99, Rel-4
34.123-1	116	Rel-4	Idle mode tests (34.123-1)	F	4.0.0	4.1.0	T1-010409	TEI	R99, Rel-4
34.123-1	117	Rel-4	Removal of TBD Power Levels in section 6	F	4.0.0	4.1.0	T1-010410	TEI	R99, Rel-4
34.123-1	118	Rel-4	Idle Mode Test Parameters for Multi-mode environment (2G/3G) TDD	F	4.0.0	4.1.0	T1-010411	TEI	R99, Rel-4
34.123-1	119	Rel-4	Traffic Volume Measurement test cases (34.123-1 section 8.4)	F	4.0.0	4.1.0	T1-010412	TEI	R99, Rel-4
34.123-1	120	Rel-4	New interRAT test cases	F	4.0.0	4.1.0	T1-010413	TEI	R99, Rel-4
34.123-1	121	Rel-4	Corrections to Annex A	F	4.0.0	4.1.0	T1-010414	TEI	R99, Rel-4
34.123-1	122	Rel-4	Clause 12 Packet Switched Mobility Management	F	4.0.0	4.1.0	T1-010415	TEI	R99, Rel-4
34.123-1	123	Rel-4	Update to GMM test cases	F	4.0.0	4.1.0	T1-010416	TEI	R99, Rel-4
34.123-1	124	Rel-4	Update of interoperbility radio bearer test cases for FDD.	F	4.0.0	4.1.0	T1-010417	TEI	R99, Rel-4
34.123-1	125	Rel-4	Update to SMS test specification	F	4.0.0	4.1.0	T1-010418	TEI	R99, Rel-4
34.123-1	126	Rel-4	Corrections to RRC test cases	F	4.0.0	4.1.0	T1-010419	TEI	R99, Rel-4
34.123-1	127	Rel-4	RRC Connection Management Procedure Tests for the TDD options	F	4.0.0	4.1.0	T1-010420	TEI	R99, Rel-4
34.123-1	128	Rel-4	Annex A Default RRC Message Contents for 1.28Mcps TDD Mode	F	4.0.0	4.1.0	T1-010421	LCRT DD	Rel-4
34.123-1	129	Rel-4	Radio Bearer Tests for 1.28 Mcps TDD Mode	F	4.0.0	4.1.0	T1-010422	LCRT DD	Rel-4

?? **34.123-2**

The main issues discussed:

- Introduction of new test cases
- Improved TDD coverage
- Introduction of LCR TDD

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

Spec	CR	Release	Subject	Cat	VersionCurrent	Version New	Doc-2nd-Level	Work item	Releases affected
34.123-2	035	Rel-4	Updated applicability for PDCP testing	F	4.0.0	4.1.0	T1-010436	TEI	R99, Rel-4
34.123-2	036	Rel-4	Applicability test for Idle mode (section 6.1.2.7 and 6.2) TDD	F	4.0.0	4.1.0	T1-010437	TEI	R99, Rel-4
34.123-2	037	Rel-4	ICS/IXIT for traffic volume measurement test cases (34.123-2)	F	4.0.0	4.1.0	T1-010438	TEI	R99, Rel-4
34.123-2	038	Rel-4	Applicability of the new interRAT test cases.	F	4.0.0	4.1.0	T1-010439	TEI	R99, Rel-4
34.123-2	039	Rel-4	Update to GMM test cases	F	4.0.0	4.1.0	T1-010440	TEI	R99, Rel-4
34.123-2	040	Rel-4	Update of applicability of interoperability radio bearer test cases for FDD.	F	4.0.0	4.1.0	T1-010441	TEI	R99, Rel-4
34.123-2	041	Rel-4	Update of RRC test case applicability	F	4.0.0	4.1.0	T1-010442	TEI	R99, Rel-4
34.123-2	042	Rel-4	Inclusion of Baseline Implementation Capabilities for 1.28 Mcps TDD	F	4.0.0	4.1.0	T1-010443	LCRT DD	Rel-4
34.123-2	043	Rel-4	Applicability test for RRC section (TDD)	F	4.0.0	4.1.0	T1-010444	TEI	R99, Rel-4
34.123-2	044	Rel-4	Inclusion of Radio Bearer Applicability, Conditions and Capabilities for testing of 1.28 Mcps TDD	F	4.0.0	4.1.0	T1-010445	LCRT DD	Rel-4

?? **34.123-3**

T1-010539: Nov 2001 report on MCC Task 160 and TTCN verification database
Mr Hu presented the document. The main issues in the report were:

- Funding:
    - Request of 58 mm/year approved by OP for 2002 and 2003
    - Encourage voluntary contributions -> CL2115 (**T1-010391**)
    - ToR of task 160 to be updated
    - New contracts will be done in December
- Progress on ATS:
    - V106 delivered, based on R99 June 01. Verification possible in 314 test cases. It was noted that some of the delivered test cases are not marked as 'green for verification' because some outstanding issues outside ETSI are not yet finished, e.g. test method do not agreed by T1.
    - V110 to be delivered end Nov. Inclusion of inter RAT test cases UTRAN to GERAN.
- Plan to have all the FDD test cases for R99 June 01 by February 2002. Mr Fox clarified that at the next T1 meeting we will start catching up with the core specifications after June 01 if we have reached our goal.
- TTCN verification database:
    - Now running
    - Susanna.Kooistra@etsi.fr nominated co-ordinator (any comment, suggestion on the verification database shall be sent to her)
    - Database split between test cases and test steps (not linked yet)
    - Actual verification level is software visual inspection
    - V106 already includes results from verification of V105

It was noted that we expect to approve our first TTCN test at the next meeting.

The report was noted.

At this point, a document from Nortel proposing to have an ad-hoc on test case prioritisation was presented.

T1-010553: Ad-hoc meeting on test case prioritisation protocol
Mr Simmons (Nortel) presented the document. The prime objective of the meeting would be to reach a common understanding of the global procedure to agree the priority list of test cases. It is proposed to have a one day meeting sometime in January.

Mr Nielsen recommended to have a face to face meeting rather than electronic.

Although DoCoMo expressed some concern with having meeting with external groups. The initiative was supported by Anritsu, Mannesmann, Telecom Italia. Mr Nielsen noted that any input from the industry will be welcomed to help us to decide priorities when implementing test cases in TTCN.

It was clarified that the result from this meeting will not be necessarily a 'T1 priority list'. It will be an input to T1 to be considered by T1.

> AP13.5: Mrs Salmeron to look for meeting room for 50 people in January for one day meeting. Send e-mail with proposed dates (better end of January)

Mr Nielsen will chair the meeting if no-one else is available.

The document was noted.

T1-010540: Update of Terms of Reference of task 160
Mr Hu proposed this update of the ToR mainly to include the information about 2002 and 2003.

It was questioned if the expected output date for TTCN for Rel-4 as December 2002 was right but for the moment it was left as it is.

The ToR were agreed and will be forwarded to T.

?? **Outgoing LS**

T1-010542: LS on definition of an "off" cell in signalling test cases
T1 is proposing a value of power level for an 'off' cell and asks RAN4 for confirmation.
The LS was agreed.

T1-010541: LS to T2 on response to LS on SMS testing
T1 informs T2 that we have corrected our specifications according to their proposal. The LS was revised into **T1-010551** (wrong T2 LS number) and agreed.

?? **Incoming LS**

T1-010390: LS from RAN2 on UE protocol version (R2-012402)
RAN2 is asking T1 to confirm RAN2 understanding on how T1 handle versions of test cases in 34.123 and is proposing to modify the existing IE "ICS version" by replacing it with two separate IEs:
- Protocol Release Indicator (PRI): indicating the release of the protocol supported by the UE e.g. R99, REL-4
- Conformance Specification Version (CSV): indicating the version of the tests against which the UE has been tested. This relates to the version of the conformance test specifications (values to be specified in a table in 34.123-2)

Some discussion took place on how to interpret the LS. With the aim of clarifying the LS, Ericsson presented **T1-010550** (see below).

The LS was noted.

T1-010550: Clarification of purpose of signalling of Conformance Specification Version

Mr Mattisson (Ericsson) presented the document. Their conclusion on the LS in T1-010390 is that by having the UE signalling the UE capabilities, PRI and CSV the UE will give the network an indication of the applicable test cases at the time the UE performed conformance testing. The network may use this indicator to select alternative configurations when establishing connections/services to minimise interoperability problems.

Mr Nakagomi (NTT DoCoMo) was concerned about the fact that T1 specifications objective is to check conformance but RAN2 is trying to use our specifications for another objective. Mr Nielsen agreed with his concern. It would be better if the signalling does not refer to any test.

Mr Fox (Anritsu) noted that it is more complex that just indicating a version number because the test case applicability depends on other parameters, so having just the information of the version number does not give information on the test cases that have been run.

The document was noted.

T1-010543: LS from GERAN on Reply on UE protocol version
Mrs Salmerón presented the LS stating GERAN's opinion on the LS from RAN2. Basically, GERAN does not see any advantages of introducing a conformance specification version (CSV). The LS was noted.

After some discussion, T1 did not feel confident enough to propose a solution (difficult to understand what the problem is). Mr Mattisson (Ericsson) noted that RAN2 is also asking us to confirm if their understanding of the version handling is right. This will be done in a LS by Mr Mattisson and send to the e-mail reflector for approval. Further answer to this LS will be discussed in a conference call with RAN2.

AP13.6: Mr Mattisson to prepare LS answering RAN2 on their understanding of version handling in T1 and send it to the reflector for approval.

AP13.7: T1 to organize conference call with RAN2 in order to clarify the LS on UE protocol version.

?? **Future meetings**

Host are needed for the subgroups meeting. It will be considered if the 'North America Friend of 3GPP' could host one of these meetings.

The date for the T1/Sig meeting in April was not decided. This will be treated on the e-mail reflector. It was also noted that for the moment the subgroups are planned to have three days meeting.

8.3 TSG-T1/RF status report

Mr Yonekura presented the report from the T1/RF subgroup included in document **T1-010525**.

The main issues discussed:

?? *RRM tests*: set up procedures, messages and specific parameters defined for some tests.
?? *Maintenance of R99 specs*: Definition of test procedure for Rx spurious emission test. Power definition being discussed by RAN4 what may affect the test specs.
?? *Total test time optimisation*: Method for BER/BLER measurement agreed and 3 CRs agreed. The number of bits/errors to be testes is FFS.

?? **34.121**

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

Spec	CR	Rev	Phase	Subject	Cat	Version Current	Version-New	Doc-2nd-Level
34.121	111		R99	Improvement of test description: CPICH RSCP test case	F	3.6.0	3.7.0	T1-010489
34.121	112		R99	Improvement of test description: CPICH Ec/Io test case	F	3.6.0	3.7.0	T1-010490
34.121	113		R99	UTRA Carrier RSSI test case	F	3.6.0	3.7.0	T1-010491
34.121	114		R99	Corrections and improvements for TS 34.121 subclauses 5, 6 and Annex E	F	3.6.0	3.7.0	T1-010492
34.121	115		R99	Clarification of test requirements for Transmit ON/OFF time mask	F	3.6.0	3.7.0	T1-010493
34.121	116		R99	Clarification of procedure for Out-of-synchronisation handling of output power	F	3.6.0	3.7.0	T1-010494
34.121	117		R99	UE Rx-Tx time difference type 1	F	3.6.0	3.7.0	T1-010495
34.121	118		R99	UE Transmit Timing	F	3.6.0	3.7.0	T1-010496
34.121	119		R99	Changes to blocking characteristics and spurious response test cases	F	3.6.0	3.7.0	T1-010497
34.121	120		R99	Clarification in Spectrum emission mask section	F	3.6.0	3.7.0	T1-010498
34.121	121		R99	DL Power Control Step Size in performance requirements	F	3.6.0	3.7.0	T1-010499
34.121	122		R99	DL Compressed mode, correction of pattern	F	3.6.0	3.7.0	T1-010500
34.121	123		R99	BER/BLER testing based on statistical approach	F	3.6.0	3.7.0	T1-010517
34.121	124		R99	Deletion of OFF power measurement on "Power setting in uplink compressed mode" Test	F	3.6.0	3.7.0	T1-010520
34.121	125		R99	Cell reselection delay tests in idle mode	F	3.6.0	3.7.0	T1-010521
34.121	126		R99	CR for Transmit OFF power measurement	F	3.6.0	3.7.0	T1-010522

T1-010522 is conditionally agreed subject to confirm that there is no conflict with European standards. Due date: 7 December. This will be confirmed on the e-mail reflector.

Status of completeness:

	Last meeting	Now
Transmitter	100%	100%
Receiver	95%	100%
Performance	95%	95%
Support of RRM (*)	20%	30%
Annex	100%	100%

(*) It was noted that the RRM core specification has increased its contents.

Outstanding issues:

?? *Total Test Time*: Test time of existing tests to be estimated.

?? *RRM tests*: More contributions are required.

?? *Power definition*: This may impact measurement method.

?? *Definition of System simulator*: Clarification needed.

?? How to introduce UMTS 1800/1900 (release independent) into the test specifications?

?? **34.122**

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

Spec	CR	Rev	Phase	Subject	Cat	VersionCurrent	Version-New	Doc-2nd-Level	Workitem
34.122	052		R99	Clarification of AWGN definition	F	3.5.0	3.6.0	T1-010502	
34.122	053		R99	RX spurious emissions	F	3.5.0	3.6.0	T1-010503	
34.122	054		R99	Correction of Spurious emissions	F	3.5.0	3.6.0	T1-010504	
34.122	055		R99	Power and ACLR definition corrections	F	3.5.0	3.6.0	T1-010507	
34.122	056		R99	Out of synchronisation handling	F	3.5.0	3.6.0	T1-010509	
34.122	057		R99	Clarification in Spectrum emission mask section	F	3.5.0	3.6.0	T1-010511	
34.122	058		R99	Changes to blocking characteristics and spurious response test cases	F	3.5.0	3.6.0	T1-010513	
34.122	059		R99	maximum output power for mulicode transimission	F	3.5.0	3.6.0	T1-010515	
34.122	060		R99	BER/BLER testing based on statistical approach	F	3.5.0	3.6.0	T1-010518	
34.122	061		Rel-4	Clarification of AWGN definition	A	4.1.0	4.2.0	T1-010501	TEI
34.122	062		Rel-4	RX spurious emissions	A	4.1.0	4.2.0	T1-010504	TEI
34.122	063		Rel-4	Correction of Spurious emissions	A	4.1.0	4.2.0	T1-010506	TEI
34.122	064		Rel-4	Power and ACLR definition corrections	A	4.1.0	4.2.0	T1-010508	TEI
34.122	065		Rel-4	Out of synchronisation handling	A	4.1.0	4.2.0	T1-010510	TEI
34.122	066		Rel-4	Clarification in Spectrum emission mask section	A	4.1.0	4.2.0	T1-010512	TEI
34.122	067		Rel-4	Changes to blocking characteristics and spurious response test cases	A	4.1.0	4.2.0	T1-010514	TEI
34.122	068		Rel-4	maximum output power for mulicode transimission	A	4.1.0	4.2.0	T1-010516	TEI
34.122	069		Rel-4	BER/BLER testing based on statistical approach	A	4.1.0	4.2.0	T1-010519	TEI

Status of completeness for R99:

	Last meeting	Now
Transmitter	95%	95%
Receiver	95%	100%
Performance	95%	95%
Support of RRM	0%	0%
Annex	90%	100%

Outstanding issues:

- ?? No CRs on low chip rate TDD
- ?? Total test time: as for FDD
- ?? RRM work to be started bases on FDD work

?? **LS**

T1-010527: LS from T1/RF to RAN4 on proposed corrections to TS 25.133
This LS is sent to T1 for information. T1/RF ask RAN4 to correct some editorial errors that they have detected in a CR already agreed by RAN4.
The LS was noted.

The report was noted.

9   Status of 34.910

There is action point on Mr Nielsen to make a proposal on the new format for this document that will include any input we receive.

T1-010402: Report on current regulatory activity
Mr Brown (Hutchison 3G) presented this document The aim of this report is to provide the background to the current status of the regulatory requirements as they apply to the relevant UMTS technology, to identify the likely developments and make recommendations.

Mr Brown said that he has identified some gaps in the TSs that are listed in section 24.

Mr Nielsen noted that we need to get more people involved in the regulatory discussions. Mr Brown asked delegates to read the document after the meeting and to provide any inputs on the matter.

The document was noted.

10 Postponed issues

T1-010548: PRD T1-01 revision 2: Guidelines for a paperless meeting
Mr Schulze (Mannesmann) proposed this revision of the PRD to clearly state that documents shall be available at least one week (5 working days) before the meeting, in order to allow time for companies to review input documents before the meeting.

The document was revised to delete the references to EMC subgroup and to indicate that documents shall be send to the relevant e-mail exploder list. The document will be revised in **T1-010555** and will be approved on the e-mail reflector.

AP13.8: Mr Schulze to send T1-010555 (PRD T1-01 revision 2) for approval on the e-mail reflector.

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

None.

12 Any other business

None.

13 Closing of the meeting

Mr Nielsen thanked the host and closed the meeting at 14.10 on Friday.

Annex A. List of participants.

NAME	ORGANIZATION REPRESENTED	STATUS, PARTNER	COUNTRY	PHONE	E-MAIL
Member of 3GPP (ARIB)					
Mr. Masuhisa Fujimura	SONY Corporation	3GPPMEMBER (ARIB)	JP	+81 3 5782 5199	fujimura@wtlab.sony.co.jp
Mr. Seiji Hagiwara	NTT DoCoMo Inc.	3GPPMEMBER (ARIB)	JP	+81 468 40 3100	hagisei@mlab.yrp.nttdocomo.co.jp
Mr. Kenji Higuchi	ADVANTEST Corporation	3GPPMEMBER (ARIB)	JP	+81 276 70 3363	higuchi@gytmi.advantest.co.jp
Mr. Weng Chye Lee	Matsushita Communication	3GPPMEMBER (ARIB)	SG	+65 550 5312	wclee@psl.com.sg
Mr. Hisashi Nakagomi	NTT DoCoMo Inc.	3GPPMEMBER (ARIB)	JP	+81 468 40 3100	hisashi@cet.yrp.nttdocomo.co.jp
Mr. Yoichi Shimokawara	SONY Corporation	3GPPMEMBER (ARIB)	JP	+81 3 5782 5199	shimo@wtlab.sony.co.jp
Mr. Akira Tsukamoto	DENSO CORPORATION	3GPPMEMBER (ARIB)	JP	+81 566 61 3653	a_tuka@hcom.denso.co.jp
Dr. Jun Yamada	Hitachi Ltd	3GPPMEMBER (ARIB)	JP	+81 3 5201 5070	yamada-jun@sic.hitachi.co.jp
Mr. Kunitoshi Yonekura	Fujitsu Limited	3GPPMEMBER (ARIB)	JP	+81 44 754 3865	yonekura@jp.fujitsu.com
Member of 3GPP (ETSI)					
Mr. David Anderson	TELELOGIC AB	3GPPMEMBER (ETSI)	SE	+46 40 174700	david.anderson@telelogic.com
Mr. Serafin Arroyo	SIEMENS AG	3GPPMEMBER (ETSI)	AT	+43 5 1707 35909	serafin.arroyo@siemens.at
Mr. Claude Arzelier	VODAFONE Group Plc	3GPPMEMBER (ETSI)	GB	+44 1635 67 3573	claude.arzelier@vf.vodafone.co.uk
Mr. Timothy Axness	INTERDIGITAL COMMUNICATION	3GPPMEMBER (ETSI)	US	+1 610-878-5646	tim.axness@interdigital.com
Mr. Phillip Brown	Hutchison 3G UK	3GPPMEMBER (ETSI)	GB	+44 7799 628410	phillip.brown@hutchison3g.com

	Limited				
Mr. Thomas Eyring	ROHDE & SCHWARZ	3GPPMEMBER (ETSI)	DE	+49 89 41 29 18 25	thomas.eyring@rsd.rohde-schwarz.com
Mrs. Giulia Felicetti	TELECOM ITALIA S.p.A.	3GPPMEMBER (ETSI)	IT	+39 06 3900 9148	gfelicetti@mail.tim.it
Mr. John B Fenn	SAMSUNG Electronics	3GPPMEMBER (ETSI)	GB	+44 1784 428 600	johnbfenn@aol.com
Mr. Charles Filiatrault	NORTEL NETWORKS (EUROPE)	3GPPMEMBER (ETSI)	FR	+33 1 39 30 85 52	chfiliat@nortelnetworks.com
Mr. Daniel Fox	ANRITSU LTD	3GPPMEMBER (ETSI)	GB	+44 1582 433 200	dan.fox@eu.anritsu.com
Mr. Peter George	ANRITSU LTD	3GPPMEMBER (ETSI)	GB	+44 1438 740011	Peter.George@eu.anritsu.com
Mr. David Greiner	INTERDIGITAL COMMUNICATION	3GPPMEMBER (ETSI)	US	+1 631 622 4057	david.greiner@interdigital.com
Miss Hellen Griffiths	Anite Telecoms Ltd.	3GPPMEMBER (ETSI)	GB	+44 1252 775 200	hellen.griffiths@anitetelecoms.com
Mr. Edgar Guillot	France Telecom	3GPPMEMBER (ETSI)	FR	+33 2 96 05 78 55	edgar.guillot@rd.francetelecom.com
Mr. Jens Henrik Jensen	ERICSSON L.M.	3GPPMEMBER (ETSI)	DK	+45 33884351	jens.h.jensen@ericsson.dk
Mr. Matthias Klusmann	Lucent Technologies	3GPPMEMBER (ETSI)	DE	+49 911 526 - 3341	klusmann@lucent.com
Mr. Joseph Kowalski	MOTOROLA A/S	3GPPMEMBER (ETSI)	DK	+847-523-6202	wjk008@email.mot.com
Mr. Mats Larsson	TELELOGIC AB	3GPPMEMBER (ETSI)	SE	+46 40 174700	mats.larsson@telelogic.com
Mr. Stefanos Malachias	NOKIA UK Ltd	3GPPMEMBER (ETSI)	GB	+447748766544	Stefanos.Malachias@nokia.com
Mr. Peter Marten	Anite Telecoms Ltd.	3GPPMEMBER (ETSI)	GB	+441252775200	peter.marten@anitetelecoms.com
Mr. Leif Mattisson	ERICSSON L.M.	3GPPMEMBER (ETSI)	SE	+46 46 193365	Leif.mattisson@emp.ericsson.se
Mr. Thomas Maucksch	ROHDE & SCHWARZ	3GPPMEMBER (ETSI)	DE	+49 89 41 291 2124	thomas.maucksch@rsd.rohd-schwarz.c

Mr. Bjarke Nielsen	QUALCOMM EUROPE S.A.R.L.	3GPPMEMBER (ETSI)	DE	+49 89 74140806	bnielsen@qualcomm.com
Mrs. Debbie Richardson	NOKIA UK Ltd	3GPPMEMBER (ETSI)	GB	+44 1252 866 000	debbie.richardson@nokia.com
Dr. Andreas Riemann	TDK ELECTRONICS IRELAND Ltd	3GPPMEMBER (ETSI)	IE	+353 1 4133 200	riemann@tdk.de
Mr. Juha Savolainen	NOKIA Corporation	3GPPMEMBER (ETSI)	FI	+358 50 553 8373	juha.t.savolainen@nokia.com
Mr. Hans-Joachim Schulze	MANNESMANN Mobilfunk GmbH	3GPPMEMBER (ETSI)	DE	+49 211 533 2240	Hajo.Schulze@d2vodafone.de
Mr. Paul Simmons	NORTEL NETWORKS (EUROPE)	3GPPMEMBER (ETSI)	FR	+33 1 39 44 55 95	simmonsp@nortelnetworks.com
Mr. Dimitris Skliris	MOTOROLA Ltd	3GPPMEMBER (ETSI)	GB	+44 1256 790 191	dimitris.skliris@motorola.com
Mr. Jorg Stolle	CETECOM GmbH	3GPPMEMBER (ETSI)	DE	+49 2054 9519924	Joerg.Stolle@Cetecom.de
Mr. Denis Susko	CETECOM GmbH	3GPPMEMBER (ETSI)	DE	+49 2054 9519947	denis.susko@cetecom.de
Organisation partner representative (ETSI)					
Mrs. Lidia Salmeron	Mobile Competence Centre		FR	+33 4 92 94 43 49	lidia.salmeron@etsi.fr

Annex B. List of documents

Tdoc	Title	Source	Revised	Status
T1-010242	Agenda T1#12	Chairman		agreed

Tdoc	Title	Source	Agenda	Revised	Status
T1-010382	Agenda T1#13	chairman			agreed
T1-010383	Draft report from T1#12	ETSI MCC	4		agreed
T1-010384	LS on UE behaviour when network fails Authentication procedure (N1-011253)	CN1	5		noted
T1-010385	LS on "Reply to LS on aborting of RRC connection during CN procedures" (N1-011333)	CN1	5		noted
T1-010386	LS Response on UE Split Testability T1 Chairman's input (T2-010822)	T2	5		noted
T1-010387	LS on SMS testing (T2-010844)	T2	5		noted
T1-010388	LS on PKCS#15 support for MExE in the USIM (T2-010692)	T2	5		noted
T1-010389	LS to RAN2 on UE positioning testing	T1	8c		noted
T1-010390	LS on UE protocol version (R2-012402)	R2	8b		noted
T1-010391	CL2115: Call for the TTCN voluntary contributions in 2002 for the MCC Task 160 in development and maintenance of ATSs/PIXIT for 3GPP UE R99 and Rel-4	ETSI MCC	8b		noted
T1-010392	T1 Terms of Reference	ETSI MCC	7c	547	revised
T1-010393	T1-06 revision 6	Peter George	7e		noted
T1-010394	T1 work item index	Peter George	7e	549	noted
T1-010395	Revised work plan	Peter George	7e		noted
T1-010396	T1-07 version 1: Handling of common issues between G5 and T1	ETSI MCC	8a		agreed
T1-010397	Draft report from T#13	ETSI MCC	4		noted
T1-010398	Draft report from SA#13	ETSI MCC	4		noted
T1-010399	Draft report from PCG #7	ETSI MCC	4		noted
T1-010400	Status report of e-mail approval	Nakagomi-san	5		noted
T1-010401	GCF Workshop and proposed Roadmap	Hutchison 3G	7h		noted
T1-010402	Report on current regulatory activity	Hutchison 3G	9		noted
T1-010403	Draft report from G4#6	ETSI MCC	8a		noted
T1-010404	Draft report from G5#1	ETSI MCC	8a		noted
T1-010405	Slides on G4 and G5 activities	ETSI MCC	8a		noted
T1-010406	CR on TS 34.123-1, clause 7.3: PDCP testing: additional configuration information	Sig subgroup	8b		agreed
T1-010407	CR on TS 34.123-1, clause 7.4: BMC testing: update for BMC testing	Sig subgroup	8b		agreed
T1-010408	CR to 34.123-1 clause 7.2: Update of UM and AM RLC test cases	Sig subgroup	8b		agreed
T1-010409	Idle mode tests (34.123-1)	Sig subgroup	8b		agreed
T1-010410	CR to TS34.123-1: Removal of TBD Power Levels in section 6	Sig subgroup	8b		agreed
T1-010411	CR to TS34.123-1: Idle Mode Test Parameters for Multi-mode environment (2G/3G) TDD	Sig subgroup	8b		agreed
T1-010412	Traffic Volume Measurement test cases (34.123-1 section 8.4)	Sig subgroup	8b		agreed
T1-010413	CR to 34.123-1, New interRAT test cases	Sig subgroup	8b		agreed
T1-010414	CR to TS 34.123-1 V4.0.0: Corrections to Annex A	Sig subgroup	8b		agreed
T1-010415	CR to clause 12 Packet Switched Mobility Management	Sig subgroup	8b		agreed
T1-010416	CR on TS34.123-1 V4.0.0: Update to GMM test cases	Sig subgroup	8b		agreed
T1-010417	CR to 34.123-1, 14; Update of interoperbility radio bearer test cases for FDD.	Sig subgroup	8b		agreed

T1-010418	Update to 34.123-1 SMS test specification	Sig subgroup	8b		agreed
T1-010419	CR to TS 34.123-1 V4.0.0: Corrections to RRC test cases	Sig subgroup	8b		agreed
T1-010420	Not used	Sig subgroup	8b		
T1-010421	Not used	Sig subgroup	8b		
T1-010422	Not used	Sig subgroup	8b		
T1-010423	Not used	Sig subgroup	8b		
T1-010424	Not used	Sig subgroup	8b		
T1-010425	Not used	Sig subgroup	8b		
T1-010426	Not used	Sig subgroup	8b		
T1-010427	Not used	Sig subgroup	8b		
T1-010428	Not used	Sig subgroup	8b		
T1-010429	Not used	Sig subgroup	8b		
T1-010430	Not used	Sig subgroup	8b		
T1-010431	Not used	Sig subgroup	8b		
T1-010432	Not used	Sig subgroup	8b		
T1-010433	Not used	Sig subgroup	8b		
T1-010434	Not used	Sig subgroup	8b		
T1-010435	Not used	Sig subgroup	8b		
T1-010436	CR on TS 34.123-2, updated applicability for PDCP testing	Sig subgroup	8b		agreed
T1-010437	CR to TS34.123-2: Aplicability test for Idle mode (section 6.1.2.7 and 6.2) TDD	Sig subgroup	8b		agreed
T1-010438	CR to 34.123-2 ICS/IXIT for traffic volume measurement test cases (34.123-2)	Sig subgroup	8b		agreed
T1-010439	CR to 34.123-2, Applicability of the new interRAT test cases.	Sig subgroup	8b		agreed
T1-010440	CR on TS34.123-2 V4.0.0: Update to GMM test cases	Sig subgroup	8b		agreed
T1-010441	CR to 34.123-2; Update of applicability of interoperbility radio bearer test cases for FDD.	Sig subgroup	8b		agreed
T1-010442	CR to TS 34.123-2 V4.0.0: Update of RRC test case applicability	Sig subgroup	8b		agreed
T1-010443	Not used	Sig subgroup	8b		
T1-010444	Not used	Sig subgroup	8b		
T1-010445	Not used	Sig subgroup	8b		
T1-010446	Not used	Sig subgroup	8b		
T1-010447	Not used	Sig subgroup	8b		
T1-010448	Not used	Sig subgroup	8b		
T1-010449	Not used	Sig subgroup	8b		
T1-010450	Not used	Sig subgroup	8b		
T1-010451	Not used	Sig subgroup	8b		
T1-010452	Not used	Sig subgroup	8b		
T1-010453	Not used	Sig subgroup	8b		
T1-010454	Not used	Sig subgroup	8b		
T1-010455	Not used	Sig subgroup	8b		
T1-010456	CR to 34.108 REL-99: Correction to 6.1 Contents of System Information Blocks	Sig subgroup	8b		agreed
T1-010457	CR to 34.108 REL-4: Correction to 6.1 Contents of System Information Blocks	Sig subgroup	8b		agreed
T1-010458	CR to TS 34.108 V3.5.0: Corrections to clause 6.1, 7.4 and 9	Sig subgroup	8b		agreed
T1-010459	CR to TS 34.108 V4.0.0: Corrections to clause 6.1, 7.4 and 9	Sig subgroup	8b		agreed
T1-010460	CR to TS 34.108 Reference Radio Conditions (34.108 Rel 1999)	Sig subgroup	8b		agreed
T1-010461	CR to TS 34.108 Reference Radio Conditions (34.108 Rel 4)	Sig subgroup	8b		agreed
T1-010462	CR to TS 34.108 Modification of Test procedures for RF tests in TS34.108	Sig subgroup	8b		agreed
T1-010463	CR to TS 34.108 Modification of Test procedures for RF tests in TS34.108 (R4)	Sig subgroup	8b		agreed
T1-010464	CR to 34.108 V3.5.0: Default message contents for RF tests	Sig subgroup	8b		agreed
T1-010465	CR to 34.108 V4.0.0: Default message contents for RF tests	Sig subgroup	8b		agreed
T1-010466	CR to 34.108 REL-99: Correction to 6.10 Reference Radio Bearer configurations	Sig subgroup	8b		agreed

T1-010467	CR to 34.108 REL-4: Correction to 6.10 Reference Radio Bearer configurations	Sig subgroup	8b		agreed
T1-010468	CR to 34.108 R99; Definition of default value of rate matching attribute	Sig subgroup	8b		agreed
T1-010469	CR to 34.108 REL-4; Definition of default value of rate matching attribute	Sig subgroup	8b		agreed
T1-010470	CR to TS 34.108: Update of clause 7.4 and 6.10 Rel99	Sig subgroup	8b		agreed
T1-010471	CR to TS 34.108: Update of clause 7.4 and 6.10 Rel4	Sig subgroup	8b		agreed
T1-010472	Not used	Sig subgroup	8b		
T1-010473	Not used	Sig subgroup	8b		
T1-010474	Not used	Sig subgroup	8b		
T1-010475	Not used	Sig subgroup	8b		
T1-010476	Not used	Sig subgroup	8b		
T1-010477	Not used	Sig subgroup	8b		
T1-010478	Not used	Sig subgroup	8b		
T1-010479	Not used	Sig subgroup	8b		
T1-010480	Not used	Sig subgroup	8b		
T1-010481	Not used	Sig subgroup	8b		
T1-010482	Not used	Sig subgroup	8b		
T1-010483	Not used	Sig subgroup	8b		
T1-010484	Not used	Sig subgroup	8b		
T1-010485	T1-SIG report for T1 #13 (T1S-010375)	Sig subgroup	8b		noted
T1-010486	Draft report from OP#6	ETSI MCC	4		noted
T1-010487	Not used				
T1-010488	LS to RAN2 on CR to 34.109	Ericsson	7k		agreed
T1-010489	CR to 34.121 on Improvement of test description: CPICH RSCP test case	RF subgroup	8c		agreed
T1-010490	CR to 34.121 on Improvement of test description: CPICH Ec/Io test case	RF subgroup	8c		agreed
T1-010491	CR to 34.121 on UTRA Carrier RSSI test case	RF subgroup	8c		agreed
T1-010492	CR to 34.121 on Corrections and improvements for TS 34.121 subclauses 5, 6 and Annex E	RF subgroup	8c		agreed
T1-010493	CR to 34.121 on Clarification of test requirements for Transmit ON/OFF time mask	RF subgroup	8c		agreed
T1-010494	CR to 34.121 on Clarification of procedure for Out-of-synchronisation handling of output power	RF subgroup	8c		agreed
T1-010495	CR 34.121 UE Rx-Tx time difference type 1	RF subgroup	8c		agreed
T1-010496	CR 34.121 UE Transmit Timing	RF subgroup	8c		agreed
T1-010497	CR to 34.121 on Changes to blocking characteristics and spurious response test cases (TS 34.121 v.3.6.0)	RF subgroup	8c		agreed
T1-010498	CR to 34.121 on Clarification in Spectrum emission mask section	RF subgroup	8c		agreed
T1-010499	CR to 34.121 on DL power control	RF subgroup	8c		agreed
T1-010500	CR to 34.121 on DL compressed mode	RF subgroup	8c		agreed
T1-010501	CR to 34.122 on Clarification of AWGN definition (34.122 Rel. 4)	RF subgroup	8c		agreed
T1-010502	CR to 34.122 on Clarification of AWGN definition (34.122)	RF subgroup	8c		agreed
T1-010503	CR to 34.122 on RX spurious emissions (34.122)	RF subgroup	8c		agreed
T1-010504	CR to 34.122 on RX spurious emissions (34.122 Rel 4)	RF subgroup	8c		agreed
T1-010505	CR to 34.122 on Correction of Spurious emissions in TS34.122	RF subgroup	8c		agreed
T1-010506	CR to 34.122 on Correction of Spurious emissions in TS34.122 Rel 4	RF subgroup	8c		agreed
T1-010507	CR to 34.122 on Power and ACLR definition corrections, Cat F	RF subgroup	8c		agreed
T1-010508	CR to 34.122 on Power and ACLR definition corrections, Cat A	RF subgroup	8c		agreed
T1-010509	CR to 34.122 on Out of synchronisation handling,Cat F	RF subgroup	8c		agreed
T1-010510	CR to 34.122 on Out of synchronisation handling,Cat A	RF subgroup	8c		agreed
T1-010511	CR to 34.122 on Clarification in Spectrum emission mask	RF subgroup	8c		agreed

	section,Cat F				
T1-010512	CR to 34.122 on Clarification in Spectrum emission mask section, Cat A	RF subgroup	8c		agreed
T1-010513	CR to 34.122 on Changes to blocking characteristics and spurious response test cases (TS 34.122 v.3.5.0)	RF subgroup	8c		agreed
T1-010514	CR to 34.122 on Changes to blocking characteristics and spurious response test cases (TS 34.122 v.4.1.0)	RF subgroup	8c		agreed
T1-010515	CR to 34.122 on maximum output power for mulicode transimission	RF subgroup	8c		agreed
T1-010516	CR to 34.122 on maximum output power for mulicode transimission category A	RF subgroup	8c		agreed
T1-010517	CR to 34.121 on BER/BLER testing based on statistical approach (TS34.121)	RF subgroup	8c		agreed
T1-010518	CR to 34.122 on BER/BLER testing based on statistical approach (TS34.122)	RF subgroup	8c		agreed
T1-010519	CR to 34.122 on BER/BLER testing based on statistical approach (TS34.122 Release 4)	RF subgroup	8c		agreed
T1-010520	CR for TS34.121: Deletion of OFF power measurement on "Power setting in uplink compressed mode" Test (Clause 5.7)	RF subgroup	8c		agreed
T1-010521	CR to 34.121 on Cell reselection delay tests in idle mode	RF subgroup	8c		agreed
T1-010522	CR to 34.121 on Transmit OFF power measurement	RF subgroup	8c		conditionally agreed
T1-010523	Not used	RF subgroup			
T1-010524	Not used	RF subgroup			
T1-010525	T1/RF status report	RF subgroup	8c		noted
T1-010526	Work Item status report: Total Test Time optimisation	RF subgroup	8c		withdrawn
T1-010527	LS from T1/RF to RAN4 on proposed corrections to TS 25.133	RF subgroup	8c		noted
T1-010528	Not used	RF subgroup			
T1-010529	Not used	RF subgroup			
T1-010530	Not used	RF subgroup			
T1-010531	Status report of NVIOT/6	Nortel	7i		noted
T1-010532	Status report on TCERT	Hutchison 3G	7j		noted
T1-010533	LS to RAN1, RAN2 on seek advice on proposed RABs (PS Domain) to be included in Rel 5 of TS 34.108 to support conversational class traffic	Hutchison 3G	8b	552	revised
T1-010534	LS to RAN1, RAN2 on request the verification of parameters for a proposed RAB in T1	Nortel	8b	554	revised
T1-010535	Report from T1-T2 joint meeting on application testing	John Fenn	7f		noted
T1-010536	T1 meeting calendar	ETSI MCC	7		noted
T1-010537	CR to 34.109 R99 for RAN1	Ericsson	7k		noted
T1-010538	CR to 34.109 Rel-4 for RAN1	Ericsson	7k		noted
T1-010539	Nov 2001 report on MCC Task 160 and TTCN verification database	ETSI MCC	8b		noted
T1-010540	Update of MCC 160 ToR	ETSI MCC	8b		agreed
T1-010541	LS to T2 on response to LS on SMS testing	Denso	8b	551	revised
T1-010542	LS on definition of an "off" cell in signalling test cases	Ericsson	8b		agreed
T1-010543	LS from GERAN cc T1 on Reply on UE protocol version (GP-012643)	GERAN	8b		noted
T1-010544	Report on UE functionality split	Peter George	7g		noted
T1-010545	Draft work item for MExE testing	Peter George	7f		noted
T1-010546	Proposed mechanism for the introduction of RAB in T1	Hutchison 3G			noted
T1-010547	Revision of 392	T1			agreed
T1-010548	PRD T1-01 revision 2: Guidelines for a paperless meeting	Mannesmann		555	revised
T1-010549	Revision of 394	Peter George			noted
T1-010550	Clarification of purpose of signalling of Conformance Specification Version	Ericsson			noted
T1-010551	Revision of 341	T1			agreed

T1-010552	Revision of 533	T1			agreed
T1-010553	Ad-hoc meeting on test case prioritisation protocol	Nortel			noted
T1-010554	Revision of 534	T1			agreed
T1-010555	Revision of 548	T1			e-mail approval

Annex C. List of LSs out

Tdoc number	Title	To	CC
T1-010488	LS on CR to 34.109	RAN2	-
T1-010542	LS on definition of an "off" cell in signalling test cases	RAN4	-
T1-010551	Response to LS on SMS testing	T2	GERAN5, CN1, T (see note)
T1-010552	LS to seek advice on proposed RABs (PS Domain) to be included in Rel 5 of TS 34.108 to support conversational class traffic.	RAN1, RAN2	RAN
T1-010554	LS to request the verification of parameters for a proposed RAB in T1	RAN1, RAN2	

Note: The original LS from T2 was not sent to GERAN4 because they are not responsible for SMS test specifications, therefore the LS in T1-010551 will not be sent to GERAN4.

Annex D. Proposed Meeting Schedule for TSG-T1

3GPPT-#14   **12 - 14 Dec 2001**   **Kyoto**   **Japan**
3GPPSA-#14   **17 - 20 Dec 2001**   **Kyoto**   **Japan**

3GPPRAN2-#26   7 - 11 Jan 2002   Sophia Antipolis France

GSMA TWG   4-8 Feb 202   Istanbul
3GPPRAN4-#21   28 Jan - 1 Feb 2002   Sophia Antipolis France (CHANGED!)
3GPPGERAN-#8   4 - 8 Feb 2002   TBD

3GPPT2-#16   11 - 15 Feb 2002   TBD
3GPPRAN2-#27   18 - 22 Feb 2002   Cocoa Beach   Florida
(CHANGE TO BE DECIDED)

3GPPT1-SIG   18 – 20 Feb 2002   Sophia Antipolis France
3GPPT1-RF   18 - 20 Feb 2002   Sophia Antipolis France
3GPPT1-#14   21 - 22 Feb 2002   Sophia Antipolis France
GSM/3G world congress   18 – 22 Feb 2002 Cannes   France

3GPPT-#15   **6 - 8 Mar 2002**   **KOREA**
3GPPSA-#15   **11 - 14 Mar 2002**   **KOREA**

3GPPRAN2-#28   8 - 12 Apr 2002   Japan
(CHANGED!)
3GPPGERAN-#9   15 - 19 Apr 2002   TBD

3GPPT2-#17   13 - 17 May 2002   TBD
3GPPRAN4-#22   13 - 17 May 2002   Korea
3GPPRAN2-#29   13 - 17 May 2002   Korea

3GPPT1-SIG   20 –22 May 2002   Sweden (hosted by Ericsson)
3GPPT1-RF   20 –22 May 2002   Sweden (hosted by Ericsson)
3GPPT1-#15   23 –24 May 2002   Sweden (hosted by Ericsson)

3GPPT-#16   **5 - 7 Jun 2002**   **Marco Island, Florida, USA**
3GPPSA-#16   **10 - 13 Jun 2002**   **Marco Island, Florida, USA**

3GPPRAN2-#30   24 - 28 Jun 2002   Italy
3GPPGERAN-#10   24 - 28 Jun 2002   TBD

3GPPT1-SIG   29 -31 July 2002   TBD   Japan (hosted by Anite * DoCoMo)
3GPPT1-RF   29 -31 July 2002   TBD   Japan (hosted by Anite * DoCoMo)
3GPPT1-#16   1 – 2 Aug 2002   TBD   Japan (hosted by Anite * DoCoMo)

3GPPRAN4-#23   12 - 16 Aug 2002   TBD
3GPPT2-#18   19 - 23 Aug 2002   TBD
3GPPRAN2-#31   19 - 23 Aug 2002   Sophia Antipolis, France
3GPPGERAN-#11   26 - 30 Aug 2002   TBD

3GPPT-#17   **4 - 6 Sep 2002**   **FRANCE**

3GPPSA-#17　　　　　**9 - 12 Sep 2002**　　　　　**FRANCE**

3GPPRAN2-#32　23 Sep - 27 Oct 2002　　　　　North America
(CHANGED!)

3GPPT1-SIG　　　　　4-6 Nov 2002　　　　　UK (hosted by Anritsu)
3GPPT1-RF　　　　　4-6 Nov 2002　　　　　UK (hosted by Anritsu)
3GPPT1-#17　　　　　7-8 Nov 2002　　　　　UK (hosted by Anritsu)

3GPPRAN4-#24　　　　11 - 15 Nov 2002　　　TBD
3GPPRAN2-#33　　　　12 - 15 Nov 2002　　　China
3GPPT2-#19　　　　　18 - 22 Nov 2002　　　TBD
3GPPGERAN-#12　　　18 - 22 Nov 2002　　　TBD

3GPPT-#18　　　　　**4 - 6 Dec 2002**　　　　　**USA**
3GPPSA-#18　　　　　**9 - 12 Dec 2002**　　　　**USA**

History

Date	Revision	Comments
04/12/01	0	First draft
07/12/01	1	Comments from Mr Guillot

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

Lidia Salmeron

ETSI Mobile Competence Centre
3GPP TSG T1 & TSG GERAN5 Project Manager

_____
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

_____