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**3GPP TSG T WG1 #17
Luton, UK
4-8 November 2002**



**DRAFT Report from the 3GPP TSG T WG1 #17 Plenary
Meeting**

4-8 November 2002

Vauxhall Recreation Club, Luton, UK

Revision: 1

Chairman: Bjarke Nielsen

Secretary: Lidia Salmerón

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1 Opening of the meeting

The seventeenth TSG T1 Plenary meeting was held on 4th to 8th November 2002 in Luton (UK) and was hosted by Anritsu Ltd.

Mr Nielsen opened the meeting at 10.00 am. Mr George (Anritsu) gave a welcome message.

2 Adoption of the agenda

The agenda in **T1-020744** was [agreed](#) with the inclusion of point 7c for the presentation of TWG status report.

Mr Nielsen gave a reminder on the IPR obligations.

The meeting agreed to have the following schedule for this meeting:

- Monday: plenary session
- Tuesday to Thursday: Subgroups sessions
- Friday: plenary session

3 Registration of input documents

See different sections of this report.

4 Review of the minutes from last meeting

The report from the last T1#16 meeting (Yokohama) can be found in Tdoc **T1-020614** this document was circulated on the e-mail reflector, no comments were received 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 and Europe.
AP9.18: Subgroups to check references in TR 34.910 and report to the chairman.	Open	Checked by the RF and signalling subgroups. References need to be updated and format to be redone.
AP10.9: All to consider if interface T1-IETF is needed.	Closed	OMA interface will tell us is anything needs to be done
AP12.4: Relevant companies within T1 to review the report from SA1 on IP Based Multimedia Services Framework (TR 22.941) and provide input to them.	Open	
AP12.6: Mr George will start a discussion on the e-mail	Ongoing	Related to application testing.

reflector to get support for the creation of new WI.		Relationship with OMA needs to be clarified.
AP13.1: Mr Nielsen to provide a proposal for the new format of 34.910.	Closed	Merged in AP9.18
AP14.2: Mrs Salmerón to clarify the procedure for connection to WLAN.	Open	
AP16.1: Mr Fenn to report to T1 on the OMA activities.	Closed	
AP17.1: Mr Brown try to align by the next meeting the e-mail approval procedures for T1 and T1/sig.		
AP17.2: Mr Brown to create a PRD with the TTCN test case approval.		

T1-020624: Report from T#17 in Biarritz

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

- LS from RAN to T on new RAN TR collecting example RABs. To be seen at this T1 meeting.
- Permission to establish official contacts with Open Mobile Alliance (OMA) already approved by the PCG.
- 2G<>3G handover: Formally, the 2G->3G HO TTCN work stays under the responsibility of GERAN including the financial obligations, but for practical reasons, the test cases will be done by the same team which does the T1 tests and will be included in the T1 TTCN. Mechanisms will be brought in place in the GERAN and T1 TTCN to find the full set of TCs from both TTCN test suites (e.g. inclusion of hyperlinks in GERAN and T1 TTCN).
- CR on inclusion of IMS RABs for Rel-5 in 34.108 was rejected. Concerns about the early creation of Rel-5, pragmatic way forward to be found by T1.
- SMS type 0 test cases approved as presented.

The document was [noted](#).

T1-020625: Report from SA#15

T1-020626: Report from PCG#09

T1-020627: Report from OP#08

This documents were provided for information but not presented.

The documents were [noted](#).

5 Incoming LS's

The following LSs were presented in the first session of the plenary before the subgroups.

T1-020616: LS on test cases for short messages type 0 (T2-020756)

T2 is answering the LS sent by T1 asking for guidance on the SMS type 0 test cases that were rejected at the T#16 meeting. T2 indicated that we are just testing one of the possible answers from the UE.

Vodafone D2 did not agree with the answer in the LS and pointed out that the test cases were agreed at the last T meeting as they were preented. It was proposed to leave the test cases as

they are since the core specifications may need some clarification. Vodafone D2 noted that the equivalent GSM test cases form part of the GSM certification process as they are.

It was noted that there is no plan to put these test cases into the higher priority group since they can be run for the second generation testing and they can also be checked in live networks.

The LS was [noted](#). T1 assumes that this issue has been solved during the T meeting and consider the actions points in the LS as obsolete.

T1-020617: LS from RAN to TSG-T on new RAN TR collecting example RABs (RP-020664) (TP-020257)

RAN agreed that the correct scope of 34.108 should be on test coverage and not IOT. However, RAN understands the relevance of capturing good examples of how to use the radio interface and therefore, decided to create a technical report where good examples of RABs, not necessary for testing, will be captured.

It seems that RAN1 is meeting this week and will prepare a LS to T1 indicating which RABs are recommended to be removed from 34.108.

The LS was [noted](#).

T1-020618: LS on Additional RAB configurations in 34.108 (R1-021126)

RAN1 confirms that the content of the RAB is correct.

The corresponding CR was approved at the last T1/Sig meeting in Singapore and it will be presented later in this meeting.

The LS was [noted](#).

T1-020619: LS on Reference configurations in TS 34.108 (R2-022204)

This LS was already seen at the last T1/Sig meeting.

RABs 20 and 22 were removed at the last meeting, therefore the action is only applicable to RABs 16 and 18.

The LS was [noted](#).

T1-020620: LS on Answer LS on test cases for unsupported UE configuration (R2-022206)

This LS was already seen at the last T1/Sig meeting and a CR is presented at this meeting to align with the comments in the LS.

The LS was [noted](#).

T1-020621: LS on Response to LS (T1-020606) on Layer 2 tests in 34.123 (R2-022207)

This LS was already seen at the last T1/Sig meeting. RAN2 asks T1 to consider to explicitly mention tests in the test prose as far as possible. There will be a CR at this meeting to cover this.

The LS was [noted](#).

T1-020654: LS on Reply to LS on applicability of the RAB configuration used for RLC testing (R2-022685)

RAN2 asks T1-SIG to review the UE classes defined in TS 25.306 and to study the possibility of adding an alternative combination to be used for the UEs that can not support the combination of interactive or background / UL:64 DL 64 kbps / PS RAB + UL:3.4 DL 3.4 kbps SRBs, without removing the existing combination nor removing current and planned tests

based on the combination of interactive or background / UL:64 DL 64 kbps / PS RAB + UL:3.4 DL 3.4 kbps SRBs. RAN2 also requests T1-SIG to revisit the test cases taking into account the memory requirements.

This LS will be review at the T1/Sig meeting this week. Anyway, Mr Fox thinks that it is going to be very difficult to add a new alternative.

Mr Hu thinks that this LS does not answer the original question

The LS was [noted](#).

The following LS was presented on Friday.

T1-020615: LS on use of hard or soft decisions in RRM tests (R4-021302)

RAN4 confirms that the decision made by TSG T1 RF SWG, that hard decisions shall be used in RRM tests both at the high level and low levels, is in agreement with the intention of TS 25.133.

The LS was [noted](#).

6 Presentations of e-mail approvals since last T1 meeting

None.

It is foreseen that e-mail approval will be needed for some of the TTCN issues.

7 T1 administrative issues

7.1 T1 work plan, status and path forward

To be treated on Friday. It was reminded that during this week, we need to update the progress of the work items.

7.2 Rel-5 issues in 34.108

At the last T meeting, it was requested to T1 to find a way to include Rel-5 content of 34.108 without creating a new specification for Rel-5, in order to avoid the increase of the work load.

Mr Brown (Hutchison 3G) suggested that Rel-5 items can go in an informative annex of 34.108 Rel-4 and when this annex has sufficient content, the Rel-5 document will be created. Mr Fox (Anritsu) and Mr Nielsen (Qualcomm) replied that the way is done in the other groups is to create a new spec, way should it be different in T1.

It was commented that a possible solution is to merge all the releases of 34.108 into a single document as it was done in 34.108 but it was reminded that this was already proposed to T and rejected.

It was noted that the problem of maintaining multiple releases of the specs and the workload that it supposes is a problem affecting all the TSGs and it has already been noted. It was decided that this issues shall not be treated at T1 level. A LS will be written to T on **T1-020749**. See section 8.2

For the moment, it was agreed to include the Rel-5 information into an informative annex of 34.108 Rel-4

7.3 TWG status report

T1-020747: Field Trial Guidelines

Mr Schulze (Vodafone D2) presented this document for information. This document contains similar test cases to 51.010 but focusing in end to end execution. Some of the annexes contain description of scenarios for 2G / 2.5G and 3G devices. This document can be used by anybody for internal evaluation.

It was clarified that the coverage for UMTS is not completed yet and that the document is also focusing on applications.

The document was [noted](#).

T1-020740: GSMA TWG Update

Mr Brown (Hutchison 3G) presented the document. The main issue treated related to T1 was the review of proposed TTCN Verification Process.

The document was [noted](#).

7.4 Presentation on status from GCF

T1-020738: GCF UAG update

Mr Brown (Hutchison 3G) presented the document. The main issues in the document were:

- First meeting held. Mr Bob Morley appointed chairman.
- Clarification on TTCN approval process needed
- Review of the prioritisation of test cases.
- RF prioritisation based on March 02 core specifications for stage 1
- USIM tests included in stages 1 and 2
- Audio test part of GCF
- The concept of Dual Mode Interim Notification was agreed by the Steering Group: Mandatory declaration by vendors to indicate the extent of 3G testing prior against the GCF programme, prior to certification criteria.
- Stage 1 to be based on March 02 core specifications; Stage 2 in Sept 02 core specifications.

Questions and comments:

- All the test cases belonging to the same stage will have to refer to the same core specifications. The core specifications chosen for the stages is based on the time needed by the industry to implement the test cases and UEs and make them available.
- Do operators have to prepare their networks for each of the stages or just for the last one?
- How GCF sees that T1 releases a new version of the test specification after every meeting? Mr Schulze thinks that the disconnection between GCF and T1 will be less with time. Mr Fox said that March 02 is a baseline that gives an indication of good quality test cases. This does not prevent operators to deploy networks based on other versions. Normally, test cases for other versions will be 95% the same. Motorola said that it is known that March 02 has some problems with dual mode terminals; these problems are solved in June 02, therefore, UEs will have to be implemented including these modifications from June 02. An UE implemented just according to March 02 would not be commercial.
- Mr Nielsen asked if we shall continue to update the test specifications to the latest core specifications. Mr Brown said that GCF shall not dictate T1 how to do the work, although T1 shall consider what is happening in GCF. T1 shall update their specs to the latest core specifications if that is what T plenary wants. Mr Fox said that T1/Sig is updating the test specs to the latest possible version of the core specifications. We are also maintaining a version of the TTCN in line with the latest changes in the prose, this means that two parallel versions of TTCN are maintained, one based on March 02 core specifications and another one following the latest prose. Mr Fox said that there is no point in taking test cases from March 02 that have been changed because they have been changed because these test cases don't work, they have been changed because there is a problem with them.
- A version of the TTCN based on March 02 will be maintained until we update the TTCN for Stage 2 (Sept 02).
- The RF subgroup is only maintaining one version of the test cases based on the latest version of the core specifications. It is believed that there are changes from March 02 and latest one, specially in the RRM section. An action point was allocated to the RF subgroup to check the differences between the March 02 and latest version of the core specifications, specially for the package 1 test cases. The result of the action point was presented during the RF report and the action point was closed.
- Are there any RF TDD prioritised for package 1? No, GCF agreed to concentrate on FDD for the moment.

The document was [noted](#).

T1-020655: LS on latest GCF UTRA Protocol Test Case Prioritisation (UA-02-024)

Mr Morley briefly presented the document. The document was [noted](#).

T1-020743: LS on latest GCF UTRA RF Test Case Prioritisation (UA-02-025r1)

Mr Morley briefly presented the document. The document was [noted](#).

7.5 Co-operation with OMA on Application Level Testing

T1-020748: OMA IOP Testing

Mr Guillot (Orange) presented the document. The main points were: OMA will focus in testing weird behaviours in the enablers focusing in the real-use approach (e.g. Test fests or Field tests) rather than the systematic testing.

Questions:

- What OMA thinks it is required from T1? Will they reuse our tests? OMA will develop bearer independent tests, therefore OMA will need a relationship with 3GPP and other groups.
- Does OMA plan to include conformance application testing? OMA is 'living' in a IP world, where 'test fest' are usually done, but this situation may change.
- There will be cases where we can be bearer agnostic but other where we cannot (e.g. location testing). In these cases, a close relation with T1 will be needed.

The document was [noted](#).

T1-020746: LS on common test specifications for applications and services

Mr Schulze (Vodafone D2) presented [briefly](#) the document for information. The LS was [noted](#).

T1-020745: Conformance Assessment on Application Level

Mr Schulze (Vodafone D2) presented the document. It contains the Vodafone view on Application level testing and it will be presented to OMA. It is presented to T1 for information. Vodafone's view is that the only way of having a very high confidence level in testing is to perform System Simulator tests (conformance assessment) plus Interoperability testing / Field Trials. Vodafone proposes to OMA Technical Plenary to create a Conformance Working Group that will co-operate with T1 where required.

Questions and comments:

- Mr Schulze does not foresee T1 doing any application test for OMA since that would mean extending the 3GPP scope.
- Mr Hu (ETSI MCC) said that there are many overlapping between the Plug tests and the conformance tests and that one of the big advantages of conformance tests is the possibility to perform negative tests that cannot be done in the interoperability tests.
- Mr Fenn (Samsung) said that OMA shall consider legal liability and quality of service.
- Mr Nielsen (Qualcomm) suggested that T1 could give support for test cases related to protocol layers and they could give support for application layers.
- Mr Guillot (Orange) said that 3GPP could suggest to be in charge of application testing related just to 3GPP.
- The main question to be answer by T1 was: Is there a will in T1 to do any application testing? Based on discussions last year it seems that there is no interest in the group to do any application testing.

It was concluded that we will wait to have an answer from OMA. T1 sees a need for application assessment testing and wait for guidance.

Mr George (Anritsu) suggested to re-send the same LS that was informally send at the last meeting on behalf of several companies, but send it this time as an official LS from T1. Mr Nakagomi (NTT DoCoMo) asked Mr Schulze to inform OMA of all the discussions held in T1 during the last year on application testing.

Mr Schulze will modify the original LS to reflect T1 opinion and present it later on the meeting. It was clarified that T1 is interested in testing of application enablers, not in testing the application level. The LS will be presented in **T1-020775**.

The document was [noted](#).

T1-020775: LS on common test specifications for applications and services

Mr Schulze (Vodafone D2) presented the LS.

The message to OMA is that T1 cannot do the application level testing on its own. It is felt that OMA will go more in the internet area.

Mr Fenn (Samsung) mentioned that MTS in ETSI is looking at developing test suites for IP.

Mr Nielsen (Qualcomm) wants to ask them to consider how to they want to do application testing and what tests do they need in 3GPP. It does not seem possible to have a common test specification between OMA and 3GPP, it is more feasible to have several specifications that relate to each others. It was noted that it is not possible to make a test specification with something outside 3GPP, the best thing to do is to co-ordinate what each group is doing.

It was agreed to delete the example given in point number 2 of the LS and also to propose a joint ad-hoc meeting between OMA IOP and T1. It was agreed to copy to T2. With this comment, the LS was [revised](#) in **T1-020885** and [agreed](#).

7.6 TTCN ATS approval strategy

T1-020702: Process for Initial Approval of Test Cases

This document was provided for information. It contains the original proposal from the last meeting.

The document was [noted](#).

T1-020623: LS on TTCN Verification and Approval Procedure

Mr Brown (Hutshcison 3G) presented this LS from TWG from September. Basically, TWG's position is that the ETSI derived TTCN should be taken as the reference code to be adopted by the test industry in the first instance to develop their test platforms. This is also the position that has been agreed by the GCF.

Mr Nielsen (Qualcomm) noted that GCF decided that once the ETSI TTCN is approved, other sources of TTCN are allowed.

The document was [noted](#).

T1-020741: Updated Process for Initial Approval of Test Cases

Mr Fox (Anritsu) presented this document on behalf of Anritsu, Nokia, Ericsson EMP and H3G (UK). This document is based on the original proposal from Anite but proposes a more rigorous approval process that will lead directly to the approval of only fully working conformance test cases, offering test coverage according to the 3GPP test specifications.

Firstly, a 'golden test case' is identified. This is one test case (probably a basic NAS or RRC test case) that has been demonstrated to T1 as "passing" verification with real hardware-based System Simulators through a main path of the test case (e.g. CS or PS, with or without Security) against at least two real UEs with independent protocol stack implementations.

The golden test case can be used for people to assess if a platform is suitable to be used to verify test cases.

A test case should only be considered ready for approval when it has passed on two different trusted platforms. If a test case fails to run on a trusted platform and the RVS provides execution logs then the test case should not be approved, unless T1/SIG can satisfy itself that the failure is due to erroneous actions of the SS or UE.

The document was revised during the meeting paragraph by paragraph:

- It was clarified that any version of TTCN can be used for verification but for approval purposes we must use version 1.4.0.
- Paragraph 5.1: It was noted that 34.108 is not mentioned because it is updated to March 02.
- Paragraph 5.2:
 - Mr Guillot (Orange) asked for clarification on "verification pass result". It was explained that this means that only major path in the test cases are verified, what will cover 99% of the problems. It was agreed to clarify this term. Mr Morley (Anite) thinks that it must be recorded which verdict(s) was(were) verified; this was agreed. R&S also suggested to include the PICS/PIXIT file as evidence of the verification; this was agreed with the possibility of masking those part of the file that are not relevant to the test case.
 - It was clarified that test cases from v1.5.0 can be verified but cannot be approved (at least at T level) since it is not possible to merge test cases from v1.4.0 and v1.5.0. The approval of test cases is locked to v1.4.0 because this is what the industry is asking for.
 - It was clarified that v140 is based on March 02, v150 is based on June 02, v151 is based on June 02 plus fixing some bugs discovered at verification. V1.4.0 includes the fixing of problems discovered during the verification of v1.5.0 and v1.5.1. It was clarified that ETSI is not maintaining v1.4.0 with the fixing of the bugs, this is being done by Anritsu and R&S.
 - Mr Schulze asked if for package 1 test cases, is there a big difference between v1.4.0 and v.1.5.0? Mr Hu clarified that v1.5.0 implements some CRs from Yokohama meeting, includes corrections from verification reports and includes ASN.1 from June 02. Mr Hu explained that the different ASN.1 module does not have much impact.
 - Mr Fox said that at this moment we have some test cases that run in different platforms with v1.4.0. If we change now the reference version we will not be able to approve any test cases at this meeting and we will not meet the deadline for approval of 34.123-3.
 - Ericsson thinks we shall approve test cases from v.1.4.0 as it was agreed at the last T1/Sig meeting.

- It was clarified that if a test case is approved, it will be included in v2.0.0 (out of this meeting) and it will be approved as v3.0.0 that will be available from the 3GPP web site.
- Paragraph 5.3:
 - R&S questioned if the rule of the 80% shall be applied. This may slow down the approval of some test cases. This concern was supported by Mr Nielsen. Mr Morley said that the intention of the 80% was to focus people on package 1. It was agreed to change the wording to: "Priority will be given to approving package 1 test cases until at least 80% of package 1 have been approved".
 - It was clarified that every time a company is proposing some changes to one test cases, it has to verified that all the other approved test cases are not broken.
- Paragraph 5.4:
 - R&S suggested to have at least one golden test case per ATS (e.g. RRC, CC, MM, etc).
 - Motorola was concern about needing two different UEs for having a golden test case since for some features (e.g. dual mode test cases) there may be just one UE for some time.
 - Mr Nielsen suggested that if a company wants to approve a test case and cannot prove that can pass the golden test cases, the time for other companies to review will be double than if the golden test case have been passed. If the company can prove that passed the golden test cases, it gets the higher priority in T1/Sig but still has to provide all the log files for the test case.
 - A golden test case has to be pass in two different SS with two different UEs, to pass a normal test case only one SS and one UE is needed.
 - After a long discussion it was agreed to have one single procedure for approval of TTCN test cases: if you can prove that you can run some more test cases of the ATS you get the higher priority in T1/Sig, therefore there is no need for golden test cases.
- Paragraph 5.5: It was agreed to delete it.
- Paragraph 5.6: It was agreed to delete it.
- Paragraph 5.7: It was agreed to delete it. The definition of "different platforms" will be included somewhere else in the procedure.
- Paragraph 5.8: It was agreed to delete it.
- Paragraph 6.1: It was agreed to delete it.
- Paragraph 6.2: If a test case runs in 2 different platforms, the grace period is two weeks (ETSI confirmed that this period is OK for them). If it only passes in one platform the period is four weeks. The approval of test cases can be done using the T1/Sig e-mail reflector.
- Paragraph 7.6.2: Nokia proposed to reword it to say something similar to "The test case does not follow the prose description in 34.123-1". This was agreed.

- 7.7: It was agreed to delete it.
- 7.8: It was agreed to delete it since the normal 3GPP procedure shall be followed in case of conflicting CRs.
- 7.9: Only the T1/sig reflector will be used.

The document with the above comment was approved as the working assumption for T1/Sig meeting this week.

The document was [revised](#) in several times off-line and finally was presented on Friday as **T1-020886**.

T1-020742: Generation of the approved ATS V300

R&S presented this answer to a document presented by Mr Hu on the e-mail reflector. Only the figure was presented at this meeting.

The discussion on this document was postponed to the T1/Sig presentation on Friday.

The document was [noted](#).

7.7 Summary of issues for the SWGs to deal with this week

T1-020737: RRC testcase with state transition

This document is proposing to remove some test cases. Due to lack of time it was proposed to treat this document during the T1/Sig meeting.

The document was [noted](#).

7.8 Rest of incoming LSs and other leftovers from Monday

T1-020715: Reply to LS on Applicability of the RAB configuration used for RLC testing

Mr Nielsen (Qualcomm) presented this reply to an incoming LS that was also treated during the T1/Sig.

Some editorial comment were made. The LS was [revised](#) in **T1-020716** and [agreed](#).

Siemens noted that in the capabilities proposed for RF TDD R99, 1.28 Mcps TDD are included and these are only applicable for Rel-4 onwards. T1 agreed with this comment but in order not to confuse the LS, it was agreed that Siemens will take the issue directly to RAN2.

T1-020886: Updated Process for Initial Approval of Test Cases

Mr Brown (Hutchison 3G) presented this revision of the document originally presented and discussed on Monday.

It was clarified that once test cases have been approved at T1/Sig reflector, they will be automatically approved by T1. Some concerns were raised about the need for sending some kind of notification of start of approval process in the T1 e-mail reflector. This was agreed.

If a test case run in a platform with more than one UE or the test case run in a platform with one UE and the platform can run several test cases of the same ATS, the approval period will be 2 weeks. In the rest of the cases, the period will be 4 weeks.

It was clarified that a valid objection is that one that it is provided with evidence. It was agreed to state: "*A valid objection is one where it is stated clearly why*".

Anite requested that the execution log shall be provided in a readable format.

A small discussion took place on the way of how CRs to 34.123-3 shall be presented in the future. It was agreed to completely define it at a later stage.

It was noted that if more than 15 TTCN testcases are on the process of approval, someone can object to the approval of the test cases.

TTCN version updated: Mr Hu noted that he will maintain just one version containing all the approved test cases.

Mr Yonekura asked if this new procedure will suppose additional funding. It was confirmed that no additional funding will be needed.

The document was [revised](#) in **T1-020887** and [revised](#) again in **T1-020892** (see T1/Sig report for conclusion).

AP17.1: Mr Brown try to align by the next meeting the e-mail approval procedures for T1 and T1/sig.

AP17.2: Mr Brown to create a PRD with the TTCN test case approval.

T1-020883: Draft LS on authentication procedure for MS rejecting the network

Mr Mattisson (Ericsson) presented this LS from T1/Sig intended to be sent to CN1. T1 asks CN1 to confirm whether the REL-5 behaviour if implemented in a R99 terminal is acceptable for R99 conformance and to confirm the MS behaviour when the MS deems the network not being genuine.

Motorola suggested to make some changes in the issue number 2. Also it was suggested to refer to T1 instead of T1/sig. The document was revised in **T1-020888** and [agreed](#).

7.9 Time schedule for next meetings

T1-020880: Proposed meeting calendar for T1 meetings

It was agreed that the T1#19 meeting in Korea was moved one week ahead to 12-16 May 2003.

The August meeting was moved to 28th July to 1 August.

The date for the November meeting was agreed.

The document was [noted](#).

7.10 Presentation of status from IOT forum

T1-020882: NVIOT status report

Nortel presented the document just for information. It was explained that some functional test cases has been added to the Master Test Catalogue (before that, only protocol test cases taken from 34.123 where included). Functional test cases are provided by companies. The goal is to collect a catalogue with sensible IOT test cases.

The intention is to update the MTC to March 02 and later to keep updating to the latest version of the core specifications.

UE vendors and infrastructure vendors are welcome to IOT.

It was noted that ' June 01 T1 CRs to be implemented' shall read 'June 02 T1 CRs to be implemented'.

It was clarified that the test cases in MTC are aimed purely for interoperability testing

The document was [noted](#).

7.11 Call for candidates for new 3GPP T1 chair and vice-chairs

At the next T1 meeting there will be an election for T1 chair and vice-chairs. Candidates need to submit to the reflector a short CV and a letter of commitment from the company. This information can be sent until the day of the election, but it is recommended to do it in advance.

Elections for T1/RF will be also held at the next meeting.

8 Status reports

8.1 GERAN4/GERAN5 status report

Mrs Salmerón presented **T1-020628** that contains a slide presentation and reports on activities in GERAN4 and GERAN5.

The document was [noted](#).

T1-020622: PRD T1-07 v3: Handling of common issues between 3GPP TSG-GERAN WG5* and 3GPP TSG-T WG1

The document was [noted](#).

8.2 TSG-T1/Sig status report

Mr Fox (Anritsu) presented the report from the T1/Sig subgroup included in document **T1-020717**.

?? 34.108

The main issues discussed:

- Mainly maintenance and some small changes due to Sept 02 core specs
- New RAB combinations and extensions for multi-call
- **T1-020749**: LS to T to indicate that Rel-5 information is included in an annex of Rel-4 specification. The LS was [agreed](#).

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

Spec	CR	Rev	Release	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level	Workitem
34.108	143	-	R99	Correction to default messages in 9.1 and 9.2	F	3.9.0	3.10.0	T1-020657	-
34.108	144	-	Rel-4	Correction to default messages in 9.1 and 9.2	A	4.4.0	4.5.0	T1-020658	TEI
34.108	145	-	R99	Corrections in the TDD test frequencies according to core specs	F	3.9.0	3.10.0	T1-020673	-
34.108	146	-	Rel-4	Corrections in the TDD test frequencies according to core specs	A	4.4.0	4.5.0	T1-020674	TEI
34.108	147	-	R99	Addition of alternative configuration using Turbo Coding for Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	F	3.9.0	3.10.0	T1-020693	-
34.108	148	-	Rel-4	Addition of alternative configuration using Turbo Coding for Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	A	4.4.0	4.5.0	T1-020694	TEI
34.108	149	-	R99	Correction to content of sub-clause 6.10.2	F	3.9.0	3.10.0	T1-020708	-
34.108	150	-	Rel-4	Correction to content of sub-clause 6.10.2.	A	4.4.0	4.5.0	T1-020709	TEI
34.108	151	-	R99	Correction to SIB 11/12 definition	F	3.9.0	3.10.0	T1-020711	-
34.108	152	-	Rel-4	Correction to SIB 11/12 definition	A	4.4.0	4.5.0	T1-020712	TEI
34.108	155	-	R99	Transferring system information definition using ASN.1 description to PRD	F	3.9.0	3.10.0	T1-020777	-
34.108	156	-	Rel-4	Transferring system information definition using ASN.1 description to PRD	A	4.4.0	4.5.0	T1-020778	TEI
34.108	157	-	R99	Correction to RLC RAB TFCS	F	3.9.0	3.10.0	T1-020779	-
34.108	158	-	Rel-4	Correction to RLC RAB TFCS	A	4.4.0	4.5.0	T1-020780	TEI
34.108	159	-	R99	Default Message contents : Correction from CRs approved in RP17meeting	F	3.9.0	3.10.0	T1-020782	-
34.108	160	-	Rel-4	Default Message contents : Correction from CRs approved in RP17meeting	A	4.4.0	4.5.0	T1-020783	TEI
34.108	161	-	R99	Corrections to SIB1 to SIB6	F	3.9.0	3.10.0	T1-020798	-
34.108	162	-	Rel-4	Corrections to SIB1 to SIB6	A	4.4.0	4.5.0	T1-020799	TEI
34.108	163	-	R99	Correction to RAB configurations as revision of T1S020755	F	3.9.0	3.10.0	T1-020800	-

34.108	164	-	Rel-4	Correction to RAB configurations as revision of T1S020756	A	4.4.0	4.5.0	T1-020801	TEI
34.108	165	-	R99	Parameter addition for Reference RABs based on LS from RAN2	F	3.9.0	3.10.0	T1-020802	-
34.108	166	-	Rel-4	Parameter addition for Reference RABs based on LS from RAN2	A	4.4.0	4.5.0	T1-020803	TEI
34.108	167	-	R99	Addition to clause 7.4 for multi call as T1S-020576rev2 (revision to T1S020819)	F	3.9.0	3.10.0	T1-020817	-
34.108	168	-	Rel-4	Addition to clause 7.4 for multi call as T1S-020577rev2 (revision to T1S020820)	A	4.4.0	4.5.0	T1-020818	TEI
34.108	169	-	Rel-4	RAB Combinations for IMS Services	F	4.4.0	4.5.0	T1-020819	TEI

?? **34.123-1**

The main issues discussed:

- 38 CRs deferred for e-mail approval before T#18.
- 28 CRs from T1/Sig#25
- 8 CRs by e-mail approval between T1/Sig#25 and T1/Sig#26
- Update to Sep 02 core specifications (main impact in RRC measurement Control/Reporting)

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

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level	Workitem	Remarks
34.123-1	310	-	Rel-5	Correction to package 1 test case 7.2.3.22	F	5.1.1	5.2.0	T1-020659	TEI	R99, Rel-4, Rel-5
34.123-1	311	-	Rel-5	Correction to package 1 test case 7.2.3.23	F	5.1.1	5.2.0	T1-020660	TEI	R99, Rel-4, Rel-5
34.123-1	312	-	Rel-5	Update to Broadcast of System Information in test case 8.1.10	F	5.1.1	5.2.0	T1-020662	TEI	R99, Rel-4, Rel-5
34.123-1	313	-	Rel-5	Correction of package 2 test case for Inter System HO	F	5.1.1	5.2.0	T1-020663	TEI	R99, Rel-4, Rel-5
34.123-1	314	-	Rel-5	Corrections to generic setup procedure for radio bearer testing	F	5.1.1	5.2.0	T1-020664	TEI	R99, Rel-4, Rel-5
34.123-1	315	-	Rel-5	Addition of Integrity protection test case	F	5.1.1	5.2.0	T1-020666	TEI	R99, Rel-4, Rel-5
34.123-1	316	-	Rel-5	Corrections to package 2 MM test case 9.4.4	F	5.1.1	5.2.0	T1-020667	TEI	R99, Rel-4, Rel-5
34.123-1	317	-	Rel-5	Correction of package 1 test case 8.1.1.7	F	5.1.1	5.2.0	T1-020668	TEI	R99, Rel-4, Rel-5
34.123-1	318	-	Rel-5	Introduction of a new test case for the integrity protection of NAS signalling message	F	5.1.1	5.2.0	T1-020669	TEI	R99, Rel-4, Rel-5
34.123-1	319	-	Rel-5	Modifications to package 1 RLC Test Cases	F	5.1.1	5.2.0	T1-020685	TEI	R99, Rel-4, Rel-5
34.123-1	320	-	Rel-5	Corrections to title of radio bearer test cases 14.4.2a.1, 14.4.2a.2 and 14.4.2a.3	F	5.1.1	5.2.0	T1-020688	TEI	R99, Rel-4, Rel-5
34.123-1	321	-	Rel-5	Corrections to MAC Package 1 test cases 7.1.1.2, 7.1.1.3, 7.1.1.4, 7.1.1.5 and 7.1.1.8	F	5.1.1	5.2.0	T1-020689	TEI	R99, Rel-4, Rel-5

34.123-1	322	-	Rel-5	Introduction of a new test case for the integrity protection of NAS signalling message	F	5.1.1	5.2.0	T1-020690	TEI	R99, Rel-4, Rel-5
34.123-1	323	-	Rel-5	General corrections for clause 6	F	5.1.1	5.2.0	T1-020691	TEI	R99, Rel-4, Rel-5
34.123-1	324	-	Rel-5	Addition of cell reselection test case to verify use of cell status and cell reservations	F	5.1.1	5.2.0	T1-020692	TEI	R99, Rel-4, Rel-5
34.123-1	325	-	Rel-5	Correction of package 2 test case on measurements (revision of T1S-020568)	F	5.1.1	5.2.0	T1-020697	TEI	R99, Rel-4, Rel-5
34.123-1	326	-	Rel-5	Correction of test case for timing re-initialised inter-frequency handover (revision of T1S-020569)	F	5.1.1	5.2.0	T1-020698	TEI	R99, Rel-4, Rel-5
34.123-1	327	-	Rel-5	Corrections to test cases 8.3.1.23, 8.3.1.24 and 8.3.2.13 (HCS Reselection)	F	5.1.1	5.2.0	T1-020699	TEI	R99, Rel-4, Rel-5
34.123-1	328	-	Rel-5	Correction to test case 9.3.2 Handling of IMSI shorter than the maximum length	F	5.1.1	5.2.0	T1-020700	TEI	R99, Rel-4, Rel-5
34.123-1	329	-	Rel-5	Correction to MM test 9.5.7.2	F	5.1.1	5.2.0	T1-020701	TEI	R99, Rel-4, Rel-5
34.123-1	330	-	Rel-5	Correction to the title of sub-clause 14.2.51b.2	F	5.1.1	5.2.0	T1-020703	TEI	R99, Rel-4, Rel-5
34.123-1	331	-	Rel-5	Correction to RLC P1 7.2.3.12 Correct use of Sequence Numbering	F	5.1.1	5.2.0	T1-020704	TEI	R99, Rel-4, Rel-5
34.123-1	332	-	Rel-5	Correction to package 1 test case 7.2.3.13 and 7.2.3.14	F	5.1.1	5.2.0	T1-020705	TEI	R99, Rel-4, Rel-5
34.123-1	333	-	Rel-5	Correction to P1 TC8.1.9 SIGNALLING CONNECTION RELEASE INDICATION test case as T1S020674rev1	F	5.1.1	5.2.0	T1-020706	TEI	R99, Rel-4, Rel-5
34.123-1	334	-	Rel-5	Corrections to package 1 & 2 idle mode test cases	F	5.1.1	5.2.0	T1-020707	TEI	R99, Rel-4, Rel-5
34.123-1	335	-	Rel-5	Correction to Package 1 test cases (revision of T1S-020677)	F	5.1.1	5.2.0	T1-020710	TEI	R99, Rel-4, Rel-5
34.123-1	336	-	Rel-5	Correction to cell configuration	F	5.1.1	5.2.0	T1-020713	TEI	R99, Rel-4, Rel-5
34.123-1	337	-	Rel-5	Clause 8.1 (Package 1) Rel-5: Correction from CRs approved in RP17meeting	F	5.1.1	5.2.0	T1-020784	TEI	R99, Rel-4, Rel-5
34.123-1	338	-	Rel-5	CR to Package 1 TC 8.4.1.1: Correction from CRs approved in RP17meeting and T1S020726/727 (revision to T1S020750, T1S020856)	F	5.1.1	5.2.0	T1-020786	TEI	R99, Rel-4, Rel-5
34.123-1	339	-	Rel-5	Clause 8.2 (Package 1) Rel-5: Correction from CRs approved in RP17meeting	F	5.1.1	5.2.0	T1-020787	TEI	R99, Rel-4, Rel-5
34.123-1	340	-	Rel-5	Clause 8.3 (Package 1) Rel-5: Correction from CRs approved in RP17meeting	F	5.1.1	5.2.0	T1-020788	TEI	R99, Rel-4, Rel-5
34.123-1	341	-	Rel-5	Clause 8.3 (Package 1) Rel-5: Correction from CRs approved in RP17meeting (Revision to T1S020737)	F	5.1.1	5.2.0	T1-020789	TEI	R99, Rel-4, Rel-5
34.123-1	342	-	Rel-5	Update to clause 10 Circuit Switched Call Control tests as revision of T1S-020584	F	5.1.1	5.2.0	T1-020790	TEI	R99, Rel-4, Rel-5
34.123-1	343	-	Rel-5	Editorial corrections in test cases 11.1.1.1, 11.3.2 (Package 1) and 11.1.1.2.1 (Package 3).	F	5.1.1	5.2.0	T1-020792	TEI	R99, Rel-4, Rel-5
34.123-1	344	-	Rel-5	Extension of 'Test purpose' in test case 11.3.1 (Package 1 test case).	F	5.1.1	5.2.0	T1-020793	TEI	R99, Rel-4, Rel-5
34.123-1	345	-	Rel-5	Modifications and corrections of GMM test cases	F	5.1.1	5.2.0	T1-020794	TEI	R99, Rel-4, Rel-5
34.123-1	346	-	Rel-5	Update to test cases 6.1.1.2, 6.1.1.5, 6.2.1.5 and 6.2.1.9, removal of test case 6.1.1.6	F	5.1.1	5.2.0	T1-020795	TEI	R99, Rel-4, Rel-5
34.123-1	347	-	Rel-5	Cell re-selection within RRC package 2 test case 8.2.2.18 on radio bearer reconfiguration (as T1S-020822rev1)	F	5.1.1	5.2.0	T1-020804	TEI	R99, Rel-4, Rel-5
34.123-1	348	-	Rel-5	Specification of package 2 TC 8.2.2.11 Unsupported UE configuration (as T1S-020773rev1)	F	5.1.1	5.2.0	T1-020805	TEI	R99, Rel-4, Rel-5

34.123-1	349	-	Rel-5	Corrections to package 2 test case 8.3.1.9 regarding timers	F	5.1.1	5.2.0	T1-020806	TEI	R99, Rel-4, Rel-5
34.123-1	350	-	Rel-5	Update to package 2 RRC test case 8.3.2.1 to use two cells	F	5.1.1	5.2.0	T1-020807	TEI	R99, Rel-4, Rel-5
34.123-1	351	-	Rel-5	Removal of the IE "New U-RNTI" in package 2 RRC test case 8.2.2.1	F	5.1.1	5.2.0	T1-020808	TEI	R99, Rel-4, Rel-5
34.123-1	352	-	Rel-5	Correction non-existing periodic RLC status timer value in package 2 and low priority RRC test cases	F	5.1.1	5.2.0	T1-020809	TEI	R99, Rel-4, Rel-5
34.123-1	353	-	Rel-5	Correction to Package 2 RRC test cases (T1S020729rev1, T1S020808rev1, T1S020825rev1, T1S020833rev1)	F	5.1.1	5.2.0	T1-020810	TEI	R99, Rel-4, Rel-5
34.123-1	354	-	Rel-5	Clause 8.2 (Package 2) Rel-5: Correction from CRs approved in RP17meeting (revision of T1S-020738)	F	5.1.1	5.2.0	T1-020811	TEI	R99, Rel-4, Rel-5
34.123-1	355	-	Rel-5	Clause 8.3 (Package 2) Rel-5: Correction from CRs approved in RP17meeting	F	5.1.1	5.2.0	T1-020812	TEI	R99, Rel-4, Rel-5
34.123-1	356	-	Rel-5	Corrections to Clause 8.4 Measurement Test Cases	F	5.1.1	5.2.0	T1-020813	TEI	R99, Rel-4, Rel-5
34.123-1	357	-	Rel-5	Update of Test procedure in test case 9.4.2.5 (Package 2)	F	5.1.1	5.2.0	T1-020814	TEI	R99, Rel-4, Rel-5
34.123-1	358	-	Rel-5	Clause 8.4 (Package 2) Rel-5: Correction from CRs approved in RP17meeting (revision to T1S020740)	F	5.1.1	5.2.0	T1-020816	TEI	R99, Rel-4, Rel-5
34.123-1	359	-	Rel-5	Corrections to package 3 idle mode test cases	F	5.1.1	5.2.0	T1-020820	TEI	R99, Rel-4, Rel-5
34.123-1	360	-	Rel-5	Corrections to package 3 RRC 8_1_x (Connection mgmt) as revision of T1S-020778.	F	5.1.1	5.2.0	T1-020821	TEI	R99, Rel-4, Rel-5
34.123-1	361	-	Rel-5	Corrections to package 3 RRC 8_2_x (Radio Bearer procedure) as revision of T1S-020779.	F	5.1.1	5.2.0	T1-020822	TEI	R99, Rel-4, Rel-5
34.123-1	362	-	Rel-5	Corrections to package 3 RRC 8_3_x (Connection mobility procedure) as revision of T1S-020780.	F	5.1.1	5.2.0	T1-020823	TEI	R99, Rel-4, Rel-5
34.123-1	363	-	Rel-5	Corrections to package 3 Inter-RAT measurement test cases	F	5.1.1	5.2.0	T1-020824	TEI	R99, Rel-4, Rel-5
34.123-1	364	-	Rel-5	Update to TC7.2.3.19(RLC PDU Continuous Transmission)	F	5.1.1	5.2.0	T1-020714	TEI	R99, Rel-4, Rel-5
34.123-1	365	-	Rel-5	CR to 34.123-1 R5 : Addition of test cases for RBs for conversational/speech service based on TS 34.108	F	5.1.1	5.2.0	T1-020676	LCRT DD	Rel-4, Rel-5
34.123-1	366	-	Rel-5	CR to 34.123-1 R5 : Addition of test cases for RBs for conversational/unknown service based on TS 34.108	F	5.1.1	5.2.0	T1-020677	LCRT DD	Rel-4, Rel-5
34.123-1	367	-	Rel-5	CR to 34.123-1 R5 : Editorial correction and update for the existed RB test cases	F	5.1.1	5.2.0	T1-020678	LCRT DD	Rel-4, Rel-5
34.123-1	368	-	Rel-5	Corrections and updates for Idle mode TCs (TDD) in a pure 3GPP environment	F	5.1.1	5.2.0	T1-020695	TEI	R99, Rel-4, Rel-5
34.123-1	369	-	Rel-5	Corrections and updates for Idle mode TCs (TDD) in a 2G/3G environment	F	5.1.1	5.2.0	T1-020696	TEI	R99, Rel-4, Rel-5
34.123-1	370	-	Rel-5	Corrections to 8.1.2 RRC Connection Establishment and 8.1.3 RRC Connection Release, TDD tests	F	5.1.1	5.2.0	T1-020825	TEI	R99, Rel-4, Rel-5
34.123-1	371	-	Rel-5	New TDD test cases for 8.2.1 Radio Bearer Establishment and 8.2.2 Radio Bearer Reconfiguration.	F	5.1.1	5.2.0	T1-020826	TEI	R99, Rel-4, Rel-5
34.123-1	372	-	Rel-5	CR to TS34.123-1 R5 Addition of test cases for RBs for symmetric streaming/unknown service based on TS 34.108	F	5.1.1	5.2.0	T1-020828	LCRT DD	R99, Rel-4, Rel-5
34.123-1	373	-	Rel-5	CR to 34.123-1 R5 : Addition of test cases of for RBs for asymmetric streaming/unknown	F	5.1.1	5.2.0	T1-020829	LCRT DD	Rel-4, Rel-5

				service based on TS 34.108						
34.123-1	374	-	Rel-5	CR to 34.123-1 R5 : Addition of some test cases of for RBs for interactive/background service based on TS 34.108	F	5.1.1	5.2.0	T1-020830	LCRT DD	Rel-4, Rel-5
34.123-1	375	-	Rel-5	CR to 34.123-1 R5 : Correction of General information for radio bearer tests (1.28 Mcps TDD)	F	5.1.1	5.2.0	T1-020831	LCRT DD	Rel-4, Rel-5

?? **34.123-2**

The main issues discussed:

- Aligned with 34.123-1.

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

Spec	CR	Rev	Rel.	Subject	Cat	Version Current	Version New	Doc-2nd-Level	Work item	Remarks
34.123-2	084	-	Rel-5	Addition of cell reselection test case to applicability table	F	5.1.0	5.2.0	T1-020683	TEI	R99, Rel-4, Rel-5
34.123-2	085	-	Rel-5	Update to clause 10 Circuit Switched Call Control as revision of T1S-020585	F	5.1.0	5.2.0	T1-020791	TEI	R99, Rel-4, Rel-5
34.123-2	086	-	Rel-5	Removal of test case 6.1.1.6	F	5.1.0	5.2.0	T1-020796	TEI	R99, Rel-4, Rel-5
34.123-2	087	-	Rel-5	Update of Applicability statement for GMM	F	5.1.0	5.2.0	T1-020797	TEI	R99, Rel-4, Rel-5
34.123-2	088	-	Rel-5	Update of applicability table for MM	F	5.1.0	5.2.0	T1-020815	TEI	R99, Rel-4, Rel-5
34.123-2	089		Rel-5	Update of Table of Applicability of tests for RRC for TDD (both modes)	F	5.1.0	5.2.0	T1-020827	TEI, LCRT DD	R99, Rel-4, Rel-5
34.123-2	090		Rel-5	Addition of new TCs to table 1 applicability of tests	F	5.1.0	5.2.0	T1-020832	LCRT DD	Rel-4, Rel-5

?? **34.123-3**

First TTCN test was approved based on March 02 core specifications. This test case runs in 3 independent UE implementations, including the security mode.

A procedure has been established to quickly approve TTCN test cases on the e-mail reflector. Priority will be given to GCF Package 1 test cases. The T1 approved TTCN will be accumulate in an interim document that will be available on the server under the folder 'TTCN delivery'.

At this point, the **TTCN approval procedure** was presented in **T1-020892**. The document included some explanation about checking the other versions of the TTCN and

include it in v1.4.0 before expending time in discovering errors already discovered. In case of discrepancies, it is up to T1/Sig to decide which solution is preferred.
The document was [agreed](#).

One test case in TTCN (TC_8_1_2_1) is presented for approval. **T1-020785** contains changes necessary to the v140 ATS to make it run correctly. The test case was [agreed](#).

Two additional test cases will be approved on the e-mail reflector before the T#18 meeting.

T1-020879: 34.123-3 for approval

The document was agreed as v2.0.0 to be presented for approval at the T meeting. It was noted that at the moment, Annex A.4 only contains a test case listed (the one approved). In case the two additional test cases get approved in the e-mail. This spec will be updated before presented to T.
The document was [agreed](#).

It was noted that the test case approved is without integrity activated. The same test case included integrity will be posted for e-mail approval. In case it is not approved, the test cases without integrity will be presented to T.

T1-020877: November 2002 report on MCC Task 160 and TTCN verification database

Mr Hu (ETSI MCC) presented the document. The main issues in the report were:

?? TTCN progress:

- o Work concentrated on GCF prioritised test cases.
- o Funding of 11 mm received from GSMA; Motorola contributed with 3 mm; 7 mm expected from UE manufacturers not received yet.
- o v150 delivered in September; v151 delivered in October
- o 15% of package 1 has been verified against real UE or test mobile

?? TTCN delivery plan: v160 planned for December 02 based on September 02 core specifications and including integrity as mandatory.

?? TTCN funding: PCG/OP supported the TTCN expert team. 58 mm approved for 2003.

Questions and comments:

?? Mr Nielsen said he has received many request for clarification of the meaning of the term 'verified'. In the TTCN progress it was requested to change the sentence '15% verified against real UE or test mobile' by '15% run against real UE or test mobile'.
Due to this modification the report was [revised](#) in **T1-020894** and [agreed](#).

?? **Other issues**

T1-020781: New PRD on Reference Message Contents definition for 34.123-3

This document contains informative definition of message content for members to access without TTCN viewing tools. The document was [agreed](#).

The report was [noted](#).

8.3 TSG-T1/RF status report

Mr Yonekura (Fujitsu) presented the report from the T1/RF subgroup included in document **T1-020630**.

The main issues discussed:

?? RRM: Not many new test cases, due to focus on improving the existing test cases
An update on the progress in this area is presented in **T1-020771**:

Availability of test cases R99 FDD RRM (Availability in the previous meeting)

TS25.133	100 %	(98 %)
TS34.121	83.3 %	(83.7 %)

Availability of test cases R99 TDD RRM (Availability in the previous meeting)

TS25.123	100 %	(90 %)
TS34.122	45.5 %	(55.6 %)

Availability of test cases Rel-4 TDD RRM (Availability in the previous meeting)

TS25.123	100 %
TS34.122	40.6 %

It was noted that the number of test cases for Rel-4 TDD is (28/69). This is wrongly specified in the presentation.

The document was [noted](#).

The test tolerances has been introduced in the test cases.

LS sent to RAN4 on clarification on cell-reselection single carrier case.

- ?? Maintenance of R99 specifications: Data base maintained
- ?? Total test time optimisation: New theory under development that will be included in a new TR 34.901 "Test Time Optimisation based on statistical approaches".
- ?? Test Case prioritisation: Although GCF expects package 1 RF tests refers to Mar 02 version of core specification, RF SWG would keep updating the test specification based on latest core specification but providing additional information identifying the differences between the versions of core specifications (see T1-020772 below).

T1-020772: Forward compatibility between CRs approved between Sept 02 and March 02 RF Core specification

Following an action point from Monday to T1/RF, Mr Guillot presented a document containing a comparison between different versions of the core specifications. In the document, several CRs to the core specifications are marked as potential problem with March 02 version.

The document was [noted](#) and the action point was closed.

?? 34.121

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

Spec	CR	Rev	Release	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
34.121	212	-	R99	Correction of table titles of Demodulation of DCH in closed loop transmit diversity mode test case	F	3.10.0	3.11.0	T1-020631
34.121	213	-	R99	Maintenance of FDD/TDD Cell Re-selection test case	F	3.10.0	3.11.0	T1-020632
34.121	214	-	R99	Maintenance of UE Transmit Timing test case	F	3.10.0	3.11.0	T1-020633
34.121	215	-	R99	Correction of ACLR absolute power limit	F	3.10.0	3.11.0	T1-020634
34.121	216	-	R99	Correction to clause 8.3.6 Cell Re-selection in CELL_PCH	F	3.10.0	3.11.0	T1-020636
34.121	217	-	R99	Maintenance of 8.4.2.4 Correct behavior when reaching maximum transmit power	F	3.10.0	3.11.0	T1-020637
34.121	218	-	R99	Correction of table numbers	F	3.10.0	3.11.0	T1-020639
34.121	219	-	R99	Correction of message parameter	F	3.10.0	3.11.0	T1-020640
34.121	220	-	R99	Correction of test parameter in 8.4.2.3 Correct behavior when Time-out	F	3.10.0	3.11.0	T1-020641
34.121	221	-	R99	Modification of the Random Access Test 8.4.2.1, Correct behaviour when receiving an ACK.	F	3.10.0	3.11.0	T1-020651
34.121	222	-	R99	Modifications to the test case for Inner Loop Power Control in the Uplink in TS34.121	F	3.10.0	3.11.0	T1-020642
34.121	223	-	R99	Correction of SCH side conditions and other corrections	F	3.10.0	3.11.0	T1-020750
34.121	224	-	R99	Corrections of test for power setting in uplink compressed mode	F	3.10.0	3.11.0	T1-020751
34.121	225	-	R99	Text for annex F.6.2 Statistical testing of RRM delay performance	F	3.10.0	3.11.0	T1-020752
34.121	226	-	R99	Maintenance of annex F.6.1 Statistical testing of BER BLER performance	F	3.10.0	3.11.0	T1-020753
34.121	227	-	R99	Dual limit BLER tests	F	3.10.0	3.11.0	T1-020754
34.121	228	-	R99	Correction of test method: Out-of-synchronisation handling of output power	F	3.10.0	3.11.0	T1-020755
34.121	229	-	R99	Correction of table and subclause references	F	3.10.0	3.11.0	T1-020756
34.121	230	-	R99	Revision of table titles in Sec 8. to provide unique and unambiguous descriptions	F	3.10.0	3.11.0	T1-020757
34.121	231	-	R99	Correction to clause 8.3.2 FDD/FDD Hard Handover	F	3.10.0	3.11.0	T1-020758
34.121	232	-	R99	Correction to PHYSICAL CHANNEL RECONFIGURATION message that activates compressed mode	F	3.10.0	3.11.0	T1-020759
34.121	233	-	R99	Introduction of test tolerances in Cell Reselection multi carrier test cases	F	3.10.0	3.11.0	T1-020769
34.121	234	-	R99	Correction of UL reference measurement channel	F	3.10.0	3.11.0	T1-020889

T1-020766: CR to 34.121 on Correction of UL reference measurement channel

This CR was revised during the meeting. Nortel proposed some changes. The CR was revised in T1-020889 and agreed.

T1-020758: CR to 34.121 on Correction to clause 8.3.2 FDD/FDD Hard Handover

Conditionally agreed to the conformation form RAN4. This will be done in the reflector.

Status of completeness:

	Last meeting	Now
Transmitter	100%	100%
Receiver	100%	100%
Performance	100%	100%
Support of RRM (*)	84%	84%
Annex	100%	100%

Note: These values are related to the completeness of the core specs. The RRM core specs have not changed since the last meeting.

Outstanding issues:

?? Test tolerances; waiting for answer from RAN4.

?? Higher priority tests to be completed on time

?? **34.122**

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

Spec	CR	Rev	Release	Subject	Cat	VersionCurrent	Version-New	Doc-2nd-Level	Work item
34.122	110	-	R99	Inclusion of TDD RRC re-establishment delay test cases	F	3.9.0	3.10.0	T1-020760	-
34.122	111	-	R99	Correction to power control accuracy test cases in 34.122	F	3.9.0	3.10.0	T1-020645	-
34.122	112	-	R99	Averaging period for ACLR	F	3.9.0	3.10.0	T1-020647	-
34.122	113	-	R99	Various updates to 34.122 based on RAN4 CRs	F	3.9.0	3.10.0	T1-020649	-
34.122	114	-	R99	Correction to downlink power control requirements in 34.122	F	3.9.0	3.10.0	T1-020643	-
34.122	115	-	Rel-4	Corrections of TDD out-of Synchronisation Output power	F	4.5.0	4.6.0	T1-020762	LCRT DD
34.122	116	-	Rel-4	Addition of LCR sub-section of TDD/TDD Intra- and Inter- frequency handover test cases.	F	4.5.0	4.6.0	T1-020764	LCRT DD
34.122	117	-	Rel-4	Correction to power control accuracy test cases in 34.122	A	4.5.0	4.6.0	T1-020646	TEI
34.122	118	-	Rel-4	Averaging period for ACLR	A	4.5.0	4.6.0	T1-020648	TEI
34.122	119	-	Rel-4	Various updates to 34.122 based on RAN4 CRs	A	4.5.0	4.6.0	T1-020650	TEI
34.122	120	-	Rel-4	Inclusion of RRC re-establishment delay test cases	F	4.5.0	4.6.0	T1-020761	LCRT DD

34.122	121	-	R99	Corrections of TDD out-of Synchronisation Output power	F	3.9.0	3.10.0	T1-020763	-
34.122	122	-	Rel-4	Correction to downlink power control requirements in 34.122	A	4.5.0	4.6.0	T1-020644	TEI
34.122	123	-	Rel-4	P-CCPCH RSCP Test Cases for LCRTDD	F	4.5.0	4.6.0	T1-020765	LCRTDD

Status of completeness for R99:

	Last meeting	Now
Transmitter	100%	100%
Receiver	100%	100%
Performance	100%	100%
Support of RRM	56%	45%
Annex	100%	100%

Note: These values are related to the completeness of the core specs. Decrease in the RRM section due to an increase on the content of core specifications.

Status of completeness for Rel-4:

	Last meeting	Now
Transmitter	100%	100%
Receiver	100%	100%
Performance	100%	100%
Support of RRM	30%	40%
Annex	100%	100%

Note: These values are related to the completeness of the core specs.

Outstanding issues:

- ?? Small number of contributions
- ?? Low interest in 3.84 Mcps TDD

?? 34.108

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

Spec	CR	Rev	Release	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level	Workitem
34.108	153	-	R99	Reference Measurement Channels	F	3.9.0	3.10.0	T1-020767	-
34.108	154	-	Rel-4	Reference Measurement Channels	A	4.4.0	4.5.0	T1-020768	TEI

?? LSS

T1-020652: LS to RAN4 on the value of Maximum allowed UL TX power in case of correct behaviour

T1-020653: LS to RAN4 on the key concepts and parameters for BER/BLER statistical

These two LS were approved at Singapore and are presented for information. The LSs were [noted](#).

T1-020770: LS on Uplink reference measurement channels

This LS is presented for approval. T1 asks R2 and R4 for guidance on the problem explained in the LS. It was noted that some of the attachments have to be modified and additionally, the date of the next meeting has to be corrected.

The LS was [revised](#) in **T1-020891** and [agreed](#).

The report was [noted](#).

9 Work plan

T1-020890: Update on T1 Work Plan

Mr George presented the document.

R99:

?? LCR TDD, Testing Layer 2 and layer 3 protocol aspects (SIG): delay of completion dates.

?? Extensions to R99 Test cases (SIG), covers the completion of FDD prose and TTCN:
During the meeting it was agreed that the extension of R99 test cases shall stop by December 2003 for the prose and March 04 for the TTCN.

Rel-5:

?? Inclusion of place holder for Additional test specifications required for Rel 5, Radio Interface Improvements feature

No new WI for approval.

The document was [revised](#) in **T1-020893** and [noted](#).

10 Postponed issues

None.

11 AOB

T1-020881: TR34.910 v1.2.0

Mr Nielsen presented this new version of the report on Identification of test requirements for regulatory purposes in different regions/countries for information.
The document was [noted](#).

17 Closing of the meeting

Mr Nielsen thanked the host and closed the meeting at 15.30 on Friday.

Annex A. List of participants.

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Annex B. List of documents

Tdoc	Title	Source	Revised	Result
T1-020613	Agenda T1#17 in Luton	Chairman	744	revised
T1-020614	Report T1#16	ETSI MCC		agreed
T1-020615	LS on use of hard or soft decisions in RRM tests (R4-021302)	R4		noted
T1-020616	LS on test cases for short messages type 0 (T2-020756)	T2		noted
T1-020617	LS from RAN to TSG-T on new RAN TR collecting example RABs (RP-020664) (TP-020257)	T		noted
T1-020618	LS on Additional RAB configurations in 34.108 (R1-021126)	R1		noted
T1-020619	LS on Reference configurations in TS 34.108 (R2-022204)	R2		noted
T1-020620	LS on Answer LS on test cases for unsupported UE configuration (R2-022206)	R2		noted
T1-020621	LS on Response to LS (T1-020606) on Layer 2 tests in 34.123 (R2-022207)	R2		noted
T1-020622	PRD T1-07 v3: Handling of common issues between 3GPP TSG-GERAN WG5* and 3GPP TSG-T WG1	ETSI MCC		noted
T1-020623	LS on TTCN Verification and Approval Procedure	TWG		noted
T1-020624	Report T#17	ETSI MCC		noted
T1-020625	Report SA#17	ETSI MCC		noted
T1-020626	Report PCG #9	ETSI MCC		noted
T1-020627	Report OP #8	ETSI MCC		noted
T1-020628	Reports from GERAN4 and GERAN5 #11	ETSI MCC		noted
T1-020629	Not used			
T1-020630	RF Status report	RF chairman		noted
T1-020631	CR to 34.121 Correction of table titles of Demodulation of DCH in closed loop transmit diversity mode test case	RF subgroup		agreed
T1-020632	CR to 34.121 Maintenance of FDD/TDD Cell Re-selection test case	RF subgroup		agreed
T1-020633	CR to 34.121 Maintenance of UE Transmit Timing test case	RF subgroup		agreed
T1-020634	CR to 34.121 Correction of ACLR absolute power limit	RF subgroup		agreed
T1-020635	CR to 34.121 Correction of test for power setting in uplink compressed mode	RF subgroup		withdrawn
T1-020636	CR to 34.121 Correction to clause 8.3.6 Cell Re-selection in CELL_PCH	RF subgroup		agreed
T1-020637	CR to 34.121 Maintenance of 8.4.2.4 Correct behavior when reaching maximum transmit power	RF subgroup		agreed
T1-020638	CR to 34.121 Introduction of test tolerances in 'Cell Re-selection in CELL_FACH'	RF subgroup		withdrawn
T1-020639	CR to 34.121 § 8.3.1 Correction of table numbers	RF subgroup		agreed
T1-020640	CR to 34.121 § 8.6.1.2 Correction of message parameter	RF subgroup		agreed
T1-020641	CR to 34.121 Draft CR Correction of test parameter in 8.4.2.3 Correct behavior when Time-out	RF subgroup		agreed
T1-020642	CR to 34.121 Modifications to the test case for Inner Loop Power Control in the Uplink in TS34.121	RF subgroup		agreed
T1-020643	CR to 34.122 Correction to downlink power control requirements in 34.122	RF subgroup		agreed
T1-020644	CR to 34.122 Correction to downlink power control requirements in 34.122 REL-4	RF subgroup		agreed
T1-020645	CR to 34.122 Update to UL PC Differential Accuracy in 34.122	RF subgroup		agreed
T1-020646	CR to 34.122 Update to UL PC Differential Accuracy in 34.122 REL-4	RF subgroup		agreed
T1-020647	CR to 34.122 Averaging period for ACLR in 34.122	RF subgroup		agreed
T1-020648	CR to 34.122 Averaging period for ACLR in 34.122 REL-4	RF subgroup		agreed
T1-020649	CR to 34.122 Various updates to 34.122 based on RAN4 CRs	RF subgroup		agreed

T1-020650	CR to 34.122 Various updates to 34.122 based on RAN4 CRs REL-4	RF subgroup		agreed
T1-020651	CR to 34.121 Modification of the Random Access Test 8.4.2.1, Correct behaviour when receiving an ACK.	RF subgroup		agreed
T1-020652	LS on the value of Maximum allowed UL TX power in case of correct behaviour at time-out test of Random Access (T1R020308)	RF subgroup		noted
T1-020653	LS to RAN4 on the key concepts and parameters for BER/BLER Statistical Approach (T1R020310)	RF subgroup		noted
T1-020654	LS on Reply to LS on applicability of the RAB configuration used for RLC testing (R2-022685)	R2		noted
T1-020655	LS on latest GCF UTRA Protocol Test Case Prioritisation (UA-02-024)	GCF U-AG		noted
T1-020656	LS on latest GCF UTRA RF Test Case Prioritisation (UA-02-025)	GCF U-AG	743	replaced
T1-020657	CR to TS34.108 R99; Correction to default messages in 9.1 and 9.2	Sig subgroup		agreed
T1-020658	CR to TS34.108 REL-4; Correction to default messages in 9.1 and 9.2	Sig subgroup		agreed
T1-020659	CR to TS34.123-1; Correction to package 1 test case 7.2.3.22	Sig subgroup		agreed
T1-020660	CR to TS34.123-1; Correction to package 1 test case 7.2.3.23	Sig subgroup		agreed
T1-020661	About the verification of RRC failure cases	Sig subgroup		not presented
T1-020662	CR to TS34.123-1 R5; Update to Broadcast of System Information in test case 8.1.10	Sig subgroup		agreed
T1-020663	CR to TS34.123-1 R5; Correction of package 2 test case for Inter System HO	Sig subgroup		agreed
T1-020664	CR to TS34.123-1 R5; Corrections to generic setup procedure for radio bearer testing	Sig subgroup		agreed
T1-020665	Agenda for T1/SIG meeting #25	Sig subgroup		not presented
T1-020666	CR to TS34.123-1 R5; Addition of Integrity protection test case	Sig subgroup		agreed
T1-020667	CR to TS34.123-1 R5; Corrections to package 2 MM test case 9.4.4	Sig subgroup		agreed
T1-020668	CR to TS34.123-1 R5; Corrections of package 1 test case 8.1.1.7	Sig subgroup		agreed
T1-020669	CR to TS34.123-1 clause 9, introduction of a new test case for the integrity protection of NAS signalling message	Sig subgroup		agreed
T1-020670	CR to TS34.123-1 R5: Update to clause 10 Circuit Switched Call Control tests	Sig subgroup	790	revised
T1-020671	CR to TS34.123-2 R5: Update to clause 10 Circuit Switched Call Control tests	Sig subgroup	791	revised
T1-020672	CR to TS34.123-1 R5: Update to clause 13 Emergency call tests	Sig subgroup	792	revised
T1-020673	CR to TS34.108 R99 ; Section 5.1.2 Corrections of TDD test frequencies for signaling TCs Rel 99	Sig subgroup		agreed
T1-020674	CR to TS34.108 R99 ; Section 5.1.2 Corrections of TDD test frequencies for signaling TCs Rel 4	Sig subgroup		agreed
T1-020675	CR to TS 34.123-1 R5 : Clarification of generic radio bearer test procedure for NB-TDD	Sig subgroup		withdrawn
T1-020676	CR to TS34.123-1 R5 : Addition of conversational/speech RB test cases to Chap 18 for NB-TDD	Sig subgroup		agreed
T1-020677	CR to TS34.123-1 R5 : Addition of conversational/unknown RB test cases to chap 18 for NB-TDD	Sig subgroup		agreed
T1-020678	CR to TS34.123-1 R5 : Correction of the existed RB test cases to chap 18 for NB-TDD	Sig subgroup		agreed
T1-020679	34.123-3 V150	Sig subgroup		withdrawn
T1-020680	CR to TS34.123-1 R5; Correction to SMS test cases, clause 16	Sig subgroup		revised and for e-mail approval
T1-020681	CR to TS34.123-1 R5; Correction to test case 12.6.1.3.3 Authentication rejected by the UE /fraudulent network	Sig subgroup		postponed
T1-020682	CR to TS34.123-2 R5; Addition of new RB test cases to Table 1	Sig subgroup		withdrawn
T1-020683	CR to TS34.123-2 R5; Addition of cell reselection test case to applicability table	Sig subgroup		agreed

T1-020684	LS on Applicability of the RAB configuration used for RLC testing	Sig subgroup		not available
T1-020685	CR to TS34.123-1 R5; Modification to package 1 RLC Test Cases	Sig subgroup		agreed
T1-020686	CR to TS34.108 R99; Corrections to SIB11 and SIB12	Sig subgroup	711	revised
T1-020687	CR to TS34.108 REL-4; Corrections to SIB11 and SIB12	Sig subgroup	712	revised
T1-020688	CR to TS34.123-1 R5; Corrections to title of Radio Bearer Test Cases 14.4.2a.1, 14.4.2a.2 and 14.4.2a.3	Sig subgroup		agreed
T1-020689	CR to TS34.123-1 R5; Corrections to MAC Package 1 test cases 7.1.1.2,7.1.1.3,7.1.1.4,7.1.1.5 and 7.1.1.8	Sig subgroup		agreed
T1-020690	CR to TS34.123-1 clause 12, introduction of a new test case for the integrity protection of NAS signalling message	Sig subgroup		agreed
T1-020691	CR to TS34.123-1 R5; General corrections for clause 6	Sig subgroup		agreed
T1-020692	CR to TS34.123-1 R5; Addition of cell reselection test case to verify use of cell status and cell reservations	Sig subgroup		agreed
T1-020693	CR to 34.108 on Change to the UL:8 DL 8 kbps PS transport channel configuration(R99)	Sig subgroup		agreed
T1-020694	CR to 34.108 on Change to the UL:8 DL 8 kbps PS transport channel configuration(Rel4)	Sig subgroup		agreed
T1-020695	CR to TS34.123-1 R5; Section 6.1 Corrections and updates for Idle mode TCs (TDD) in a pure 3GPP environment	Sig subgroup		agreed
T1-020696	CR to TS34.123-1 R5; Section 6.2 Corrections and updates for Idle mode TCs (TDD) in a 2G/3G environment	Sig subgroup		agreed
T1-020697	CR to TS34.123-1 R5; Correction of package 2 test cases on Measurements	Sig subgroup		agreed
T1-020698	CR to TS34.123-1 R5; Correction of test case for timing re-initialised inter-frequency handover	Sig subgroup		agreed
T1-020699	CR to TS34.123-1 R5; Corrections to test cases 8.3.1.23, 8.3.1.24 and 8.3.2.13 (HCS Reselection)	Sig subgroup		agreed
T1-020700	CR to TS34.123-1 R5; Correction to test case 9.3.2 Handling of IMSI shorter than the maximum length	Sig subgroup		agreed
T1-020701	CR to TS34.123-1 R5; Correction to MM test 9.5.7.2	Sig subgroup		agreed
T1-020702	Process for Initial Approval of Test Cases	Sig subgroup		noted
T1-020703	CR to TS34.123-1 Correction to clause 14.2.51b.2	Sig subgroup		agreed
T1-020704	CR to TS34.123-1 R5 Correction to RLC P1 7.2.3.12 Correct use of Sequence Numbering	Sig subgroup		agreed
T1-020705	CR to TS34.123-1 R5 Correction to package 1 test case 7.2.3.13 and 7.2.3.14	Sig subgroup		agreed
T1-020706	CR to TS34.123-1 R5; Correction to TC 8.1.9 (Package 1) as 674 rev1	Sig subgroup		agreed
T1-020707	CR to TS34.123-1 R5; Corrections to package 1 & 2 idle mode test cases as T1S020700rev1	Sig subgroup		agreed
T1-020708	CR to TS34.108 Rel99 Correction to clause 6.10.2 to reflect void RAB combination	Sig subgroup		agreed
T1-020709	CR to TS34.108 R4 Correction to clause 6.10.2 to reflect void RAB combination	Sig subgroup		agreed
T1-020710	CR to TS34.123-1 R5; Correction of Package 1 test cases as revision of 630	Sig subgroup		agreed
T1-020711	CR to TS34.108 R99; Correction to SIB 11/12 definition as T1S020704rev1	Sig subgroup		agreed
T1-020712	CR to TS34.108 Rel4; Correction to SIB 11/12 definition as T1S020705rev1	Sig subgroup		agreed
T1-020713	CR to TS34.123-1 R5; Correction to cell configuration	Sig subgroup		agreed
T1-020714	CR to TS34.123-1 R5; Update to TC7.2.3.19 (RLC PDU continuous Transmission)	Sig subgroup		agreed
T1-020715	Reply to LS on Applicability of the RAB configuration used for RLC testing	Sig subgroup	716	revised
T1-020716	Revision of 715	T1		agreed
T1-020717	T1/Sig report	Sig subgroup		noted

T1-020718	Reserved Dan	Sig subgroup		
T1-020719	Reserved Dan	Sig subgroup		
T1-020720	Reserved Dan	Sig subgroup		
T1-020721 to T1-020736	Reserved T1/Sig	Sig subgroup		not used
T1-020737	RRC testcase with state transition	Ericsson		noted
T1-020738	GCF UAG update	Hutchison 3G		noted
T1-020739	GCF UAG Case Priorities	Hutchison 3G		withdrawn
T1-020740	GSMA TWG Update	Hutchison 3G		noted
T1-020741	Updated Process for Initial Approval of Test Cases	Anritsu	776	revised
T1-020742	Generation of the approved ATS V300	R&S		noted
T1-020743	LS on latest GCF UTRA RF Test Case Prioritisation (UA-02-025r1)	GCF U-AG		noted
T1-020744	revision of 613 (agenda)	Chairman		
T1-020745	Conformance Assessment on Application Level	Vodafone D2		noted
T1-020746	LS on common test specifications for applications and services	Vodafone D2		noted
T1-020747	Field Trial Guidelines	Vodafone D2		noted
T1-020748	OMA testing	Orange		noted
T1-020749	LS on interim handling of Release 5 features in TS 34.108	Anritsu		agreed
T1-020750	CR to 34.121 on Correction of SCH side conditions and other corrections	RF subgroup		agreed
T1-020751	CR to 34.121 on Modifications to the test cases for Power setting in uplink compressed mode in TS34.121	RF subgroup		agreed
T1-020752	CR to 34.121 on RRM Delay statistics	RF subgroup		agreed
T1-020753	CR to 34.121 on Maintenance of annex F.6.1 BER BLER testing	RF subgroup		agreed
T1-020754	CR to 34.121 on Dual limit BLER test (annex 6.1)	RF subgroup		agreed
T1-020755	CR to 34.121 on Correction of test method: Out-of-synchronisation handling of output power	RF subgroup		agreed
T1-020756	CR to 34.121 on Correction of table and subclause references	RF subgroup		agreed
T1-020757	CR to 34.121 on Correction of table titles	RF subgroup		agreed
T1-020758	CR to 34.121 on Historical information about the withdrawn CR T1R020231	RF subgroup		conditionally agreed
T1-020759	CR to 34.121 on Correction to PHYSICAL CHANNEL RECONFIGURATION message that activates compressed mode	RF subgroup		agreed
T1-020760	CR to 34.122 on Inclusion of TDD RRC connection re-establishment delay test cases, Rel 99	RF subgroup		agreed
T1-020761	CR to 34.122 on Inclusion of TDD RRC connection re-establishment delay test cases, Rel 4	RF subgroup		agreed
T1-020762	CR to 34.122 on General corrections of TDD out-of-synchronisation handling of output power, rel 99	RF subgroup		agreed
T1-020763	CR to 34.122 on General corrections of TDD out-of-synchronisation handling of output power, Rel4	RF subgroup		agreed
T1-020764	CR to 34.122 on Addition of LCRTDD sub-section of TDD/TDD Intra and Inter frequency handover test cases, Rel 4.	RF subgroup		agreed
T1-020765	CR to 34.122 on P-CCPCH RSCP measurement test cases for LCRTDD, Rel 4	RF subgroup		agreed
T1-020766	CR to 34.121 on Correction of UL reference measurement channel	RF subgroup	889	revised
T1-020767	CR to 34.108 Reference Measurement Channels R99	RF subgroup		agreed
T1-020768	CR to 34.108 Reference Measurement Channels R4	RF subgroup		agreed
T1-020769	CR to 34.121 on Introduction of test tolerances in Cell reselection test cases	RF subgroup		agreed
T1-020770	LS on Uplink reference measurement channels	RF subgroup	891	revised
T1-020771	RRM status review	RF chairman		noted
T1-020772	Forward compatibility between Crs approved between Sept 02 and March 02 RF Core specification	RF subgroup		noted
T1-020773	reserved RF	RF subgroup		

T1-020774	reserved RF	RF subgroup		
T1-020775	LS on common test specifications for applications and services	T1	885	revised
T1-020776	revision of 741	Anritsu, Nokia, Ericsson EMP, H3G (UK)	878	revised
T1-020777	CR to TS34.108 R99 ; Transferring system information definition using ASN.1 description to PRD	Sig subgroup		agreed
T1-020778	CR to TS34.108 Rel-4 ; Transferring system information definition using ASN.1 description to PRD	Sig subgroup		agreed
T1-020779	CR to TS34.108 R99 Correction to RLC RAB TFCS	Sig subgroup		agreed
T1-020780	CR to TS34.108 Rel4 Correction to RLC RAB TFCS	Sig subgroup		agreed
T1-020781	Proposal of new PRD as T1S020850rev1	Sig subgroup		agreed
T1-020782	CR to TS34.108 R99 Correction to default message contents	Sig subgroup		agreed
T1-020783	CR to TS34.108 Rel4 Correction to default message contents	Sig subgroup		agreed
T1-020784	CR to TS34.123-1 Correction to clause 8.1 Package 1 RRC test cases by RAN#17 approved CR	Sig subgroup		agreed
T1-020785	Summary of Changes to TC_8_1_2_1 from TS 34.123-3 require for approval to V300 as T1S020835rev1	Sig subgroup		agreed
T1-020786	CR to TS34.123-1 Correction to TC8.4.1.1 by RAN2 CR(CR1558) and T1S020726/727 as T1S020856rev1	Sig subgroup		agreed
T1-020787	CR to TS34.123-1 Correction to clause 8.2 Package 1 RRC test cases by RAN#17 approved CR	Sig subgroup		agreed
T1-020788	CR to TS34.123-1 Correction to clause 8.3 Package 1 RRC test cases by RAN#17 approved CR	Sig subgroup		agreed
T1-020789	CR to TS34.123-1 Correction to clause 8.4 Package 1 RRC test cases by RAN#17 approved CR	Sig subgroup		agreed
T1-020790	CR to TS34.123-1 Update to clause 10 Circuit Switched Call Control tests as revision of T1S-020584	Sig subgroup		agreed
T1-020791	CR to TS34.123-2 Update to clause 10 Circuit Switched Call Control as revision of T1S-020585:	Sig subgroup		agreed
T1-020792	CR to TS34.123-1 Editorial corrections in test cases 11.1.1.1, 11.3.2 (Package 1) and 11.1.1.2.1 (Package 3)	Sig subgroup		agreed
T1-020793	CR to TS34.123-1 Extension of 'Test purpose' in test case 11.3.1 (Package 1 test case)	Sig subgroup		agreed
T1-020794	CR to TS34.123-1 Update of GMM test case as T1S020846rev1	Sig subgroup		agreed
T1-020795	CR to TS34.123-1 Update to test case 6.1.1.2, 6.1.1.5, 6.2.1.5 and 6.2.1.9 removal of test cases 6.1.1.6	Sig subgroup		agreed
T1-020796	CR to TS34.123-2 Removal of test cases 6.1.1.6	Sig subgroup		agreed
T1-020797	CR to TS34.123-2 Update of Applicability statement for GMM as T1S020752rev1	Sig subgroup		agreed
T1-020798	CR to TS34.108 R99; Corrections to SIB1 to SIB6	Sig subgroup		agreed
T1-020799	CR to TS34.108 R99; Corrections to SIB1 to SIB6	Sig subgroup		agreed
T1-020800	CR to TS34.108 R99 Correction to references in RAB configurations as T1S020755rev1	Sig subgroup		agreed
T1-020801	CR to TS34.108 Rel-4 Correction to references in RAB configurations as T1S020756rev1	Sig subgroup		agreed
T1-020802	CR to TS34.108 R99 ; Parameter addition for Reference RABs based on LS from RAN2	Sig subgroup		agreed
T1-020803	CR to TS34.108 Rel-4 ; Parameter addition for Reference RABs based on LS from RAN2	Sig subgroup		agreed
T1-020804	CR to TS34.123-1 REL-5; Cell re-selection within RRC Package 2 test case 8.2.2.18 on radio bearer reconfiguration as T1S020822rev1	Sig subgroup		agreed
T1-020805	CR to TS34.123-1 REL-5; Specification of Package 2 TC 8.2.2.11 Unsupported UE configuration as T1S020773rev1	Sig subgroup		agreed
T1-020806	CR to TS34.123-1 REL-5; Corrections to Package 2 test case 8.3.1.9 regarding timers	Sig subgroup		agreed

T1-020807	CR to TS34.123-1 REL-5; Update to Package 2 RRC test case 8.3.2.1 to use two cells	Sig subgroup		agreed
T1-020808	CR to TS34.123-1 REL-5; Removal of the IE "New U-RNTI" in RRC Package 2 test case 8.2.2.1	Sig subgroup		agreed
T1-020809	CR to TS34.123-1 REL-5; Correction non-existing periodic RLC status timer value in Package 2 and low priority RRC test cases	Sig subgroup		agreed
T1-020810	CR to TS34.123-1 Correction to Package 2 RRC test cases as T1S020833rev1	Sig subgroup		agreed
T1-020811	CR to TS34.123-1 Correction to clause 8.2 Package 2 RRC test cases by RAN#17 approved CR as T1S020738rev1	Sig subgroup		agreed
T1-020812	CR to TS34.123-1 Correction to clause 8.3 Package 2 RRC test cases by RAN#17 approved CR	Sig subgroup		agreed
T1-020813	CR to TS34.123-1 Clause 8.4 correction to measurement test cases	Sig subgroup		agreed
T1-020814	CR to TS34.123-1 Update of Test procedure in test case 9.4.2.5 (Package 2)	Sig subgroup		agreed
T1-020815	CR to TS34.123-2 Update of Applicability table for MM	Sig subgroup		agreed
T1-020816	CR to TS34.123-1 Correction to clause 8.4 Package 2 RRC test cases by RAN#17 approved CR as T1S020740rev1	Sig subgroup		agreed
T1-020817	CR to TS34.108 R99 ; Addition to clause 7.4 for multi call state as T1S020819rev1	Sig subgroup		agreed
T1-020818	CR to TS34.108 R99 ; Addition to clause 7.4 for multi call state as T1S020820rev1	Sig subgroup		agreed
T1-020819	CR to TS34.108 Rel5 RAB Combinations for IMS Services as T1S020675rev1	Sig subgroup		agreed
T1-020820	CR to TS34.123-1 R5; Corrections to package 3 idle mode test cases	Sig subgroup		agreed
T1-020821	CR to TS34.123-1 REL-5; Corrections to package 3 RRC 8_1_x (Connection management) as T1S020778rev1	Sig subgroup		agreed
T1-020822	CR to TS34.123-1 REL-5; Corrections to package 3 RRC 8_2_x (Radio Bearer procedure) as T1S020779rev1	Sig subgroup		agreed
T1-020823	CR to TS34.123-1 REL-5; Corrections to package 3 RRC 8_3_x (Connection mobility procedure) as T1S020780rev1	Sig subgroup		agreed
T1-020824	CR to TS34.123-1 REL-5; Corrections to package 3 Inter-RAT measurement test cases	Sig subgroup		agreed
T1-020825	CR to TS34.123-1 Corrections to 8.1.2 RRC Connection Establishment and 8.1.3 RRC Connection Release, TDD tests	Sig subgroup		agreed
T1-020826	CR to TS34.123-1 New TDD test cases for 8.2.1 Radio Bearer Establishment and 8.2.2 Radio Bearer Reconfiguration	Sig subgroup		agreed
T1-020827	CR to TS34.123-2 Update of Table of Applicability tests for RRC for TDD (both options)	Sig subgroup		agreed
T1-020828	CR to TS34.123-1 R5 Addition of test cases for RBs for symmetric streaming/unknown service based on TS34.108.	Sig subgroup		agreed
T1-020829	CR to TS34.123-1 R5 Addition of test cases for RBs for symmetric streaming/unknown service based on TS34.108.	Sig subgroup		agreed
T1-020830	CR to TS34.123-1 R5 Addition of test cases for RBs for interactive or background service based on TS34.108.	Sig subgroup		agreed
T1-020831	CR to TS34.123-1 Correction of chap 18.1.1 General information for radio bearer test(1.28 Mcps TDD)	Sig subgroup		agreed
T1-020832	CR to TS34.123-2 Addition of new TCs cases to table 1 applicability of tests	Sig subgroup		agreed
T1-020833 to T1-020876	reserved signalling	Sig subgroup		not used
T1-020877	TTCN status report	ETSI MCC	894	revised
T1-020878	Test case approval (revision of 776)	Anritsu, Nokia, Ericsson EMP, H3G (UK)	884	revised

T1-020879	TS 34.123-3 v1.4.0 for approval	ETSI MCC		agreed
T1-020880	Proposed meeting schedule	chairman, ETSI MCC		noted
T1-020881	TR34.910 v1.2.0	chairman		noted
T1-020882	NVIOT status report	Nortel		noted
T1-020883	Draft LS on authentication procedure for MS rejecting the network	Ericsson	888	revised
T1-020884	Revision of 878	Anritsu, Nokia, Ericsson EMP, H3G (UK)	886	revised
T1-020885	Revision of 775	T1		agreed
T1-020886	Revision of 878	Anritsu, Nokia, Ericsson EMP, H3G (UK)	887	revised
T1-020887	Revision of 886	Anritsu, Nokia, Ericsson EMP, H3G (UK)	892	revised
T1-020888	Revision of 883			agreed
T1-020889	Revision of 766	RF subgroup		agreed
T1-020890	T1 work items	Peter George	893	revised
T1-020891	Revision of 770	T1		agreed
T1-020892	Revision of 887	Anritsu, Nokia, Ericsson EMP, H3G (UK)		agreed
T1-020893	Revision of 890	Peter George		noted
T1-020894	Revision of 877	ETSI MCC		agreed

Annex C. List of LSs out

Tdoc number	Title	From	To	CC
T1-020885	LS on common test specifications for applications and services	T1	OMA	
T1-020716	Reply to LS on Applicability of the RAB configuration used for RLC testing	T1	RAN2	RAN1
T1-020888	LS on authentication procedure for MS rejecting the network	T1	CN1	
T1-020749	LS on interim handling of Release 5 features in TS 34.108	T1	T	
T1-020891	LS on Uplink reference measurement channels	T1	RAN2	RAN4

Annex D. Proposed Meeting Schedule for TSG-T1

TITLE	TYPE	DATES	LOCATION	CTR Y
3GPPT-#18	OR	4 - 6 Dec 2002	New Orleans	US
3GPPT1#18	WG	10 - 14 Feb 2003	San Antonio	US
3GPPT-#19	OR	12 - 14 Mar 2003	Birmingham	GB
3GPPT1#19	WG	12 - 16 May 2003	Korea	KR
3GPPT-#20	OR	4 - 6 Jun 2003	HÄMBEENLINN A	FI
3GPPT1#20	WG	28 July- 1 Aug 2003	Europe	
3GPPT-#21	OR	17 - 19 Sep 2003	DE	DE
3GPPT1#21	WG	3 - 7 Nov 2003	TBD	
3GPPT-#22	OR	10 - 12 Dec 2003	TBD	US

History

Date	Revision	Comments
13/11/02	0	First draft
28/11/02	1	Removal of Mr Maucksch from participant list, addition of details for T1-020771, addition of Mr Stolle to participant list, comment from Mr Susko, comment from Mr Yonekura, correction of title of CR in T1-020668.

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

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