



Technical Specification Group

TERMINALS

(TSG-T)

v0.4

Meeting Report of TSG-T meeting #18
New Orleans, Louisiana, USA 4 - 6 December 2002

Hosted by the North American Friends of 3GPP

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Chairman: Dr Sang-Keun Park (Samsung)
Vice-chairmen: Ed Ehrlich (Nokia Corporation) and Kevin Holley (mmO2)
Secretary: Friedhelm Rodermund (MCC)
Host: North American Friends of 3GPP

1 Opening of the Meeting and IPR reminder

The meeting was opened by Dr Sang-Keun PARK at 09:00. On behalf of the host, TSG-T vice-chairman Ed EHRLICH (Nokia) welcomed the delegates to New Orleans and Shannon KOLKA (SK Group) introduced to the meeting arrangements.

A list of the delegates present at the meeting can be found in annex B.

The chairman drew the attention of the delegates to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of. They were invited to investigate in their company whether their company does own IPRs which are, or are likely to become Essential in respect of the work of the TSG Terminals and to notify the Director-General or chairman of their respective Organizational Partners, of all potential IPRs that their company may own, by means of the IPR Statement and the Licensing declaration forms.

2 Approval of Agenda

[TP-020261](#) contains the draft agenda for TSG-T #18. The agenda was approved and can be found in annex A of this report.

3 Approval of the meeting report from TSG-T #17 meeting

[TP-020260](#) contains the draft report of TSG-T #17 (Biarritz, France, 4 - 6 September 2002). It was approved.

4 Letters and reports from other groups, LS incoming

4.1 OP, PCG, TSG SA, TSG CN, TSG RAN, TSG GERAN

[TP-020262](#) contains summary of TSG-SA#17 results related to TSG-T presented by the TSG-T secretary. The document was noted.

[TP-020263](#) contains the draft report of the TSG-SA #17 (Biarritz, France 9 – 12 September 2002). The report was noted without presentation.

[TP-020318](#) contains the draft report from OP#8, St Paul de Vence, 4 October 2002. The MCC budget was reduced from 6 190 kEUR (2002) to 5 797 kEUR (2003).

The report was noted.

[TP-020319](#) contains the draft report from PCG#9 St Paul de Vence, 3 October 2002. "In principle" agreement was given for the performance characterisation of default codecs for Packet Switched conversational multimedia applications, to be performed by an independent laboratory. "In principle" support given for the continued development of TTCN as a funded activity in 3GPP for 2003. Dr Asok Chatterjee (Ericsson, T1) appointed as PCG Chairman for 2003. Mr Karl Heinz Rosenbrock (ETSI) and Mr Nobuhiro Horisaki (TTC) appointed as PCG Vice Chairmen for year 2003. ITU-T proposing that Mobile IP (MIPv4/v6) was an appropriate protocol to support global roaming and service interoperability within and across IMT-2000 systems. The restriction on TSG Chairmen and Vice Chairmen standing for a third term of office (i.e., such candidature is only permitted in the absence of other candidatures) suspended for the purposes of the March 2003 elections.

- Regarding the relationship with OMA, the T2 chairman expressed his concerns on how effective the work in T2 will be in future considering that some companies seem to shift some resources towards OMA.

The report was noted.

[TP-020268](#) contains an LS from GERAN to T, T3 on SIM Application Toolkit Test Specification reporting about the progress made on the document, and informing that a first version of TS 11.10-4 Release 99 was approved. As soon as the remaining issues are resolved the ownership of TS 11.10-4 can be considered.

- The next T3 plenary meeting is after GERAN plenary meeting and it was noted that this could delay the process. Therefore the T3 vice-chairman Jean-Francois RUBON (Gemplus) announced to send the CRs to TS 11.10-4 R96, R97 and R98, removing the contents of the specification and replacing it by a pointer to the R99 version of the specification, as well as the CR to TS 51.010-2 correcting the Terminal Profile information, to the T3 reflector to get T3 agreement before they are submitted to the next GERAN meeting.

The LS was noted and TSG-T accepted the procedure of having T3 informal e-agreement for these CRs (at the same time to be posted to the TSG-T-reflector), and subsequently submitting the CRs to GERAN for formal approval. The next TSG-T meeting should be informed about the developments in this area.

[TP-020315](#) contains an LS from T3 to GERAN5, GERAN cc T on SIM toolkit test specification. T3 ask GERAN to approve the CR to 11.10-4 to upgrade the specification to R99 and to consider transfer of responsibility of the resulting specification to T3.

- The previous LS [TP-020268](#) is the reply to this LS [TP-020315](#).

The LS was noted.

[TP-020313](#) contains an LS from RAN2 to RAN, T cc T1 on removal of RABs from TS 34.108. RAN2 would like to ask TSG RAN and TSG T to consider the enclosed list of RAB combinations and determine whether there is any benefit in removing these RAB combinations from TS34.108.

- The T1 chairman reported that this has not been discussed in T1 yet but it is in line with T1's understanding and T1 will follow the guidelines given.
- The objective of this is to save time by avoiding loading T1 with tests which are not really necessary.
- The RAN2 chairman Denis FAUCONNIER joined the TSG-T meeting later and explained that this was sent to TSG-T directly because TSG-T was meeting before T1.

The LS was noted and T1 was asked to take the actions and decide on the open questions. The conclusions will be reported to TSG-T.

[TP-020314](#) contains an LS from RAN2 to T cc T1 on addition of conversational PS RAB to TS 34.108. RAN WG2 asks TSG-T to approve the attached CR on the addition of certain RAB combination for the Rel-4 TS34.108 v4.4.0.

- The T1 chairman expressed his concerns about RAN2 asking TSG-T directly to approve CRs. The CRs should be send to T1 first and then being submitted by T1 to TSG-T.
- The RAN2 chairman Denis FAUCONNIE joined the TSG-T meeting later and explained that this was sent to TSG-T directly because TSG-T was meeting before T1.

The LS was noted and T1 was asked to review the proposed CR and decide on it. The conclusions on the CR will be reported to TSG-T.

4.2 Others

[TP-020269](#) contains an LS from OMA TP to T cc T2 on MMS REL-5 Stage 3 informing about the progress made on the Stage 3 work for MMS Rel-5. The specification will be available for general public review during the Q1 of 2003.

- It was reported that two more LSs from OMA have been received by TSG-SA. One LS is related to "openness" and was made available for TSG-T as TP-020326. Draft specs can be shared with 3GPP in future. Meeting reports are not available for non OMA members.
- Four LSs related to MMS have been received by T2 related on technical clarifications in the area of MMS Rel-5.
- It was reported that T3 work has some relationship with OMA e.g. in the area of the WIM specification and provisioning. The OMA smartcard experts group will be integrated into the OMA security group.

The LS was noted.

5 Reports from TSG-T Working Groups

5.1 WG T1 Mobile Terminal Conformance Testing

5.1.1 Reports and liaisons from TSG-T WG1

[TP-020290](#) contains the status report from T1 covering the period since the last TSG-T meeting. [TP-020291](#) contains the draft minutes from the last T1 meeting.

5.1.1.1 RF test status

Five new RRM test cases were developed (all TDD) and corrections and updates to existing Test Cases were done.

For the maintenance of R99 Specifications a follow-up database is maintained which allows all core specification changes to be checked for relevance to test specifications.

A new strategy is pursued regarding the Total Test Time leading to the drafting of TR34.901 v0.1.0 "Test Time Optimisation based on statistical approaches".

A priority list for RF tests is provided by GCF. Although GCF expect their package 1 RF tests to refer to Mar 02 version of core specification, T1/RF SWG will keep updating the test specifications to test the latest version of the core specification. T1/RF SWG will, however, provide additional information identifying the differences between the versions of core specifications.

The status of the completeness of RRM tests was given (34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD): 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD))

5.1.1.2 Signalling test status

The T1 chairman clarified that in order for the GCF to certify a UE all high priority test cases related to signalling in packages 1-4 have to be passed.

A major milestone has been achieved by T1: the approval of the first TTCN test cases – leading to a version 3 of TS34.123 – 3, TTCN test specification

Status of TS 34.108 –Common Test Conditions for User Equipment (UE) Conformance Testing

Mainly maintenance and some small changes due to Sept 02 core specification CRs. Introduction of new RAB combinations and extensions for Multi-call. An Annex was added to accumulate Rel-5 information until content is large enough to justify a Rel-5 version (TSG-T advice from last meeting).

Status of TS 34.123-1 UE Conformance Specification, part 1- Conformance Statement

Almost 100% updated to September 2002 core specifications. Due to work load, E-mail approvals have been used extensively.

Congratulations were expressed by TSG-T to T1 for this great achievement!

Status of TS 34.123 – 2 –UE Conformance Specification, part 2 – ICS Implementation Statement

The TS was updated to reflect changes in TS34.123 – 1.

Status of TS 34.123 – 3 –UE Conformance Specification, part 3 – Abstract Test Suites (TTCN)

First 3 TTCN test cases are considered as verified by T1 were presented for approval. Several more TTCN test cases are in the approval process in T1. In parallel, work continues on stabilizing existing TTCN, to expand the TTCN coverage and to update existing TTCN to test latest versions of core specifications

T1 has been discussing the criteria for approving TTCN implementations of the 'base' prose test cases of T1 for some time. The target has been to create TTCN implementations, which are generally portable and which basic format is broadly accepted. A TTCN test case needs to be 'verified' before it can be approved by T1. Verification is based on input from the industry. A number of manufacturers of test equipment and handset technology have now reached a development status, which allows T1 to base its verification on real HW implementations of test equipment and of UEs. The TTCN presented here for approval, have been proven to run on 2 independent test

platforms and against 3 independent UEs. Several more companies have confirmed that the TTCN run in their labs.

[TP-020292](#) contains the TTCN Project Team (160) report.

TTCN verification is progressing well. 3 TC have been verified for approval. More than 60 P1 TC run at the simulation or test mobile basis. 52 P1 TC have been successfully executed against real UE. Received error reports changed from anonymous to named. The recent PCG/OP meeting considered the 3GPP central funds for a TTCN expert team as a cost-effective and efficient tool for the generation of UE interoperability test. Approved 58 MM budget for 2003 (R99 and REL-4).

- It was clarified that the development version of [TS 34.123 – 3](#) has to be continued and that test cases will be moved gradually from this version to the official version.
- It was noted that the announced 7 man months from UE manufacturers have not been received.

The TTCN status report was approved. It was noted that this approval is a necessary condition before the task force can be paid for the work they have undertaken.

5.1.1.3 Other issues

At the next T1 and T1 SWG meetings in San Antonio, TX, USA, February 2003, elections will be held for T1 chair, T1 vice chairs, T1 RF SWG chair, T1 RF SWG vice chair.

The T1 chairman thanked the T1 RF SWG chair Kunitoshi YONEKURA for all the work done.

The TSG-T chairman thanked the T1 chairman Bjarke NIELSEN in the name of TSG-T for all his work done during his terms of office.

It was reported that regarding the approval of the first TTCN test cases, a press release will be issued by ETSI, and possibly also the other 3GPP partners, detailing the importance of the achievements.

5.1.1.4 LS from T1 to TSG-T

[TP-020266](#) contains an LS from T1 to T on interim handling of Release 5 features in TS 34.108. T1 proposes as an interim solution that Release 5 features for TS 34.108 will be collected in an Annex of the Release 4 version of the specification until enough features have accumulated to warrant the additional maintenance effort.

The LS was noted.

[TP-020267](#) contains an LS from T1 to OMA IOP cc T, T2, OMA TP, GSMA TWG, GCF SG on common test specifications for applications and services. The OMA IOP Group could – from T1's point of view – provide a good foundation for combining conformance test specifications at the service and application level with the protocol test specifications of T1. In this regard the LS poses several question to OMA IOP.

The LS was noted.

5.1.2 Questions for advice and decisions on T1 issues

None.

5.1.3 Approval of contributions from T1

The full list of CRs including their status can be found in Annex D of this report.

[TP-020293](#) contains CRs to 34.108. They were all approved.

[TP-020294](#) contains CRs to 34.121. They were all approved.

[TP-020295](#) contains CRs to 34.122. They were all approved.

[TP-020296](#) contains CRs to 34.123-1 Package 1 test cases. They were all approved.

[TP-020297](#) contains CRs to 34.123-1 Package 2 test cases. They were all approved.

[TP-020298](#) contains CRs to 34.123-1 Package 3 and 4 test cases. They were all approved.

[TP-020299](#) contains CRs to 34.123-1 Low priority test cases. They were all approved.

[TP-020300](#) contains CRs to 34.123-2. They were all approved.

[TP-020301](#) contains TS 34.123-3 v2.0.0 User Equipment (UE) conformance specification;
Part 3: Abstract Test Suites (ATS).

- Since the TTCN MP file belonging to the specification was not available when the TS was originally presented at the meeting, a discussion took place about the approval procedure.
- Annex A.4 lists the approved RRC test cases and the files which will be attached to the specification included in the same zip file as the specification.
- The 3GPP specification manager John MEREDITH clarified that the TTCN MP file is considered as a part of the specification and that the DOC file and the MP file will be stored together in one zip file on the 3GPP server. For every change to the TTCN MP an update to the reference in the DOC file has to be done. Regarding the future approval procedure of changes and additions to the TTCN, he pointed out that SA4 have similar issues and he recommended T1 to check how they handle this.

The document part of the spec (TP-020301) was approved. Later during the meeting, [TP-020320](#) was provided. It contains the TTCN code for the three RRC test cases TC_8_1_1_1, TC_8_1_2_1 and TC_8_1_3_1. The MP and PDF files shall be a normative part of the annex A of TS 34.123-3. TP-020320 was approved. With this, TS 34.123-3 is considered as approved.

5.1.4 Documents for information

[TP-020302](#) contains TTCN test cases. This document contains the changes necessary to the three mentioned test cases in V140 in order to be executable. A TTCN MP file will be generated including just these test cases and will be attached to TS 34.123-3 v3.0.0, Annex A (this was provided later during the meeting as TP-020320).

- After some confusion caused by the statement "for approval" on this document, it was clarified that this document does not provide any changes to the specification in TP-020301.

The document was noted.

5.1.5 Work programme review of T1

No documents were presented under this agenda item. However, see also section 7 of this report.

5.2 WG T2 Mobile Terminal Services and Capability

5.2.1 Reports and liaisons from T2

[TP-020270](#) contains the T2 status report (slides) and [TP-020271](#) contains the draft report from T2#19.

5.2.1.1 Status report

Key issues at T2#19

50 delegates attending, approx 160 docs processed by TSG T2#19

MExE: TR completed on Run Time Independent Framework

SWG1 (MExE sub group) put into 'sleep mode' and will only meet on an 'as required' basis

GUP: WID produced for TSG-T approval

UEM: WID produced but insufficient support from T2 delegates. No volunteer for rapporteur. Support requested from TSG-T delegates

MMS parameter storage on the SIM/USIM:

REL-5 CR submitted for approval but with T2 concerns

REL-4 CR not submitted. Awaiting clarification from SA/SA1

SWG1 (MExE) Summary

Run Time Independent Framework Feasibility Study TR 22.857 completed

SWG2 (UE Interfaces and Capabilities) Summary

8 CRs (2 R99, 2 Rel-4, 2 Rel-5, 2 Rel-6) and 3 Ls agreed. All CRs relate to AT commands

Generic User Profile: WID with T2 tasks produced for TSG T approval. Unanimous agreement reached for ongoing working assumption on Data Description Method (DDM)

UEM: WID for T2 tasks but created but inadequate support in T2

SWG3 Summary (MMS)

5 CRs TS 23.140 (3 Rel-5, 2 Rel- 6), 8 LSs agreed

MMS Message size definition: MMS Stage 2 TS 23.140 now aligned with SA5's requirements. SA5 asked by LS to cross refer TS 32.235 to TS 23.140 to avoid duplicate definition

MMS support for Identification of directory number requested by TS 22.101 (SA1): T2 requests SA1 clarification and that SA1 includes this requirement into TS 22.140 MMS Stage 1

MMS parameter storage on the SIM/USIM:

A CR for REL-5 is sent to TSG-T for approval but T2 is concerned that the CR binds the MMS UA (application) to the ME (hardware). The CR prohibits the use of REL-5 UAs on devices that are not aware of a (U)SIM or cannot use a (U)SIM (e.g.PDAs). The CR however aligns with SA#17's position.

A CR for REL-4 has not at this time been sent to TSG-T. T2 has identified a possible misalignment between the views of SA and SA1 and a possible contradiction between an LS from SA1 and an attached SA1 proposed CR. T2 is liaising with SA/SA1.

SWG3 Summary (SMS)

1 LS agreed no New Area Event Location Service

SWG3 Summary (CBS)

There was one CBS contribution concerning a possible discrepancy in message length between GSM and UMTS implementations. To be resolved before the next T2 meeting.

During a general discussion on the report, the following comments were made:

- Nokia questioned how long it is intended to have SWG1 in sleeping mode and suggested that SWG1 should be dismantled at some stage. The T2 chairman expressed his preference to keep SWG1 for the time being to have a place to do necessary maintenance work or small enhancements.
- A part of the TSG-T request on unbundling useful MExE components has been fulfilled with the RITF report describing how this could be done.
- ATTWS mentioned that there was quite a lot of support for the UEM work in T3 and questioned why there has not been sufficient support in T2. The T2 SWG2 chairman explained the situation regarding the UEM T2 WID mentioning that there was no work item or specification rapporteur and only two companies committed contributing to the work. He requested TSG-T to help finding the necessary support for this work item. TSG-T requested interested companies to contact the T2 SWG2 chairman off-line during the TSG-T meeting. At the end of the meeting the T2 SWG2 chairman reported that there were no additional companies committing to work on this. It was decided to report the situation to TSG-SA.
- Questioned why T2 didn't prepare a draft CR on the MMS parameter storage on Rel-4 SIM to speed up the process, the T2 chairman replied that there was no agreement in T2 on how the CR should look like.

The status report from T2 was noted. It was decided to report the lack of support on the UEM WID to TSG-SA.

5.2.1.2 LSs from T2 to TSG-T

[TP-020316](#) contains an LS from T2 to SA, SA1 cc T, T3 on MMS parameter storage on the (U)SIM, and the Stage 1 Rel-4 specifications. The LS identified a possible contradiction in the requirements from SA and SA1 in the specific case of a REL-4 GERAN terminal using a USIM.

- The LS is resulting from a discussion held at T2 with T3 participation. It seems to be unclear if a GERAN Rel-4 terminal is mandated to support MMS parameters on the card.
- It was reported that SA took a compromise for Rel-4 because it seemed to late to include a new mandatory requirement in this release. If the ME supports the SIM it doesn't have to support the MMS parameters and if the ME supports the USIM then it has to support the MMS parameters. If a terminal supports both the SIM and the USIM then it can chose what it does with a SIM. However, it shall always support the parameters on the USIM (for Rel-4 and Rel-5).
- It was pointed out that on the application level there should be no difference depending on the radio access mode. The support of the terminal is solely depending on if the terminal supports the SIM or the USIM.

The LS was noted and the discussion continued with the CR095 in TP-020273.

[TP-020317](#) contains an LS from T2 to SA5, GSMA/BARG/CPWP cc SA, T on Alignment of MMS Message Size definition reporting about the conclusions made on this issue.

The LS was noted.

5.2.2 Questions for advice and decisions on T2 issues

No documents were registered under this agenda item.

5.2.3 Approval of contributions from T2

The full list of CRs including their status can be found in Annex D of this report.

[TP-020272](#) contains CRs on AT command +W46 (TS 27.007).

- The TSG-T vice chairman Kevin HOLLEY reported that one company expressed some problems during the PCCA meeting with moving these values because they have implemented the +WS46 commands into products using the value 22. After this was reported no concerns were raised.

The CRs were all approved. Later during the meeting, objections to the CRs in TP-020272 were raised by NTT DoCoMo. Sharp supported these objections and proposed to re-visit the issue at the next T2 meeting.

- It was noted that there was still no reply LS from PCCA. Kevin HOLLEY will try to contact the PCCA chairman and inquire the status of the LS.

The CRs were left approved and NTT DoCoMo was requested to provide revised CRs for the next T2 meeting. NTT DoCoMo provided detailed explanations of objections against CRs in [TP-020325](#) which was noted.

[TP-020273](#) contains CRs on MMS (TS 23.140). The CRs were all approved except CR095 on the MMS UA behavior regarding the MMS parameters on the (U)SIM. The following discussion took place on this CR:

- It was clarified that this CR was the result of the TSG-T request to T2 and T3 to resolve this issue and had been elaborated and agreed at a T2 meeting with T3 participation.
- Nokia, Siemens and Ericsson objected to the CR.
- Nokia re-iterated that the Rel-5 specification should not refer to the SIM which only exists up to Rel-4. Furthermore, the overflow of memory is not taken into account. In connection with the data fields in the CR, the text gives the impression that the data fields have to be present although the MMS files on the USIM are optional. One major issue is that it is not allowed for an operator to support MMS without these data fields on the (U)SIM. The text might give the impression that these data fields have to be there for the MMS feature to be present, if not it would not be available and that may not be true.
- It was pointed out that it is possible for a Rel-5 terminal to work with a SIM and therefore this behavior has to be described. A specific reference in 23.140 to referring to the Rel-4 version of 51.011 was required.
- It was suggested that another possible way forward would be to create a Rel-5 version of 51.011.
- Ericsson pointed out that in their opinion the Rel-4 issue has to be resolved first. A different opinion was that the problems in Rel-4 are quite independent from the problems in Rel-5 and therefore there should be no need postponing the Rel-5 issue after the Rel-4 issue has been solved.
- Ericsson reminded about the other concern that the CR binds the MMS UA (application) to the ME (hardware). The CR prohibits the use of REL-5 UAs on devices that are not aware of a (U)SIM or cannot use a (U)SIM (e.g.PDAs).

It was agreed to re-draft the CR adding a specific reference to the SIM spec 51.011, and then develop two versions. In the first version of the CR it is mandatory for the Rel-5 terminal to use the MMS parameters on the SIM. In the second CR it is optional. Both CRs could be conditionally approved by TSG-T, and then send attached to an LS to SA who does the final choice. The CRs and the LS can be found below.

[TP-020321](#) contains the 23.140 CR95r1 (mandatory for Rel-5 terminal to use the MMS parameters on the SIM). Compared to the original version, the reference 51.011 was made specific to Rel-4 and a note was added saying that the requirements do not apply when the MMS-UA is implemented within equipment which does not support a (U)SIM, and that the MMS User Agent shall use the MMS related information stored in the USIM or SIM, only if present. The CR was approved under the condition that SA will chose one of the CRs.

[TP-020322](#) contains the 23.140 CR99 (optional for Rel-5 terminal to use the MMS parameters on the SIM). In addition to the changes to the reference and the note as given in CR 23.140-095rev1, the MMS related

information if stored on a SIM is optional for an MMS User Agent to use. The CR was approved under the condition that SA will chose one of the CRs.

[TP-020323](#) contains an LS from T to SA on usage of MMS parameters on the SIM accompanying the two CRs above. The LS was revised to [TP-020324](#) and approved.

[TP-020274](#) contains the TR 22.857 v2.0.0 Runtime Independent Framework Feasibility Study. This document discusses the need for a Runtime Independent Framework for Execution Environments, what it is, and how it can be provided with a minimum of changes to the existing MExE specification (TS 23.057). The report consists of a benefits analysis and a feasibility study on the creation of a runtime independent framework enabling the execution of applications on arbitrary runtime environments.

- Nokia expressed their preference that SA3 should have reviewed the security implications of the RITF.
- After a reasonable time (which could be around 12 months) SWG1 might be dismantled. This decision is up to T2.
- The T2 chairman expressed his personal thanks to the SWG1 chairman Lars BRENK (TTPCom) for steering this work to a successful conclusion, and to the SWG1 delegates who have contributed to this work.

The TR was approved

A discussion took place on how to proceed with the two MExE work items. It was agreed to close the work item on the Run-Time Independent Framework, and to keep the Work Item on MExE Release 6 Improvements and Investigation open until the next TSG meeting in March 2003. Not all companies supporting the WID were present at TSG-T and therefore the T2 chairman proposed to leave the WID open for the three more months. The work item will be closed by the next TSG-T if there is no activity until then.

[TP-020275](#) contains the proposed WID on 3GPP Generic User Profile Data Description Method. It describes T2's part of the GUP work. The WID was approved.

[TP-020276](#) contains CRs on the AT command +CGCLASS.

- Considering the fact that there has been some concerns expressed about the CRs after the T2 meeting, the T2 SWG2 chairman proposed not to approve the CRs for the time being.
- Siemens objected to the CR although they agreed to add the lu modes of operations. They saw some room for misinterpretation in the area of multimode terminals supporting A/Gb mode and lu mode. There is a need to address this in the CR.
- The T2 chairman expressed his concerns about CRs being objected at TSG-T level after having they have been agreed at T2 level.
- It was questioned if this CR is really required for R99 and mistakes in the CRs were pointed out. The implications of cell reselection need to be addressed.
- It was commented that linking the application level to the radio access seems sometimes causing problems in T2.

The CRs were rejected and T2 is expected to provide a new proposal to the next TSG-T meeting.

5.2.4 Documents for information

No documents were presented under this agenda item.

5.2.5 Work programme review of T2

See section 6 of this report for further information about the work program.

5.3 WG T3 USIM

5.3.1 Reports and liaisons from TSG-T WG3

[TP-020277](#) contains the status report (slides) for T3. During the presentation of the report, the following points were highlighted:

T3#24 was attended by 36 delegates from 10 countries. 42 CRs and 1 WID were agreed and 7 LSs were approved. Jean-Francois RUBON (Gemplus) was elected as second Vice-Chairman.

TS 31.101, TS 31.102 and TS 31.103 were reorganized for Rel-6. Common parts of TS 31.102 and TS 31.103 were moved into TS 31.101.

One major focus at T3 #25 was on Toolkit specifications. T3 agreed on CRs to base TS 31.111 from Rel-4 onwards on the Rel-4 version of the platform specification for the Card Application Toolkit in ETSI TS 102 223. T3 further agreed on a CR creating a Rel-4 version of the SIM Application Toolkit specification. This CR creates TS 51.014 Rel-4 (out of TS 11.14 R99) and is based on ETSI TS 102 223 Rel-4.

T3 noticed that many WIs approved by SA#17 have an impact on the UICC applications and supposes to be informed by the owner of the WI in case actions are to be taken by T3.

T3 discussed whether a use-case for the Universal PIN exists and if it is possible to make its support optional. No conclusion could be reached and the discussion was postponed to the next meeting.

MMS: T3 emphasised that if the MMS parameter files are present on the USIM for Rel-4 that they shall be supported by the ME. A presentation on the topic was reviewed and the contents was agreed by T3. T3 asked the author of the presentation to present it to T2.

Java API interworking: SWG API proposed two solutions to achieve interworking of the SIM API for Java Card(TM) and the UICC API for Java Card(TM). Network operators are asked to share their view in order to go ahead with one preferred solution.

A discussion on the maximum number of channels for an applet instance took place and no agreement could be reached during the T3 plenary. The issue will therefore be treated again by SWG API in order to find a conclusion until the next T3 plenary.

The T3 plenary concluded that in order to achieve compliance to the additional requirements specified in TS 03.19 the test specification in TS 11.13 is sufficient.

Discussion:

- The T3 chairman reminded if other groups identify any work to be done by T3 then they should make their requirements clear to T3. A reminder about this will be brought to SA.

The T3 report was noted.

5.3.2 Questions for advice and decisions on T3 issues

T3 proposes to upgrade the TS 11.17 SIM conformance test specification from R98 to R99 without a change request. Based on the R99 version of the specification, T3 intends to create a CR that upgrades the specification to Rel-4 (TS 51.017). TSG-T agreed to upgrade the TS 11.17 SIM conformance test specification from R98 to R99 without change request.

5.3.3 Approval of contributions on T3 issues

[TP-020278](#) contains CRs to TS 11.11 and TS 51.011. The CRs were all approved.

[TP-020279](#) contains CRs to TS 31.101.

TSG-T asked T3 to review the issue of having TETRA specific commands in TS 31.101. The CRs were all approved.

[TP-020280](#) contains CRs to TS 31.102. The CRs were all approved.

[TP-020281](#) contains CRs to TS 31.103. The CRs were all approved.

[TP-020282](#) contains CRs to TS 11.14 and TS 31.111. The CRs were all approved.

[TP-020283](#) contains CRs to TS 43.019. The CRs were all approved.

[TP-020284](#) contains CRs to TS 23.048, TS 31.115 and TS 31.116. The CRs were all approved.

[TP-020285](#) contains a CR to TS 11.13 .

- The T3 secretary clarified that the R99 version of TS 11.13 was created at T#17 without a CR and that this CR is thus updating and not creating a R99 version. Based on the new R99 version a Rel-4 version will be created.

The CR was approved.

[TP-020286](#) contains CRs to TS 31.121. The CRs were all approved.

[TP-020287](#) contains a CR to TS 31.122. The CR was approved.

[TP-020288](#) contains the Work Item Description on UEM.

- It was clarified that the SA5 WID on UEM was approved at the recent SA plenary.
- It was clarified that the T3 work item is independent of the work T2 was asked to do and for which there was not sufficient commitment in T2.

The WID was approved.

[TP-020289](#) contains the revised Work Item Description for the TS 23.048 test specification.

The revised WID was approved.

5.3.4 Documents for information

No documents were presented under this agenda item.

5.3.5 Work programme review of T3

See section 6 of this report for further information about the work program.

6 TSG-T Project Management / Work Programme Review and Co-ordination with TSG-SA

6.1 Work Plan

[TP-020265](#) contains the MCC review of the Work Plan at TSG #18 presented by the T-secretary.

- It was agreed to close T1's work item on MExE testing.

The document was noted.

[TP-020264](#) contains the latest version of the Work Plan. The document was noted without presentation.

6.2 Other issues

[TP-020303](#) contains a CR 012 to 21.101: "Correction to list of specs". The CR was noted.

[TP-020304](#) contains a CR 009 to 21.102: "Correction to list of specs". The CR was noted.

[TP-020305](#) contains a CR 002 to 21.103: "Correction to list of specs". The CR was noted.

[TP-020308](#) contains a CR 002 to 41.103: "Correction to list of specs". The CR was noted.

[TP-020311](#) contains a Specs status list prior to TSGs#18. The document was noted.

[TP-020312](#) contains a List of specs / releases. The document was noted.

7 Liaison Statements (LS) outgoing

[TP-020324](#) contains an LS from TSG-T to SA on usage of MMS parameters on the SIM which was approved (see discussion on this issue in 5.2.3).

8 Postponed issues from earlier in the meeting

Issues raised under this agenda item are dealt with in the section of this report under which the document was originally discussed.

9 Any Other Business

Delegates were reminded about the importance to sign in the participants list to ensure their voting rights for the upcoming elections to be held at the next TSG meetings.

It was noted that Ileana LEUCA (ATTWS) is not attending TSG-T any longer. The TSG-T chairman thanked her for all their work done in TSG-T.

10 Work Plan and Future Meeting Schedule

The following TSG-T (and associated TSG-SA) meetings are currently scheduled. The full schedule of all 3GPP related meetings is continuously updated and can be found on the server at:

<http://www.3gpp.org>

Meeting	Date	Host	Location
TSG-T #19 TSG-SA #19	12 - 14 March 2003 17 - 21 March 2003	UK operators	Birmingham, UK
TSG-T #20 TSG-SA #20	11 - 13 June 2003 16 - 19 June 2003	Nokia	Hämeenlinna, Finland
TSG-T #21 TSG-SA #21	17 - 19 September 2003 22 - 25 September 2003	Siemens	Berlin, Germany
TSG-T #22 TSG-SA #22	10 - 12 December 2003 15 - 18 December 2003	North American Friends of 3GPP	Hawaii, US

11 Close of the meeting

The meeting was closed by the chairman at 11:30. He thanked the WG chairman for their presentations and the delegates for their work and the North American Friends of 3GPP hosting the meeting. He also expressed his thanks to the MCC.

ANNEX A

Approved Agenda

AGENDA

Agenda Item	Input documents (TP-020nnn)
1 Opening of the meeting (09:00 Wednesday 4 December) and IPR reminder	
2 Approval of Agenda	261
3 Approval of the meeting report from TSG-T#17	260
4 Letters and reports from other groups, LS incoming 4.1 <i>OP, PCG, TSG SA, TSG CN, TSG RAN, TSG GERAN</i> 4.2 <i>Others</i>	262, 263, 268, 313, 314 269
5 Reports from TSG-T Working Groups 5.1 <i>WG T1 Mobile Terminal Conformance Testing</i> 5.1.1 <i>Reports and liaisons from TSG-T WG1</i> 5.1.2 <i>Questions for advice and decisions on T1 issues</i> 5.1.3 <i>Approval of contributions on T1 issues</i> 5.1.4 <i>Documents for information</i> 5.1.5 <i>Work programme review of T1</i> 5.2 <i>WG T2 Mobile Terminal Services and Capability</i> 5.2.1 <i>Reports and liaisons from T2</i> 5.2.2 <i>Questions for advice and decisions on T2 issues</i> 5.2.3 <i>Approval of contributions on T2 issues</i> 5.2.4 <i>Documents for information</i> 5.2.5 <i>Work programme review of T2</i> 5.3 <i>WG T3 USIM</i> 5.3.1 <i>Reports and liaisons from TSG-T WG3</i> 5.3.2 <i>Questions for advice and decisions on T3 issues</i> 5.3.3 <i>Approval of contributions on T3 issues</i> 5.3.4 <i>Documents for information</i> 5.3.5 <i>Work programme review of T3</i>	266, 267, 290, 291, 292 293, 294, 295, 296, 297, 298, 299, 300, 301, 302 270, 271, 316, 317 272, 273, 274, 275, 276 277, 315 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289
6 TSG-T Project Management / Work Programme Review and Co-ordination with TSG-SA 6.1 <i>Release 5</i> 6.2 <i>Release 6</i> 6.3 <i>Other issues</i>	264, 265, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312
7 Liaison Statements (LS) outgoing	
8 Postponed issues from earlier in the meeting	
9 Any Other Business	
10 Future Meeting Schedule	
11 Close of the meeting (by 16:00 Friday 6 December)	

ANNEX B **List of attendees**

#	Title	Surname	Firstname	Role	Organization		Status	Partner	Email@
1	Mr.	Ono	Kenichi		Matsushita Communication	JP	3GPPMEMBER	ARIB	kenono@pcd.mci.mei.co.jp
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48	Mr.	Meredith	John M		ETSI Secretariat	FR	3GPPORG_REP	ETSI	john.meredith@etsi.fr	
49	Mr.	Rodermund	Friedhelm	Secretary	ETSI Secretariat	FR	3GPPORG_REP	ETSI	friedhelm.rodernund@etsi.fr	
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Those delegates with an ETSI server username and password can obtain the full/updated contact information for any delegate by going to the URL for the delegates' database at:

<http://webapp.etsi.org/telDIR/TelDirectory.asp>

They are also able to update their own information (new address / tel. / fax / email etc) by using the URL:

<http://webapp.etsi.org/telDIR/PersonalInfo.asp>

ANNEX C Document list

Below is a list of the documents considered at this meeting. All documents listed below can also be found under the directory ftp://www.3gpp.org/TSG_T/TSG_T/

For allocation of document numbers for future meetings, please contact the TSG-T secretary, Friedhelm Rodermund (rodermund@ETSI.org)

Tdoc	Title	Source	Agenda	Notes / Status
TP-020260	Report (draft) from TSG-T #17 (Biarritz, France 4 - 6 September)	TSG-T Secretary	3	approved
TP-020261	Agenda (draft) for TSG-T #18 (New Orleans, 4 - 6 December)	TSG-T Chairman	2	approved
TP-020262	TSG-SA#17 result summary for TSG-T	T-secretary	4.1	noted
TP-020263	Report (draft) from TSG-SA #17 (Biarritz, France 9 - 12 September)	TSG-SA Secretary	4.1	noted
TP-020264	3GPP Work Plan	MCC	6	noted
TP-020265	3GPP Work Plan [Slide Presentation]	MCC	6	noted
TP-020266	LS from T1 to T on interim handling of Release 5 features in TS 34.108	T1-020749	5.1.1	noted
TP-020267	LS from T1 to OMA IOP cc T, T2, OMA TP, GSMA TWG, GCF SG on common test specifications for applications and services	T1-020885	5.1.1	noted
TP-020268	LS from GERAN to T, T3 on SIM Application Toolkit Test Specification	TSGG#12(02)3291	4.1	noted
TP-020269	LS from OMA TP to T cc T2 on MMS REL-5 Stage 3	OMA TP	4.2	noted
TP-020270	T2 status report (slides)	T2 chairman	5.2.1	noted
TP-020271	T2#19 Bundang meeting report	T2 Secretary	5.2.1	noted
TP-020272	CRs on AT command +W46 for approval	T2	5.2.3	approved
TP-020273	CRs on MMS for approval	T2	5.2.3	approved except CR95 which was revised to TP-020321 and TP-020322
TP-020274	TR 22.857 v2.0.0 Runtime Independent Framework Feasibility Study for approval	T2	5.2.3	approved
TP-020275	WID 3GPP Generic User Profile Data Description Method for approval	T2	5.2.3	approved
TP-020276	CRs on AT command +CGCLASS for approval	T2	5.2.3	rejected
TP-020277	T3 status report to T#18	T3 chairman	5.3.1	noted
TP-020278	CRs to TS 11.11 and TS 51.011 for approval	T3	5.3.3	approved
TP-020279	CRs to TS 31.101 for approval	T3	5.3.3	approved
TP-020280	CRs to TS 31.102 for approval	T3	5.3.3	approved
TP-020281	CRs to TS 31.103 for approval	T3	5.3.3	approved
TP-020282	CRs to TS 11.14 and TS 31.111 for approval	T3	5.3.3	approved
TP-020283	CRs to TS 43.019 for approval	T3	5.3.3	approved
TP-020284	CRs to TS 23.048, TS 31.115 and TS 31.116 for approval	T3	5.3.3	approved
TP-020285	CRs to TS 11.13 for approval	T3	5.3.3	approved
TP-020286	CRs to TS 31.121 for approval	T3	5.3.3	approved
TP-020287	CRs to TS 31.122 for approval	T3	5.3.3	approved
TP-020288	Work Item Description on UEM for approval	T3	5.3.3	approved
TP-020289	Revised Work Item Description for TS 23.048 test specification for approval	T3	5.3.3	approved
TP-020290	T1 status report	T1 chairman	5.1.1	noted
TP-020291	T1#17 draft report	ETSI MCC	5.1.1	noted
TP-020292	TTCN report for approval	ETSI MCC	5.1.3	approved
TP-020293	CRs to 34.108 for approval	T1	5.1.3	approved
TP-020294	CRs to 34.121 for approval	T1	5.1.3	approved
TP-020295	CRs to 34.122 for approval	T1	5.1.3	approved
TP-020296	CRs to 34.123-1 Package 1 test cases for approval	T1	5.1.3	approved
TP-020297	CRs to 34.123-1 Package 2 test cases for approval	T1	5.1.3	approved
TP-020298	CRs to 34.123-1 Package 3 and 4 test cases for approval	T1	5.1.3	approved
TP-020299	CRs to 34.123-1 Low priority test cases for approval	T1	5.1.3	approved
TP-020300	CRs to 34.123-2 for approval	T1	5.1.3	approved
TP-020301	34.123-3 v2.0.0 for approval	T1	5.1.3	doc part approved, TTCN MP file to be e-approved as TP-020320 before complete spec can be considered as approved
TP-020302	TTCN test cases	T1	5.1.3	noted
TP-020303	CR 012 to 21.101: "Correction to list of specs"	MCC	6	noted
TP-020304	CR 009 to 21.102: "Correction to list of specs"	MCC	6	noted
TP-020305	CR 002 to 21.103: "Correction to list of specs"	MCC	6	noted
TP-020306	withdrawn	MCC	6	
TP-020307	withdrawn	MCC	6	
TP-020308	CR 002 to 41.103: "Correction to list of specs"	MCC	6	noted
TP-020309	withdrawn	MCC	6	
TP-020310	withdrawn	MCC	6	
TP-020311	Specs status list prior to TSGs#18	MCC	6	noted

TP-020312	List of specs / releases	MCC	6	noted
TP-020313	LS from RAN2 to RAN, T cc T1 on Removal of RABs from TS 34.108	R2-023262	4.1	noted
TP-020314	LS from RAN2 to T cc T1 on Addition of Conversational PS RAB to TS 34.108	R2-023278	4.1	noted
TP-020315	LS from T3 to GERAN5, GERAN cc T on SIM toolkit test specification	T3-020913	5.3.1	noted
TP-020316	LS from T2 to SA, SA1 cc T, T3 on MMS parameter storage on the (U)SIM, and the Stage 1 Rel-4 specifications	T2-020958	5.2.1	noted
TP-020317	LS from T2 to SA5, GSMA/BARG/CPWP cc SA, T on Alignment of MMS Message Size definition	T2-020947	5.2.1	noted
TP-020318	Report (draft) from OP#8, St Paul de Vence, 4 October 2002	OP secretary	4.1	noted
TP-020319	Report (draft) from PCG#9, St Paul de Vence, 3 October 2002	PCG secretary	4.1	noted
TP-020320	TTCN MP file	T1/MCC	5.1.3	approved
TP-020321	23.140 CR95r1 (mandatory for Rel-5 terminal to use the MMS parameters on the SIM)	TSG-T (Motorola)	5.2.3	approved conditionally
TP-020322	23.140 CR99 (optional for Rel-5 terminal to use the MMS parameters on the SIM)	TSG-T (Motorola)	5.2.3	approved conditionally
TP-020323	LS from T to SA on usage of MMS parameters on the SIM	TSG-T (Motorola)	7	revised to 324
TP-020324	LS from T to SA cc T2, T3 on usage of MMS parameters on the SIM (incl. CRs)	TSG-T (Motorola)	7	approved
TP-020325	Explanation of objections against CRs in TP-020272	NTT DoCoMo	5.2.3	noted
TP-020326	LS from OMA TP to 3GPP TSG SA, 3GPP2 SC, 3GPP2 TSG-S on cooperation on technical development	SP-020758	4.1	noted

ANNEX D List of change requests presented to TSG-T #18

This data is an extract from the 3GPP CR database. The database, which contains a full history of all CRs to all 3GPP specifications can be found on the 3GPP server (in MS Access 97 format) under the directory: ftp://ftp.3gpp.org/Information/Databases/Change_Request

Doc-1st-	Status-	Spec	CR	Rev	P	Subject	Cat	Version	Version	WG-	Doc-2nd-	Workitem
TP-020293	approved	34.108	143	-	R99	Correction to default messages in 9.1 and 9.2	F	3.9.0	3.10.0	T1	T1-020657	-
TP-020293	approved	34.108	144	-	Rel-4	Correction to default messages in 9.1 and 9.2	A	4.4.0	4.5.0	T1	T1-020658	TEI
TP-020293	approved	34.108	145	-	R99	Corrections in the TDD test frequencies according to core specs	F	3.9.0	3.10.0	T1	T1-020673	-
TP-020293	approved	34.108	146	-	Rel-4	Corrections in the TDD test frequencies according to core specs	A	4.4.0	4.5.0	T1	T1-020674	TEI, LCRTDD
TP-020293	approved	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	T1-020693	-
TP-020293	approved	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	T1-020694	TEI
TP-020293	approved	34.108	149	-	R99	Correction to content of sub-clause 6.10.2	F	3.9.0	3.10.0	T1	T1-020708	-
TP-020293	approved	34.108	150	-	Rel-4	Correction to content of sub-clause 6.10.2.	A	4.4.0	4.5.0	T1	T1-020709	TEI
TP-020293	approved	34.108	151	-	R99	Correction to SIB 11/12 definition	F	3.9.0	3.10.0	T1	T1-020711	-
TP-020293	approved	34.108	152	-	Rel-4	Correction to SIB 11/12 definition	A	4.4.0	4.5.0	T1	T1-020712	TEI
TP-020293	approved	34.108	153	-	R99	Reference Measurement Channels	F	3.9.0	3.10.0	T1	T1-020767	-
TP-020293	approved	34.108	154	-	Rel-4	Reference Measurement Channels	A	4.4.0	4.5.0	T1	T1-020768	TEI
TP-020293	approved	34.108	155	-	R99	Transferring system information definition using ASN.1 description to PRD	F	3.9.0	3.10.0	T1	T1-020777	-
TP-020293	approved	34.108	156	-	Rel-4	Transferring system information definition using ASN.1 description to PRD	A	4.4.0	4.5.0	T1	T1-020778	TEI
TP-020293	approved	34.108	157	-	R99	Correction to RLC RAB TFCS	F	3.9.0	3.10.0	T1	T1-020779	-
TP-020293	approved	34.108	158	-	Rel-4	Correction to RLC RAB TFCS	A	4.4.0	4.5.0	T1	T1-020780	TEI
TP-020293	approved	34.108	159	-	R99	Default Message contents : Correction from CRs approved in RP17meeting	F	3.9.0	3.10.0	T1	T1-020782	-
TP-020293	approved	34.108	160	-	Rel-4	Default Message contents : Correction from CRs approved in RP17meeting	A	4.4.0	4.5.0	T1	T1-020783	TEI
TP-020293	approved	34.108	161	-	R99	Corrections to SIB1 to SIB6	F	3.9.0	3.10.0	T1	T1-020798	-
TP-020293	approved	34.108	162	-	Rel-4	Corrections to SIB1 to SIB6	A	4.4.0	4.5.0	T1	T1-020799	TEI
TP-020293	approved	34.108	163	-	R99	Correction to RAB configurations as revision of T1S020755	F	3.9.0	3.10.0	T1	T1-020800	-
TP-020293	approved	34.108	164	-	Rel-4	Correction to RAB configurations as revision of T1S020756	A	4.4.0	4.5.0	T1	T1-020801	TEI
TP-020293	approved	34.108	165	-	R99	Parameter addition for Reference RABs based on LS from RAN2	F	3.9.0	3.10.0	T1	T1-020802	-
TP-020293	approved	34.108	166	-	Rel-4	Parameter addition for Reference RABs based on LS from RAN2	A	4.4.0	4.5.0	T1	T1-020803	TEI
TP-020293	approved	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	T1-020817	-
TP-020293	approved	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	T1-020818	TEI
TP-020293	approved	34.108	169	-	Rel-4	RAB Combinations for IMS Services	F	4.4.0	4.5.0	T1	T1-020819	TEI
TP-020293	approved	34.108	170	-	R99	Correction to Contents of the Scheduling Block System Information in clause	F	3.9.0	3.10.0	T1	T1-020843	

						6.1.3.						
TP-020293	approved	34.108	171	-	Rel-4	Correction to Contents of the Scheduling Block System Information in clause 6.1.3.	F	4.4.0	4.5.0	T1	T1-020844	TEI
TP-020294	approved	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	T1-020631	-
TP-020294	approved	34.121	213	-	R99	Maintenance of FDD/TDD Cell Re-selection test case	F	3.10.0	3.11.0	T1	T1-020632	-
TP-020294	approved	34.121	214	-	R99	Maintenance of UE Transmit Timing test case	F	3.10.0	3.11.0	T1	T1-020633	-
TP-020294	approved	34.121	215	-	R99	Correction of ACLR absolute power limit	F	3.10.0	3.11.0	T1	T1-020634	-
TP-020294	approved	34.121	216	-	R99	Correction to clause 8.3.6 Cell Re-selection in CELL_PCH	F	3.10.0	3.11.0	T1	T1-020636	-
TP-020294	approved	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	T1-020637	-
TP-020294	approved	34.121	218	-	R99	Correction of table numbers	F	3.10.0	3.11.0	T1	T1-020639	-
TP-020294	approved	34.121	219	-	R99	Correction of message parameter	F	3.10.0	3.11.0	T1	T1-020640	-
TP-020294	approved	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	T1-020641	-
TP-020294	approved	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	T1-020651	-
TP-020294	approved	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	T1-020642	-
TP-020294	approved	34.121	223	-	R99	Correction of SCH side conditions and other corrections	F	3.10.0	3.11.0	T1	T1-020750	-
TP-020294	approved	34.121	224	-	R99	Corrections of test for power setting in uplink compressed mode	F	3.10.0	3.11.0	T1	T1-020751	-
TP-020294	approved	34.121	225	-	R99	Text for annex F.6.2 Statistical testing of RRM delay performance	F	3.10.0	3.11.0	T1	T1-020752	-
TP-020294	approved	34.121	226	-	R99	Maintenance of annex F.6.1 Statistical testing of BER BLER performance	F	3.10.0	3.11.0	T1	T1-020753	-
TP-020294	approved	34.121	227	-	R99	Dual limit BLER tests	F	3.10.0	3.11.0	T1	T1-020754	-
TP-020294	approved	34.121	228	-	R99	Correction of test method: Out-of-synchronisation handling of output power	F	3.10.0	3.11.0	T1	T1-020755	-
TP-020294	approved	34.121	229	-	R99	Correction of table and subclause references	F	3.10.0	3.11.0	T1	T1-020756	-
TP-020294	approved	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	T1-020757	-
TP-020294	approved	34.121	231	-	R99	Correction to clause 8.3.2 FDD/FDD Hard Handover	F	3.10.0	3.11.0	T1	T1-020758	-
TP-020294	approved	34.121	232	-	R99	Correction to PHYSICAL CHANNEL RECONFIGURATION message that activates compressed mode	F	3.10.0	3.11.0	T1	T1-020759	-
TP-020294	approved	34.121	233	-	R99	Introduction of test tolerances in Cell Reselection multi carrier test cases	F	3.10.0	3.11.0	T1	T1-020769	-
TP-020294	approved	34.121	234	-	R99	Correction of UL reference measurement channel	F	3.10.0	3.11.0	T1	T1-020889	-
TP-020295	approved	34.122	110	-	R99	Inclusion of TDD RRC re-establishment delay test cases	F	3.9.0	3.10.0	T1	T1-020760	-
TP-020295	approved	34.122	111	-	R99	Correction to power control accuracy test cases in 34.122	F	3.9.0	3.10.0	T1	T1-020895	-
TP-020295	approved	34.122	112	-	R99	Averaging period for ACLR	F	3.9.0	3.10.0	T1	T1-020647	-
TP-020295	approved	34.122	113	-	R99	Various updates to 34.122 based on RAN4 CRs	F	3.9.0	3.10.0	T1	T1-020897	-
TP-020295	approved	34.122	114	-	R99	Correction to downlink power control requirements in 34.122	F	3.9.0	3.10.0	T1	T1-020643	-
TP-020295	approved	34.122	115	-	Rel-4	Corrections of TDD out-of Synchronisation Output power	F	4.5.0	4.6.0	T1	T1-020762	LCRTDD, TEI
TP-020295	approved	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	T1-020764	LCRTDD
TP-020295	approved	34.122	117	-	Rel-4	Correction to power control accuracy test cases in 34.122	A	4.5.0	4.6.0	T1	T1-020896	TEI
TP-020295	approved	34.122	118	-	Rel-4	Averaging period for ACLR	A	4.5.0	4.6.0	T1	T1-020648	TEI

TP-020295	approved	34.122	119	-	Rel-4	Various updates to 34.122 based on RAN4 CRs	A	4.5.0	4.6.0	T1	T1-020898	TEI
TP-020295	approved	34.122	120	-	Rel-4	Inclusion of RRC re-establishment delay test cases	F	4.5.0	4.6.0	T1	T1-020761	LCRTDD, TEI
TP-020295	approved	34.122	121	-	R99	Corrections of TDD out-of Synchronisation Output power	F	3.9.0	3.10.0	T1	T1-020899	-
TP-020295	approved	34.122	122	-	Rel-4	Correction to downlink power control requirements in 34.122	A	4.5.0	4.6.0	T1	T1-020644	TEI
TP-020295	approved	34.122	123	-	Rel-4	P-CCPCH RSCP Test Cases for LCRTDD	F	4.5.0	4.6.0	T1	T1-020765	LCRTDD
TP-020296	approved	34.123	310	-	Rel-5	Correction to package 1 test case 7.2.3.22	F	5.1.1	5.2.0	T1	T1-020659	TEI
TP-020296	approved	34.123	311	-	Rel-5	Correction to package 1 test case 7.2.3.23	F	5.1.1	5.2.0	T1	T1-020660	TEI
TP-020296	approved	34.123	314	-	Rel-5	Corrections to generic setup procedure for radio bearer testing	F	5.1.1	5.2.0	T1	T1-020664	TEI
TP-020296	approved	34.123	317	-	Rel-5	Correction of package 1 test case 8.1.1.7	F	5.1.1	5.2.0	T1	T1-020668	TEI
TP-020296	approved	34.123	319	-	Rel-5	Modifications to package 1 RLC Test Cases	F	5.1.1	5.2.0	T1	T1-020685	TEI
TP-020296	approved	34.123	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	T1-020689	TEI
TP-020296	approved	34.123	323	-	Rel-5	General corrections for clause 6	F	5.1.1	5.2.0	T1	T1-020691	TEI
TP-020296	approved	34.123	331	-	Rel-5	Correction to RLC P1 7.2.3.12 Correct use of Sequence Numbering	F	5.1.1	5.2.0	T1	T1-020704	TEI
TP-020296	approved	34.123	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	T1-020705	TEI
TP-020296	approved	34.123	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	T1-020706	TEI
TP-020296	approved	34.123	334	-	Rel-5	Corrections to package 1 & 2 idle mode test cases	F	5.1.1	5.2.0	T1	T1-020707	TEI
TP-020296	approved	34.123	335	-	Rel-5	Correction to Package 1 test cases (revision of T1S-020677)	F	5.1.1	5.2.0	T1	T1-020710	TEI
TP-020296	approved	34.123	337	-	Rel-5	Clause 8.1 (Package 1) Rel-5: Correction from CRs approved in RP17meeting	F	5.1.1	5.2.0	T1	T1-020784	TEI
TP-020296	approved	34.123	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	T1-020786	TEI
TP-020296	approved	34.123	339	-	Rel-5	Clause 8.2 (Package 1) Rel-5: Correction from CRs approved in RP17meeting	F	5.1.1	5.2.0	T1	T1-020787	TEI
TP-020296	approved	34.123	340	-	Rel-5	Clause 8.3 (Package 1) Rel-5: Correction from CRs approved in RP17meeting	F	5.1.1	5.2.0	T1	T1-020788	TEI
TP-020296	approved	34.123	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	T1-020789	TEI
TP-020296	approved	34.123	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	T1-020790	TEI
TP-020296	approved	34.123	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	T1-020792	TEI
TP-020296	approved	34.123	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	T1-020793	TEI
TP-020296	approved	34.123	345	-	Rel-5	Modifications and corrections of GMM test cases	F	5.1.1	5.2.0	T1	T1-020794	TEI
TP-020296	approved	34.123	364	-	Rel-5	Update to TC7.2.3.19(RLC PDU Continuous Transmission)	F	5.1.1	5.2.0	T1	T1-020714	TEI

TP-020296	approved	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	T1-020825	TEI
TP-020296	approved	34.123 -1	382	-	Rel-5	Corrections to radio bearer test cases in clause 14.2	F	5.1.1	5.2.0	T1	T1-020840	TEI
TP-020297	approved	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	T1-020662	TEI
TP-020297	approved	34.123 -1	313	-	Rel-5	Correction of package 2 test case for Inter System HO	F	5.1.1	5.2.0	T1	T1-020663	TEI
TP-020297	approved	34.123 -1	316	-	Rel-5	Corrections to package 2 MM test case 9.4.4	F	5.1.1	5.2.0	T1	T1-020667	TEI
TP-020297	approved	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	T1-020697	TEI
TP-020297	approved	34.123 -1	336	-	Rel-5	Correction to cell configuration	F	5.1.1	5.2.0	T1	T1-020713	TEI
TP-020297	approved	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	T1-020795	TEI
TP-020297	approved	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	T1-020804	TEI
TP-020297	approved	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	T1-020805	TEI
TP-020297	approved	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	T1-020806	TEI
TP-020297	approved	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	T1-020807	TEI
TP-020297	approved	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	T1-020808	TEI
TP-020297	approved	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	T1-020809	TEI
TP-020297	approved	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	T1-020810	TEI
TP-020297	approved	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	T1-020811	TEI
TP-020297	approved	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	T1-020812	TEI
TP-020297	approved	34.123 -1	356	-	Rel-5	Corrections to Clause 8.4 Measurement Test Cases	F	5.1.1	5.2.0	T1	T1-020813	TEI
TP-020297	approved	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	T1-020814	TEI
TP-020297	approved	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	T1-020816	TEI
TP-020297	approved	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	T1-020696	TEI
TP-020298	approved	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	T1-020688	TEI
TP-020298	approved	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	T1-020698	TEI
TP-020298	approved	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	T1-020699	TEI
TP-020298	approved	34.123 -1	359	-	Rel-5	Corrections to package 3 idle mode test cases	F	5.1.1	5.2.0	T1	T1-020820	TEI
TP-020298	approved	34.123	360	-	Rel-5	Corrections to package 3 RRC 8_1_x (Connection mgmt) as revision of T1S-	F	5.1.1	5.2.0	T1	T1-020821	TEI

		-1				020778.							
TP-020298	approved	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	T1-020822	TEI	
TP-020298	approved	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	T1-020823	TEI	
TP-020298	approved	34.123 -1	363	-	Rel-5	Corrections to package 3 Inter-RAT measurement test cases	F	5.1.1	5.2.0	T1	T1-020824	TEI	
TP-020298	approved	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	T1-020695	TEI	
TP-020298	approved	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	T1-020826	TEI	
TP-020298	approved	34.123 -1	378	-	Rel-5	Correction to non-package 1&2 RRC test cases	F	5.1.1	5.2.0	T1	T1-020836	TEI	
TP-020298	approved	34.123 -1	379	-	Rel-5	Clause 8.1 (Non-package1&2) Rel-5: Correction from CRs approved in RP17meeting	F	5.1.1	5.2.0	T1	T1-020837	TEI	
TP-020298	approved	34.123 -1	380	-	Rel-5	Clause 8.4 (Non-package 1&2) Rel-5: Correction from CRs approved in RP17meeting	F	5.1.1	5.2.0	T1	T1-020838	TEI	
TP-020298	approved	34.123 -1	381	-	Rel-5	Corrections to package 3 Measurement test cases as revision of T1S-020781.	F	5.1.1	5.2.0	T1	T1-020864	TEI	
TP-020298	approved	34.123 -1	384	-	Rel-5	Correction to package 3 MM test case 9.4.7	F	5.1.1	5.2.0	T1	T1-020845	TEI	
TP-020298	approved	34.123 -1	385	-	Rel-5	Correction to package 3 SM test case 11.1.1.2.1	F	5.1.1	5.2.0	T1	T1-020846	TEI	
TP-020298	approved	34.123 -1	386	-	Rel-5	Correction to package 3 test case 16.1.2 SMS mobile originated	F	5.1.1	5.2.0	T1	T1-020847	TEI	
TP-020298	approved	34.123 -1	387	-	Rel-5	Correction to package 3 test case 16.1.9 Multiple SMS mobile originated	F	5.1.1	5.2.0	T1	T1-020848	TEI	
TP-020298	approved	34.123 -1	388	-	Rel-5	Correction to package 3 test case 16.2.1 SMS mobile terminated	F	5.1.1	5.2.0	T1	T1-020849	TEI	
TP-020298	approved	34.123 -1	389	-	Rel-5	Correction to package 3 test case 16.2.2 SMS mobile originated	F	5.1.1	5.2.0	T1	T1-020850	TEI	
TP-020298	approved	34.123 -1	392	-	Rel-5	Test case for alternative RAB configuration agreed during T1/SIG #25	F	5.1.1	5.2.0	T1	T1-020853	TEI	
TP-020298	approved	34.123 -1	393	-	Rel-5	Update to clause 13 Emergency call tests as revision of T1S-020759rev1	F	5.1.1	5.2.0	T1	T1-020854	TEI	
TP-020298	approved	34.123 -1	395	-	Rel-5	Correction to package 3 test case 16.2.10 Test of capabilities of simultaneously receiving an SM whilst sending an MO SM (as of T1S-020751rev1)	F	5.1.1	5.2.0	T1	T1-020859	TEI	
TP-020298	approved	34.123 -1	396	-	Rel-5	Correction to package 3 test case 16.1.10 Test of capabilities of simultaneously receiving an SM whilst sending an MO SM (as of T1S-020797rev1)	F	5.1.1	5.2.0	T1	T1-020860	TEI	
TP-020298	approved	34.123 -1	399	-	Rel-5	Addition of new test case for RRC Connection Release following network authentication failure requested by upper layers	F	5.1.1	5.2.0	T1	T1-020863	TEI	
TP-020298	approved	34.123 -1	401	-	Rel-5	Clause 8.2 (Non-package 1&2) Rel-5: Correction from CRs approved in RP17meeting (T1S020742rev1)	F	5.1.1	5.2.0	T1	T1-020867	TEI	
TP-020298	approved	34.123 -1	406	-	Rel-5	Correction to package 3 test case 16.1.1 SMS mobile terminated (as of T1S-020791rev1)	F	5.1.1	5.2.0	T1	T1-020858	TEI	
TP-020299	approved	34.123 -1	315	-	Rel-5	Addition of Integrity protection test case	F	5.1.1	5.2.0	T1	T1-020666	TEI	
TP-020299	approved	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	T1-020669	TEI	

TP-020299	approved	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	T1-020690	TEI
TP-020299	approved	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	T1-020692	TEI
TP-020299	approved	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	T1-020700	TEI
TP-020299	approved	34.123 -1	329	-	Rel-5	Correction to MM test 9.5.7.2	F	5.1.1	5.2.0	T1	T1-020701	TEI
TP-020299	approved	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	T1-020703	TEI
TP-020299	approved	34.123 -1	365	-	Rel-5	Addition of test cases for RBs for conversational/speech service based on TS 34.108	F	5.1.1	5.2.0	T1	T1-020676	LCRTDD
TP-020299	approved	34.123 -1	366	-	Rel-5	Addition of test cases for RBs for conversational/unknown service based on TS 34.108	F	5.1.1	5.2.0	T1	T1-020677	LCRTDD
TP-020299	approved	34.123 -1	367	-	Rel-5	Editorial correction and update for the existed RB test cases	F	5.1.1	5.2.0	T1	T1-020678	LCRTDD
TP-020299	approved	34.123 -1	372	-	Rel-5	Addition of test cases for RBs for symmetric streaming/unknown service based on TS 34.108	F	5.1.1	5.2.0	T1	T1-020828	LCRTDD
TP-020299	approved	34.123 -1	373	-	Rel-5	Addition of test cases of for RBs for asymmetric atreaming/unknown service based on TS 34.108	F	5.1.1	5.2.0	T1	T1-020829	LCRTDD
TP-020299	approved	34.123 -1	374	-	Rel-5	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	T1-020830	LCRTDD
TP-020299	approved	34.123 -1	375	-	Rel-5	Correction of General information for radio bearer tests (1.28 Mcps TDD)	F	5.1.1	5.2.0	T1	T1-020831	LCRTDD
TP-020299	approved	34.123 -1	376	-	Rel-5	Idle mode test cases	F	5.1.1	5.2.0	T1	T1-020833	TEI
TP-020299	approved	34.123 -1	377	-	Rel-5	Correction to TC8.1.6.3 Measurement Report on INITIAL DIRECT TRANSFER message and UPLINK DIRECT TRANSFER message	F	5.1.1	5.2.0	T1	T1-020834	TEI
TP-020299	approved	34.123 -1	383	-	Rel-5	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL(12.2 7.95 5.9 4.75) kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH	F	5.1.1	5.2.0	T1	T1-020842	TEI
TP-020299	approved	34.123 -1	390	-	Rel-5	Update of Conformance requirement in test case 11.3.3.1 (low priority test case)	F	5.1.1	5.2.0	T1	T1-020851	TEI
TP-020299	approved	34.123 -1	391	-	Rel-5	Updated PDCP conformance test cases, clause 7.3	F	5.1.1	5.2.0	T1	T1-020852	TEI
TP-020299	approved	34.123 -1	394	-	Rel-5	Corrections to GCF "low priority" SMS test cases in 34.123-1, clause 16	F	5.1.1	5.2.0	T1	T1-020857	TEI
TP-020299	approved	34.123 -1	397	-	Rel-5	New GMM test cases for Service Request with Re-establishment of RABs (as of T1S-020829rev1)	F	5.1.1	5.2.0	T1	T1-020861	TEI
TP-020299	approved	34.123 -1	398	-	Rel-5	Proposed new test case on additional measurements lis.t. As revision of T1S-020783.	F	5.1.1	5.2.0	T1	T1-020862	TEI
TP-020299	approved	34.123 -1	400	-	Rel-5	Clarification of expected sequence in test case 11.2.3.2 (low priority test case).	F	5.1.1	5.2.0	T1	T1-020866	TEI
TP-020299	approved	34.123 -1	402	-	Rel-5	Addition of test case for multi- RAB configurations	F	5.1.1	5.2.0	T1	T1-020868	TEI
TP-020299	approved	34.123 -1	403	-	Rel-5	Addition of test case for compressed mode	F	5.1.1	5.2.0	T1	T1-020869	TEI
TP-020299	approved	34.123 -1	404	-	Rel-5	CR to section 16.1.6a & 16.2.6a: Correction of Related ICS/IXIT Statements	F	5.1.1	5.2.0	T1	T1-020855	TEI
TP-020299	approved	34.123 -1	405	-	Rel-5	Interactive or background / UL:32 DL:32kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH	F	5.1.1	5.2.0	T1	T1-020841	TEI

TP-020299	approved	34.123 -1	407	-	Rel-5	Proposed new test case in clause 8.2.6 as revision of T1S-020784.	F	5.1.1	5.2.0	T1	T1-020870	TEI
TP-020300	approved	34.123 -2	084	-	Rel-5	Addition of cell reselection test case to applicability table	F	5.1.0	5.2.0	T1	T1-020683	TEI
TP-020300	approved	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	T1-020791	TEI
TP-020300	approved	34.123 -2	086	-	Rel-5	Removal of test case 6.1.1.6	F	5.1.0	5.2.0	T1	T1-020796	TEI
TP-020300	approved	34.123 -2	087	-	Rel-5	Update of Applicability statement for GMM	F	5.1.0	5.2.0	T1	T1-020797	TEI
TP-020300	approved	34.123 -2	088	-	Rel-5	Update of applicability table for MM	F	5.1.0	5.2.0	T1	T1-020815	TEI
TP-020300	approved	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	T1-020827	TEI, LCRTDD
TP-020300	approved	34.123 -2	090		Rel-5	Addition of new TCs to table 1 applicability of tests	F	5.1.0	5.2.0	T1	T1-020832	LCRTDD
TP-020300	approved	34.123 -2	091	-	Rel-5	Addition of integrity protection test case to applicability table	F	5.1.0	5.2.0	T1	T1-020835	TEI
TP-020300	approved	34.123 -2	092	-	Rel-5	CR to Applicability Table for TC 16.1.6a & 16.2.6a	F	5.1.0	5.2.0	T1	T1-020856	TEI
TP-020300	approved	34.123 -2	093	-	Rel-5	CR to 34.123-2 REL-5; Update of applicability tables for RRC and GMM test cases.	F	5.1.0	5.2.0	T1	T1-020865	TEI
TP-020300	approved	34.123 -2	094	-	Rel-5	Update to applicability statements for new test case configuration	F	5.1.0	5.2.0	T1	T1-020839	TEI
TP-020272	approved	27.007	086	-	R99	Clarification in the behaviour of AT+W46	F	3.11.0	3.12.0	T2	T2-020990	TEI
TP-020272	approved	27.007	087	-	Rel-4	Clarification in the behaviour of AT+W46	A	4.4.0	4.5.0	T2	T2-020976	TI-ATC
TP-020272	approved	27.007	088	-	Rel-5	Clarification in the behaviour of AT+W46	A	5.1.0	5.2.0	T2	T2-020977	TEI5
TP-020272	approved	27.007	089	-	Rel-6	Clarification in the behaviour of AT+W46	A	6.0.0	6.1.0	T2	T2-020978	TEI6
TP-020273	approved	23.140	094	-	Rel-5	MMS message size definition and its support on the MMS UA.	F	5.4.0	5.5.0	T2	T2-020943	MESS5-MMS
TP-020273	revised	23.140	095	-	Rel-5	MMS UA behaviour regarding the MMS parameters on the (U)SIM	F	5.4.0	5.5.0	T2	T2-020946	MESS5-MMS
TP-020273	approved	23.140	096	-	Rel-5	Further corrections towards the MM7 XML Schema and MM7 examples	F	5.4.0	5.5.0	T2	T2-020952	MESS5-MMS
TP-020273	approved	23.140	097	-	Rel-6	Version Handling on MM4	C	5.4.0	6.0.0	T2	T2-020955	MMS6
TP-020273	approved	23.140	098	-	Rel-6	Addition of support for "Bcc" field in the MM4 reference point	F	5.4.0	6.0.0	T2	T2-020957	MMS6
TP-020276	rejected	27.007	090	-	R99	Clarification in the behaviour of AT+CGCLASS	F	3.11.0	3.12.0	T2	T2-020993	TEI
TP-020276	rejected	27.007	091	-	Rel-4	Clarification in the behaviour of AT+CGCLASS	A	4.4.0	4.5.0	T2	T2-020994	TI-ATC
TP-020276	rejected	27.007	092	-	Rel-5	Clarification in the behaviour of AT+CGCLASS	A	5.1.0	5.2.0	T2	T2-020995	TEI5
TP-020276	rejected	27.007	093	-	Rel-6	Clarification in the behaviour of AT+CGCLASS	A	6.0.0	6.1.0	T2	T2-020996	TEI6
TP-020321		23.140	095	1	Rel-5	MMS UA behaviour regarding the MMS parameters on the (U)SIM	F	5.4.0		T2		MESS5-MMS
TP-020322		23.140	099	-	Rel-5	MMS UA behaviour regarding the MMS parameters on the (U)SIM	F	5.4.0		T2		MESS5-MMS
TP-020278	approved	11.11	A133	-	R99	Essential corrections file size and record lengths in several EFs	F	8.8.0	8.9.0	T3	T3-020917	TEI
TP-020278	approved	51.011	016	-	Rel-4	Essential corrections file size and record lengths in several EFs	A	4.5.0	4.6.0	T3	T3-020918	TEI
TP-020279	approved	31.101	025	-	Rel-4	Remove mention of application specifications from TS 31.101	F	4.0.0	4.1.0	T3	T3-020871	TEI
TP-020279	approved	31.101	026	-	Rel-5	Remove mention of 3GPP applications using TS 31.101	A	5.0.0	5.1.0	T3	T3-020872	TEI

TP-020279	approved	31.101	027	-	Rel-6	Gather all 3GPP-specific card platform requirements in TS 31.101	D	6.0.0	6.1.0	T3	T3-020910	TEI
TP-020280	approved	31.102	125	-	Rel-5	Correction to the last selected application	F	5.2.0	5.3.0	T3	T3-020916	TEI
TP-020280	approved	31.102	126	-	Rel-6	Moving of all 3GPP-specific card platform requirements from TS 31.102 to TS 31.101	D	5.2.0	6.0.0	T3	T3-020912	TEI
TP-020280	approved	31.102	127	-	Rel-4	Essential corrections file size and record lengths in several EFs	A	4.6.0	4.7.0	T3	T3-020919	TEI
TP-020280	approved	31.102	128	-	Rel-5	Essential corrections file size and record lengths in several EFs	A	5.2.0	5.3.0	T3	T3-020923	TEI
TP-020280	approved	31.102	129	-	R99	Essential corrections file size and record lengths in several EFs	A	3.10.0	3.11.0	T3	T3-020941	TEI
TP-020281	approved	31.103	002	-	Rel-5	Replace TS 31.110 by ETSI TS 101 220	F	5.1.0	5.2.0	T3	T3-020896	TEI
TP-020281	approved	31.103	003	-	Rel-5	Management of Last Selected ISIM	F	5.1.0	5.2.0	T3	T3-020915	TEI
TP-020281	approved	31.103	004	-	Rel-6	Gather all 3GPP-specific card platform requirements into TS 31.101, and remove them from 31.103.	D	5.1.0	6.0.0	T3	T3-020911	TEI
TP-020282	approved	11.14	A212	-	R99	Allow ME to reject Set Up Call with Called Party Subaddress when feature is not supported in ME and correction of a reference in the SET UP IDLE MODE TEXT TLV	F	8.11.0	8.12.0	T3	T3-020876	TEI
TP-020282	approved	11.14	A213	-	R99	Clarification of the usage of busy status response for Cell Broadcast, Event download and Menu Selection Envelope.	F	8.11.0	8.12.0	T3	T3-020877	TEI
TP-020282	approved	11.14	A214	-	R99	Clarification on Default Bearer Description	F	8.11.0	8.12.0	T3	T3-020908	TEI
TP-020282	approved	11.14	A215	1	R99	Upgrade of TS 11.14 R99 to TS 51.014 Rel-4	C	8.11.0	4.0.0	T3	T3-020943	TEI
TP-020282	approved	31.111	074	-	R99	Clarification of the usage of busy status response for Cell Broadcast, Event download and Menu Selection Envelope.	A	3.8.0	3.9.0	T3	T3-020878	TEI
TP-020282	approved	31.111	075	-	Rel-4	Clarification of the usage of busy status response for Cell Broadcast, Event download and Menu Selection Envelope.	A	4.8.0	5.3.0	T3	T3-020879	TEI
TP-020282	approved	31.111	076	-	Rel-5	Clarification of the usage of busy status response for Cell Broadcast, Event download and Menu Selection Envelope.	A	5.2.0	5.3.0	T3	T3-020880	TEI
TP-020282	approved	31.111	077	-	R99	Wrong reference to TS 02.07	F	3.8.0	3.9.0	T3	T3-020922	TEI
TP-020282	approved	31.111	078	-	R99	Correction on the Cell-ID in the Location Information TLV object	F	3.8.0	3.9.0	T3	T3-020920	TEI
TP-020282	approved	31.111	079	-	Rel-4	Correction on the Cell-ID in the Location Information TLV object	A	4.8.0	4.9.0	T3	T3-020921	TEI
TP-020282	approved	31.111	080	-	Rel-5	Correction on the Cell-ID in the Location Information TLV object	A	5.2.0	5.3.0	T3	T3-020933	TEI
TP-020282	approved	31.111	081	-	R99	Allow ME to reject Set Up Call with Called Party Subaddress when feature is not supported in ME and correction of a reference in the SET UP IDLE MODE TEXT TLV	F	3.8.0	3.9.0	T3	T3-020935	TEI
TP-020282	approved	31.111	082	-	Rel-4	Restructuring of TS 31.111 to be based on ETSI TS 102 223	F	4.8.0	4.9.0	T3	T3-020937	TEI
TP-020282	approved	31.111	083	-	R99	Clarification on Default Bearer Description	F	3.8.0	3.9.0	T3	T3-020934	TEI
TP-020283	approved	43.019	028	-	Rel-5	Clarification of several methods regarding APDU overflow	F	5.4.0	5.5.0	T3	T3-020882	Java API
TP-020283	approved	43.019	029	-	Rel-5	Availability of Proactivehandler and ProactiveResponseHandler for EVENT_FIRST_COMMAND_AFTER_SELECT	F	5.4.0	5.5.0	T3	T3-020938	Java API
TP-020284	approved	23.048	027	-	Rel-5	Clarification of the Install(Install) command in case of installing a non Toolkit Applet	F	5.4.0	5.5.0	T3	T3-020887	TEI
TP-020284	approved	23.048	028	-	Rel-5	Clarification on the RC/CC/DS coding in SPI2	F	5.4.0	5.5.0	T3	T3-020894	TEI
TP-020284	approved	23.048	029	-	Rel-5	Mandatory/Optional/Conditional data in the Toolkit Applet Specific Parameters field	F	5.4.0	5.5.0	T3	T3-020929	TEI
TP-020284	approved	31.115	002	-	Rel-6	Clarification on the RC/CC/DS coding in SPI2	A	6.1.0		T3	T3-020895	TEI
TP-020284	approved	31.116	002	-	Rel-6	Alignment with TS 23.048 Release 5: Correction of the Specific behaviour for Response Packets (Using SMS-PP)	F	6.1.0	6.2.0	T3	T3-020893	TEI
TP-020285	approved	11.13	A005	-	R99	Update of 11.13 Specification for Release 99	F	8.0.0	8.1.0	T3	T3-020873	TEI

TP-020286	approved	31.121	014	-	R99	Correction of PIN 2 related tests	F	3.3.0	3.4.0	T3	T3-020897	TEI
TP-020286	approved	31.121	015	-	Rel-4	Correction of PIN 2 related tests	A	4.2.0	4.3.0	T3	T3-020898	TEI
TP-020286	approved	31.121	016	-	R99	Essential clarifications	F	3.3.0	3.4.0	T3	T3-020899	TEI
TP-020286	approved	31.121	017	-	Rel-4	Essential clarifications	A	4.2.0	4.3.0	T3	T3-020900	TEI
TP-020286	approved	31.121	018	-	R99	Correction of EF OPLMNwACT	F	3.3.0	3.4.0	T3	T3-020901	TEI
TP-020286	approved	31.121	019	-	Rel-4	Correction of EF OPLMNwACT	A	4.2.0	4.3.0	T3	T3-020902	TEI
TP-020287	approved	31.122	014	-	R99	Correction of test of Read Record on Linear Fixed EF and T=1 test	F	3.4.0	3.5.0	T3	T3-020903	TEI

ANNEX E List of approved WIDs

This table lists all WIDs (new and revised) approved at this TSG-T meeting:

Tdoc	Title	Source	Notes / Status
TP-020275	WID 3GPP Generic User Profile Data Description Method	T2	approved
TP-020288	Work Item Description on UEM	T3	approved
TP-020289	Revised Work Item Description for TS 23.048 test specification	T3	approved

ANNEX F List of all officials within TSG-T

This table lists all chairman and vice chairman of all working groups and sub-working groups within the Terminals TSG.

Position	Name	Organisation	Partner	Email	Tel
TSG-T (Terminals)					
Chair	Sang-Keun PARK	Samsung	TTA	spark@samsung.com	+82 3312809835
Vice chair	Ed EHRlich	Nokia Corporation	T1	ed.ehrlich@nokia.com	+1 972 894 4495
Vice chair	Kevin HOLLEY	mmO2	ETSI	kevin.holley@o2.com	+44 1473 605604
Secretary	Friedhelm RODERMUND	MCC (3GPP support)	3GPP	rodermund@etsi.org	+33 4 9294 4324
TSG-T WG1 (UE testing)					
Chair	Bjarke NIELSEN	Qualcomm Europe	ETSI	bnielsen@qualcomm.com	+49 170 5488456
Vice chair	Peter GEORGE	Anritsu Ltd	ETSI	Peter.George@eu.anritsu.com	+44 777 5704722
Vice chair	Hisashi NAKAGOMI	NTT DoCoMo	ARIB	hisashi@cet.yrp.nttdocomo.co.jp	+81 468 40 3100
Secretary	Lidia SALMERON	ETSI (3GPP support)	3GPP	salmeron@etsi.fr	+33 4 9294 4349
- RF Sub Working Group					
Chair	Kunitoshi YONEKURA	Fujitsu	ARIB	yonekura@jp.fujitsu.com	+81 44 754 3865
Vice chair	Edgar GUILLOT	France Telecom	ETSI	edgar.guillot@rd.francetelecom.fr	+33 2 9605 7855
- Signalling Sub Working Group					
Chair	Dan FOX	Anritsu Ltd	ETSI	dan.fox@eu.anritsu.com	+44 1582 433357
Vice chair	Kazuo HAYASHI	Matsushita	ARIB	kazuo.hayashi@yrp.mci.mei.co.jp	+81 0468 40 5542
TSG-T WG2 (UE capabilities)					
Chair	Ian Harris	Teleca Ltd.	ETSI	ian.harris@teleca.com	+44 1225 481 188
Vice chair	Peter NEUMANN	Siemens	ETSI	peter.neumann@mch.siemens.de	+49 89 7223 6718
Vice chair	Gunilla Bratt	Ericsson	ETSI	gunilla.bratt@ecs.ericsson.se	+46 46 193 729
Secretary	Friedhelm RODERMUND	MCC (3GPP support)	3GPP	rodermund@etsi.org	+33 4 9294 4324
- Mobile Execution Environment (MExE) (Sub Working Group 1)					
Chair	Lars BRENK	TTPCom	ETSI	lsb@tppcom.com	+45 9631 4646
- UE Capabilities and Interfaces (Sub Working Group 2)					
Chair	Prem SOOD	Sharp	ARIB	pls@sharplabs.com	+1 360 834 8708
- Messaging (Sub Working Group 3)					
Chair	Josef LAUMEN	Siemens	ETSI	josef.laumen@sal.siemens.de	+49 53419062830
TSG-T WG3 (USIM)					
Chair	Nigel BARNES	Motorola	ETSI	nigel.barnes@motorola.com	+44 1256 790 169
Vice chair	Paul JOLIVET	DoCoMo Europe	ETSI	jolivet@docomo.fr	+33 1 5688 3030
Vice chair	Jean-Francois RUBON	GEMPLUS Card International	ETSI	jean-francois.rubon@gemplus.co	+33 442 366639
Secretary	Claus Dietze	MCC (3GPP support)	3GPP	claus.dietze@etsi.fr	+33 4 9294 4290
- API Sub Working Group					
Chair	Paul JOLIVET	DoCoMo Europe	ETSI	jolivet@docomo.fr	+33 1 5688 3030

ANNEX F

3GPP email lists and server information

F.1 General

The 3GPP web site contains a lot of background information regarding the 3GPP. See <http://www.3gpp.org/>

F.2 Email lists

TSG-T has one email list called 3GPP_TSG_T. This is used to distribute all information related to TSG-T plenary. To subscribe to this list or to view the archives, go to: http://list.3gpp.org/3gpp_tsg_t.html The working groups under TSG-T all have several email lists as do all other 3GPP groups. The complete list of email lists (including all lists for ETSI committees) can be found at <http://list.3gpp.org/>. Those lists relevant for the 3GPP all have a list name starting with "3GPP".

F.3 Server location

All meeting invitations and documents are stored on the 3GPP FTP server. For TSG-T, the location is:

ftp://ftp.3gpp.org/tsg_t/tsg_t/

In order to avoid the inconvenience of downloading documents one at a time and to make it easier to determine which documents/specifications have been added to the area since you last visited the 3GPP site, it is recommended that users obtain an FTP synchronisation utility such as FTPSync. This shareware tool can be downloaded from the internet at:

<http://www.fileware.com/download.htm>

F.4 Other useful URLs

The following table lists the locations of some of the more commonly requested information:

3GPP (& ETSI) Meeting calendar	http://webapp.etsi.org/meetingcalendar/QueryForm.asp
All 3GPP (GSM and 3G) specifications	ftp://ftp.3gpp.org/specs/
Specification status database	ftp://ftp.3gpp.org/Information/Databases/Spec_Status
Change request database	ftp://ftp.3gpp.org/Information/Databases/Change_Request/
3GPP work plan	ftp://ftp.3gpp.org/Information/WORK_PLAN/
Document area for TSG-T WG1	ftp://ftp.3gpp.org/tsg_t/WG1_Test/
Document area for TSG-T WG2	ftp://ftp.3gpp.org/tsg_t/WG2_Capability/
Document area for TSG-T WG3	ftp://ftp.3gpp.org/tsg_t/WG3_USIM/