**3GPP TSG-T (Terminals) Meeting #19**
**Birmingham, UK**
**12 - 14 March, 2003**

***TP-030062***


# Technical Specification Group

# TERMINALS

# (TSG-T)

## v0.5

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

Hosted by the North American Friends of 3GPP

# Contents

**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 being 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 tdocs 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 LSs 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 WIDto 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. *Note after the meeting: according to the decision of SA#18 on this matter, this CR is considered as approved.*

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. *Note after the meeting: according to the decision of SA#18 on this matter, this CR is considered as rejected.*

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 Iu modes of operations. They saw some room for misinterpretation in the area of multimode terminals supporting A/Gb mode and Iu 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**<br>TSG-SA #19 | 12 - 14 March 2003<br>17 - 21 March 2003 | UK operators | Birmingham, UK |
| **TSG-T #20**<br>TSG-SA #20 | 11 - 13 June 2003<br>16 - 19 June 2003 | Nokia | Hämeenlinna, Finland |
| **TSG-T #21**<br>TSG-SA #21 | 17 - 19 September 2003<br>22 - 25 September 2003 | Siemens | Berlin, Germany |
| **TSG-T #22**<br>TSG-SA #22 | 10 - 12 December 2003<br>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 OP, PCG, TSG SA, TSG CN, TSG RAN, TSG GERAN* | 262, 263, 268, 313, 314 |
| *4.2 Others* | 269 |
| **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* | 266, 267, 290, 291, 292 |
| *5.1.2 Questions for advice and decisions on T1 issues* | |
| *5.1.3 Approval of contributions on T1 issues* | 293, 294, 295, 296, 297, 298, 299, 300, 301, 302 |
| *5.1.4 Documents for information* | |
| *5.1.5 Work programme review of T1* | |
| *5.2 WG T2 Mobile Terminal Services and Capability* | |
| *5.2.1 Reports and liaisons from T2* | 270, 271, 316, 317 |
| *5.2.2 Questions for advice and decisions on T2 issues* | |
| *5.2.3 Approval of contributions on T2 issues* | 272, 273, 274, 275, 276 |
| *5.2.4 Documents for information* | |
| *5.2.5 Work programme review of T2* | |
| *5.3 WG T3 USIM* | |
| *5.3.1 Reports and liaisons from TSG-T WG3* | 277, 315 |
| *5.3.2 Questions for advice and decisions on T3 issues* | |
| *5.3.3 Approval of contributions on T3 issues* | 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289 |
| *5.3.4 Documents for information* | |
| *5.3.5 Work programme review of T3* | |
| **6 TSG-T Project Management / Work Programme Review and Co-ordination with TSG-SA** | 264, 265, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312 |
| *6.1 Release 5* | |
| *6.2 Release 6* | |
| *6.3 Other issues* | |
| **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@ |
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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
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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 specifciation **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 | |

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| | | | | | | 6.1.3. | | | | | | |
| TP-020293 | approved | 34.108 | 171 | - | Rel-4 | Correction to Contents of the Scheduling Block Syste 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 transit 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 |

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| 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 | 34.123-1 | 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 | 34.123-1 | 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 | 34.123-1 | 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 | 34.123-1 | 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 | 34.123-1 | 319 | - | Rel-5 | Modifications to package 1 RLC Test Cases | F | 5.1.1 | 5.2.0 | T1 | T1-020685 | TEI |
| TP-020296 | approved | 34.123-1 | 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 | T1-020689 | TEI |
| TP-020296 | approved | 34.123-1 | 323 | - | Rel-5 | General corrections for clause 6 | F | 5.1.1 | 5.2.0 | T1 | T1-020691 | TEI |
| TP-020296 | approved | 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 | T1-020704 | TEI |
| TP-020296 | approved | 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 | T1-020705 | TEI |
| TP-020296 | approved | 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 | T1-020706 | TEI |
| TP-020296 | approved | 34.123-1 | 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 | 34.123-1 | 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 | 34.123-1 | 337 | - | Rel-5 | Clause 8.1 (Package 1) Rel-5: Correction from CRs approved in RP17meeting | F | 5.1.1 | 5.2.0 | T1 | T1-020784 | TEI |
| TP-020296 | approved | 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 | T1-020786 | TEI |
| TP-020296 | approved | 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 | T1-020787 | TEI |
| TP-020296 | approved | 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 | T1-020788 | TEI |
| TP-020296 | approved | 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 | T1-020789 | TEI |
| TP-020296 | approved | 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 | T1-020790 | TEI |
| TP-020296 | approved | 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 | T1-020792 | TEI |
| TP-020296 | approved | 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 | T1-020793 | TEI |
| TP-020296 | approved | 34.123-1 | 345 | - | Rel-5 | Modifications and corrections of GMM test cases | F | 5.1.1 | 5.2.0 | T1 | T1-020794 | TEI |
| TP-020296 | approved | 34.123-1 | 364 | - | Rel-5 | Update to TC7.2.3.19( RLC PDU Continuous Transmission) | F | 5.1.1 | 5.2.0 | T1 | T1-020714 | TEI |

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| 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 |

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| | | -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 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 appicability 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 | approved | 23.140 | 095 | 1 | Rel-5 | MMS UA behaviour regarding the MMS parameters on the (U)SIM | F | 5.4.0 | 5.5.0 | T2 | - | MESS5-MMS |
| TP-020322 | rejected | 23.140 | 099 | - | Rel-5 | MMS UA behaviour regarding the MMS parameters on the (U)SIM | F | 5.4.0 | 5.5.0 | 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 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 specifciation | 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 | skpark@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@ttpcom.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)*** | | | | | |
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# 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 doo 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 Sever 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/ |