3GPP TSG-T (Terminals) Meeting #22
Maui, Hawaii, USA
10 - 12 December, 2003

TP-030230

Technical Specification Group

TERMINALS

(TSG-T)

draft v0.4

Meeting Report of TSG-T meeting #21
Frankfurt, Germany, 17 - 19 September 2003

Hosted by Siemens

Contents

Chairman: Dr. Sang-Keun Park (Samsung)
Vice-chairmen: Ed Ehrlich (Nokia Corporation) and Kevin Holley (mmO2)
Secretary: Friedhelm Rodermund (MCC)
Host: Siemens

1 Opening of the Meeting and reminder for IPR declaration

The meeting was opened by Dr. Sang-Keun PARK at 09:00. On behalf of the hosts, Kay KITTEL (Siemens) welcomed the delegates to Frankfurt.

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

The chairman made the following call for IPRs:

> The attention of the members of this Technical Specification Group is drawn 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**.
>
> The members take note that they are hereby 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 Technical Specification Group.
> - to notify the Director-General, or the 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 (e.g. see the ETSI IPR forms http://webapp.etsi.org/Ipr/).

2 Approval of Agenda

TP-030156 contains the draft agenda for TSG-T #21. The agenda was approved and can be found in annex A of this report. It was agreed to make the output document from the OMA/3GPP workshop available under agenda item 4.1.

3 Approval of the meeting report from TSG-T #20 meeting

TP-030155 contains the draft report from TSG-T #20 (Hämeenlinna, 9 – 11 June 2003). It was approved.

4 Letters and reports from other groups, LS incoming

4.1 Reports from OP, PCG, TSG SA and others

TP-030157 contains the summary of TSG-SA#20 results related to TSG-T.
The document was noted.

TP-030158 contains the draft report of TSG-SA #20 ((Hämeenlinna, 14 – 17 June 20033).
The report was noted without presentation.

4.2 LSs from TSG-SA, TSG-RAN, TSG-CN, TSG-GERAN and others

TP-030213 contains an LS from RAN to TSG-T on the documents to be considered for the Revision 4 of Recommendation ITU-R M.1457. TSG RAN would like to inform TSG T that the listed Specifications that are under TSG T responsability are contained in the current version of Rec. ITU-R M.1457: TSG RAN asks TSG T to check whether this material is correct and complete.

- The T3 chairman pointed out that TS 31.103 is missing in the list.
- Nicola PIO MAGNANI (Telecom Italia) pointed out that the list is release independent and that the availability of a Rel-6 version today is not binding.

- The idea is to give an overview of the complete system and not only to the radio interface. Every radio specification has to be on the list and other specifications could be added if felt appropriate. To be on the safe side all TSG-T specs could be included.

The LS was noted and the WG chairs and secretaries were tasked to review and update the list and created a response to TSG-RAN. The reply LS was created in TP-030219.

TP-030219 contains an LS from TSG-T to RAN on the documents to be considered for the Revision 4 of Recommendation ITU-R M.1457. TP-030220 is the attachment to the LS TP-030219 showing the changes to the original list.

- There was some confusion whether unapproved Rel-6 specs should be in the list.
- It was reported that this list will be published be the ITU by the end of this year. It was questioned how Rel-6 specs can then be in the list because they will not be transposed by the 3GPP partners by that time.
- It was agreed that TS 27.103 Wide Area Synchronisation Standard should remain in the list.

The LS was revised to TP-030221 and the attachment was revised to TP-030222. The LS in TP-030221 was approved and TP-030222 was noted. Later during the meeting, TSG-T was informed by Nicola that TS 23.241 "Generic User Profile and Data Description Method Stage 2" will not be listed in ITU-R M.145 because it will not be approved by the end of the year.

TP-030161 contains an LS from GSMA SCAG to 3GPP SA cc 3GPP SA1, 3GPP T3, 3GPP T on proactive capabilities in the UICC to support MMS management. GSMA SCaG is not completely satisfied with the current status of this work and would like to encourage 3GPP to find the quickest path in order to include all these new features in Release 6 specifications.

The LS was noted.

TP-030162 contains an LS from CN1 to T, T3 on Removal of RPLMNAcT for GSM COMPACT. CN1 informs that the references to RPLMNAcT have been removed from all TS 23.122 and TS 24.008. CN1 recommends T3 to amend their specifications on RPLMNAcT accordingly to avoid potential mismatches between the CN1 and T3 specifications.

- T3 reported that they agreed related CRs to remove RPLMNAcT to be presented at this meeting.
- The T3 chairman explained that this file is no longer required because it was used to support GSM Compact which doesn't exist anymore.

The LS was noted.

TP-030163 contains an LS from OMA Requirements Working Group to 3GPP SA, CN, T, RAN, GERAN, 3GPP2 TSG-S on the need for OMA Liaison with 3GPP and 3GPP2 re PoC. OMA Requirements Group would like to inform 3GPP and 3GPP2 of the PoC standardisation work just started in OMA and also ask that 3GPP and 3GPP2 for any suggestions to minimise or eliminate any potential duplication of work going forward.

- It was felt that TSG-T should study the terminal related aspects after SA1 had checked the service requirements.

The LS was noted and no action was taken at this point of time. Delegates were invited to study this and if anything occurs they are invited to raise it in TSG-T.

TP-030164 contains an LS from SA1 to T cc T3, SA2, T2 on MMS as a Bearer for USAT. SA1 agreed that the principle requirement is to provide a higher bandwidth channel to USAT, than that currently provided by SMS. SA1 informed that it was not the job of SA1 to select the solution, to meet this requirement.

The LS was noted.

TP-030167 contains an LS from SA2 to TSG-T, T3 cc SA 1, T2 on MMS support by USAT. SA2 thinks that MMS appears to be a suitable 'bearer' to use as a natural evolution of multiple concatenated SMs.

- It was felt that SA2 has not done a full analysis of the available options.

The LS was noted.

TP-030202 contains an LS from T2 to TSG-T, SA1, SA2, T3 on addition of MMS support by the USIM Application Toolkit. T2 confirms that it is in principle technically feasible for MMS to be used as a transport mechanism for the transfer of data (e.g. any application data) to and from a terminal. Utilising MMS for this purpose will overcome the complexities and additional overheads of using SMS for large data downloads. T2 asks for further advice on how to proceed on this new feature.

- It was commented that if MMS is made a bearer MMS it is forced to become an integral part of the terminal which poses the MMS client concept into question. TSG-T should make it clear that MMS is an client application which can be downloaded and which is not an integral part of the terminal.
- It was commented that MMS is the natural evolution of SMS and that it should be considered to have also a client on the UICC for storage of MMS on the UICC and for using MMS as a bearer for USAT applications.
- There is already an existing solution which can be used for USAT data transfer: BIP (Bearer Independent Protocol) based on GPRS. The benefits of the proposed new solution have to be made clear before any new work should be started.
- The benefits of using MMS as a bearer for USAT are that MMS can be pushed from server to terminal and that the application on the server and the card side don't have to bother about provisioning data.
- It was felt that SA2 is the right place to discuss which is the best architectural solution and that TSG-T shouldn't go into a deep discussion regarding these aspects.

The LS was noted an LS to SA2 was created in TP-030214 asking SA2 for a more details analysis.

TP-030214 contains an LS from TSG-T to SA2 on the use of MMS as a bearer for USAT. In TSG-T it was agreed that a more detailed analysis is required to establish exactly what needs to be changed in the 3GPP system to support the new requirement before concluding that "MMS" is the best method.

- It was questioned whether SA1 had really decided that a new mechanism is required for providing a higher bandwidth capability for USAT. Wasn't the decision about the requirement for toolkit MMS management by the USAT? This question was answered and the related LS was shown. This LS stated that there is a requirement for a higher bandwidth mechanism for data exchange with the USAT.
- The appropriate use of the term "bearer" was questioned and it was suggested to put it into quotation marks or to replace it by a term such as "data transport mechanism".
- It was mentioned that a simple formatted SMS can establish the push mode for BIP.
- It was stated that in order to use BIP as a bearer another system architecture (including a server) is required. BIP is only implemented by "some" manufacturers and not by "several" as stated in the LS.
- It was agreed to copy this LS also to SA1.
- It was agreed to replace the term "bearer" in some occurrences.
- If somebody downloads an MMS client one cannot rely that the client will be able to download an MM to the UICC. The creation of a trusted environment would be required. There is currently no means from the network side to address an MM to a specific client on the mobiles side. (e.g. either to the client in the UICC or in the UE).

The LS was revised to TP-030224 which was then revised to TP-030225.

TP-030225 contains an LS from TSG-T to SA2 on the use of MMS as a bearer for USAT. Some small changes were made and the LS was revised to TP-030228 which was approved.

TP-030165 contains an LS from SA1 to SA2, SA5, CN, RAN, T, GERAN on TR 22.952, Priority Service Guide – request for review and comment. SA1 asks T to review and comment on aspects of draft TR 22.952 relevant to T.

- TSG-T-vice chairman Ed EHRLICH (Nokia) gave some background information. The requirement for this comes from the US government and it has become more urgent since the September 11th events.
- The T2 chairman reminded that there was a related debate on using SMS and MMS for emergency services.
- The access control class and the eMLPP levels on the UICC are affected. It was reported that there is no problem regarding the availably of related files on the UICC. It was suggested to consider also the USIM.

A reply LS to SA1 and SA was created in TP-030216. Because TSG-T WGs are meeting after the next SA1 it was felt that if would not make much sense to send the document for review to these groups. Instead, T-delegates were asked to consult the experts in their companies during the time of this TSG-T meeting and come back with comments on the LS to be sent.

TP-030206 contains an recommendation from the European Commission on location-enhanced emergency call services. Member States should require their national authorities to report to the Commission on the situation of E112 implementation by the end of 2004 so that the Commission can undertake a review taking into account

the emerging requirements from public safety answering points and emergency services and the evolutions and availability of technological capabilities for location determination.

- The document includes a requirement for the mobile to send location related data when dialing 112. There seems to be no accuracy requirement.
- It was reported that from the GERAN point of view everything is covered which is required.

The document was noted.

TP-030201 contains an LS from T2 to SA and T cc SA1 Emergency services using SMS / MMS. T2 asks SA and T to debate this subject and decide whether further action by 3GPP should be taken at this stage and what those actions should be.

- The access control class allows in certain cases only emergency calls to pass. It has to be investigated if SMS are allowed to pass in an emergency situation.
- It was reported that work on multimedia priority service is ongoing in SA1.

The LS was noted.

TP-030216 contains an LS from TSG-T to SA1 cc T2, T3 on TR 22.952, Priority Service Guide. TSG-T has reviewed TR 22.952, Priority Service Guide and offers comments to SA1 for consideration.

The LS was revised with minor changes to TP-030229 and approved.

TP-030166 contains an LS from SA1 to T3 cc T on support of GSM SIM files (and services) on the USIM. SA1 asks T3 to identify the list of files/feature which support could be potential discontinued due to technical reasons, so S1 could verify the existence of specific need and confirm/not confirm the requirements for the specific features.

The LS was noted and the reply LS from T3 can be found in TP-030204.

TP-030204 contains an LS from T3 to SA1 cc T on support of GSM SIM files (and services) on the USIM. T3 asks SA1 to identify the services that must be continued for GERAN Rel5 terminals and/or UTRAN terminals: SoLSA, ASCI (VBS/VGCS), NIA.

The LS was noted.

TP-030168 contains an LS from Mobile Applications Group of the Open Mobile Alliance to 3GPP TSG T cc 3GPP TSG T2, 3GPP SA1, OMA Requirements WG Proposed use of OMA DRM with MMS. OMA MAG requests that 3GPP TSG T2 place a requirement on the MMS Relay/Server to prevent the forwarding of OMA DRM “forward locked” or “combined delivery” content to other than the intended recipient.

- The TSG-T secretary reported that this LS has been treated by T2 and that T2’s reply can be found in TP-030203.

The LS was noted.

TP-030203 contains an LS from T2 to OMA-MAG, OMA-MAG-DLDRM cc TSG-T, OMA-MAG-MMSG, SA1, OMA-REQ on Enhancements to DRM Support in MMS. T2 kindly asks OMA-MAG and OMA-MAG-DLDRM group to confirm whether they also understand that the approved changes in attached T2-030473 allow the MMS to fully support the OMA DRM specification and provide additional detailed feedback in case they feel it appropriate.

The LS was noted.

TP-030207 contains an LS from PCCA on Change request for PCCA +WS46 parameter values. The LS informs that the PCCA voted to accept the changes made by 3GPP.

The LS was noted.

TP-030217 contains the key points elaborated during the OMA/3GPP workshop (15th September 2003, Frankfurt). The objective of this document is to identify what further actions should be taken in order for the work to progress. The workshop did not have any mandate to make decisions and it is up to the members to pursue possible points.

Discussion:

- The intention is not to have the same requirements in both organizations. However, if OMA creates service requirements they might note that there are additional requirements on the underlying cell network which are not already catered for. In that case 3GPP would create the requirements in 3GPP for this.

- It was suggested that TSG-T should note that the discussion has taken place and the actions identified and that members are expected to bring contributions to solve the issues on a case by case basis. It was also suggested to invite WGs to discuss the issue.
- The paper says that Joint meetings or other mechanisms (e.g. OMA WG "x" and 3GPP WG "y" joint meeting, LSs) are encouraged to identify proposals for work split, with any recommendations (including timescales) being made back to each organization to be formally agreed. This could be one way to tackle overlap and cooperation issues it required but there are also other ways (LS etc.).
- Logistics for joint meetings have to be clarified (e.g. formalities for OMA guests). The easiest thing to do is to have a workshop where rules don't apply. Any output of a workshop has of course to follow the official rules in the respective organizations.
- It has to be decided when to open the MMS debate. TSG-T might be the right organization for that. An option would be to hold a joint workshop with OMA/3GPP/3GPP2 to solve the issue.
- It was reported that MMS chairs had two meetings on the future organization for the MMS standardization work. One outcome of these meetings is a document identifying several possible ways forward including their pros and cons.

The document was noted. The delegates who have expressed their opinions on a way forward regarding the future work organization of MMS are invited to come up with contributions during this meeting. Later during the meeting, proposed ToRs for joint OMA/3GPP/3GPP workshop were created in TP-030227.

TP-030205 contains an LS from T3 to OMA Requirements WG, OMA Device Management WG cc 3GPP TSG-SA1, 3GPP TSG-T on 3GPP Smart Card Application Provisioning Parameters. T3 would like to inform the OMA Requirements and Device Management Working Groups of existing 3GPP specifications containing definitions of MMS and IMS (IP Multimedia Subsystem) parameters that may be stored on the 3GPP smart card.

- It was reported that the OMA Requirements Group did not take any action because they felt this was more appropriate for the Device Management 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 T1

TP-030187 contains the status report from T1 covering the period since the last TSG-T meeting. TP-030188 contains the draft minutes from the last T1 meeting.

T1#20 was held in Munich, Germany 28 July – 1 August 03, hosted by Rohde & Schwarz and attended by 56 delegates. Approximately 330 documents processed during the Plenary resulting in 156 docs submitted for approval.

30 new TTCN test case were approved by email since T#20 until 16 September 2003 and up to 13 more could be approved by 19 September 2003.

The T1 chairman raised the problem of the situation of T1 MCC support. Since Lidia's departure there was no replacement and Alain took over T1 as an additional task. The T1 chairman pointed out that he is very happy with Alains's work but that there were problems with his availability because of other responsibilities Alain has. At this point in time when the test case development is going on at a high pace it is very critical for T1 to have sufficient support. Among the conflicting tasks, a quick response time for allocating tdoc numbers is needed by T1 and now the implementation of CRs, to be done just after the plenary, might conflict with Alain's other tasks. The T1 chairman asked the TSG-T chairman to take up this issue in behalf of T1.

5.1.1.1 RF test status

RRM Background Analysis

Further analysis on test tolerances was completed particularly by Racal Instruments, Agilent, Rohde & Schwarz and Anritsu. CRs on test tolerances are submitted for RRM test cases for approval including Cell Reselection in CELL_FACH, Random Access, CPICH RSCP and CPICH Ec/Io test cases. A TR is going to be developed to capture the work done on measurement uncertainty for the more complex RRM test cases.

Status of RRM tests

The status of the completeness of RRM tests was given (TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD); TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)). TS 34.121 R99 is now considered as 90% complete. Previously reported figures are now deemed to be misleading because the tests did not include test tolerances just the minimum requirements.

One new test case was created: Test description was created for Cell Reselection to GSM test case

Maintenance of R99 Specifications

The follow-up database is maintained by Nokia. It provides assistance in tracking the changes to core specifications that are not covered by relevant test specification CRs. Updates were made in accordance with the latest core specifications.

5.1.1.2 Signalling test status

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

T1 has discussions to change default Network Mode of Operation from NMOI to NMO II. Views being sought from GSMA TWG (to become the Device Interoperability Group). RB for Wideband AMR testing is being introduced. Corrections have been made to the use of Activation Time following recent clarifications in the core specifications.

The common procedures have been extended to handle the various ways that UEs can attach to networks.

TS 34.121 Single Release

Following T#20, Rel4 & Rel5 versions have now been created. Furthermore, a single Release of TS 34.121 has been prepared for approval, as a result of a T1 study into the best method of a maintaining a single release document based on Rel5 to cover R99 & Rel4 & Rel5.

Work will now start on a single version release of TS 34.122, this is expected for approval at T#22.

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

One Package 2 RRC RB reconfiguration test case was removed following clarification in core specifications on use of activation time made the test purpose redundant. Removal of one Package 2 MAC test case as it duplicates test coverage provided by an RRM test case. Resolved test method issues with proving that a radio bearer has been reconfigured correctly after RB RECONFIGURATION. Agreement was reached on use of ATT flag in GMM test cases.

A new test case for RAU procedure was introduced. Inter RAT test cases have been added and the specification has been updated in line with Mar 03 core specifications. The removal of redundant RAB test cases and the removal of redundant state transition test cases are considered to have no coverage impact. The following test cases were included for RRC Measurement Control and Report: Inter-frequency measurement and Traffic Volume (TDD).

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

The TS was updated to reflect changes in TS 34.123 – 1.

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

82 P1 test cases are now verified by T1 to Mar 02 baseline and 14 P2 test cases are now verified by T1 to Mar 02 baseline (status 16 Sep 03). TTCN is now moving to Mar 03 baseline.

Major effort is done by the industry to re-verify all test cases on new baseline. TS 34.123-3 TTCN V3.3.0 will be based on March-03 core specifications. Up to 16 Package 2 test cases are expected in the next 2 weeks by email. In the background Motorola has now verified 89 P1 and 65 P2 test cases against the Jun 02 baseline.

A three phase integration plan was agreed by T1 to reduce regression test time and further optimise the TTCN verification process against the new baseline.

Progress on the conversion to Mar 03 baseline: Phase One regression tests completed, Phase 2 & 3 to be completed in the next 3 weeks.

Multiple lessons learnt during the initial phase inter alia: Better preparation and understanding of the regression testing, wider availability of UEs and support from UE manufacturers needed, wider involvement from test equipment manufacturers.

TP-030195 contains the TTCN Project Team (160) report.

Overview

5 TTCN deliveries have been issued. The baseline was moved from March 02 to March 03 in TTCN. Prose CRs from T#20 have been implemented in TTCN for P1+P2. 3-phases regression tests have been implemented for V330 delivery.

Three new TTCN experts are joining the team. ETSI hosts the regression test for 3 verification teams.

TTCN in 2004

New requests received:

- R99 GERAN-> UTRAN PS HO from operators
- Rel-4 LCR TDD from CCSA members led by Datang
- Rel-5 SIP from manufacturers

The major goals for 2004:

- Completing R99 for P3 and P4 (FDD)
- Starting Rel-4 LCR TDD (for P1 or P1+P2?), high reusability of FDD TTCN
- Working with manufacturers for SIP
- Developing R99 GERAN->UTRAN PS HO on behalf of GERAN

First funding estimation:

- For FDD, keep the same funding level as 2003 (58 mm)
- For TDD, 2/3 capacities of FDD (39 mm)
- Encouraging more voluntary contributions for SIP TTCN

TSG-T is asked to agree on the goals and present these to PCG/OP meeting for funding.

Discussion:

- It was asked for that any request should go via TSG-T so that it can be evaluated.
- It was noted that the tests are not used (yet) by operators for their procurement process and therefore if it questioned whether it was appropriate to ask the members for money and whether there was a need for this activity at all. The GCF scheme has no influence on the number of mobiles sold since it has no influence on the procurement process.
- It was noted that no company has the possibility to perform such a task on its own and therefore such a group like STF160 is needed.
- The GCF provides a means of benchmarking the quality of the UE against an agreed set of test in such a way that a manufacturer has only to pass a set of predefined tests instead of passing different tests of every operator.
- If operators would ask for this GCF certification (e.g. in their contracts) this would possibly encourage vendors to invest in this area.
- Vodafone expressed that they see the need for this activiy.
- It was requested to have the clear consequences explained if funding for 2004 is not available.
- It was reported that 10 % of the overall 3GPP project costs are for the TTCN activity.
- One way forward would be for TSG-T to priotise the 2004 activities and leave the decision to the PCG.
- It seems necessary to guarantee the Rel99 part of the work. The question is if for the work after that other sources of funding can be found.

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. See document TP-030226 for the conclusion on the funding issue.

5.1.1.3 Other issues

OMA Related Issues

GCF Feasibility study on Application Enabler certification has been started. T1 did not appoint an OMA Liaison Delegate. No contributions were received by T1 for application enabler conformance tests within 3GPP scope yet although, ‘the door has been left open’.

The Way Ahead – Update since T#20

More informal liaison taking place but still need more assistance with RRM test specs. It is planned to co-locate T1#23 with RAN 4 in May 04.

Maintain close liaison with the GCF: T1 provided update to the GCF Steering Group#17. Re-verification of TTCN programme being undertaken for the move to Mar 03 core spec baseline as requested by GCF. T1 update presented to GCF UTRA AG#4 in June 03 and next update to be given to UAG#5 in September 03.

Establish working relationship with OMA IOP WG: Informal basis only. There are no plans to formalise the relationship as T1 does not see the necessity.

The Way Ahead – T1 Chair's Aspirations

Support to GCF for TTCN verified test cases: Deliver minimum 95% of package 1 by late Nov 03, Deliver minimum 80% of package 2 by late Nov 03, Deliver minimum 20% of package 3 by late Nov 03.

Introduce Test Tolerance to at least 4 more of the outstanding RRM test cases.

Develop a single release doc for TS 34.122.

Introduce a TR to cover work on measurement of uncertainty.

During the general discussion of the T1 progress report, the following comments were made:

- Slide 14: It was clarified that up to 16 Package 2 test cases are expected in the next two weeks by email according to Mar 02 baseline.
- Slide 20: The goals are related to the Mar 03 baseline.
- Slide 17: A Feasibility study is being created to look whether it is possible to certify enablers and to check if GCF is the right place to have a kind of certification.
- It was clarified that at every GCF 3G agreement group meeting the test case packages are reviewed but the number of TCs remains stable. There are basically no changes to packages 1 and 2.

The progress report from T1 was noted.

5.1.1.4 LS from T1 to TSG-T

Treated under 4.2.

5.1.2 Questions for advice and decisions on T1 issues

TP-030226 contains a document on Conformance Test Specifications TTCN comments. The document gives the latest status regarind the TTDN test case developemnt and exlpains the ETSI MCC 160 Focus for 2004:

Discussion:

- See discussion of the funding topic related to TP-030195
- Motorola expressed their opinion that the existing work program for R99 should have highest priority. Newer functionality should have a lower priority regarding the funding and possibly external funding could be sought.

TSG-T endorsed the request for 2004 by STF 160 as it appears in the last slide of the STF 160 report in TP-030195. For FDD, to keep the same funding level as 2003 (58 mm). For TDD, 2/3 capacities of FDD (39 mm). Within the TTCN project higher priority should be given to earlier committed tests. New functionality should be given higher priority in terms of funding than extending the general test coverage. Additional inventive ways of raising funds should be encouraged. This will be reported to the PCG.

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-030189 contains CRs to TS 34.121. It was noted that the CRs 294, 295 were missing from the package. The CRs were all approved.

TP-030218 contains CRs 294, 295 to TS 34.121. The CRs were all approved.

TP-030190 contains CRs to TS 34.122. The CRs were all approved.

TP-030191 contains CRs to TS 34.108**.** All CRs were approved.

TP-030192 contains CRs to TS 34.123-1. The CRs were all approved.

TP-030193 contains CRs to TS 34.123-2 . The CRs were all approved.

TP-030194 contains CRs to TS 34.123-3 Prose part and TTCN part except Annex A. The CRs were all approved.

TP-030196 contains List and status of T1 Wis. Several work items are being removed. The changes to the WI document were approved.

TP-030198 contains WI sheet for conformance testing of HSDPA. The WI was approved.

TP-030199 contains CR 162 to TS 34.123-3 Prose part Annex A. The CR was approved.

TP-030208 contains additional CRs to 34.123-3 V321 TTCN part. The CRs were all approved.

TP-030209 contains Second addition of CRs to TS 34.123-3 V321 TTCN part . The CRs were all approved.

5.1.4 Documents for information

TP-030197 contains an information document on the Technical Report for measurement uncertainty. It is proposed that while those contributing to this difficult area are still focused, that an 800 series (not published) TR, or perhaps even a published 900 series TR if deemed worthwhile, is developed to capture all the valuable background information that has been generated in solving the problem of measurement uncertainty. It is not intended that the creation of such a document would in any way hinder the progress that still needs to be made, but instead be a repository for the ongoing analysis, which would enable future work in this area to be more accessible than if we just documented the end result and lost the background information.

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-030170 contains the T2 status report (slides) and TP-030171 contains the draft report the last T2 meeting.

5.2.1.1 Status report

TSG T2 Elections

There were no candidates for the second position of T2 Vice Chair. Re-appointment of SWG2 and SWG3 chairs were unopposed. SWG1 was dissolved and therefore no appointment of an SWG1 chair was necessary. Lars Brenk (TTPCom) will continue as MExE Rapporteur and will co-ordinate any future ongoing work on MExE under the direction of T2.

Key issues at T2#21

38 delegates attending, approx 197 tdocs processed.
MMS WID: There were no contributions on some items in the WID and the following items have now been removed from the WID. A new WID has been produced for T approval: Enhancements to Interworking and Transcoding, User Profile mechanisms, Streaming enhancements, MMBox (Network based storage) enhancements

GUP WID: All supporting companies with one exception whose names are on this WID have stated that they have no intention to provide any input to progress this work in 3GPP although they still support the GUP work. Companies whose names are not on the WID are however providing contributions. Further support for input is sought from companies at TSG T.

SWG2 (UE Interfaces and Capabilities) Summary

5 CRs and 3 LSs agreed, CRs relate to AT commands TS 27.007. One set of REL-5 and REL-6 CR's referencing 24.008 also references 24.008 section numbers. The T2 chair and some T2 delegates expressed concern about this and would prefer no cross reference to sections in another specification. TSG T's advice is sought as the SWG2 chair had reasons why such a reference was desirable.

Generic User Profile: See under key issues

SWG3 Summary (MMS)

10 CRs 23.140), 8 LSs and 1 MMS REL-6 WID agreed. Minor maintenance work on REL-5 and REL-6 enhancements:

- Enhancements to DRM support in MMS (addition of Forward Lock and Combined Delivery and other enhancements)
- Size in Retrieval Request added. Within a retrieval request the recipient MMS User Agent may indicate a size restriction of the returned MM
- More detailed MM3 specification (interface between MMS and external messaging services)
- Extension of MM4 interface (between MMS Relay/Servers) for delivery report enabling the originator MMS Relay/Server to request a delivery report for the MM
- Reply charging in case of forwarding

Proposals not finalised yet :-

- IMEI mechanism for Legacy Phone detection prior to Notification
- Hyperlink support in MMS
- MMS-based end-to-end communications between Java applications
- GRX addressing support over the MM4
- Support of SIP addressing in MMS
- Conditional delivery mechanism
- MMS support for USAT
- Charging Transparency
- Routing of MM with multiple addresses
- AT commands for MMS

SWG3 Summary (SMS)

2 CRs REL-6 and 1 LS agreed. –The LS is a resulting action from the joint T2/AT-F meeting concerning sub addressing. –The CR's adds a video message indication to TS 23.040 and aligns TS 23.038

SWG3 Summary (CBS)

1 LS agreed.
The outstanding CBS matter from T2#21 concerning discrepancies between GSM and UMTS 'Service Area List' has now been resolved and an LS has been sent to RAN3.

The outstanding CBS matter from T3 at TSG T#19 concerning inadequate definition of CBdata field format for UMTS is now resolved. Draft CRs produced with the intention of presenting them at T#22.

During the general discussion on the T2 report, the following comments were made:

- Regarding the GUP work, it was clarified that all supporting companies with one exception whose names are on this WID have stated that they have no intention to provide any input to progress this work in 3GPP although they still support the GUP work. Companies whose names are not on the WID are however providing contributions.
- Ericsson proposed that TSG-T has a look at the WID to check of there are enough companies still supporting the WID. If there was not enough support the WID should be closed. However, this way forward was not agreed.
- A discussion took place on a different understanding of the approval process for WIDs. The TSG-SA chairman explained the for the approval of the WD it is not only required to have at least four

supporting companies but it is also required to have consensus of the meeting to start the work. Consensus means that either there is a consensus without any sustained objections, or, if there is one sustained objections then the chairman can ask for a vote.

- The T2 chairman added some information on the MMS chairmen's meeting. Possible options for the future organisation of future work were elaborated with the pros and cons. The document describing these options was made informally available on the meeting server. The intention of the MMS chairs was to complete the document within the next weeks and make it then available to the groups.
- It was pointed out that there is a risk of a perception that people think the group does decisions because the people attend as official representatives of their organisation. It was stressed by the T2 chairman that there is no intention to draw any conclusion from the meeting and from the output document created.

The status report from T2 was noted.

5.2.1.2 LSs from T2 to TSG-T

Treated under 4.2.

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-030169 cotnains a CR on MExE. The CR was approved.

TP-030173 cotnains CRs on SMS. The CRs were all approved.

TP-030174 cotnains CRs on MMS. The CRs were all approved.

TP-030175 cotnains a revised WID MMS Enhancementsl. The WID was approved.

TP-030212 cotnains CRs on AT commands. CRs 113, 114, 115 on Corrections to AcTs of PLMN Selection were withdrawn.

- Concerns were expressed about the risks to add subclause numbers to refernces because these numbers may become obsolete if the referenced specification is changed e.g. subclauses inserted.
- It was clarified that according to the 3GPP drafting rules TR 21.801 it is possible to use subclause numbers in references.
- It was felt that we can rely on the rapporteur to keep the numbering as it is.
- Motorola expressed their objection on using direct references instead of given direct reference to the name of the information element. Direct references should only be used in test specs

The CRs were approved.

5.2.4 Documents for information

No documents were presented under this agenda item.

5.2.5 Work programme review of T2

This topic was discussed under 6.3 and 7.

5.3 WG T3 USIM (new: Smart Card Application Aspects)

5.3.1 Reports and liaisons from T3

TP-030132 contains the status report (slides) for T3.

5.3.1.1 Status report

Information from TSG-T3#28

T3#28 was attended by 47 delegates from 12 countries.

59 (+ 6 conditionally) CRs and 1 WID were agreed; 5 LSs were approved.

Support of Short File Identifiers by EFs in DF_Phonebook: the interpretation of the support of a Short File Identifier (SFI) for EFs under the DF_PHONEBOOK was discussed. Whereas some companies interpreted the existence of the SFI as optional some others interpreted it as mandatory. Implementations exist for both cases. After a long discussion it was concluded to mandate the SFI in these files. This also lead to a restriction of max. 30 EFs under DF_PHONEBOOK. It was stated that this restriction needs to be resolved from Rel-6 onwards. Further clarification to the SFI was done and CRs were agreed.

T3 related MMS aspects: T3 agreed to hold an ad hoc meeting in October to discuss the USIM/USAT support of MMS. The ad hoc will deal with all T3 related MMS aspects for which SA1 requirements have been approved.

Turnaround Guardtime: A CR to be approved by EP SCP for the UICC platform was pending and discussed as it had severe impact on T3 applications. The SCP CR restricted the UICC platform to send/transmit within 12 etus (aligns with the SIM). As there are implementations in the field that are according to the existing specification (send within 16 etus), related T3 CRs were proposed and discussed. It was concluded to send an LS to SCP asking them to consider the fact that implementations exist in the field. It was further concluded to add a clarification to TR 31.900 on this issue.

Interface speed enhancement: A CR was proposed to introduce a further speed enhancement [(Fi, Di)=(512, 64)] to the card and to indicate this enhancement in the ATR. Concerns were raised about how a terminal would interpret the new indicated mandatory minimum speed in case it is not recognized by the terminal (= existing terminals that are not aware of the new encoding of the ATR). An action was given to terminal manufacturers to check on the terminals behaviour in such a case.

USIM usage for MBMS security: discussions are ongoing in SA3 on the usage of the USIM for MBMS security. The results will impact the T3 specifications as some new commands may be necessary. T3 encourage T and SA to involve T3 in this work as the inclusion of the feature to the smart card for Rel-6 is time critical.

Provisioning Service Connectivity Settings in the USIM: an LS was sent to OMA informing them that T3 consider future additions to T3 specifications in the areas of WLAN provisioning parameters and generic service connectivity parameters for things like email and browser settings. OMA working groups are invited to consider the T3 specifications in their work.

SAT testing: T3 decided to stabilize the test specifications for SAT before starting work on USAT test specifications. Therefore a number of related CRs were agreed at the last T3 meeting. T3 will discuss a WID proposal on USAT testing at their next meeting in November.

During the general discussion of the report, the following comments were made:

- Slide 7: The T3 secretary reminded that an action was given to terminal manufacturers to check on how a terminal would interpret the new indicated mandatory minimum speed in case it is not recognized by the terminal (= existing terminals that are not aware of the new encoding of the ATR).
- T3 encouraged T and SA to involve T3 in the work on USIM usage for MBMS security as the inclusion of the feature to the smart card for Rel-6 is time critical. There are two options on how to proceed: Either T3 starts the work before SA3 and SA1 have finished their work, or the work will be finished for inclusion to Rel-6 after the Rel-6 deadline. It was noted that the freezing date for Rel-6 is not yet fixed.The T3 progress report was noted. The action mentioned in the first bullet was endorsed by TSG-T.

5.3.1.2 LSs from T3 to TSG-T

Treated under 4.2.

5.3.2 Questions for advice and decisions on T3 issues

TP-030211 contains a discussion document on the support of SIM in Rel-5 from O2. In the recent weeks, mmO2 has been looking at the need to transition to USIMs and has come to the conclusion that placing an artificial limitation on the lifetime of SIMs by mandating that operators move to USIMs in the Release 5 timeframe is no longer acceptable. Therefore mmO2 proposes that the Release 5 decision to make SIM support on Release 5 terminals optional is reversed and that Release 5 terminals and later are mandated to support the SIM, and continue to support the principles of backward compatibility.

Discussion:

- It was pointed out that this is not a TSG-T decision but something which has to be decided in SA1 and SA.
- It was pointed out that as there is a market requirements, most of the terminals support the SIM anyway for compatibility reasons and that this decision is up to the operators.
- It was stated that there are already operators who have terminals that do not support the SIM.
- It was reminded that not in all countries handsets are sold via the operators and therefore operators don't have full control. If terminals without SIM support would appear on the market this would force operators to move customers to the USIM.
- If the support of SIM is mandated from Rel-5 onwards then this would reduce flexibility. It could also delay the deployment of 3G services.
- O2 is not proposing to extent the lifetime of the SIM but to be allowed to continue to use what is there today.
- Not having a SIM spec after Rel-4 could ensure to have a transition to the USIM rapidly.

The document was noted. O2 announced their intention to raise the matter to TSG-SA.

5.3.3 Approval of contributions from T3

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

TP-030177 contains CRs to TS 11.11**.** The CRs were all approved.

TP-030178 contains CRs to TS 51.011. The CRs were all approved.

TP-030179 contains CRs to TS 31.102. The CRs were approved. T3 was tasked to investigate why there are no corresponding CRs for Rel-5 and Rel-6 for the CRs 161, 162.

TP-030180 contains CRs to TS 31.111. The CRs were all approved.

TP-030181 contains CRs to TS 51.014. The CRs were all approved.

TP-030182 contains CRs to TR 31.900. The CRs were all approved

TP-030183 contains CRs to TS 11.10-4. The CRs were all approved.

TP-030184 contains CRs to TS 31.121. The CRs were all approved.

TP-030185 contains Work Item Description on: USIM for I-WLAN. The WID was approved.

TP-030186 contains CRs to TS 11.11/51.011 and 31.102. Conditional approval subject to approval of related CRs at CN#21 The CRs were conditionally approved.

5.3.4 Documents for information

None.

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-030160 contains the MCC review of the Work Plan at TSG #21 presented by Alain SULTAN (MCC). The present Foreseen Completion Dates show that March 2004 could be an appropriate date for freezing Release 6 (23 Features presently anticipated to be completed at this date out of the 29 Features considered). However, the FCD of 11 out of these 29 Features were shifted in the last three month, showing some instability of these

dates. The estimates will be more accurate when the Stage 2 will be stable. So it is proposed to wait until TSG #23 to take a decision on the Rel-6 freezing date.

– It was clarified that T1 is not working on MMS testing. Instead OMA IOT group has started the definition of the MMS conformance and interoperability tests.

The work plan presentation was noted. The WG chairman and delegates were asked to provide any further comments in particular to the conclusion on the freezing date to Alain before the TSG-SA meeting. The revised version including comments from RAN, CN and T will be available in the next SA.

TP-030159 contains the latest version of the Work Plan. It was reported that the workplan has now been split into several files for the individual releases.

The document was noted.

TP-030215 contains a document giving an overview about the content of Rel-5. This document contains a high-level description of all 3GPP Release 5 Features.

The document was noted.

6.2 Other issues

TP-030210 contains the specifications status list prior TSGs#21.

The document was noted.

6.3 3GPP-OMA cooperation

TP-030227 contains the Proposed Terms of Reference for a Joint 3GPP/3GPP2/OMA Workshop on MMS Standardisation Management.

- Nokia proposes Kevin HOLLEY for that role of the single “Workshop Organising Committee” member. The T2 chairman pointed out a risk with a possible conflict of interest because Kevin has also an official role in OMA. Ericsson pointed out that there should not be a conflict of interest because the role of this function is only to organise the workshop.
- Concerns were expressed to limit the number to one single “Workshop Organising Committee” member.
- It was clarified that the appointed person would have to work closely together with the T and T2 leadership to coordinate this issue.

The ToR were approved. This will be presented to TSG-SA and PCG for information. The TSG-T and T2 and T3 leadership is entitled to make some changes if needed. TSG-T will input a proposed LS to be sent from TSG-SA. Kevin HOLLEY was appointed as the single “Workshop Organising Committee” member of 3GPP.

7 Liaison Statements (LS) outgoing

Three outgoing LSs were approved:.

TP-030221 contains an LS from TSG-T to RAN on the documents to be considered for the Revision 4 of Recommendation ITU-R M.1457.

TP-030228 contains an LS from TSG-T to SA1, SA2 cc 3GPP-T2, 3GPP-T3, OMA-BAC, OMA-MWG, OMA-REQ, OMA-ARCH, ETSI SCP on the use of MMS as a bearer for USAT.

TP-030229 contains an LS from TSG-T to SA1 cc T2, T3 on TR 22.952, Priority Service Guide.

For details see section 4.3 of this report.

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

None.

11 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 #22 TSG-SA #22	10 - 12 December 2003 15 - 18 December 2003	North American Friends of 3GPP	Hawaii, US
TSG-T #23 TSG-SA #23	10 - 12 Mar 2004 15 - 17 Mar 2004	North American Friends of 3GPP	Phoenix, US
TSG-T #24 TSG-SA #24	2 - 4 Jun 2004 7 - 9 Jun 2004	TTA	Seoul, Korea
TSG-T #25 TSG-SA #25	8 - 10 Sep 2004 13 - 15 Sep 2004	North American Friends of 3GPP	US
TSG-T #26 TSG-SA #26	8 - 10 Dec 2004 13 - 15 Dec 2004	European Friends of 3GPP	Athens, Greece

12 Close of the meeting

The meeting was closed by the chairman at 11:00. He thanked the WG chairman for their presentations and the delegates for their work and Siemens for hosting the meeting. He also expressed his thanks to his vice-chairs, the TSG-T secretary and the other MCC people working in the background for their support.

ANNEX A Approved Agenda

AGENDA

Agenda Item	Input documents (TP-030nnn)
1 Opening of the meeting (09:00 Wednesday 17 September) and IPR reminder	
2 Approval of Agenda	156
3 Approval of the meeting report from TSG-T#20	155
4 Letters and reports from other groups, LS incoming	
4.1 Reports from OP, PCG, TSG SA and others	157, 158
4.2 LSs from TSG-SA, TSG-RAN, TSG-CN, TSG-GERAN and others	161, 162, 163, 164, 165, 166, 167, 168, 206, 207
5 Reports from TSG-T Working Groups	
5.1 WG T1 Mobile Terminal Conformance Testing	
5.1.1 Reports and liaisons from T1	187, 188
5.1.2 Questions for advice and decisions on T1 issues	
5.1.3 Approval of contributions on T1 issues	189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 208, 209
5.1.4 Documents for information	
5.1.5 Work programme review of T1	
5.2 WG T2 Mobile Terminal Services and Capabilities	
5.2.1 Reports and liaisons from T2	170, 171, 201, 202, 203
5.2.2 Questions for advice and decisions on T2 issues	
5.2.3 Approval of contributions on T2 issues	169, 173, 174, 175, 212
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 T3	176, 204, 205
5.3.2 Questions for advice and decisions on T3 issues	211
5.3.3 Approval of contributions on T3 issues	177, 178, 179, 180, 181, 182, 183, 184, 185, 186
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 and other bodies	159, 160
6.1 Release 5	
6.2 Release 6	
6.3 3GPP-OMA cooperation	
6.4 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 19 September)	

ANNEX B List of attendees

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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-030155	Report (draft) from TSG-T #20 (Hämeenlinna, 4 – 6 June 2003)	TSG-T Secretary	3	approved
TP-030156	Agenda (draft) for TSG-T #21 (Frankfurt, 17 – 19 September 2003)	TSG-T Chairman	2	approved
TP-030157	TSG-SA#20 result summary for TSG-T	T-secretary	4.1	noted
TP-030158	Report (draft) from TSG-SA #20 (Hämeenlinna, 9 – 11 June 2003)	TSG-SA Secretary	4.1	noted
TP-030159	3GPP Work Plan	MCC	6	noted
TP-030160	3GPP Work Plan [Slide Presentation]	MCC	6	noted
TP-030161	LS from GSMA SCAG to 3GPP SA cc 3GPP SA1, 3GPP T3, 3GPP T on proactive capabilities in the UICC to support MMS management	GSMA SCaG Doc 061/03	4.2	noted
TP-030162	LS from CN1 to T, T3 on Removal of RPLMNAcT for GSM COMPACT	N1-031196	4.2	noted
TP-030163	LS from OMA Requirements Working Group to 3GPP SA, CN, T, RAN, GERAN, 3GPP2 TSG-S on the need for OMA Liaison with 3GPP and 3GPP2 re PoC	OMA-REQ-2003-040903-LS_ to 3GPP/3GPP2 re PoC	4.2	noted
TP-030164	LS from SA1 to T cc T3, SA2, T2 on MMS as a Bearer for USAT	S1-030922	4.2	noted
TP-030165	LS from SA1 to SA2, SA5, CN, RAN, T, GERAN on TR 22.952, Priority Service Guide – request for review and comment	S1-030935	4.2	noted
TP-030166	LS from SA1 to T3 cc T on support of GSM SIM files (and services) on the USIM	S1-030977	4.2	noted
TP-030167	LS from SA2 to TSG-T, T3 cc SA 1, T2 on MMS support by USAT	S2-033242	4.2	noted
TP-030168	LS from Mobile Applications Group of the Open Mobile Alliance to 3GPP TSG T cc 3GPP TSG T2, 3GPP SA1, OMA Requirements WG Proposed use of OMA DRM with MMS	OMA-MAG-2003-0032-LS_3GPP_T2_DRM_and_MMS	4.2	noted
TP-030169	CR on MExE **for approval**	T2	5.2.3	approved
TP-030170	T2 status report (slides)	T2 chairman	5.2.1	noted
TP-030171	T2#22 Cambridge meeting report	T2 secretary	5.2.1	noted
TP-030172	withdrawn			withdrawn
TP-030173	CRs on SMS **for approval**	T2	5.2.3	approved
TP-030174	CRs on MMS **for approval**	T2	5.2.3	approved
TP-030175	revised WID MMS Enhancements **for approval**	T2 (T2-030529)	5.2.3	approved
TP-030176	T3 status report to T#21 for information	T3	5.3.1	noted
TP-030177	CRs to TS 11.11 **for approval**	T3	5.3.3	approved
TP-030178	CRs to TS 51.011 **for approval**	T3	5.3.3	approved
TP-030179	CRs to TS 31.102 **for approval**	T3	5.3.3	approved
TP-030180	CRs to TS 31.111 **for approval**	T3	5.3.3	approved
TP-030181	CRs to TS 51.014 **for approval**	T3	5.3.3	approved
TP-030182	CRs to TR 31.900 **for approval**	T3	5.3.3	approved
TP-030183	CRs to TS 11.10-4 **for approval**	T3	5.3.3	approved
TP-030184	CRs to TS 31.121 **for approval**	T3	5.3.3	approved
TP-030185	Work Item Description on: USIM for I-WLAN **for approval**	T3	5.3.3	approved
TP-030186	CRs to TS 11.11/51.011 and 31.102 **for conditional approval**	T3	5.3.3	conditionally approved
TP-030187	Status Report of T1 to T#21	T1 Chairman	5.1.1	noted
TP-030188	Draft Report of T1#20	T1 MCC support	5.1.1	noted
TP-030189	CRs to TS 34.121 **for approval**	T1	5.1.3	approved
TP-030190	CRs to TS 34.122 **for approval**	T1	5.1.3	approved
TP-030191	CRs to TS 34.108 **for approval**	T1	5.1.3	approved
TP-030192	CRs to TS 34.123-1 **for approval**	T1	5.1.3	approved
TP-030193	CRs to TS 34.123-2 **for approval**	T1	5.1.3	approved
TP-030194	CRs to TS 34.123-3 Prose part and TTCN except Annex A **for approval**	T1	5.1.3	approved

TP-030195	Status of the TTCN project team **for approval**	MCC Task 160/	5.1.3	approved
TP-030196	List and status of T1 Wis **for approval**	T1 Vice-Chairman	5.1.3	approved
TP-030197	Technical Report for measurement uncertainty for information	T1	5.1.3	noted
TP-030198	WI sheet for conformance testing of HSDPA **for approval**	T1	5.1.3	approved
TP-030199	CRs to TS 34.123-3 Prose part Annex A **for approval**	MCC	5.1.3	approved
TP-030200	CRs to TS 34.123-3 TTCN part **for approval**	T1	5.1.3	withdrawn
TP-030201	LS from T2 to SA and T cc SA1 Emergency services using SMS / MMS	T2-030405	5.2.1	noted
TP-030202	LS from T2 to TSG-T, SA1, SA2, T3 on addition of MMS support by the USIM Application Toolkit	T2-030472	5.2.1	noted
TP-030203	LS from T2 to OMA-MAG, OMA-MAG-DLDRM cc TSG-T, OMA-MAG-MMSG, SA1, OMA-REQ on Enhancements to DRM Support in MMS	T2-030531	5.2.1	noted
TP-030204	LS from T3 to SA1 cc T on support of GSM SIM files (and services) on the USIM	T3-030623	5.3.1	noted
TP-030205	LS from T3 to OMA Requirements WG, OMA Device Management WG cc 3GPP TSG-SA1, 3GPP TSG-T on 3GPP Smart Card Application Provisioning Parameters	T3-030675	5.3.1	noted
TP-030206	COMMISSION RECOMMENDATION on location-enhanced emergency call services	COMMISSION OF THE EUROPEAN COMMUNITIES	4.2	noted
TP-030207	LS from PCCA on Change request for PCCA +WS46 parameter values	PCCA	4.2	noted
TP-030208	Additionnal CRs to 34.123-3 V321 TTCN part **for approval**	T1	5.1.3	approved
TP-030209	Second addition of CRs to TS 34.123-3 V321 TTCN part **for approval**	T1	5.1.3	approved
TP-030210	Specs status report before TSGs#21	MCC	6	noted
TP-030211	Discussion document: Support of SIM in Rel-5	O2	5.3.2	noted
TP-030212	CRs on AT commands **for approval**	T2	5.2.3	113, 114, 115 withdrawn, 111, 112 approved
TP-030213	LS from RAN to TSG-T on the documents to be considered for the Revision 4 of Recommendation ITU-R M.1457	RP-030530	4.2	noted
TP-030214	LS from TSG-T to SA2 on the use of MMS as a bearer for USAT	TSG-T	7	revised to TP-030224
TP-030215	Overview of 3GPP Release 5 for information	MCC	6	noted
TP-030216	LS from TSG-T to SA1 on TR 22.952, Priority Service Guide	TSG-T (Ed)	7	revised to TP-030229
TP-030217	Key points from OMA/3GPP workshop (15th September 2003, Frankfurt)	3GPP/OMA workshop 3GPP-OMA-(03)019	4.2	noted
TP-030218	CRs 294, 295 to TS 34.121	T1	5.1.3	approved
TP-030219	LS from TSG-T to RAN on the documents to be considered for the Revision 4 of Recommendation ITU-R M.1457	TSG-T (Nigel)	7	revised to TP-030221
TP-030220	attachement to the LS TP-030219	TSG-T (Nigel)	7	revised to TP-030222
TP-030221	LS from TSG-T to RAN on the documents to be considered for the Revision 4 of Recommendation ITU-R M.1457	TSG-T (Nigel)	7	approved
TP-030222	attachement to the LS TP-030221	TSG-T (Nigel)	7	noted
TP-030223	proposed ToRs for joint OMA/3GPP/3GPP workshop	(Kevin)	6.3	revised to TP-030227
TP-030224	LS from TSG-T to SA2 on the use of MMS as a bearer for USAT	TSG-T	7	revsied to TP-030225
TP-030225	LS from TSG-T to SA2 on the use of MMS as a bearer for USAT	TSG-T	7	revised to TP-030228
TP-030226	Conformance Test Specifications TTCN comments	T1 chair	5.2.2	noted
TP-030227	Proposed Terms of Reference for a Joint 3GPP/3GPP2/OMA Workshop on MMS Standardisation Management	Nokia, mmO2	6.3	approved
TP-030228	LS from TSG-T to SA1, SA2 cc 3GPP-T2, 3GPP-T3, OMA-BAC, OMA-MWG, OMA-REQ, OMA-ARCH, ETSI SCP on the use of MMS as a bearer for USAT	TSG-T	7	approved
TP-030229	LS from TSG-T to SA1 cc T2, T3 on TR 22.952, Priority Service Guide	TSG-T	7	approved

ANNEX D List of change requests presented to TSG-T #21

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-Level	Status-1st-Level	Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Source-1st-Level	Doc-2nd-Level	Status-2nd-Level	Workitem
TP-030169	approved	23.057	122	-	Rel-6	Correcting figure and table numbering	D	6.1.0	6.2.0	T2	T2-030400	agreed	TEI6
TP-030172	revised	27.007	111	-	Rel-6	Adding reference to 24.008 for the 3G QoS AT-	A	6.2.0		T2	T2-030510	agreed	TEI5
TP-030172	revised	27.007	115	-	Rel-6	Corrections to AcTs of PLMN Selection	A	6.2.0		T2	T2-030526	agreed	TI-ATC
TP-030172	withdrawn	27.007	112	-	Rel-5	Adding reference to 24.008 for the 3G QoS AT-	F	5.3.0		T2	T2-030511	agreed	TEI5
TP-030172	withdrawn	27.007	113	-	Rel-4	Corrections to AcTs of PLMN Selection	F	4.6.0		T2	T2-030524	agreed	TI-ATC
TP-030172	withdrawn	27.007	114	-	Rel-5	Corrections to AcTs of PLMN Selection	A	5.3.0		T2	T2-030525	agreed	TI-ATC
TP-030173	approved	23.038	010	-	Rel-6	Additional Indications in SMS DCS	C	5.0.0	6.0.0	T2	T2-030530	agreed	TEI6
TP-030173	approved	23.040	068	-	Rel-6	Videomail message waiting indication in TP-UDH	C	5.0.0	6.0.0	T2	T2-030538	agreed	TEI6
TP-030174	approved	23.140	130	-	Rel-6	Invalid MM7 references	F	6.2.0	6.3.0	T2	T2-030451	agreed	MMS6
TP-030174	approved	23.140	131	-	Rel-6	Enhancements to DRM support in MMS	B	6.2.0	6.3.0	T2	T2-030473	agreed	MMS6
TP-030174	approved	23.140	132	-	Rel-6	Clarity on USIM versus Over the air provisioning in	C	6.2.0	6.3.0	T2	T2-030474	agreed	MMS6
TP-030174	approved	23.140	133	-	Rel-6	Inaccuracies in Annexes I & K	F	6.2.0	6.3.0	T2	T2-030532	agreed	MMS6
TP-030174	approved	23.140	134	-	Rel-6	Size in Retrieval request	C	6.2.0	6.3.0	T2	T2-030490	agreed	MMS6
TP-030174	approved	23.140	135	-	Rel-6	Transfer over MM3	C	6.2.0	6.3.0	T2	T2-030533	agreed	MMS6
TP-030174	approved	23.140	136	-	Rel-6	Extension of MM4 interface for delivery report	B	6.2.0	6.3.0	T2	T2-030534	agreed	MMS6
TP-030174	approved	23.140	137	-	Rel-6	Reply charging in case of forwarding	B	6.2.0	6.3.0	T2	T2-030499	agreed	MMS6
TP-030174	approved	23.140	138	-	Rel-6	Addition of Information elements to MM7	B	6.2.0	6.3.0	T2	T2-030504	agreed	MMS6
TP-030174	approved	23.140	139	-	Rel-5	Correction of “Date” to “TimeStamp” in MM7	F	5.7.0	5.8.0	T2	T2-030505	agreed	MESS5-
TP-030177	approved	11.11	A135	-	R99	Correction to SMS	F	8.9.1	8.10.0	T3	T3-030652	agreed	TEI
TP-030177	approved	11.11	A136	-	R99	CR to delete Elementary File EFRPLMNAcT, in	F	8.9.1	8.10.0	T3	T3-030725	cond. Agreed	TEI
TP-030178	approved	51.011	024	-	Rel-4	Correction on EF_VBSS Coding	F	4.8.0	4.9.0	T3	T3-030630	agreed	TEI
TP-030178	approved	51.011	025	-	Rel-4	Correction to SMS	F	4.8.0	4.9.0	T3	T3-030653	agreed	TEI
TP-030178	approved	51.011	026	-	Rel-4	CR to delete Elementary File EFRPLMNAcT, in	F	4.8.0	4.9.0	T3	T3-030726	cond. Agreed	TEI
TP-030179	approved	31.102	154	-	Rel-4	Reservation of service n°54	F	4.9.0	4.10.0	T3	T3-030635	agreed	TEI
TP-030179	approved	31.102	155	-	R99	Correction to SMS	F	3.13.0	3.14.0	T3	T3-030654	agreed	TEI
TP-030179	approved	31.102	156	-	Rel-4	Correction to SMS	F	4.9.0	4.10.0	T3	T3-030655	agreed	TEI
TP-030179	approved	31.102	156	-	R99	CR to delete Elementary File EFRPLMNAcT, in	F	3.13.0	3.14.0	T3	T3-030727	cond. Agreed	TEI
TP-030179	approved	31.102	157	-	Rel-5	Correction to SMS	F	5.5.0	5.6.0	T3	T3-030656	agreed	TEI
TP-030179	approved	31.102	157	-	Rel-4	CR to delete Elementary File EFRPLMNAcT, in	A	4.9.0	4.10.0	T3	T3-030728	cond. Agreed	TEI
TP-030179	approved	31.102	158	-	Rel-6	Correction to SMS	F	6.2.0	6.3.0	T3	T3-030657	agreed	TEI
TP-030179	approved	31.102	158	-	Rel-5	CR to delete Elementary File EFRPLMNAcT, in	A	5.5.0	5.6.0	T3	T3-030729	cond. Agreed	TEI
TP-030179	approved	31.102	159	-	Rel-6	CR to delete Elementary File EFRPLMNAcT, in	A	6.2.0	6.3.0	T3	T3-030730	cond. Agreed	TEI

TP-030179	approved	31.102	160	-	Rel-6	Clarification of EF PBR description	F	6.2.0	6.3.0	T3	T3-030732	agreed	TEI
TP-030179	approved	31.102	161	-	R99	Clarification of EF PBR description	F	3.13.0	3.14.0	T3	T3-030736	agreed	TEI
TP-030179	approved	31.102	162	-	Rel-4	Clarification of EF PBR description	F	4.9.0	4.10.0	T3	T3-030737	agreed	TEI
TP-030180	approved	31.111	096	-	Rel-4	Update of the PROVIDE LOCAL INFORMATION	F	4.10.0	4.11.0	T3	T3-030700	agreed	TEI
TP-030180	approved	31.111	097	-	Rel-5	Missing description of TERMINAL PROFILE values	F	5.4.0	5.5.0	T3	T3-030701	agreed	TEI
TP-030180	approved	31.111	098	-	Rel-4	Correction of Provide Local Information in case of	F	4.10.0	4.11.0	T3	T3-030698	agreed	TEI
TP-030180	approved	31.111	099	-	Rel-5	Correction of Provide Local Information in case of	F	5.4.0	5.5.0	T3	T3-030699	agreed	TEI
TP-030181	approved	51.014	003	-	Rel-4	Correction of the Bearer Description for the Open	F	4.1.0	4.2.0	T3	T3-030734	agreed	TEI
TP-030182	approved	31.900	010	-	Rel-5	Clarification of SIM/USIM file mapping table	F	5.2.0	5.3.0	T3	T3-030629	agreed	TEI
TP-030182	approved	31.900	011	-	Rel-5	Consequences if USIM services n° 27 and n° 38 are	F	5.2.0	5.3.0	T3	T3-030694	agreed	TEI
TP-030182	approved	31.900	012	-	Rel-5	Clarification on the interface protocol when SIM and	B	5.2.0	5.3.0	T3	T3-030707	agreed	TEI
TP-030183	approved	11.10-4	A017	-	R99	Essential corrections to default values for SIM	F	8.4.0	8.5.0	T3	T3-030688	agreed	TEI
TP-030183	approved	11.10-4	A018	-	R99	CR 11.10-4 R99: Clarification on comprehension	F	8.4.0	8.5.0	T3	T3-030638	agreed	TEI
TP-030183	approved	11.10-4	A019	-	R99	Essential corrections to Display text test cases	F	8.4.0	8.5.0	T3	T3-030689	agreed	TEI
TP-030183	approved	11.10-4	A020	-	R99	Essential corrections to Get Inkey test cases	F	8.4.0	8.5.0	T3	T3-030708	agreed	TEI
TP-030183	approved	11.10-4	A021	-	R99	CR 11.10-4 R99: Essential corrections to Get Input	F	8.4.0	8.5.0	T3	T3-030639	agreed	TEI
TP-030183	approved	11.10-4	A022	-	R99	Essential corrections to Set Up Menu test cases	F	8.4.0	8.5.0	T3	T3-030709	agreed	TEI
TP-030183	approved	11.10-4	A023	-	R99	Essential corrections to Play Tone test cases	F	8.4.0	8.5.0	T3	T3-030710	agreed	TEI
TP-030183	approved	11.10-4	A024	-	R99	Essential corrections to Poll Intervall test case	F	8.4.0	8.5.0	T3	T3-030711	agreed	TEI
TP-030183	approved	11.10-4	A025	-	R99	CR 11.10-4 R99: Essential corrections to Polling off	F	8.4.0	8.5.0	T3	T3-030640	agreed	TEI
TP-030183	approved	11.10-4	A026	-	R99	CR 11.10-4 R99: Essential corrections to Provide	F	8.4.0	8.5.0	T3	T3-030641	agreed	TEI
TP-030183	approved	11.10-4	A027	-	R99	CR 11.10-4 R99: Essential corrections to Send Short	F	8.4.0	8.5.0	T3	T3-030642	agreed	TEI
TP-030183	approved	11.10-4	A028	-	R99	CR 11.10-4 R99: Essential corrections to Language	F	8.4.0	8.5.0	T3	T3-030643	agreed	TEI
TP-030183	approved	11.10-4	A029	-	R99	Essential corrections to Send SS test cases	F	8.4.0	8.5.0	T3	T3-030712	agreed	TEI
TP-030183	approved	11.10-4	A030	-	R99	Essential corrections to Set Up Call test cases	F	8.4.0	8.5.0	T3	T3-030644	agreed	TEI
TP-030183	approved	11.10-4	A031	-	R99	Essential corrections to Send USSD test cases	F	8.4.0	8.5.0	T3	T3-030713	agreed	TEI
TP-030183	approved	11.10-4	A032	-	R99	Essential correction to Set Up Idle Mode Text test	F	8.4.0	8.5.0	T3	T3-030645	agreed	TEI
TP-030183	approved	11.10-4	A033	-	R99	Essential corrections to Power Off Card test case	F	8.4.0	8.5.0	T3	T3-030714	agreed	TEI
TP-030183	approved	11.10-4	A034	-	R99	Essential corrections to Perform Card APDU test	F	8.4.0	8.5.0	T3	T3-030715	agreed	TEI
TP-030183	approved	11.10-4	A035	-	R99	Essential correction to Get Reader Status test cases	F	8.4.0	8.5.0	T3	T3-030716	agreed	TEI
TP-030183	approved	11.10-4	A036	-	R99	Essential corrections to Send DTMF test cases	F	8.4.0	8.5.0	T3	T3-030717	agreed	TEI
TP-030183	approved	11.10-4	A037	-	R99	Essential corrections to CALL CONTROL BY SIM	F	8.4.0	8.5.0	T3	T3-030646	agreed	TEI
TP-030183	approved	11.10-4	A038	-	R99	Essential corrections to CALL CONTROL BY SIM	F	8.4.0	8.5.0	T3	T3-030647	agreed	TEI
TP-030183	approved	11.10-4	A039	-	R99	Essential corrections to Select Item test cases	F	8.4.0	8.5.0	T3	T3-030718	agreed	TEI
TP-030183	approved	11.10-4	A040	-	R99	Essential corrections to card reader status event	F	8.4.0	8.5.0	T3	T3-030719	agreed	TEI
TP-030183	approved	11.10-4	A041	-	R99	Essential corrections to language selection and	F	8.4.0	8.5.0	T3	T3-030648	agreed	TEI
TP-030183	approved	11.10-4	A042	-	R99	Essential corrections to Close Channel test cases	F	8.4.0	8.5.0	T3	T3-030683	agreed	TEI
TP-030183	approved	11.10-4	A043	-	R99	Essential corrections to Launch Browser test cases	F	8.4.0	8.5.0	T3	T3-030684	agreed	TEI
TP-030183	approved	11.10-4	A044	-	R99	Essential corrections to Open Channel test cases	F	8.4.0	8.5.0	T3	T3-030685	agreed	TEI
TP-030183	approved	11.10-4	A045	-	R99	Essential corrections to Receive Data test cases	F	8.4.0	8.5.0	T3	T3-030720	agreed	TEI
TP-030183	approved	11.10-4	A046	-	R99	Essential corrections to Send Data test cases	F	8.4.0	8.5.0	T3	T3-030686	agreed	TEI

TP-030183	approved	11.10-4	A047	-	R99	Essential corrections to channel status event	F	8.4.0	8.5.0	T3	T3-030721	agreed	TEI
TP-030183	approved	11.10-4	A048	-	R99	Essential corrections to Get Channel Status test	F	8.4.0	8.5.0	T3	T3-030722	agreed	TEI
TP-030183	approved	11.10-4	A049	-	R99	Essential corrections to CB data download test	F	8.4.0	8.5.0	T3	T3-030723	agreed	TEI
TP-030183	approved	11.10-4	A050	-	R99	Essential corrections to location status, user activity	F	8.4.0	8.5.0	T3	T3-030682	agreed	TEI
TP-030183	approved	11.10-4	A051	-	R99	Corrections in the REFRESH test sequences (with	F	8.4.0	8.5.0	T3	T3-030680	agreed	TEI
TP-030183	approved	11.10-4	A052	-	R99	Essential corrections to test requirement references	F	8.4.0	8.5.0	T3	T3-030681	agreed	TEI
TP-030183	approved	11.10-4	A053	-	R99	Essential corrections to CALL CONTROL BY SIM	F	8.4.0	8.5.0	T3	T3-030724	agreed	TEI
TP-030183	approved	11.10-4	A054	-	R99	Essential corrections to MT Call, Call connected and	F	8.4.0	8.5.0	T3	T3-030649	agreed	TEI
TP-030184	approved	31.121	026	-	R99	Usage of 3G PDU definition for UEs accessing	F	3.6.0	3.7.0	T3	T3-030678	agreed	TEI
TP-030184	approved	31.121	027	-	Rel-4	Usage of 3G PDU definition for UEs accessing	F	4.5.0	4.6.0	T3	T3-030679	agreed	TEI
TP-030189	approved	34.121	251	-	Rel-5	Creation of a merged release for 34.121 which	F	5.0.0	5.1.0	T1	T1-030796	agreed.	TEI5
TP-030189	approved	34.121	252	-	R99	CR to 34.121 R99; Corretion to Inter-system	F	3.13.0	3.14.0	T1	T1-030800	agreed	TEI
TP-030189	approved	34.121	253	-	R99	CR to 34.121 R99; Addition of test case details for	F	3.13.0	3.14.0	T1	T1-030814	agreed	TEI
TP-030189	approved	34.121	254	-	Rel-4	CR to 34.121 REL-4; Addition of test case details for	A	4.0.0	4.1.0	T1	T1-030815	agreed	TEI4
TP-030189	approved	34.121	255	-	Rel-5	CR to 34.121 REL-5; Addition of test case details for	A	5.0.0	5.1.0	T1	T1-030816	agreed	TEI5
TP-030189	approved	34.121	256	-	R99	Correction of SSDT performance test case (R99)	F	3.13.0	3.14.0	T1	T1-030817	agreed	TEI
TP-030189	approved	34.121	257	-	Rel-4	Correction of SSDT performance test case (Rel-4)	A	4.0.0	4.1.0	T1	T1-030818	agreed	TEI4
TP-030189	approved	34.121	258	-	Rel-5	Correction of SSDT performance test case (Rel-5)	A	5.0.0	5.1.0	T1	T1-030819	agreed	TEI5
TP-030189	approved	34.121	259	-	Rel-4	Introduction of Test Tolerances to Cell Reselection	A	4.0.0	4.1.0	T1	T1-030832	agreed	TEI4
TP-030189	approved	34.121	260	-	Rel-5	Introduction of Test Tolerances to Cell Reselection	A	5.0.0	5.1.0	T1	T1-030833	agreed	TEI5
TP-030189	approved	34.121	261	-	R99	Test Requirements for RRM CPICH RSCP Inter	F	3.13.0	3.14.0	T1	T1-030841	agreed	TEI
TP-030189	approved	34.121	262	-	Rel-4	Test Requirements for RRM CPICH RSCP Inter	A	4.0.0	4.1.0	T1	T1-030842	agreed	TEI4
TP-030189	approved	34.121	263	-	Rel-5	Test Requirements for RRM CPICH RSCP Inter	A	5.0.0	5.1.0	T1	T1-030843	agreed	TEI5
TP-030189	approved	34.121	264	-	R99	Test Requirements for RRM CPICH RSCP Intra	F	3.13.0	3.14.0	T1	T1-030859	agreed	TEI
TP-030189	approved	34.121	265	-	Rel-4	Test Requirements for RRM CPICH RSCP Intra	A	4.0.0	4.1.0	T1	T1-030860	agreed	TEI4
TP-030189	approved	34.121	266	-	Rel-5	Test Requirements for RRM CPICH RSCP Intra	A	5.0.0	5.1.0	T1	T1-030861	agreed	TEI5
TP-030189	approved	34.121	267	-	R99	Correction to RRC Re-establishment delay test case	F	3.13.0	3.14.0	T1	T1-030862	agreed	TEI
TP-030189	approved	34.121	268	-	Rel-4	Correction to RRC Re-establishment delay test case	A	4.0.0	4.1.0	T1	T1-030863	agreed	TEI4
TP-030189	approved	34.121	269	-	Rel-5	Correction to RRC Re-establishment delay test case	A	5.0.0	5.1.0	T1	T1-030864	agreed	TEI5
TP-030189	approved	34.121	270	-	R99	CR to 34.121 R99; Correction to SFN-SFN observed	F	3.13.0	3.14.0	T1	T1-030865	agreed	TEI
TP-030189	approved	34.121	271	-	Rel-4	CR to 34.121 Rel-4; Correction to SFN-SFN	A	4.0.0	4.1.0	T1	T1-030866	agreed	TEI4
TP-030189	approved	34.121	272	-	Rel-5	CR to 34.121 Rel-5; Correction to SFN-SFN	A	5.0.0	5.1.0	T1	T1-030867	agreed	TEI5
TP-030189	approved	34.121	273	-	R99	CR to 34.121 Rel-99; Correction to CRC bit for	F	3.13.0	3.14.0	T1	T1-030870	agreed	TEI
TP-030189	approved	34.121	274	-	R99	Introduction of Test Tolerances to Cell Reselection	F	3.13.0	3.14.0	T1	T1-030873	agreed	TEI
TP-030189	approved	34.121	275	-	Rel-4	CR to 34.121 Rel-4; Corretion to Inter-system	A	4.0.0	4.1.0	T1	T1-031103	agreed	TEI4
TP-030189	approved	34.121	276	-	Rel-5	CR to 34.121 Rel-5; Corretion to Inter-system	A	5.0.0	5.1.0	T1	T1-031104	agreed	TEI5
TP-030189	approved	34.121	277	-	R99	CR to 34.121 R99; Correction to CPICH Ec/Io in	F	3.13.0	3.14.0	T1	T1-031108	agreed	TEI
TP-030189	approved	34.121	278	-	Rel-4	CR to 34.121 Rel-4; Correction to CPICH Ec/Io in	F	4.0.0	4.1.0	T1	T1-031109	agreed	TEI4
TP-030189	approved	34.121	279	-	Rel-5	CR to 34.121 Rel-5; Correction to CPICH Ec/Io in	A	5.0.0	5.1.0	T1	T1-031110	agreed	TEI5
TP-030189	approved	34.121	280	-	R99	Test Requirements for RRM CPICH Ec/Io Intra	F	3.13.0	3.14.0	T1	T1-031182	agreed	TEI
TP-030189	approved	34.121	281	-	Rel-4	Test Requirements for RRM CPICH Ec/Io Intra	A	4.0.0	4.1.0	T1	T1-031183	agreed	TEI4

TP-030189	approved	34.121	282	-	Rel-5	CR Rel 5 Test requirements for RRM CPICH_Ec/Io	A	5.0.0	5.1.0	T1	T1-031184	agreed	TEI5
TP-030189	approved	34.121	283	-	R99	Test Requirements for RRM CPICH Ec/Io Inter	F	3.13.0	3.14.0	T1	T1-031188	agreed	TEI
TP-030189	approved	34.121	284	-	Rel-4	Test Requirements for RRM CPICH Ec/Io Inter	A	4.0.0	4.1.0	T1	T1-031189	agreed	TEI4
TP-030189	approved	34.121	285	-	Rel-5	Test Requirements for RRM CPICH Ec/Io Inter	A	5.0.0	5.1.0	T1	T1-031190	agreed	TEI5
TP-030189	approved	34.121	286	-	R99	Test requirements for RRM Random Access tests	F	3.13.0	3.14.0	T1	T1-031191	agreed	TEI
TP-030189	approved	34.121	287	-	Rel-4	Test requirements for RRM Random Access Test	A	4.0.0	4.1.0	T1	T1-031192	agreed	TEI4
TP-030189	approved	34.121	288	-	Rel-5	Test requirements for RRM Random Access Test	A	5.0.0	5.1.0	T1	T1-031193	agreed	TEI5
TP-030189	approved	34.121	289	-	R99	Completion of Annex F	F	3.13.0	3.14.0	T1	T1-031229	agreed	TEI
TP-030189	approved	34.121	290	-	Rel-4	Completion of Annex F	A	4.0.0	4.1.0	T1	T1-031230	agreed	TEI4
TP-030189	approved	34.121	291	-	Rel-5	Completion of Annex F	A	5.0.0	5.1.0	T1	T1-031231	agreed	TEI5
TP-030189	approved	34.121	292	-	Rel-4	CR to 34.121 Rel-4; Correction to CRC bit for	A	4.0.0	4.1.0	T1	T1-030871	agreed	TEI4
TP-030189	approved	34.121	293	-	Rel-5	CR to 34.121 Rel-5; Correction to CRC bit for	A	5.0.0	5.1.0	T1	T1-030872	agreed	TEI5
TP-030189	approved	34.121	294	-	R99	CR to delete the technical content of 34.121 Rel 99	F	3.13.0	3.14.0	T1	T1-031235	agreed	TEI
TP-030189	approved	34.121	295	-	Rel-4	CR to delete the technical content of 34.121 Rel 4	A	4.0.0	4.1.0	T1	T1-031236	agreed	TEI4
TP-030189	approved	34.121	296	-	Rel-5	Introduction of the phase discontinuity test	F	5.0.0	5.1.0	T1	T1-031277	agreed	TEI5
TP-030190	approved	34.122	173	-	Rel-4	Addition of Test Scenario 4A	F	4.8.0	4.9.0	T1	T1-030806	agreed	TEI4
TP-030190	approved	34.122	174	-	Rel-4	Addition of LCR TDD/FDD Hand-Over Test	F	4.8.0	4.9.0	T1	T1-030807	agreed	TEI4
TP-030190	approved	34.122	175	-	Rel-4	Addition of Txformat selection test	F	4.8.0	4.9.0	T1	T1-030808	agreed	TEI4
TP-030190	approved	34.122	176	-	Rel-4	Measurement CPICH of FDD neighbour	F	4.8.0	4.9.0	T1	T1-030809	agreed	TEI4
TP-030190	approved	34.122	177	-	Rel-4	Measurement of ISCP intra frequency	F	4.8.0	4.9.0	T1	T1-030810	agreed	TEI4
TP-030190	approved	34.122	178	-	Rel-4	Measurement test UTRA RSSI absolute	F	4.8.0	4.9.0	T1	T1-030811	agreed	TEI4
TP-030190	approved	34.122	179	-	Rel-4	Measurement test UTRA RSSI relative	F	4.8.0	4.9.0	T1	T1-030812	agreed	TEI4
TP-030190	approved	34.122	180	-	Rel-4	Measurement test GSM RSSI	F	4.8.0	4.9.0	T1	T1-030813	agreed	TEI4
TP-030191	approved	34.108	227	-	R99	CR to 34.108, R99, Clarification of seg_count in	F	3.12.0	3.13.0	T1	T1-030826	agreed	TEI
TP-030191	approved	34.108	228	-	Rel-4	CR to 34.108, Rel-4, Clarification of seg_count in	A	4.7.0	4.8.0	T1	T1-030827	agreed	TEI4
TP-030191	approved	34.108	229	-	R99	General correction in clause 7.4 for Common	F	3.12.0	3.13.0	T1	T1-030975	agreed	TEI
TP-030191	approved	34.108	230	-	Rel-4	General correction in clause 7.4 for Common	A	4.7.0	4.8.0	T1	T1-030976	agreed	TEI4
TP-030191	approved	34.108	232	-	R99	Incorrect activation time in CELL_FACH state	F	3.12.0	3.13.0	T1	T1-031063	agreed	TEI
TP-030191	approved	34.108	233	-	Rel-4	Incorrect activation time in CELL_FACH state .	A	4.7.0	4.8.0	T1	T1-031064	agreed	TEI4
TP-030191	approved	34.108	234	-	R99	Incorrect Transport Channel Parameters	F	3.12.0	3.13.0	T1	T1-031065	agreed	TEI
TP-030191	approved	34.108	235	-	Rel-4	Incorrect Transport Channel Parameters	A	4.7.0	4.8.0	T1	T1-031066	agreed	TEI4
TP-030191	approved	34.108	236	-	R99	Corrections to TS 34.108 common procedures in	F	3.12.0	3.13.0	T1	T1-031094	agreed	TEI
TP-030191	approved	34.108	237	-	Rel-4	Corrections to TS 34.108 common procedures in	A	4.7.0	4.8.0	T1	T1-031095	agreed	TEI4
TP-030191	approved	34.108	238	-	R99	Removal of RLC AM in the Default Message Content	F	3.12.0	3.13.0	T1	T1-031150	agreed	TEI
TP-030191	approved	34.108	239	-	Rel-4	Removal of RLC AM in the Default Message Content	A	4.7.0	4.8.0	T1	T1-031151	agreed	TEI4
TP-030191	approved	34.108	240	-	Rel-4	RB configuration for the support of wideband AMR	F	4.7.0	4.8.0	T1	T1-031154	agreed	TEI4
TP-030191	approved	34.108	241	-	R99	CR 34.108 R99: Manual attach in State 7	F	3.12.0	3.13.0	T1	T1-031174	agreed	TEI
TP-030191	approved	34.108	242	-	Rel-4	CR 34.108 Rel-4: Manual attach in State 7	A	4.7.0	4.8.0	T1	T1-031175	agreed	TEI4
TP-030191	approved	34.108	243	-	R99	URA Identity in Cell Update Confirm and URA	F	3.12.0	3.13.0	T1	T1-031178	agreed	TEI
TP-030191	approved	34.108	244	-	Rel-4	URA Identity in Cell Update Confirm and URA	A	4.7.0	4.8.0	T1	T1-031179	agreed	TEI4
TP-030191	approved	34.108	245	-	R99	CR to 34.108 R99; Correction to specification to	F	3.12.0	3.13.0	T1	T1-031240	agreed	TEI

TP-030191	approved	34.108	246	-	Rel-4	CR to 34.108 R4; Correction to specification to	A	4.7.0	4.8.0	T1	T1-031241	agreed	TEI4
TP-030191	approved	34.108	247	-	R99	CR to 34.108 REL-99; Correction to section 7.3 Test	F	3.12.0	3.13.0	T1	T1-031250	agreed	TEI
TP-030191	approved	34.108	248	-	Rel-4	CR to 34.108 REL-4; Correction to section 7.3 Test	A	4.7.0	4.8.0	T1	T1-031251	agreed	TEI4
TP-030192	approved	34.123-1	531	-	Rel-5	Corrections and updates on 8.2.1 Radio Bearer	F	5.4.0	5.5.0	T1	T1-030801	agreed.	TEI5
TP-030192	approved	34.123-1	532	-	Rel-5	Radio Bearer Reconfiguration from CELL_DCH to	F	5.4.0	5.5.0	T1	T1-030802	agreed	TEI5
TP-030192	approved	34.123-1	534	-	Rel-5	Correction to RLC testcases 7.2.3.21 and 7.2.3.22	F	5.4.0	5.5.0	T1	T1-030895	agreed	TEI5
TP-030192	approved	34.123-1	535	-	Rel-5	Inclusion of tests for combinations on SCCPCH for	F	5.4.0	5.5.0	T1	T1-030978	agreed	TEI4
TP-030192	approved	34.123-1	536	-	Rel-5	Inclusion of test for 34.123-1 for combination on	F	5.4.0	5.5.0	T1	T1-030979	agreed	TEI4
TP-030192	approved	34.123-1	537	-	Rel-5	CR to TS 34.123-1 [REL-5] Package 4 GMM test	F	5.4.0	5.5.0	T1	T1-030989	agreed	TEI5
TP-030192	approved	34.123-1	538	-	Rel-5	CR to TS 34.123-1 [REL-5] Package 1 RRC test	F	5.4.0	5.5.0	T1	T1-030991	agreed	TEI5
TP-030192	approved	34.123-1	539	-	Rel-5	CR to TS 34.123-1 [REL-5] Low priority PDCP test	F	5.4.0	5.5.0	T1	T1-030993	agreed	TEI5
TP-030192	approved	34.123-1	540	-	Rel-5	CR 34.123-1 Rel-5: Mobile identity field removed in	F	5.4.0	5.5.0	T1	T1-031039	agreed	TEI5
TP-030192	approved	34.123-1	541	-	Rel-5	CR to 34.123-1 REL-5; Removal of package 2 MAC	F	5.4.0	5.5.0	T1	T1-031043	agreed	TEI5
TP-030192	approved	34.123-1	542	-	Rel-5	Corrections to Package 1 RRC test case 8.1.2.2	F	5.4.0	5.5.0	T1	T1-031067	agreed	TEI5
TP-030192	approved	34.123-1	543	-	Rel-5	Corrections to P2 MM test case 9.4.2.2/test 2	F	5.4.0	5.5.0	T1	T1-031068	agreed	TEI5
TP-030192	approved	34.123-1	544	-	Rel-5	CR to 34.123-1 REL-5; Corrections to package 4	F	5.4.0	5.5.0	T1	T1-031074	agreed	TEI5
TP-030192	approved	34.123-1	545	-	Rel-5	CR to TS 34.123-1 [REL-5] Package 2 MM test case	F	5.4.0	5.5.0	T1	T1-031078	agreed	TEI5
TP-030192	approved	34.123-1	546	-	Rel-5	Corrections to 34.123-1 v5.4.0 Package 4 test case	F	5.4.0	5.5.0	T1	T1-031084	agreed	TEI5
TP-030192	approved	34.123-1	547	-	Rel-5	Corrections to 34.123-1 v5.4.0 Package 4 test case	F	5.4.0	5.5.0	T1	T1-031085	agreed	TEI5
TP-030192	approved	34.123-1	548	-	Rel-5	Corrections to 34.123-1 v5.4.0 Package 4 test case	F	5.4.0	5.5.0	T1	T1-031086	agreed	TEI5
TP-030192	approved	34.123-1	549	-	Rel-5	Corrections to 34.123-1 v5.4.0 low priority test case	F	5.4.0	5.5.0	T1	T1-031089	agreed	TEI5
TP-030192	approved	34.123-1	550	-	Rel-5	Corrections to 34.123-1 v5.4.0 low priority test case	F	5.4.0	5.5.0	T1	T1-031090	agreed	TEI5
TP-030192	approved	34.123-1	551	-	Rel-5	Corrections to 34.123-1 v5.4.0 low priority test case	F	5.4.0	5.5.0	T1	T1-031091	agreed	TEI5
TP-030192	approved	34.123-1	552	-	Rel-5	Correction to 34.123-1 v5.4.0 Low priority test case	F	5.4.0	5.5.0	T1	T1-031092	agreed	TEI5
TP-030192	approved	34.123-1	553	-	Rel-5	Corrections to 34.123-1 v5.4.0 low priority test case	F	5.4.0	5.5.0	T1	T1-031093	agreed	TEI5
TP-030192	approved	34.123-1	554	-	Rel-5	CR to 34.123-1 REL-5; Correction of Package 4	F	5.4.0	5.5.0	T1	T1-031099	agreed	TEI5
TP-030192	approved	34.123-1	555	-	Rel-5	Removal of test case 8.2.2.20	F	5.4.0	5.5.0	T1	T1-031135	agreed	TEI5
TP-030192	approved	34.123-1	556	-	Rel-5	CR to 34.123-1, Rel-5; correction to idle mode	F	5.4.0	5.5.0	T1	T1-031143	agreed	TEI5
TP-030192	approved	34.123-1	557	-	Rel-5	CR to 34.123-1, Rel-5; correction to package 1 RLC	F	5.4.0	5.5.0	T1	T1-031144	agreed	TEI5
TP-030192	approved	34.123-1	558	-	Rel-5	Correction to 34.123-1 v5.4.0 Package 1 test case	F	5.4.0	5.5.0	T1	T1-031147	agreed	TEI5
TP-030192	approved	34.123-1	559	-	Rel-5	Corrections to 34.123-1 v5.4.0 Package 3 test case	F	5.4.0	5.5.0	T1	T1-031148	agreed	TEI5
TP-030192	approved	34.123-1	560	-	Rel-5	Corrections to 34.123-1 v5.4.0 Package 4 test case	F	5.4.0	5.5.0	T1	T1-031149	agreed	TEI5
TP-030192	approved	34.123-1	561	-	Rel-5	CR to TS 34.123-1 [REL-5] Package 4 RRC test	F	5.4.0	5.5.0	T1	T1-031161	agreed	TEI5
TP-030192	approved	34.123-1	562	-	Rel-5	Corrections to 34.123-1 v5.4.0 Package 2 test cases	F	5.4.0	5.5.0	T1	T1-031180	agreed	TEI5
TP-030192	approved	34.123-1	563	-	Rel-5	CR to TS 34.123-1 [REL-5] Low priority GMM test	F	5.4.0	5.5.0	T1	T1-031199	agreed	TEI5
TP-030192	approved	34.123-1	564	-	Rel-5	Correction to 34.123-1, section 7.2.3.19 and 7.2.3.24	F	5.4.0	5.5.0	T1	T1-031200	agreed	TEI5
TP-030192	approved	34.123-1	565	-	Rel-5	Correction to GCF package 1 RLC testcases	F	5.4.0	5.5.0	T1	T1-031201	agreed	TEI5
TP-030192	approved	34.123-1	566	-	Rel-5	CR to TS 34.123-1 [REL-5] Package 1 RRC test	F	5.4.0	5.5.0	T1	T1-031203	agreed	TEI5
TP-030192	approved	34.123-1	567	-	Rel-5	CR to 34.123-1 REL-5; Periodical RLC STATUS	F	5.4.0	5.5.0	T1	T1-031204	agreed	TEI5
TP-030192	approved	34.123-1	568	-	Rel-5	CR to TS 34.123-1 [REL-5] Package 2 RRC test	F	5.4.0	5.5.0	T1	T1-031209	agreed	TEI5
TP-030192	approved	34.123-1	569	-	Rel-5	CR to 34-123-1, Rel-5; URA Identity in Cell Update	f	5.4.0	5.5.0	T1	T1-031210	agreed	TEI5

TP-030192	approved	34.123-1	570	-	Rel-5	CR to 34.123-1 on Correction to C/T field value for	F	5.4.0	5.5.0	T1	T1-031212	agreed	TEI5
TP-030192	approved	34.123-1	571	-	Rel-5	CR to TS 34.123-1 [REL-5] Package 2 RRC test	F	5.4.0	5.5.0	T1	T1-031213	agreed	TEI5
TP-030192	approved	34.123-1	572	-	Rel-5	CR to 34.123-1 REL-5; Correction to CC test cases	F	5.4.0	5.5.0	T1	T1-031214	agreed	TEI5
TP-030192	approved	34.123-1	573	-	Rel-5	CR to TS 34.123-1 [REL-5] Package 2 GMM test	F	5.4.0	5.5.0	T1	T1-031216	agreed	TEI5
TP-030192	approved	34.123-1	574	-	Rel-5	CR 34.123-1 Rel-5: TC 12.8 Ready Timer in use	F	5.4.0	5.5.0	T1	T1-031218	agreed	TEI5
TP-030192	approved	34.123-1	575	-	Rel-5	CR to 34.123-1 REL-5; Correction to package 1	F	5.4.0	5.5.0	T1	T1-031244	agreed	TEI5
TP-030192	approved	34.123-1	576	-	Rel-5	Corrections to low priority Multi RAB test cases	F	5.4.0	5.5.0	T1	T1-031069	agreed	TEI5
TP-030192	approved	34.123-1	577	-	Rel-5	Corrections to P3 Inter RAT measurement test case	F	5.4.0	5.5.0	T1	T1-031219	agreed	TEI5
TP-030192	approved	34.123-1	578	-	Rel-5	CR to 34.123-1 R5; Correction to Package 1 RRC	F	5.4.0	5.5.0	T1	T1-031254	agreed	TEI5
TP-030192	approved	34.123-1	579	-	Rel-5	CR to 34.123-1 REL-5; Correction to package 2	F	5.4.0	5.5.0	T1	T1-031256	agreed	TEI5
TP-030192	approved	34.123-1	580	-	Rel-5	Introduction of new test cases for a routing area	F	5.4.0	5.5.0	T1	T1-031041	agreed	TEI5
TP-030192	approved	34.123-1	581	-	Rel-5	CR 34.123-1 Rel-5: TC 9.4.2.3 doesn't correspond	F	5.4.0	5.5.0	T1	T1-031037	agreed	TEI5
TP-030192	approved	34.123-1	582	-	Rel-5	Corrections to 34.123-1 v5.4.0 low priority test case	F	5.4.0	5.5.0	T1	T1-031208	agreed	TEI5
TP-030192	approved	34.123-1	583	-	Rel-5	CR 34.123-1 Rel-5: Automatic MO SMS repeat at	F	5.4.0	5.5.0	T1	T1-031279	agreed	TEI5
TP-030193	approved	34.123-2	113	-	Rel-5	Inclusion of test Radio Bearer Reconfiguration	F	5.4.0	5.5.0	T1	T1-030803	agreed	TEI5
TP-030193	approved	34.123-2	114	-	Rel-5	Inclusion of tests for 34.123-2 for combinations on	F	5.4.0	5.5.0	T1	T1-030980	agreed	TEI5
TP-030193	approved	34.123-2	115	-	Rel-5	Inclusion of test for combination on PRACH for TDD	F	5.4.0	5.5.0	T1	T1-030981	agreed	TEI5
TP-030193	approved	34.123-2	116	-	Rel-5	Corrections to applicability for RRC testcases	F	5.4.0	5.5.0	T1	T1-031070	agreed	TEI5
TP-030193	approved	34.123-2	117	-	Rel-5	CR 34.123-2 Rel-5: Applicability statement for TC	F	5.4.0	5.5.0	T1	T1-031096	agreed	TEI5
TP-030193	approved	34.123-2	118	-	Rel-5	CR to 34.123-2 REL-5; Update of applicability table	F	5.4.0	5.5.0	T1	T1-031221	agreed	TEI5
TP-030193	approved	34.123-2	119	-	Rel-5	Update of Applicability statement for GMM	F	5.4.0	5.5.0	T1	T1-031042	agreed	TEI5
TP-030193	approved	34.123-2	120	-	Rel-5	CR to 34.123-2 REL-5; Update of applicability table	F	5.4.0	5.5.0	T1	T1-031253	agreed	TEI5
TP-030194	approved	34.123-3	070	-	R99	Corrections to Package 1 test cases in RRC ATS	F	3.2.1	3.3.0	T1	T1-031054	agreed	TEI
TP-030194	approved	34.123-3	071	-	R99	Corrections to Package 1 test cases in RRC ATS	F	3.2.1	3.3.0	T1	T1-031055	agreed	TEI
TP-030194	approved	34.123-3	072	-	R99	Corrections to Package 1 test cases in RRC ATS	F	3.2.1	3.3.0	T1	T1-031140	agreed	TEI
TP-030194	approved	34.123-3	073	-	R99	CR to 34.123-3 R99, Moving baseline from March 02	F	3.2.1	3.3.0	T1	T1-031242	agreed	TEI
TP-030194	approved	34.123-3	074	-	R99	CR to 34.123-3, R99, Update and remove	F	3.2.1	3.3.0	T1	T1-031278	agreed	TEI
TP-030194	approved	34.123-3	079	-	R99	Changes to TS34.123-3 V310 to introduce	F	3.1.0	3.2.0	T1	T1-030405	agreed	TEI
TP-030194	approved	34.123-3	080	-	R99	Changes to TS34.123-3 V310 to introduce	F	3.1.0	3.2.0	T1	T1-030407	agreed	TEI
TP-030194	approved	34.123-3	084	-	R99	Changes to TS34.123-3 V310 to introduce	F	3.1.0	3.2.0	T1	T1-030423	agreed	TEI
TP-030194	approved	34.123-3	119	-	R99	Changes to TS34.123-3 V310 to introduce	F	3.1.0	3.2.0	T1	T1-030602	agreed	TEI
TP-030194	approved	34.123-3	120	-	R99	Changes to TS34.123-3 V310 to introduce	F	3.1.0	3.2.0	T1	T1-030604	agreed	TEI
TP-030194	approved	34.123-3	121	-	R99	Changes to TS34.123-3 V310 to introduce	F	3.1.0	3.2.0	T1	T1-030606	agreed	TEI
TP-030194	approved	34.123-3	122	-	R99	Changes to TS34.123-3 V310 to introduce	F	3.1.0	3.2.0	T1	T1-030608	agreed	TEI
TP-030194	approved	34.123-3	124	-	R99	Changes to TS34.123-3 V310 to introduce	F	3.1.0	3.2.0	T1	T1-030624	agreed	TEI
TP-030194	approved	34.123-3	127	-	R99	CR to 34.123-3 V310 to introduce test case 7.2.3.19	B	3.1.0	3.2.0	T1	T1-030657	agreed	TEI
TP-030194	approved	34.123-3	128	-	R99	CR to 34.123-3 V320 to introduce test case	B	3.2.0	3.3.0	T1	T1-030877	agreed	TEI
TP-030194	approved	34.123-3	129	-	R99	CR to 34.123-3 V320 to introduce test case 7.2.2.2	B	3.2.0	3.3.0	T1	T1-030879	agreed	TEI
TP-030194	approved	34.123-3	130	-	R99	CR to 34.123-3 V320 to introduce test case 7.2.3.2	B	3.2.0	3.3.0	T1	T1-030881	agreed	TEI
TP-030194	approved	34.123-3	131	-	R99	Changes to TS34.123-3 V320 to introduce	B	3.2.0	3.3.0	T1	T1-030896	agreed	TEI
TP-030194	approved	34.123-3	132	-	R99	Changes to TS34.123-3 V320 to introduce	F	3.2.0	3.3.0	T1	T1-030897	agreed	TEI

TP-030194	approved	34.123-3	133	-	R99	Changes to TS34.123-3 V320 to introduce	F	3.2.0	3.3.0	T1	T1-030898	agreed	TEI
TP-030194	approved	34.123-3	134	-	R99	CR to 34.123-3 V320 to introduce test case	F	3.2.1	3.3.0	T1	T1-030928	agreed	TEI
TP-030194	approved	34.123-3	135	-	R99	CR to 34.123-3 V320 to introduce test case	B	3.2.1	3.3.0	T1	T1-031016	agreed	TEI
TP-030194	approved	34.123-3	136	-	R99	CR to 34.123-3 V320 to introduce test case	B	3.2.1	3.3.0	T1	T1-031018	agreed	TEI
TP-030194	approved	34.123-3	137	-	R99	CR to 34.123-3 V320 to introduce test case	B	3.2.1	3.3.0	T1	T1-031020	agreed	TEI
TP-030194	approved	34.123-3	138	-	R99	CR to 34.123-3 V320 to introduce test case	B	3.2.1	3.3.0	T1	T1-031022	agreed	
TP-030194	approved	34.123-3	139	-	R99	Changes to TS34.123-3 V321 to introduce	F	3.2.1	3.3.0	T1	T1-031141	agreed	TEI
TP-030208	approved	34.123-3	---	-	R99	Addition of RRC test case 8.2.2.1 to RRC ATS	F	3.2.1	3.3.0	T1	T1-031280	-	N/A
TP-030208	approved	34.123-3	---	-	R99	Addition of RRC test case 8.2.2.10 to RRC ATS	F	3.2.1	3.3.0	T1	T1-031287	-	N/A
TP-030208	approved	34.123-3	---	-	R99	Addition of RRC test case 8.2.2.11 to RRC ATS	F	3.2.1	3.3.0	T1	T1-031281	-	N/A
TP-030208	approved	34.123-3	---	-	R99	Addition of RRC test case 8.2.2.17 to RRC ATS	F	3.2.1	3.3.0	T1	T1-031283	-	N/A
TP-030208	approved	34.123-3	---	-	R99	Addition of RRC test case 8.2.2.8 to RRC ATS	F	3.2.1	3.3.0	T1	T1-031286	-	N/A
TP-030208	approved	34.123-3	---	-	R99	Addition of RRC test case 8.2.4.10 to RRC ATS	F	3.2.1	3.3.0	T1	T1-031284	-	N/A
TP-030208	approved	34.123-3	---	-	R99	Addition of RRC test case 8.2.6.1 to RRC ATS	F	3.2.1	3.3.0	T1	T1-031282	-	N/A
TP-030208	approved	34.123-3	---	-	R99	Addition of RRC test case 8.2.6.7 to RRC ATS	F	3.2.1	3.3.0	T1	T1-031285	-	N/A
TP-030208	approved	34.123-3	---	-	R99	Test Case 12.5	F	3.2.1	3.3.0	Anritsu Lt	T1(031288)	-	-
TP-030212	approved	27.007	111	1	Rel-6	Adding reference to 24.008 for the 3G QoS AT-	A	6.3.0	6.4.0	T2	T2-030510r	agreed	TEI5
TP-030212	approved	27.007	112	-	Rel-5	Adding reference to 24.008 for the 3G QoS AT-	F	5.3.0	5.4.0	T2	T2-030511	agreed	TEI5
TP-030212	withdrawn	27.007	113	-	Rel-4	Corrections to AcTs of PLMN Selection	F	4.6.0		T2	T2-030524	agreed	TI-ATC
TP-030212	withdrawn	27.007	114	-	Rel-5	Corrections to AcTs of PLMN Selection	A	5.3.0		T2	T2-030525	agreed	TI-ATC
TP-030212	withdrawn	27.007	115	1	Rel-6	Corrections to AcTs of PLMN Selection	A	6.3.0		T2	T2-030526r	agreed	TI-ATC
TP-030218	approved	34.121	294	-	R99	CR to delete the technical content of 34.121 Rel 99	F	3.13.0	3.14.0	T1	T1-031235	-	TEI
TP-030218	approved	34.121	295	-	Rel-4	CR to delete the technical content of 34.121 Rel 4	A	4.0.0	4.1.0	T1	T1-031236	-	TEI4

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-030196	List and status of T1 Wis	T1	approved
TP-030198	WI sheet for conformance testing of HSDPA	T1	approved
TP-030175	revised WID MMS Enhancements	T2	approved
TP-030185	Work Item Description on: USIM for I-WLAN	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 Electronics	TTA	skpark@samsung.com	+82-31-279-5300
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	Phillip BROWN	3	ETSI	phillip.brown@three.co.uk	+44 1628 765465
Vice chair	Dan FOX	Anritsu Ltd	ETSI	Dan.Fox@eu.anritsu.com	+44 7909 983357
Vice chair	Hisashi NAKAGOMI	NTT DoCoMo	ARIB	hisashi@cet.yrp.nttdocomo.co.jp	+81 468 40 3100
Secretary	Alain SULTAN	ETSI (3GPP support)	3GPP	sultan@etsi.org	+33 4 9294 4271
- RF Sub Working Group					
Convenor	Carolyn TAYLOR	Motorola	T1	Carolyn.Taylor@motorola.com	+1 847 523 0458
- Signalling Sub Working Group					
Convenor	Dan FOX	Anritsu Ltd	ETSI	dan.fox@eu.anritsu.com	+44 1582 433357
TSG-T WG2 (UE capabilities)					
Chair	Ian HARRIS	RIM	ETSI	iharris@rim.net	+44 7764217416
Vice chair	Paul VOSKAR	Nokia	ETSI	paul.voskar@nokia.com	+44 1252 867430
Secretary	Friedhelm RODERMUND	MCC (3GPP support)	3GPP	rodermund@etsi.org	+33 4 9294 4324
- Mobile Execution Environment (MExE) (Sub Working Group 1) DISSOLVED					
- 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.org	+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 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/