



Technical Specification Group

TERMINALS

(TSG-T)

draft v0.2

Meeting Report of TSG-T meeting #19
Birmingham, UK, 12 - 14 March 2003

Hosted by Vodafone, T-Mobile, O2, Orange, 3, DTI, RA

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

1 Opening of the Meeting and IPR reminder

The meeting was opened by Dr. Sang-Keun PARK at 09:00. On behalf of the hosts, TSG-T vice-chairman Kevin HOLLEY (mmO2) welcomed the delegates to the second largest city in the UK, Birmingham and introduced to the meeting arrangements.

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

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

2 Approval of Agenda

[TP-030002](#) contains the draft agenda for TSG-T #19. The election was moved to the beginning of the meeting. With this change the agenda was approved and can be found in annex A of this report.

3 Approval of the meeting report from TSG-T #18 meeting

[TP-030062](#) contains the draft report from TSG-T #18 (New Orleans, 4 – 6 December 2002). It was approved.

4 Letters and reports from other groups, LS incoming

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

[TP-030003](#) contains summary of TSG-SA#18 results related to TSG-T presented by the TSG-T secretary. The document was noted.

[TP-030004](#) contains the draft report of the TSG-SA #18 (New Orleans, 9 – 12 December). The report was noted without presentation.

[TP-030007](#) contains an LS from SCP to GSMA SCaG, 3GPP TSG SA1 cc GSMA, 3GPP TSG SA, 3GPP TSG T, 3GPP TSG T3, 3GPP2 TSG C on Third Form Factor work status and request for additional requirements. EP SCP asks that explicit guidance be provided by SA1 and GSMA SCaG with respect to the issues mentioned in the LS.

Discussion:

- The third form factor will at least accept the chips of the same size that today's form factors accept. It was clarified that this means that the actual silicon part should not change.
- Has it been discussed if it should be possible to put a new UICC into an old holder (with or without adapter)? It was clarified that there will be complete backward compatibility of the UICC electrical contacts. However, the SCP does not consider specifying any adapter.
- 3GPP2 may use the SCP specifications and adopt the new form factor.
- It was reported that there is a strong market requirement for these new cards.

The LS was noted.

[TP-030010](#) contains an LS from RAN to T, T1 cc SA on the requirement to test non transmission of newly defined IEs in RRC protocol for Early UE handling. TSG RAN asks T1 to confirm that the tests will be defined.

The LS was noted. The reply LS from T1 can be found in TP-030012 (see 5.1.1.4).

[TP-030011](#) contains an LS from RAN1 to T1 cc T, RAN2 on the verification of the L1 parameters of the RAB configuration used for RLC testing. RAN1 asks T1 to take into consideration the proposed change of the rate matching range in paragraph 6.11.3 if T1 decides to incorporate Config#2.

The LS was noted.

[TP-030054](#) contains an LS from SA5 to T2 cc GSMA BARG CPWP, SA, and T on Alignment of MMS Message Size definition. This LS closes the discussion on this topic.

The LS was noted.

[TP-030055](#) contains an LS from SA5 to OMA Requirements Group cc SA, SA3, T, T2, T3 on OMA Device Management Requirements document. SA5 will further analyse OMA's Device Management Requirements document, compare it with 3GPP SA5's Rel-5 TR 32.802 and Rel-6 draft TS 32.150, and will supply any feedback to the OMA Requirements group. This LS is a response to an LS from OMA which can be found in TP-030065.

The LS was noted.

4.2 Others

[TP-030053](#) contains an LS from OMA IOP WG to T1 cc T, T2 on common test specifications for applications and services. OMA IOP WG feels that further discussions between OMA IOP and 3GPP TSG T1 should be needed to get a deeper understanding of the work performed in the groups as well as priorities in the current work. OMA IOP proposes to invite 3GPP TSG T1 to further present the work and ideas carried out both in OMA IOP as well as in 3GPP TSG T1.

- It was reported that T1 felt that until T1 has presented to OMA there was little point in having a conference call.

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-030040](#) contains the status report from T1 covering the period since the last TSG-T meeting. [TP-030041](#) contains the draft minutes from the last T1 meeting.

5.1.1.1 RF test status

36 new RRM Test Cases test cases have been developed including 2 FDD, 14 TDD (R99), 5 LCR TDD (Rel4) & 14 Cat A HCR TDD (Rel 4). Corrections and updates to existing Test Cases were performed.

New guidelines for implementation test tolerances were created.

Analysis of power measurement accuracy still requires further study.

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

5.1.1.2 Signalling test status

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

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

Maintenance of default message contents and procedures are in line with Dec 02 core specification. Introduction and removal of RAB combinations are in line with RAN LSs. RLC test RAB issues have been resolved.

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

Updated in line with Dec 02 core specifications. Removal of redundant RRC reconfiguration and state transition test cases considered to have no coverage impact. Test cases for security and PS NAS have been added. Test method and support DSCH testing have been added. Test cases for Intra-frequency Measurements TDD have been included.

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

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

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

13 more TTCN test cases are now verified by T1 to Mar 02 baseline. Another 9 expected in the next 2 weeks by email.

Over 80 TTCN test cases have now been verified by Motorola against the Jun 02 baseline. Although these will still need to be reviewed by T1, it prepares the way for a smooth transition to update the test cases against a later version of core specifications in accordance with the GCF certification criteria.

A number of manufacturers of test equipment and handset technology have now reached a development status which allows T1 to base its verification on real HW implementations of test equipment and of UEs.

The TTCN presented here for approval has been run on 2 independent test platforms and against at least 2 different UE implementation. Several more companies have confirmed that the TTCN run in their labs.

T1 Elections - Outcomes

Elections for the T1 Chair and 2 Vice Chairs were held in T1#18, the results as follows:

T1 Chair: Phil Brown, 3
T1 Vice Chairs: Dan Fox, Anritsu
T1 Vice Chair: Hisashi Nakagomi, NTT DoCoMo

No candidatures were nominated for the T1 RF SWG Chair, therefore the RF SWG was managed by the outgoing Chair and Vice Chair.

The fact that there is no RF Chair has some implications which could make a change of the T1 structure necessary. Four options were identified. One very popular option seems to be the One Meeting Option (OMO):

T1 – The Way Ahead

T1 intends to have more active liaison with RAN4 to resolve known RRM related issues and to provide more challenging feedback to RAN4. T1 intends to maintain close liaison with the GCF: Increase throughput of verified test cases to the industry for validation in accordance with the GCF, and prepare for re-verification programme of existing TTCN tests to later core spec baseline when needed by the GCF.

T1 intends to establish a working relationship with OMA IOP WG.

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

- It was reported that there are some promised funds missing on the TTCN update.. This was discussed later after the TTCN Project Team presentation.
- Regarding the missing RF SWG chair, it was suggested that one way forward would be also to ask one of the vice chairs to chair the RF SWG.
- The T1 chairman clarified that the 13 verified TCs have T1 blessing. The other 80 TCs have been run and developed by Motorola. However, these haven't been scrutinised and verified yet according to the T1 sense.

- The TTCN scripts seem to be stabilising rapidly.

The progress report from T1 was noted. The TSG-T chairman expressed his thanks to the outgoing T1 leadership team for all excellent their work done. He welcomed the new T1 leadership team.

[TP-030042](#) contains the TTCN Project Team (160) report.

Goals in 2003

Ensure P1, P2 and P3 for GCF, move forward the baselines of the core specs, develop new test cases, deliver 4 TTCN versions (V310 – V340), secure TTCN funding for 2004.

TTCN Progress

Summary of GSMA TTCN funding 2002, received 174k € (13,4 mm) from GSMA + GCF, this demonstrated the willingness to support the adaptation of 3GPP TTCN

3GPP funding 58 mm for 2003, 6 TTCN experts engaged in the 1st half of 2003 to ensure the GCF P1 and P2 TC, an additional one will join the task 160

TTVN V143 delivered, baseline the March 02, an improved version of V140 with 300 TTCN error corrections, contains only P1 test cases for verification

TTCN V160 delivered, the 1st delivery on the base line of the core specs Sept. 02, implemented all prose CRs from TSG T#18 for P1+P2, majority CR for P3+P4, security features test enhanced, new GERAN > UTRAN (CS) HO TC and new RAB tests added

TTCN verification is well going on, 16 P1 TC in total agreed at T1, P2 verification started, 80 P1 TC and 25 P2 TC executed in manufacturer labs, 117 error reports received in the reflector since the last TSG T meeting

Estimation: More than 60 P1 TC in the verification pipes and will be presented for approval in 3 months time

No more maintenance of anonymous error report database since all error reports are named and published in T1

Discussion:

- The T1 chairman reported that 3,6 mm funding are still missing from the manufacturers. The GCF is trying to resolve the issue quickly.
- The issue of backwards compatibility was raised. The T1 SIG SWG chair reported that so far there is no plan in T1 having a table showing backward compatibility. It looks like these transitions could raise problems since UEs that pass a certain test package might no longer be compatible with future versions of the tests.
- Do the first UEs to have to go through all the P1-P4 packages? It was clarified that the early handsets will not be subjected to all these test cases. The manufacturers will try to make their handsets as conform as possible. However, regarding the GCF benchmark these handsets are not considered as certified since the test cases are not ready. Later during the year handset manufactures will be able to announce compliance to package 1 and later package 2 and so on.
- The presentation of the TTCN Status of GCF packages was not clear to everybody. The T1 chairman and T1 SIG SWG chairman gave some explanations and the T1 chairman will look into how to present this information in a clearer format in future.
- The PCG needs an update about the funding situation for their meeting in April.

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

5.1.1.3 Other issues

No documents were presented under this agenda item.

5.1.1.4 LS from T1 to TSG-T

[TP-030012](#) contains an LS from T1 to RAN cc T, T1, RAN2, SA on requirement to test non-transmission of newly defined IEs in RRC protocol for Early UE handling. T1-SIG would like to inform RAN that T1-SIG has agreed to update two representative priority test cases to test that the UE shall not include the newly defined IEs in RRC CONNECTION REQUEST and INTER RAT HANDOVER INFO messages.

- It was reported that the Early UE Handling topic is still being discussed in RAN. However, it seems that the current discussion might have no impact on the T1 work.

The LS was noted.

[TP-030013](#) contains an LS from T1 to RAN1, RAN2 cc T on proposed RAB configuration used for RLC testing.

The LS was noted.

[TP-030014](#) contains an LS from T1 to OMA IOP cc T on the OMA LS on common test specifications for applications and services. It is unlikely, given the location of the next TP in Hong Kong, that a T1 representative can make a special trip for such a suggested short presentation. T1 Chair will liaise directly with the OMA IOP WG Chair in order to review the opportunities of when a presentation can be made to the IOP WG.

The LS was noted.

[TP-030015](#) contains an LS from T1 to ETSI TC MTS cc T on UMTS end-to-end testing. T1 is liaising with the Open Mobile Alliance Interoperability Group (OMA IOP) and observing the development of OMA IOP whether OMA IOP would become a useful test forum for the different kinds of end-to-end test.

The LS was noted.

5.1.2 Questions for advice and decisions on T1 issues

No documents were presented under this agenda item..

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-030043](#) contains CRs to 34.108 R99 for approval. The CRs were all approved.

[TP-030044](#) contains CRs to 34.108 Rel-4 for approval. The CRs were all approved.

[TP-030045](#) contains CRs to 34.121 for approval. The CRs were all approved.

[TP-030046](#) contains CRs to 34.122 for approval. The CRs were all approved.

[TP-030047](#) contains CRs to 34.123-1 Idle mode, L2, RAB and TDD test cases for approval. The CRs were all approved.

[TP-030048](#) contains CRs to 34.123-1 RRC test cases for approval. The CRs were all approved.

[TP-030049](#) contains CRs to 34.123-1 NAS test cases for approval. The CRs were all approved.

[TP-030050](#) contains CRs to 34.123-2 for approval. The CRs were all approved.

[TP-030051](#) contains CRs to 34.123-3 for approval. The CRs were all approved.

[TP-030052](#) contains the revisions of T1 Work items for approval. These are revisions of the T1 work items already agreed as TP-020137 at T#16 and TP-020246 at T#17. Additionally, two new work items are proposed for approval: WT_41 General changes to TS34.121 and TS34.122 corresponding to Rel-5, and WT_42 General changes to TS34.121 corresponding to Rel-4.

- It was suggested to present new work items in separate document instead presenting them as part of a big WID collection document. The T1 secretary explained that all T1 work items are always presented in one document. One of the reasons why T1 has decided to do it this way was because RAN is presenting their work items in the same way.

The WID document was approved.

5.1.4 Documents for information

No documents were presented under this agenda item.

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-030035](#) contains the T2 status report (slides) and [TP-030036](#) contains the draft report the last T2 meeting.

5.2.1.1 Status report

Elections for the positions of T2 Chairman and two T2 vice Chairmen will be held at T2#21 due to the expiry of the existing Chair and Vice chairs terms of office.

Key issues at T2#20

52 delegates attending, approx 170 docs processed by TSG T2#20, split of documents between SWG3 / SWG2 roughly equal.

SWG1 did not meet but SWG1 chairman Lars Brenk, as rapporteur, offered to work on editorial improvements to MExE Stage 2. There is was input document to this TSG T.

GUP: A T2 SWG2 meeting to further this work in February was cancelled due to its closeness to TSG T2#20.

UEM: There is insufficient interest in T2 to further this work. This situation is unchanged from T2#19. There has been no interest conveyed to T2 from TSG T after this problem of lack of support was raised at TSG T#18. TSG T guidance is sought regarding this work item.

MMS parameter storage on the SIM/USIM: T2 were undecided whether a much needed example should be in MMS Stage 2 23.140 (under T2's control) or 31.102 (under T3's control). T2 gave a mandate to a joint T2/T3 meeting to resolve this.

T2 continues to lose some of its key delegates over the past 3 T2 meetings - some of whom are now going to attend OMA instead of 3GPP. This may be a growing problem for the ongoing effectiveness of T2 but is probably a much wider issue than just concerns for T2.

MMS WID: T2 took a show of hands of companies who intend to further the work for each of the items in the WID. Some items had no supporting companies. A document has been produced for discussion at TSG T in TP-030063 to investigate potential support for these items. SWG2 (UE Interfaces and Capabilities) Summary

17CRs (1 R98, 4 R99, 4 Rel-4, 4 Rel-5, 4 Rel-6) and 2 LSs agreed.

Generic User Profile: Progress ongoing but no input documents to this TSG T. Specs expected by September for information. Proposed structure of 23.241 GUP Stage 2 Data description framework agreed. Several contributions on content (use cases, information model and others) incorporated into the draft spec. LS to SA2 cc TSG-T in TP-030009 reports about the GUP progress in more detail.

User Equipment Management: No progress due to insufficient support.

SWG3 Summary (MMS)

17 CRs 23.140 (4 Rel-4, 6 Rel-5, 7 Rel- 6) 8 LSs agreed

MMS parameter storage on the SIM/USIM behaviour: A CR for REL-4 has now been produced following feedback from SA/SA1 on an outstanding matter from the T2#19 reported to TSG T#18. A Rel-5 CR was agreed already at TSG T#18.

MMS parameter storage on the SIM/USIM example: .

Joint meeting arranged with T3 concerning whether an important example should be in 23.140 or 31.102.

Currently discussions are ongoing on providing MM7 message related fields on MM4, addition of MMS relay identifier, extension of delivery report over MM4, and third party pays which may lead to CRs in the near future.

SWG3 Summary (CBS)

1 LS and 3 CRs (1 REL-4, 1 REL-5, 1 REL-6) agreed

The outstanding CBS matter concerning a possible discrepancy in message length and format between GSM and UMTS implementations was discussed. LS sent to T3 and RAN2 with proposed CRs to 23.041 (Rel-4, Rel-5 and Rel-6). T2 and RAN2 are happy with the CRs.

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

- The T2 chairman asked companies to abide the procedure which TSG-T has set regarding harmonisation and solve related problems by liaising between 3GPP and 3GPP2.
- The TSG-T secretary reminded about a discussion on MMS harmonisation held at T#17 in Biarritz. The meeting report says: "Regarding the 3GPP-3GPP2 MMS harmonisation, T2 was advised to use the existing mechanisms for cooperation with 3GPP2. There is an existing liaison relation and it is possible to invite 3GPP2 experts to T2 meetings. In case a 3GPP2 company is not a 3GPP member, they can join meetings as guests. Any LSs from 3GPP to 3GPP2 should be copied to TSG-T."
- It was clarified that there is currently no WID or other document describing the scope of this MMS harmonisation.
- It has to be ensured that this harmonisation does not prevent deployed systems to be further evolved, and that deployed systems become possibly obsolete because of harmonisation efforts.
- It was clarified that SWG1 is not dissolved yet because of the responsibility on maintenance work. A date for dissolving SWG1 has not been set by T2.

The status report from T2 was noted.

5.2.1.2 LSs from T2 to TSG-T

[TP-030008](#) contains an LS from T2 to 3GPP2 TSG-N cc 3GPP SA1, 3GPP TSG-T, 3GPP2 TSG-S on MMS Standards Status to 3GPP2 TSG-N. T2 ask 3GPP2 TSG-N group to provide the status of the 3GPP2 MMS standards specifications, a view of the planned evolution of those specifications, and copies of the current specifications. Additionally, T2 asks for input on how collaborative harmonization of 3GPP and 3GPP2 MMS specifications with the intent of achieving maximum commonality and minimizing interworking issues for MMS services between 3GPP and 3GPP2 networks can be achieved.

- The T2 chairman explained that the reason to produce this was because T2 was concerned about potential interoperability problems between 3GPP and 3GPP2 networks regarding MMS, and T2 would like to investigate if there are any potential problem areas which have to be addressed.
- Ericsson reported that they have not identified the need to have a joint collaborative effort in this area. They stated their position that the harmonisation discussion should start on the requirement level in SA1.
- The role of OMA in this harmonisation process is not clear.
- It was reported that 3GPP2 is considering to suggest a joint meeting. TSG-T vice chairman Ed EHRlich suggested that having joint meeting could be problematic and that it would be better attending each others meeting.
- 3GPP2 TSG-X vice-chairman Hee-Joung LEE (LG Electronics Inc.) suggested to have joint discussions between 3GPP2 and T2 in San Diego in May. The T2 chairman welcomed this idea.
- ATWS stated that they are definitely interested in interworking with external MMS systems, however they consider harmonisation as a different piece of activity. They have concerns that there are no requirements defined yet and in the absence of a WID the scope is very unclear.
- It was reminded that T2 received some endorsement from TSG-T to start investigating potential matters for MMS harmonization from T#17 in Biarritz.
- The term harmonization seemed to cause some confusion. The T2 chairman clarified that the intend of this activity is to ensure interworking across boundaries.

The LS was noted. The discussion will continue in SA since the LS is copied to SA.

[TP-030009](#) contains an LS from T2 to SA2 cc T on T2 GUP Coordination Progress Report to SA2. T2 requests SA2 group to comment on this LS and the attached documents. T2 requests SA2 to consider suggested methods for keeping the Information Model work in the two WGs synchronized. T2 requests SA2 to review the Terminal GUP Use Cases and GUP implications on the Terminal architecture in T2-030035, and provide comments, and incorporate into the GUP Architecture as appropriate.

The LS was noted.

[TP-030065](#) contains an LS from OMA-REQ to SA4, T2 cc T3 on User Equipment Management. The Device Management Requirements Document (RD) is in draft-format, and it is planned to have the final draft available for the TP approval in mid-April.

- The T2 SWG2 chairman reported the current situation of lack of support for UEM in T2 which had already been reported at the last TSG-T and TSG-SA meetings. He announced that it is intended to discuss the matter with SA5 in April. SA5 hasn't completed the revision of their new work plan and therefore it's not clear what they will request T2 to do.
- Ericsson proposed that TSG-T should conclude that this work will not be done in T2, and that this is reported to TSG-SA. It should be the task of SA5 to evaluate if the existing SA5 requirements are met by the device management requirements which exist in OMA. And if all requirements are met, then it is a decision for SA to take if 3GPP wants to rely on the device management work in OMA.
- The T3 chairman reminded that a T3 work item on UEM has been approved.
- AWS believes that UEM work has to be done in T2, SA5 and in OMA. In T2, as a minimum it has to be investigated if the device management work from OMA is applicable to 3GPP or not.

The LS was noted.

[TP-030056](#) contains an LS from SA2 to T2 cc T on T2 GUP Co-ordination Progress Report to SA2. SA2 ask T2 group to discuss and take into consideration SA2's comments on the terminal GUP Use Cases.

The LS was noted.

5.2.2 Questions for advice and decisions on T2 issues

No documents were registered under this agenda item.

5.2.3 Approval of contributions from T2

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

[TP-030037](#) contains CRs on AT commands for approval.

The CRs 27.007 094, 095, 096, 097 on Clarification in the behavior of AT+CGCLASS were not presented from this document, but instead a revised version of CR094 was discussed later in TP-030066.

Discussion on CRs 102, 103, 104, 105 Correction of AT+WS46 parameter values:

- Concerns were expressed that this CR might not reflect what the PCCA wants since it shows 3GPP systems for the value 25 instead of GPRS. The T2 SWG2 chairman reported that there has been some informal correspondence with the PCCA on this matter. PCCA is waiting for a 3GPP decision on this and they will implement this decision.
- Value 22 Wideband CDMA (UTRAN only) caused some confusion. It was clarified that this value is not for a dual mode handset.
- According to the T2 SWG2 chairman's understanding, this command is only for querying the value from the mobile, and the mobile is only allowed to support one value.
- Niels ANDERSEN highlighted that the problem is that this is a set command which enables the direct switch between dual mode and single mode. This is not supported by the rest of the standard in CN, RAN GERAN. He also questioned if this can really be a R99 CR. Additionally, the actual CR is not aligned with the reason for change which is talking about the introduction of the query function of the command.
- The T2 SWG2 chairman highlighted that this is important also for R99 because there are systems implemented in Japan which are based on R99.
- The T2 chairman asked delegates to participate in the discussions in T2 instead of raising concerns at a late stage in TSG-T.

The CRs were revised in TP-030071.

Discussion on CR 07.07 A91 and 27.007 098, 099, 100, 101 on Correction ATV0 result codes:

- It appears that with this an incompatibility is introduced in the middle of the release by shifting the result codes by one. The T2 SWG2 chairman explained that there has been this discrepancy between the values between 27.007 and ITU-T V.250. It has been noted that this

has caused real problems for users and therefore has to be corrected. However, it is assumed that implementers would use the V.250 values anyway.

These CRs were approved.

Discussion on CR 27.007 106, 107, 108, 109 AT +CGEQREQ - Required Parameters for Streaming / Conversational Traffic Class:

- Motorola suggested to reject 106 and 107. There seems to be no justification to have R99 and Rel-4 CRs for this matter. The T2 SWG2 chairman supported the rejection of 106 and 107.
- The TSG-T vice chairman Kevin HOLLEY mentioned that TSG-T should discourage its working groups from producing CRs to older releases.

TSG-T rejected the CRs 106 and 107. CRs 108 and 109 were approved.

In summary, the following CRs from document TP-030037 were approved: A91, 098, 099, 100, 101, 108, 109.

[TP-030066](#) contains an CR 27.007 CR094 rev 1 Clarification in the behaviour of AT+CGCLASS.

- The T2 SWG2 asked if this change is acceptable for T and suggests to give T2 delegates some time to check the matter back in their companies.
- It was discussed why this CR is also required for R99 and Rel-4. The T2 SWG2 chairman highlighted that T2 felt that this CR was really required for these releases.

The CR was accepted in principle and the companies was given some time to check with their home companies. The whole set of CRs to all releases was later provided in TP-030067.

[TP-030067](#) contains CRs 27.007 94rev1, 95rev1, 96rev1, 97rev1 on the clarification in the behaviour of AT+CGCLASS.

- It was noted that the source of the CRs given on the cover sheet is not T2, and that the given T2 doc numbers don't apply.

The CRs were all approved.

[TP-030071](#) contains CRs 27.007 102rev1, 103rev1, 104rev1, 105rev1 on the correction of AT+WS46 parameter values.

- It was noted that the source of the CRs given on the cover sheet is not T2, and that the given T2 doc numbers don't apply.
- Nokia had some concerns on these changes e.g. restricting the command's set functionality. After an overnight check they were ok with the CR.

The CRs were all approved.

[TP-030038](#) contains CRs on CBS for approval.

- CBS runs over UTRAN and GERAN. The given reference is to a UTRAN spec but it seems to be unclear what happens in GERAN. After some checking, it was seen that 25.324 is also referring to the GSM CB data parameter.

The CRs were all approved.

[TP-030039](#) contains CRs on MMS for approval. The CRs were all approved.

5.2.4 Documents for information

No documents were presented under this agenda item.

5.2.5 Work programme review of T2

[TP-030063](#) is a document about the support of MMS Rel-6 WID items. This document includes the items extracted from the MMS WID and gives an informal indication about the support of the individual items. Some items had no supporting companies. This document has been produced for discussion at TSG T to investigate potential support for these items.

- Orange and Siemens announced that they support OTA Provisioning for MMS.
- Access will investigate its support of interworking and transcoding and potentially other items.

- Concerns there expressed that the Release 6 timeframe is unclear and therefore it's difficult to plan the scope of MMS Rel-6.
- It was suggested that each of these items should be brought into TSG-T as separate WID.

The T2 chairman expressed his satisfaction that some more supporting companies have been added to the WID. He announced that T2 will try to define a more realistic scope for MMS Rel-6 at their next meetings. Interested companies are invited to attend T2 meetings and make proposals on how to progress the MMS Rel-6 work.

See section 7 of this report for further information about the work program.

5.3 WG T3 USIM

5.3.1 Reports and liaisons from T3

[TP-030016](#) contains the status report (slides) for T3. [TP-030070](#) is the draft report from the last T3 meeting.

T3#26 was attended by 41 delegates from 12 countries. 55 CRs, 1 TS and 1 WID were agreed; 12 LSs were approved.

Paul Jolivet (DoCoMo Europe) was re-elected as Vice-Chairman by acclamation.

A joint meeting with T2 on MMS parameter storage was held on 13 February in the afternoon. The joint meeting produced CRs that are presented for approval at this plenary.

On the discussion of IMS access utilizing the SIM, T3 emphasize that there is no Rel-5 SIM. This means that IMS access utilizing the SIM has to be based on the fields and functions already specified for the SIM. Furthermore, T3 has sent an LS to TSG SA asking TSG SA to encourage the use of the UICC holding the USIM and/or ISIM application for services defined for Rel-5 and beyond.

T3 noted that no mechanism for Cell Broadcast toolkit messages is standardised for Rel-5 and earlier, and that the current specifications for Cell Broadcast in UTRAN are not complete. This could not be resolved with the help of T2 delegates.

T3 requested information (by sending an LS) from SA1 on "3GPP UICC application aspects of WLAN interworking" and intend to create a work item description on the topic for the next T plenary.

After discussing a CR that proposed making the Universal PIN optional, T3 decided to keep the Universal PIN feature mandatory for backwards compatibility reasons.

T3 discussed a potential issue with multiple EF_ARR under ADF_USIM. The fact that currently one EF_ARR is explicitly specified with a defined FID under ADF_USIM could give terminal manufacturers the impression that only one EF_ARR is allowed. T3 noted that this is not the case and that more than one EF_ARR are supported by the UICC as defined in ETSI TS 102 221. T3 therefore concluded that this support is obvious to terminal manufacturers and concluded to take no further action on the issue.

T3 elaborated that due to modified requirements the handling of toolkit originated emergency calls is potentially ambiguous in the current specifications. Therefore an LS was sent to SA1 seeking clarification.

T3 drafted a WID to cover interworking issues with 2G/3G Java Card API based toolkit applets (presented here for approval).

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

- It was clarified that T3 has not a similar relationship regarding tests with the GCF as T1 has. It has to be investigated if a similar relationship like T1 has would be useful. GCF has prioritised the test cases for T1 in order to give a focus to T1 on what is required. In the past, all tests including SIM related tests were defined by the responsible testing groups like SMG7 and T1. Today the situation is different since T3 defines their own tests.
- T3 reported that the current specifications for Cell Broadcast in UTRAN are not complete. However, in case the operator owns both ends of the service (the server and the USIM) it could be possible to provide CBS services in a proprietary way.

The T3 report was noted.

TP-030033 contains an LS from T3 to SA1 cc T, CN1 on (U)SIM Toolkit originated emergency calls. TSG T3 has identified a potential ambiguity in the current specifications (R99 and onwards) on how (U)SIM Toolkit originated calls are to be handled in case the dialled number matches an emergency number. T3 seek guidance from SA1 on how to handle the matter.

- This ambiguity is around for a long time and it's unclear how urgent it is to resolve the issue.
- The T3 chairman explained that 112 used to be hardwired on the handset. Later on, the emergency number list in the SIM was introduced to allow countries to have their own numbers as emergency numbers.

The LS was noted.

TP-030034 contains an LS from T3 to T, GERAN on SIM Application Toolkit Test Specification. As the next GERAN meeting will take place prior to the next T3 meeting, T3 proposes to have a similar process like agreed at T#18, that means get e-agreement on the T3 reflector (CC: T reflector) and the volunteering companies will then submit the CR to GERAN#14.

TSG-T approved the process proposal. The LS was noted.

5.3.2 Questions for advice and decisions on T3 issues

No documents were presented under this agenda item.

5.3.3 Approval of contributions on T3 issues

TP-030017 contains CRs to TS 11.11 and TS 51.011 for approval.

- The T3 chairman reported that after the CRs were agreed in T3, objections were raised on 11.11 A134 and 51.011 019. Some felt that it would be possible to misinterpret the text. In addition, it was noted that CN1 had not prepared CRs related to the topic to their specifications, so there is potentially a mismatch between the two sets of specifications.
- NTT DoCoMo and Gemplus supported rejection of the CRs.

TSG-T rejected 11.11 A134 and 51.011 019. CRs 51.011 017 and 51.011 018 (includes example for MMS connectivity) were approved.

TP-030018 contains CRs to TS 31.102 for approval.

Discussion on 31.102 130 Miscellaneous corrections on files:

- Do these changes affect a GERAN mobile using a USIM supporting SOLSA? T3 should investigate the consequences of all possible scenarios.
- It was pointed out that because of the decision that GSM Rel-5 terminals are mandated to support the USIM, similarly, the USIM should support GSM features such as SoLSA, even if they are unlikely to be used.

The CR was rejected. T3 were asked to review all releases of the USIM specifications to investigate which other services and features may need to be added to support GSM services.

Discussion on 31.102 134, 135, 136, 137 CR to delete Elementary File EF_RPLMNACT:

- The T3 chairman reported that some time after the CRs were agreed in T3, objections were raised to these CRs, as some felt that it would be possible to misinterpret the text. In addition, it was noted that CN1 had not prepared CRs related to the topic to their specifications, so there is potentially a mismatch between the two sets of specifications.

CRs 31.102 134, 135, 136, 137 were rejected.

In summary: CRs 31.102 130, 134, 135, 136, 137 were rejected. CRs 31.102 131, 132, 133, 138, 139, 140, 141 were approved.

TP-030019 contains CRs to TS 31.103 for approval. The CRs were all approved.

TP-030020 contains CRs to TS 11.14 and TS 51.014 for approval. The CRs were all approved.

TP-030021 contains CRs to TS 31.111 for approval. The CRs were all approved.

[TP-030022](#) contains CRs to TS 31.113 and 31.114 for approval. The CRs were all approved.

[TP-030023](#) contains CRs to TS 31.131 for approval. The CR was approved.

[TP-030024](#) contains CRs to TS 43.019 for approval. The CR was approved.

[TP-030025](#) contains CRs to TS 23.048, TS 31.115 and TS 31.116 for approval.

- TSG-T vice chairman Kevin HOLLEY reported that in 1994 it was decided to rename SMS-CB to CBS.

All CRs were approved. T3 was requested by TSG-T to do a clean-up CR replacing SMS-CB with CBS.

[TP-030026](#) contains CRs to TS 11.13 for approval. The CRs were all approved.

[TP-030027](#) contains a CR to TS 11.17 for approval. The CR was approved.

[TP-030028](#) contains CRs to TS 31.121 for approval. The CRs were all approved.

[TP-030029](#) contains a CR to TS 31.122 for approval. The CR was approved.

[TP-030030](#) contains CRs to TR 31.900 for approval. The CRs were all approved.

[TP-030031](#) contains a Work Item Description on TR on 2G/3G Java Card™ API based applet inter-working for approval. In order to proceed with the migration of existing 2G applets on the UICC, it was identified that both the SIM APIs (as defined in TS 43.019) and UICC/USIM/SIM APIs (as defined SCP 102 241 and TS 31.130) can be implemented on the UICC. This solution implies the creation of a Technical Report that clarifies the behaviour and limitations of the TS 43.019 APIs used in 3G mode, and the API interworking.

- Concerns were raised that almost no impacts are visible from this WID e.g. on security, and additionally the work item classification is missing. It was clarified that there are no security implications. The TR is required to investigate the limitations and problems if one uses 2G applets in the 3G world (e.g. in the SIM or USIM application on the UICC).

The WID was approved.

[TP-030032](#) contains a TS 34.131 v2.0.0 Rel-6: "Test Specification for 'C'-language binding to (U)SIM API" for approval. The present document describes the technical characteristics and methods of test for testing the SIM API for the C programming language 3GPP TS 31.131 [11] implemented in the subscriber identity modules for GSM and 3G networks.

The TS was approved.

5.3.4 Documents for information

No documents were presented under this agenda item.

5.3.5 Work programme review of T3

See section 7 of this report for further information about the work program.

6 Election of TSG-T Chairman and Vice-chairmen

6.1 Election of the TSG-T chairman

One candidate, Sang-Keun PARK from Samsung Electronics (TTA) stood for the position of TSG-T Chairman. He was elected by acclamation.

The letter of support and CV was available in [TP-030059](#).

6.2 Election of the TSG-T vice-chairmen

Two candidates stood for position of TSG-T vice-chairman: Ed EHRlich, Nokia (T1) and Kevin HOLLEY, mmO2 (ETSI). They were elected by acclamation.

The letters of support and CVs were available in [TP-030060](#) and [TP-030061](#).

The full contact information for all TSG-T officials (including WG and SWG officials) can be found in annex.

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

7.1 Work Plan

[TP-030006](#) contains the MCC review of the Work Plan at TSG #19 presented by Alain SULTAN (MCC).

Discussion:

- T1 is still seeking supporting companies for the following UE Testing Rel-5 activities: Improvements of Radio Interface, RAN Improvements, Emergency call enhancements.
- It is currently unclear when the MM1 stage 3 will be published by OMA.
- Regarding DRM, the members represented in both committees, OMA and 3GPP, are expected to ensure that the OMA DRM solution fulfils 3GPP's needs. The increasing openness of OMA should also facilitate this work.
- T3 is waiting for a SA1 decision to start working on WLAN/UMTS interworking.
- It is very likely that T3 will be involved in work on subscriber certificates.

The work item on MExE Enhancements is considered to be closed now. The work plan presentation was noted.

[TP-030005](#) contains the latest version of the Work Plan. The document was noted without presentation.

7.2 Other issues

[TP-030057](#) contains CRs to lists of specs, frozen Releases for information. The document was noted.

[TP-030058](#) contains the specs status list prior to TSGs#19. The document was noted.

[TP-030069](#) contains a list of specifications not yet under change control, but pertaining to frozen Releases. The document was noted.

8 Liaison Statements (LS) outgoing

No LSs were sent from this TSG-T meeting.

9 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.

10 Any Other Business

[TP-030064](#) is about the discussion on IPv6 utilization within IMS. It is proposed that TSG SA initiates a review to confirm that the existing 3GPP decisions and scenarios for the use of IPv6 as part of the IMS are in line with the overall industry trends and is in the best interests of both operators and vendors. Comments from TSG-T were solicited:

Discussion:

- Advantages of IPv6 are the general address space and using IPv6 from the UE to the node within the IMS. Seen from the mobile manufacturer point of view it would not be welcomed having to implement IPv4 and IPv6 in the mobile.
- If 3GPP would allow IPv4 then it is likely that a terminal is produced supporting only this. For an upgrade, a mobile would need mechanisms to distinguish if the network is supporting IPv4 or IPv6. Additionally, future networks would have to distinguish old and new mobiles.
- Opinions were expressed that 3GPP should avoid options in this area and therefore stick to the decision to allow only IPv6.

The document was noted.

[TP-030068](#) is about improving the cooperation between 3GPP and OMA. In order to improve the cooperation it is proposed that 3GPP and OMA form a detailed agreement covering several topics related to 3GPP/OMA work

scope, responsibilities and dependencies. The discussion on this document was extended to the role of T2 with respect to overlapping work areas with OMA.

Discussion:

- One interworking problem between OMA and 3GPP seems to be caused by the fact that they are set-up differently and have different legal frameworks and different cultures. It may be difficult to find a formal way of interworking. It was reminded that there is a 3GPP-OMA framework doc which will be on the agenda of the next PCG.
- OMA has agreed its openness policy which allows to share working documents. Additionally, the cooperation agreement allows OMA groups to send certain documents to 3GPP. There is a very large overlap in the participation in OMA and 3GPP and this should also contribute towards harmonization of work on both sides.
- It would be important that both organizations have views before such a proposed leadership meeting would make sense.
- The need for a plan is important. Without a plan it's difficult to understand where is the scope and role of the respective bodies and it would be more difficult to companies to decide where to send their resources.
- The value of the cooperation agreement was questioned. If an overlapping work item is proposed which has a clear overlap but is within the scope of 3GPP, then the work item still could be agreed and the work could start. There have been several work items created in the OMA where there have been already work items in 3GPP from the past.
- It was suggested that T2 provides a document listing all activities for the next TSG-T meeting grouped into three categories: active, maintenance, dormant. For each of those it should be listed what other activities are ongoing in groups outside 3GPP (overlap with OMA etc.) to their best knowledge. Then TSG-T could review the activities which are in the border area.
- A very good example of a very well defined work split between 3GPP and an external body is T3 and SCP.
- It's important that T2 continues with the Rel-6 work and completes it in time. Additionally, a discussion should start now in T2 on what to do after Rel-6.
- Some comments were expressed that such a proposed framework and guidelines could be very useful and 3GPP shouldn't wait with this discussion until the end of Rel-6.
- T1 reported that T1 and OMA IOT have no overlap in the short term as OMA is not creating conformance tests at the moment.
- The T2 chairman expressed concerns about moving items to OMA in Rel-6 because of the risk of creating unnecessary delays. Several companies expressed their views that a disruption of the ongoing Rel-6 work has to be avoided.
- The areas of overlap between T2 and OMA are the MMS, GUP and UEM work.
- What goes on in 3GPP and in OMA depends of course what companies put into the respective meetings.

The document was noted. TSG-T requested T2 to define its Rel-6 work in MMS. The T2 secretary will produce a document listing the work scope and status and dependencies with other fora for the next TSG-T meeting. TSG noted the proposal from Nortel's document, however, there was no unanimous support for the proposal of having a joint leadership meeting.

TSG-T vice chairman Kevin Holley suggested that TSG-T should be better aware of terminal issues going on in other TSGs. Currently, the TSG-T secretary provides a report on terminal matters from TSG-SA at every meeting. Information from the other TSGs is missing.

- Ericsson and Motorola don't see a strong need having this additional reporting since they have their delegates in RAN, CN, GERAN.

It was concluded that TSG-T leadership will look into how to accomplish this.

This was Lidia SALMERON's last TSG-T meeting. The TSG-T chairman thanked her in the name of TSG-T for all her excellent work done for T1 during the past 4 years, and wished her all the best for her future!!!

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

12 Close of the meeting

The meeting was closed by the chairman at 12:30. He thanked the WG chairman for their presentations and the delegates for their work and Vodafone, T-Mobile, O2, Orange, 3, DTI, RA for hosting the meeting. He also expressed his thanks to the MCC and the meeting support team.

ANNEX A **Approved Agenda**

AGENDA

Agenda Item	Input documents (TP-030nnn)
1 Opening of the meeting (09:00 Wednesday 12 March) and IPR reminder	
2 Approval of Agenda	002
3 Approval of the meeting report from TSG-T#18	062
4 Letters and reports from other groups, LS incoming 4.1 OP, PCG, TSG SA, TSG CN, TSG RAN, TSG GERAN 4.2 Others	003, 004, 010, 011, 054, 055, 056 007, 053
5 Reports from TSG-T Working Groups 5.1 WG T1 Mobile Terminal Conformance Testing 5.1.1 Reports and liaisons from TSG-T WG1 5.1.2 Questions for advice and decisions on T1 issues 5.1.3 Approval of contributions on T1 issues 5.1.4 Documents for information 5.1.5 Work programme review of T1 5.2 WG T2 Mobile Terminal Services and Capability 5.2.1 Reports and liaisons from T2 5.2.2 Questions for advice and decisions on T2 issues 5.2.3 Approval of contributions on T2 issues 5.2.4 Documents for information 5.2.5 Work programme review of T2 5.3 WG T3 USIM 5.3.1 Reports and liaisons from TSG-T WG3 5.3.2 Questions for advice and decisions on T3 issues 5.3.3 Approval of contributions on T3 issues 5.3.4 Documents for information 5.3.5 Work programme review of T3	012, 013, 014, 015, 040, 041 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052 008, 009, 035, 036 037, 038, 039 063 016, 033, 034 017, 018, 019, 020, 021, 022, 023, 024, 025, 026, 027, 028, 029, 030, 031, 032
6 Election of TSG-T Chairman and Vice-chairmen (moved to the beginning of the meeting)	059, 060, 061
7 TSG-T Project Management / Work Programme Review and Co-ordination with TSG-SA 7.1 Release 5 7.2 Release 6 7.3 Other issues	005, 006, 057, 058
8 Liaison Statements (LS) outgoing	
9 Postponed issues from earlier in the meeting	
10 Any Other Business	
11 Future Meeting Schedule	
12 Close of the meeting (by 16:00 Friday 14 March)	

ANNEX B

List of attendees

	<i>Name</i>		<i>email</i>	<i>Organisation name, status, partner, country</i>		
1	Mr. Ramin Afchar		ramin.afchar@vodafone.com	VODAFONE Group Plc	3GPPM ETSI EMBE	GB
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46	Mr.	Prem	Sood	pls@sharplabs.com	SHARP Corporation	EMBE 3GPPM ARIB	JP
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49	Mr.	Hans	van der Veen	Hans.vanderVeen@ccrle.n ec.de	NEC EUROPE LTD	EMBE 3GPPM ETSI	GB
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52	Dr.	Jun	Yamada	yamada-jun@sic.hitachi.co. jp	Renesas Technology Europe	EMBE 3GPPM ETSI	GB
53	Mr.	Do-Hyon	Yim	ydhyon@samsung.com	Samsung Electronics Co., Ltd	EMBE 3GPPM TTA	KR
54	Mr.	Francesco	Zammarano	FZAMMARANO@MAIL.TIM. IT	TELECOM ITALIA S.p.A.	EMBE 3GPPM ETSI	IT

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)

TP-030001	Report (draft) from TSG-T #18 (New Orleans, 4 – 6 December 2002)	TSG-T Secretary	3	revised in TP-030062
TP-030002	Agenda (draft) for TSG-T #19 (Birmingham, 12 – 14 March 2003)	TSG-T Chairman	2	approved after the election has been moved to the beginning of the meeting
TP-030003	TSG-SA#19 result summary for TSG-T	T-secretary	4.1	noted
TP-030004	Report (draft) from TSG-SA #18 (New Orleans, 9 – 12 December)	TSG-SA Secretary	4.1	noted
TP-030005	3GPP Work Plan	MCC	7	noted
TP-030006	3GPP Work Plan [Slide Presentation]	MCC	7	noted
TP-030007	LS from SCP to GSMA SCaG, 3GPP TSG SA1 cc GSMA, 3GPP TSG SA, 3GPP TSG T, 3GPP TSG T3, 3GPP2 TSG C on Third Form Factor work status and request for additional requirements	SCP (SCP-030066)	4.2	noted
TP-030008	LS from T2 to 3GPP2 TSG-N cc 3GPP SA1, 3GPP TSG-T, 3GPP2 TSG-S on MMS Standards Status to 3GPP2 TSG-N	T2 (T2-030128)	5.2.1	noted
TP-030009	LS from T2 to SA2 cc T on T2 GUP Coordination Progress Report to SA2	T2 (T2-030156)	5.2.1	noted
TP-030010	LS from RAN to T, T1 cc SA on requirement to test non transmission of newly defined IEs in RRC protocol for Early UE handling	RAN (RP-020904)	4.1	noted
TP-030011	LS from RAN1 to T1 cc T, RAN2 on the verification of the L1 parameters of the RAB configuration used for RLC testing	RAN1 (R1-030199)	4.1	noted
TP-030012	LS from T1 to RAN cc T, T1, RAN2, SA on requirement to test non-transmission of newly defined IEs in RRC protocol for Early UE handling	T1 (T1-030226)	5.1.1	noted
TP-030013	LS from T1 to RAN1, RAN2 cc T on proposed RAB configuration used for RLC testing	T1 (T1-030232)	5.1.1	noted
TP-030014	LS from T1 to OMA IOP cc T on the OMA LS on common test specifications for applications and services	T1 (T1-030233)	5.1.1	noted
TP-030015	LS from T1 to ETSI TC MTS cc T on UMTS end-to-end testing	T1 (T1-030234)	5.1.1	noted
TP-030016	T3 status report to T#19	T3	5.3.1	noted
TP-030017	CRs to TS 11.11 and TS 51.011 for approval	T3	5.3.3	11.11 A134 and 51.011 019 rejected, CRs 51.011 017 and 51.011 018 approved
TP-030018	CRs to TS 31.102 for approval	T3	5.3.3	CRs 31.102 130, 134, 135, 136, 137 were rejected. CRs 31.102 131, 132, 133, 138, 139, 140, 141 were approved.
TP-030019	CRs to TS 31.103 for approval	T3	5.3.3	approved
TP-030020	CRs to TS 11.14 and TS 51.014 for approval	T3	5.3.3	approved
TP-030021	CRs to TS 31.111 for approval	T3	5.3.3	approved
TP-030022	CRs to TS 31.113 and 31.114 for approval	T3	5.3.3	approved
TP-030023	CRs to TS 31.131 for approval	T3	5.3.3	approved
TP-030024	CRs to TS 43.019 for approval	T3	5.3.3	approved
TP-030025	CRs to TS 23.048, TS 31.115 and TS 31.116 for approval	T3	5.3.3	approved
TP-030026	CRs to TS 11.13 for approval	T3	5.3.3	approved
TP-030027	CRs to TS 11.17 for approval	T3	5.3.3	approved
TP-030028	CRs to TS 31.121 for approval	T3	5.3.3	approved
TP-030029	CRs to TS 31.122 for approval	T3	5.3.3	approved
TP-030030	CRs to TR 31.900 for approval	T3	5.3.3	approved
TP-030031	Work Item Description on TR on 2G/3G Java Card™ API based applet inter-working for approval	T3	5.3.3	approved
TP-030032	TS 34.131 v2.0.0 Rel-6: "Test Specification for 'C'-language binding to (U)SIM API" for approval	T3	5.3.3	approved
TP-030033	LS from T3 to SA1 cc T, CN1 on (U)SIM Toolkit originated emergency calls	T3 (T3-030160)	5.3.1	noted
TP-030034	LS from T3 to T, GERAN on SIM Application Toolkit Test Specification	T3 (T3-030195)	5.3.1	noted
TP-030035	T2 status report (slides)	T2 chairman	5.2.1	noted
TP-030036	T2#20 San Francisco meeting report	T2 Secretary	5.2.1	noted
TP-030037	CRs on AT commands for approval	T2	5.2.3	CRs A91, 098, 099, 100, 101, 108, 109 approved, CRs 106 and 107 rejected, 1 CRs 094, 095, 096, 097 revised in TP-030067, CRs 102, 103, 104, 105 revised in TP-030071,
TP-030038	CRs on CBS for approval	T2	5.2.3	approved
TP-030039	CRs on MMS for approval	T2	5.2.3	approved

TP-030040	T1 status report	T1 chairman	5.1.1	noted
TP-030041	T1#18 draft report	T1 secretary	5.1.1	noted
TP-030042	TTCN report for approval	STF 160	5.1.3	approved
TP-030043	CRs to 34.108 R99 for approval	T1	5.1.3	approved
TP-030044	CRs to 34.108 Rel-4 for approval	T1	5.1.3	approved
TP-030045	CRs to 34.121 for approval	T1	5.1.3	approved
TP-030046	CRs to 34.122 for approval	T1	5.1.3	approved
TP-030047	CRs to 34.123-1 Idle mode, L2, RAB and TDD test cases for approval	T1	5.1.3	approved
TP-030048	CRs to 34.123-1 RRC test cases for approval	T1	5.1.3	approved
TP-030049	CRs to 34.123-1 NAS test cases for approval	T1	5.1.3	approved
TP-030050	CRs to 34.123-2 for approval	T1	5.1.3	approved
TP-030051	CRs to 34.123-3 for approval	T1	5.1.3	approved
TP-030052	Revision of T1 Work items for approval	T1	5.1.3	approved
TP-030053	LS from OMA IOP WG to T1 cc T, T2 on common test specifications for applications and services	OMA IOP WG (OMA-TP-2002-0133-resp to 3GPP T1)	4.2	noted
TP-030054	LS from SA5 to T2 cc GSMA BARG CPWP, SA, T on Alignment of MMS Message Size definition	SA5 (S5-034160)	4.1	noted
TP-030055	LS from SA5 to OMA Requirements Group cc SA, SA3, T, T2, T3 on OMA Device Management Requirements document	SA5 (S5-032133)	4.1	noted
TP-030056	LS from SA2 to T2 cc T on T2 GUP Co-ordination Progress Report to SA2	SA2 (S2-031000)	4.1	noted
TP-030057	CRs to lists of specs, frozen Releases for information	MCC	7	noted
TP-030058	Specs status list prior to TSGs#19	MCC	7	noted
TP-030059	TSG-T elections: nomination of Dr. Sang-Keun Park	Samsung Electronics	6	noted
TP-030060	TSG-T elections: nomination of Ed Ehrlich	Nokia	6	noted
TP-030061	TSG-T elections: nomination of Kevin Holley	mmO2	6	noted
TP-030062	Report (draft) from TSG-T #18 (New Orleans, 4 – 6 December 2002)	TSG-T Secretary	3	approved
TP-030063	Support of MMS Rel-6 WID items	T2 chairman	5.2.5	noted
TP-030064	Discussion on IPv6 utilisation within IMS	mmO2	10	noted
TP-030065	LS from OMA-REQ to SA4, T2 cc T3 on User Equipment Management	OMA Req. Group (OMA-REQ-2003-0130-3GPP-S5-LS)	4.1	noted
TP-030066	CR 27.007 CR094 rev 1 Clarification in the behaviour of AT+CGCLASS	T2 SWG2 chair	5.2.3	noted
TP-030067	CRs 27.007 94 rev1, 95 rev1, 96 rev1, 97 rev1 Clarification in the behaviour of AT+CGCLASS	T2 SWG2 chair	5.2.3	approved
TP-030068	Improving Cooperation Between 3GPP and OMA	Nortel	10	noted
TP-030069	Specifications not yet under change control, but pertaining to frozen Releases	MCC	7	noted
TP-030070	T3 draft meeting report	T3 secretary	5.3.1	noted
TP-030071	CRs 27.007 Correction of AT+WS46 parameter values	T2 SWG2 chair	5.2.3	approved

ANNEX D List of change requests presented to TSG-T #19

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	Release	Subject	Cat	Version - Current	Version -New	WG-Responsible	Doc-2nd-Level	Workitem
TP-030043	approved	34.108	172	-	R99	RAB Removal from R99 TS 34.108 as T1S030001rev1	F	3.10.0	3.11.0	T1	T1-030036	
TP-030043	approved	34.108	174	-	R99	Combine all Radio Bearer Setup messages into one table	F	3.10.0	3.11.0	T1	T1-030039	
TP-030043	approved	34.108	176	-	R99	Corrections to SB and SIB configurations in clause 6.1 as T1S030045rev1	F	3.10.0	3.11.0	T1	T1-030041	
TP-030043	approved	34.108	178	-	R99	Correction to TS34.108 R99 ; PAGING TYPE1 message (Packet in PS)	F	3.10.0	3.11.0	T1	T1-030043	
TP-030043	approved	34.108	180	-	R99	Clarification of authentication test algorithm and GSM cipher key	F	3.10.0	3.11.0	T1	T1-030045	
TP-030043	approved	34.108	182	-	R99	Addition of simulated network environment for inter-RAT test cases	F	3.10.0	3.11.0	T1	T1-030047	
TP-030043	approved	34.108	184	-	R99	Corrections to SIB1 to align with default values for LAC and RAC in 51.010-1	F	3.10.0	3.11.0	T1	T1-030049	
TP-030043	approved	34.108	186	-	R99	Addition of default inter-RAT handover messages	F	3.10.0	3.11.0	T1	T1-030051	
TP-030043	approved	34.108	188	-	R99	Correction of activation time IEs in default messages	F	3.10.0	3.11.0	T1	T1-030053	
TP-030043	approved	34.108	190	-	R99	Correction to default SECURITY MODE COMMAND message	F	3.10.0	3.11.0	T1	T1-030055	
TP-030043	approved	34.108	192	-	R99	Addition of option for UL CM only in default reference CM patterns	F	3.10.0	3.11.0	T1	T1-030057	
TP-030043	approved	34.108	194	-	R99	Introduction of a reference RB configuration for RMC for BTFD tests (R99)	F	3.10.0	3.11.0	T1	T1-030059	
TP-030043	approved	34.108	196	-	R99	Update of the RRC connection request messages in 34.108 R99	F	3.10.0	3.11.0	T1	T1-030062	
TP-030043	approved	34.108	198	-	Rel-4	Introduction of Conversational PS RABs in Rel 4 TS 34.108 as T1S030003rev1	F	4.5.0	4.6.0	T1	T1-030107	TEI
TP-030043	approved	34.108	200	-	Rel-4	Update of default parameters for 1 to 8 cell environments (TDD), clause 6.1.4, Rel 4	A	4.5.0	4.6.0	T1	T1-030208	TEI
TP-030043	approved	34.108	202	-	Rel-4	Update of Multi-cell environment for default radio conditions (TDD), clause 6.1.6 (Inclusion of cell 4), Rel 4	A	4.5.0	4.6.0	T1	T1-030210	TEI
TP-030043	approved	34.108	204	-	Rel-4	Modification to Generic Registration Procedures	A	4.5.0	4.6.0	T1	T1-030222	TEI
TP-030043	approved	34.108	206	-	Rel-4	Update of default configurations to enable testing of low end UE	A	4.5.0	4.6.0	T1	T1-030228	TEI
TP-030044	approved	34.108	173	-	Rel-4	RAB Removal from Rel 4 TS 34.108 as T1S030002rev1	A	4.5.0	4.6.0	T1	T1-030037	TEI
TP-030044	approved	34.108	175	-	Rel-4	Combine all Radio Bearer Setup messages into one table	A	4.5.0	4.6.0	T1	T1-030040	TEI
TP-030044	approved	34.108	177	-	Rel-4	Corrections to SB and SIB configurations in clause 6.1 as T1S030046rev1	A	4.5.0	4.6.0	T1	T1-030042	TEI
TP-030044	approved	34.108	179	-	Rel-4	Correction to TS34.108 Rel-4 ; PAGING TYPE1 message (Packet in PS)	A	4.5.0	4.6.0	T1	T1-030044	TEI
TP-030044	approved	34.108	181	-	Rel-4	Clarification of authentication test algorithm and GSM cipher key	A	4.5.0	4.6.0	T1	T1-030046	TEI
TP-030044	approved	34.108	183	-	Rel-4	Addition of simulated network environment for inter-RAT test cases	A	4.5.0	4.6.0	T1	T1-030048	TEI
TP-030044	approved	34.108	185	-	Rel-4	Corrections to SIB1 to align with default values for LAC and RAC in 51.010-1.	A	4.5.0	4.6.0	T1	T1-030050	TEI
TP-030044	approved	34.108	187	-	Rel-4	Addition of default inter-RAT handover messages	A	4.5.0	4.6.0	T1	T1-030052	TEI

TP-030044	approved	34.108	189	-	Rel-4	Correction of activation time IEs in default messages	A	4.5.0	4.6.0	T1	T1-030054	TEI
TP-030044	approved	34.108	191	-	Rel-4	Correction to default SECURITY MODE COMMAND message	A	4.5.0	4.6.0	T1	T1-030056	TEI
TP-030044	approved	34.108	193	-	Rel-4	Addition of option for UL CM only in default reference CM patterns	A	4.5.0	4.6.0	T1	T1-030058	TEI
TP-030044	approved	34.108	195	-	Rel-4	Introduction of a reference RB configuration for RMC for BTFD tests (Rel4)	A	4.5.0	4.6.0	T1	T1-030060	TEI
TP-030044	approved	34.108	197	-	Rel-4	Update of the RRC connection request messages in 34.108 Rel4	A	4.5.0	4.6.0	T1	T1-030063	TEI
TP-030044	approved	34.108	199	-	R99	Update of default parameters for 1 to 8 cell environments (TDD), clause 6.1.4, Rel 99	F	3.10.0	3.11.0	T1	T1-030131	
TP-030044	approved	34.108	201	-	R99	Update of Multi-cell environment for default radio conditions (TDD), clause 6.1.6 (Inclusion of cell 4), Rel 99	F	3.10.0	3.11.0	T1	T1-030209	
TP-030044	approved	34.108	203	-	R99	Modification to Generic Registration Procedures	F	3.10.0	3.11.0	T1	T1-030221	
TP-030044	approved	34.108	205	-	R99	Update of default configurations to enable testing of low end UE	F	3.10.0	3.11.0	T1	T1-030227	
TP-030045	approved	34.121	235	-	R99	CR 34.121 on P-CCPCH RSCP test case for FDD to TDD handover	F	3.11.0	3.12.0	T1	T1-030171	
TP-030045	approved	34.121	236	-	R99	CR 34.121 on Correct reporting of TDD inter-frequency neighbours in AWGN test case	F	3.11.0	3.12.0	T1	T1-030172	
TP-030045	approved	34.121	237	-	R99	CR 34.121 on Correction for minimum requirement of UE transmitted power test case	F	3.11.0	3.12.0	T1	T1-030173	
TP-030045	approved	34.121	238	-	R99	CR 34.121 on Removal of 34.123-1 Annex A reference	F	3.11.0	3.12.0	T1	T1-030174	
TP-030045	approved	34.121	239	-	R99	CR 34.121 on Correction of UE parameter for Correct behaviour at Time-out test case	F	3.11.0	3.12.0	T1	T1-030175	
TP-030045	approved	34.121	240	-	R99	CR 34.121 on Correction of Out-of-synchronisation handling of output power test case	F	3.11.0	3.12.0	T1	T1-030178	
TP-030045	approved	34.121	241	-	R99	CR 34.121 on Removal of uplink dummy DCCH transmission function in UE	F	3.11.0	3.12.0	T1	T1-030179	
TP-030045	approved	34.121	242	-	R99	CR 34.121 on Correction for Combining of TPC commands from radio links of different radio link sets test case	F	3.11.0	3.12.0	T1	T1-030186	
TP-030046	approved	34.122	124	-	R99	CR 34.122 on RRC connection re-establishment test cases Rel99	F	3.10.0	3.11.0	T1	T1-030135	
TP-030046	approved	34.122	125	-	Rel-4	CR 34.122 on RRC connection re-establishment test cases Rel4	A	4.6.0	4.7.0	T1	T1-030136	TEI
TP-030046	approved	34.122	126	-	R99	CR 34.122 on Transport Format Combination Selection test case Rel99	F	3.10.0	3.11.0	T1	T1-030137	
TP-030046	approved	34.122	127	-	Rel-4	CR 34.122 on Transport Format Combination Selection test case Rel4	A	4.6.0	4.7.0	T1	T1-030138	TEI
TP-030046	approved	34.122	128	-	R99	CR 34.122 on Timing Advance test case Rel99	F	3.10.0	3.11.0	T1	T1-030139	
TP-030046	approved	34.122	129	-	Rel-4	CR 34.122 on Timing Advance test case Rel4	A	4.6.0	4.7.0	T1	T1-030140	TEI
TP-030046	approved	34.122	130	-	R99	CR 34.122 on Event-triggered reporting in AWGN test case Rel99	F	3.10.0	3.11.0	T1	T1-030141	
TP-030046	approved	34.122	131	-	Rel-4	CR 34.122 on Event-triggered reporting in AWGN test case Rel4	A	4.6.0	4.7.0	T1	T1-030142	TEI
TP-030046	approved	34.122	132	-	R99	CR 34.122 on Event 1H and 1I triggered reporting in AWGN propagation condition test case Rel99	F	3.10.0	3.11.0	T1	T1-030143	
TP-030046	approved	34.122	133	-	Rel-4	CR 34.122 on Event 1H and 1I triggered reporting in AWGN propagation condition test case Rel4	A	4.6.0	4.7.0	T1	T1-030144	TEI
TP-030046	approved	34.122	134	-	R99	CR 34.122 on Correct reporting of neighbours in fading propagation condition test case Rel99	F	3.10.0	3.11.0	T1	T1-030145	
TP-030046	approved	34.122	135	-	Rel-4	CR 34.122 on Correct reporting of neighbours in fading propagation condition test case Rel4	A	4.6.0	4.7.0	T1	T1-030146	TEI
TP-030046	approved	34.122	136	-	R99	CR 34.122 on Correct reporting of TDD inter-frequency neighbours in AWGN propagation condition test case Rel99	F	3.10.0	3.11.0	T1	T1-030147	
TP-030046	approved	34.122	137	-	Rel-4	CR 34.122 on Correct reporting of TDD inter-frequency neighbours in AWGN propagation condition test case Rel4	A	4.6.0	4.7.0	T1	T1-030148	TEI
TP-030046	approved	34.122	138	-	R99	CR 34.122 on Correct reporting of FDD inter-frequency neighbours in AWGN	F	3.10.0	3.11.0	T1	T1-030149	

						propagation condition test case Rel99						
TP-030046	approved	34.122	139	-	Rel-4	CR 34.122 on Correct reporting of FDD inter-frequency neighbours in AWGN propagation condition test case Rel4	A	4.6.0	4.7.0	T1	T1-030150	TEI
TP-030046	approved	34.122	140	-	R99	CR 34.122 on Corrections to TDD Cell Reselection and Handover Test Cases Rel99	F	3.10.0	3.11.0	T1	T1-030151	
TP-030046	approved	34.122	141	-	Rel-4	CR 34.122 on Corrections to TDD Cell Reselection and Handover Test Cases Rel4	A	4.6.0	4.7.0	T1	T1-030152	TEI
TP-030046	approved	34.122	142	-	R99	CR 34.122 on CPICH RSCP Measurement test case Rel99	F	3.10.0	3.11.0	T1	T1-030153	
TP-030046	approved	34.122	143	-	Rel-4	CR 34.122 on CPICH RSCP Measurement test case Rel4	A	4.6.0	4.7.0	T1	T1-030154	TEI
TP-030046	approved	34.122	144	-	R99	CR 34.122 on Timeslot ISCP Measurement test case Rel99	F	3.10.0	3.11.0	T1	T1-030155	
TP-030046	approved	34.122	145	-	Rel-4	CR 34.122 on Timeslot ISCP Measurement test case Rel4	A	4.6.0	4.7.0	T1	T1-030156	TEI
TP-030046	approved	34.122	146	-	R99	CR 34.122 on UTRA carrier RSSI Measurement test case Rel99	F	3.10.0	3.11.0	T1	T1-030157	
TP-030046	approved	34.122	147	-	Rel-4	CR 34.122 on UTRA carrier RSSI Measurement test case Rel4	A	4.6.0	4.7.0	T1	T1-030158	TEI
TP-030046	approved	34.122	148	-	R99	CR 34.122 on SFN-SFN type 1 test case Rel99	F	3.10.0	3.11.0	T1	T1-030159	
TP-030046	approved	34.122	149	-	Rel-4	CR 34.122 on SFN-SFN type 1 test case Rel4	A	4.6.0	4.7.0	T1	T1-030160	TEI
TP-030046	approved	34.122	150	-	R99	CR 34.122 on SFN-CFN observed time difference measurement test case Rel99	F	3.10.0	3.11.0	T1	T1-030161	
TP-030046	approved	34.122	151	-	Rel-4	CR 34.122 on SFN-CFN observed time difference measurement test case Rel4	A	4.6.0	4.7.0	T1	T1-030162	TEI
TP-030046	approved	34.122	152	-	R99	CR 34.122 on TDD-GSM handover case Rel99	F	3.10.0	3.11.0	T1	T1-030163	
TP-030046	approved	34.122	153	-	Rel-4	CR 34.122 on TDD-GSM handover case Rel4	A	4.6.0	4.7.0	T1	T1-030164	TEI
TP-030046	approved	34.122	154	-	R99	CR 34.122 on Correction to Cell Re-selection in CELL_PCH and URA_PCH test cases Rel99	F	3.10.0	3.11.0	T1	T1-030165	
TP-030046	approved	34.122	155	-	Rel-4	CR 34.122 on Correction to Cell Re-selection in CELL_PCH and URA_PCH test cases Rel4	A	4.6.0	4.7.0	T1	T1-030166	TEI
TP-030046	approved	34.122	156	-	R99	CR 34.122 on Reference and measurement performance sSub-sections updates in 34.122 Rel99	F	3.10.0	3.11.0	T1	T1-030167	
TP-030046	approved	34.122	157	-	Rel-4	CR 34.122 on Reference and measurement performance sub-sections updates in 34.122 Rel4	A	4.6.0	4.7.0	T1	T1-030168	TEI
TP-030046	approved	34.122	158	-	R99	CR 34.122 on Corrections to P-CCPCH RSCP test case Rel99	F	3.10.0	3.11.0	T1	T1-030169	
TP-030046	approved	34.122	159	-	Rel-4	CR 34.122 on Corrections to P-CCPCH RSCP test case Rel4	A	4.6.0	4.7.0	T1	T1-030170	TEI
TP-030046	approved	34.122	160	-	R99	CR 34.122 on Statistical testing of RRM delay performance in Annex F.6.2 Rel99	F	3.10.0	3.11.0	T1	T1-030176	
TP-030046	approved	34.122	161	-	Rel-4	CR 34.122 on Statistical testing of RRM delay performance in Annex F.6.2 Rel4	A	4.6.0	4.7.0	T1	T1-030177	TEI
TP-030046	approved	34.122	162	-	Rel-4	CR 34.122 on Addition of LCR Event 1G test	F	4.6.0	4.7.0	T1	T1-030181	LCRTDD
TP-030046	approved	34.122	163	-	Rel-4	CR 34.122 on addition of LCR events 1H and 1I	F	4.6.0	4.7.0	T1	T1-030182	LCRTDD
TP-030046	approved	34.122	164	-	Rel-4	CR 34.122 on addition of LCR neighbour monitoring	F	4.6.0	4.7.0	T1	T1-030183	LCRTDD
TP-030046	approved	34.122	165	-	Rel-4	CR 34.122 on Updates to LCR TDD Hand-over inter and intra frequency test cases	F	4.6.0	4.7.0	T1	T1-030184	LCRTDD
TP-030046	approved	34.122	166	-	Rel-4	CR 34.122 on Updates to tables in the TDD RX performance test	F	4.6.0	4.7.0	T1	T1-030185	LCRTDD
TP-030047	approved	34.123-1	410	-	Rel-5	Clause 7.2.3.24 Polling for status / Operation of timer Timer_Poll_Prohibit (Package 1)	F	5.2.0	5.3.0	T1	T1-030034	TEI
TP-030047	approved	34.123-1	412	-	Rel-5	Corrections to package 4 idle mode test case 6.1.2.9	F	5.2.0	5.3.0	T1	T1-030064	TEI
TP-030047	approved	34.123-1	413	-	Rel-5	Alignment of cell numbering for inter-RAT idle mode test case	F	5.2.0	5.3.0	T1	T1-030065	TEI

TP-030047	approved	34.123-1	414	-	Rel-5	Correction to package 1 RLC test case 7.2.3.18	F	5.2.0	5.3.0	T1	T1-030066	TEI
TP-030047	approved	34.123-1	415	-	Rel-5	Correction to low prio RLC test cases 7.2.2.11, 7.2.3.31 and 7.2.3.32	F	5.2.0	5.3.0	T1	T1-030067	TEI
TP-030047	approved	34.123-1	416	-	Rel-5	Clause 7.2.3.21 Polling for status / Operation of Timer_Poll timer / Timer expiry (Package 1)	F	5.2.0	5.3.0	T1	T1-030068	TEI
TP-030047	approved	34.123-1	417	-	Rel-5	Correction to low prio PDCP test cases 7.3.2.1.2, 7.3.2.2.2, 7.3.2.2.4 and 7.3.2.2.5	F	5.2.0	5.3.0	T1	T1-030069	TEI
TP-030047	approved	34.123-1	455	-	Rel-5	Corrections to generic setup procedure for radio bearer testing	F	5.2.0	5.3.0	T1	T1-030108	TEI
TP-030047	approved	34.123-1	456	-	Rel-5	Corrections to add minimum set of TFCIs to package 1 RB test cases	F	5.2.0	5.3.0	T1	T1-030109	TEI
TP-030047	approved	34.123-1	457	-	Rel-5	Corrections to add minimum set of TFCIs to package 2 RB test cases	F	5.2.0	5.3.0	T1	T1-030110	TEI
TP-030047	approved	34.123-1	458	-	Rel-5	Corrections to add minimum set of TFCIs to package 3 RB test cases	F	5.2.0	5.3.0	T1	T1-030111	TEI
TP-030047	approved	34.123-1	459	-	Rel-5	Generic procedure for radio bearer testing using the DSCH	F	5.2.0	5.3.0	T1	T1-030112	TEI
TP-030047	approved	34.123-1	460	-	Rel-5	Prose for the MultiRAB DSCH Radio bearers test cases	F	5.2.0	5.3.0	T1	T1-030113	TEI
TP-030047	approved	34.123-1	463	-	Rel-5	Inclusion of new test cases for intrafrequency Measurement Control and Report TDD	F	5.2.0	5.3.0	T1	T1-030211	TEI, LCRTDD
TP-030047	approved	34.123-1	464	-	Rel-5	Inclusion of test case for events 1H and 1I (TDD)	F	5.2.0	5.3.0	T1	T1-030212	TEI, LCRTDD
TP-030047	approved	34.123-1	465	-	Rel-5	Addition of test cases for RBs for Interactive or background service based on 34.108	F	5.2.0	5.3.0	T1	T1-030214	LCRTDD
TP-030047	approved	34.123-1	466	-	Rel-5	Addition of test cases for RBs for conversational/speech and interactive or background service based on 34.108	F	5.2.0	5.3.0	T1	T1-030215	LCRTDD
TP-030047	approved	34.123-1	467	-	Rel-5	Addition of test cases for RBs for conversational/speech and streaming/unknown or conversational/Unknown service based on 34.108	F	5.2.0	5.3.0	T1	T1-030216	LCRTDD
TP-030047	approved	34.123-1	468	-	Rel-5	Addition of test cases for RBs for conversational/unknown and Interactive or background service based on 34.108	F	5.2.0	5.3.0	T1	T1-030217	LCRTDD
TP-030047	approved	34.123-1	469	-	Rel-5	Addition of test case for RB for Interactive or/background and streaming/unknown service and test case for RB for combinations on S-CCPCH based on 34.108	F	5.2.0	5.3.0	T1	T1-030218	LCRTDD
TP-030048	approved	34.123-1	409	-	Rel-5	Clause 8.3.1.1 Cell Update: cell reselection in CELL_FACH(Package1) as T1S0300015rev1	F	5.2.0	5.3.0	T1	T1-030033	TEI
TP-030048	approved	34.123-1	418	-	Rel-5	Correction to package 1 RRC Test Case 8.1.1.1	F	5.2.0	5.3.0	T1	T1-030070	TEI
TP-030048	approved	34.123-1	419	-	Rel-5	Correction to TS 34.123-1 Package1; Radio Bearer Establishment procedure	F	5.2.0	5.3.0	T1	T1-030071	TEI
TP-030048	approved	34.123-1	420	-	Rel-5	Corrections to Package 1 RRC test cases	F	5.2.0	5.3.0	T1	T1-030072	TEI
TP-030048	approved	34.123-1	421	-	Rel-5	Corrections to Package 2 RRC test cases	F	5.2.0	5.3.0	T1	T1-030073	TEI
TP-030048	approved	34.123-1	422	-	Rel-5	Update to test cases 8.2.4.3 and 8.2.4.4(Package 2)	F	5.2.0	5.3.0	T1	T1-030074	TEI
TP-030048	approved	34.123-1	423	-	Rel-5	Corrections to Early UE Specific Information in RRC Connection Request (Package 1)	F	5.2.0	5.3.0	T1	T1-030075	TEI
TP-030048	approved	34.123-1	424	-	Rel-5	Corrections to package 2 test case 8.1.10.1	F	5.2.0	5.3.0	T1	T1-030076	TEI
TP-030048	approved	34.123-1	425	-	Rel-5	Corrections to package 3 RRC test case 8.4.1.40	F	5.2.0	5.3.0	T1	T1-030077	TEI
TP-030048	approved	34.123-1	426	-	Rel-5	Corrections to package 4 test cases on Inter system handover	F	5.2.0	5.3.0	T1	T1-030078	TEI
TP-030048	approved	34.123-1	427	-	Rel-5	Corrections to package 4 test cases on RRC Direct transfer	F	5.2.0	5.3.0	T1	T1-030079	TEI
TP-030048	approved	34.123-1	428	-	Rel-5	Correction to package 1 RRC Test Case 8.1.1.7	F	5.2.0	5.3.0	T1	T1-030080	TEI
TP-030048	approved	34.123-1	429	-	Rel-5	Corrections to package 4 test cases on RRC connection establishment and release	F	5.2.0	5.3.0	T1	T1-030081	TEI
TP-030048	approved	34.123-1	430	-	Rel-5	Corrections to package 4 test cases on Physical Channel Reconfiguration	F	5.2.0	5.3.0	T1	T1-030082	TEI
TP-030048	approved	34.123-1	431	-	Rel-5	Corrections to package 4 test cases on RB establishment	F	5.2.0	5.3.0	T1	T1-030083	TEI

TP-030048	approved	34.123-1	432	-	Rel-5	Corrections to package 4 test cases on TrCH reconfiguration	F	5.2.0	5.3.0	T1	T1-030084	TEI
TP-030048	approved	34.123-1	433	-	Rel-5	Corrections to package 4 test cases on RRC Connection mobility	F	5.2.0	5.3.0	T1	T1-030085	TEI
TP-030048	approved	34.123-1	434	-	Rel-5	New test cases for security	F	5.2.0	5.3.0	T1	T1-030086	TEI
TP-030048	approved	34.123-1	435	-	Rel-5	Removal of low priority RRC test cases with state transition	F	5.2.0	5.3.0	T1	T1-030087	TEI
TP-030048	approved	34.123-1	436	-	Rel-5	Corrections to clause 8.2.2.20	F	5.2.0	5.3.0	T1	T1-030088	TEI
TP-030048	approved	34.123-1	437	-	Rel-5	Addition of re-run statements when it is failed in cell reselection	F	5.2.0	5.3.0	T1	T1-030089	TEI
TP-030048	approved	34.123-1	438	-	Rel-5	Corrections to package 4 test cases on RB release	F	5.2.0	5.3.0	T1	T1-030090	TEI
TP-030048	approved	34.123-1	439	-	Rel-5	Corrections to package 4 test cases on RB reconfiguration	F	5.2.0	5.3.0	T1	T1-030091	TEI
TP-030048	approved	34.123-1	440	-	Rel-5	Corrections to package 4 test cases on Measurements	F	5.2.0	5.3.0	T1	T1-030092	TEI
TP-030048	approved	34.123-1	441	-	Rel-5	Corrections to Low Priority RRC test cases	F	5.2.0	5.3.0	T1	T1-030093	TEI
TP-030048	approved	34.123-1	442	-	Rel-5	Correction to clause 8.1.6.4 and 8.1.9a/b as T1S-020628rev1	F	5.2.0	5.3.0	T1	T1-030094	TEI
TP-030048	approved	34.123-1	451	-	Rel-5	Corrections to package 4 test cases on RRC Security	F	5.2.0	5.3.0	T1	T1-030103	TEI
TP-030048	approved	34.123-1	471	-	Rel-5	Correction to package 1 RRC Test Case 8.1.2.7	F	5.2.0	5.3.0	T1	T1-030242	TEI
TP-030049	approved	34.123-1	408	-	Rel-5	Corrections to GMM Package 1 test cases as T1S030012rev1	F	5.2.0	5.3.0	T1	T1-030032	TEI
TP-030049	approved	34.123-1	411	-	Rel-5	on Correction to package 4 GMM test case 12.6.1.3.3 Authentication Rejected by the UE / fraudulent network	F	5.2.0	5.3.0	T1	T1-030038	TEI
TP-030049	approved	34.123-1	443	-	Rel-5	Corrections to package 4 test cases on CC	F	5.2.0	5.3.0	T1	T1-030095	TEI
TP-030049	approved	34.123-1	444	-	Rel-5	Correction to Tables 10.1.3/2 and 10.1.3/4	F	5.2.0	5.3.0	T1	T1-030096	TEI
TP-030049	approved	34.123-1	445	-	Rel-5	Corrections to package 4 test cases on MM	F	5.2.0	5.3.0	T1	T1-030097	TEI
TP-030049	approved	34.123-1	446	-	Rel-5	Correction to low priority TC 12.4.3.2 Periodic routing area updating / accepted / T3312 default value	F	5.2.0	5.3.0	T1	T1-030098	TEI
TP-030049	approved	34.123-1	447	-	Rel-5	Introduction of a new test case for a PSdetach procedure with the cause "PS services not allowed in this PLMN"	F	5.2.0	5.3.0	T1	T1-030099	TEI
TP-030049	approved	34.123-1	448	-	Rel-5	Corrections to package 4 test cases on GMM as T1S030221rev1	F	5.2.0	5.3.0	T1	T1-030100	TEI
TP-030049	approved	34.123-1	449	-	Rel-5	Corrections to package 1 GMM Test Cases	F	5.2.0	5.3.0	T1	T1-030101	TEI
TP-030049	approved	34.123-1	450	-	Rel-5	Corrections to package 4 GMM test cases on RAB re-establishment	F	5.2.0	5.3.0	T1	T1-030102	TEI
TP-030049	approved	34.123-1	452	-	Rel-5	Correction to Low Prio SM test case 11.2.3.2	F	5.2.0	5.3.0	T1	T1-030104	TEI
TP-030049	approved	34.123-1	453	-	Rel-5	Maintenance of low priority test case 11.1.2 PDP context activation requested by the network, successful and unsuccessful	F	5.2.0	5.3.0	T1	T1-030105	TEI
TP-030049	approved	34.123-1	454	-	Rel-5	Correction to package 3 test case 16.1.2 SMS mobile originated	F	5.2.0	5.3.0	T1	T1-030106	TEI
TP-030049	approved	34.123-1	461	-	Rel-5	Update of Conformance requirement and Expected sequence in test case 11.1.1.2.1 (Package 3) as T1S030104rev1	F	5.2.0	5.3.0	T1	T1-030114	TEI
TP-030049	approved	34.123-1	462	-	Rel-5	Update of Conformance requirement and Expected sequence in test case 11.1.1.2.2 (Package 4) as T1S030105rev1	F	5.2.0	5.3.0	T1	T1-030115	TEI
TP-030049	approved	34.123-1	470	-	Rel-5	Correction to GMM Package 2 test cases	F	5.2.0	5.3.0	T1	T1-030236	TEI
TP-030050	approved	34.123-2	095	-	Rel-5	Update of Applicability statement for GMM	F	5.2.0	5.3.0	T1	T1-030116	TEI
TP-030050	approved	34.123-2	096	-	Rel-5	Update of test case applicability	F	5.2.0	5.3.0	T1	T1-030117	TEI
TP-030050	approved	34.123-2	097	-	Rel-5	Correction of conditions C30, C31 and C32 used in clause 16.2	F	5.2.0	5.3.0	T1	T1-030118	TEI
TP-030050	approved	34.123-2	098	-	Rel-5	Update to Applicability Table for Package 1 Test Cases	F	5.2.0	5.3.0	T1	T1-030119	TEI
TP-030050	approved	34.123-2	099	-	Rel-5	Inclusion of new test cases for Measurement Control and Report TDD in applicability table	F	5.2.0	5.3.0	T1	T1-030213	TEI, LCRTDD
TP-030050	approved	34.123-2	100	-	Rel-5	Update of applicability table including test case for events 1H and 1I	F	5.2.0	5.3.0	T1	T1-030219	TEI, LCRTDD

TP-030050	approved	34.123-2	101	-	Rel-5	Addition of new TCs to table 1 applicability of tests	F	5.2.0	5.3.0	T1	T1-030220	LCRTDD
TP-030051	approved	34.123-3	001	-	R99	Change to test case 9.2.3 required for approval	F	3.0.0	3.1.0	T1	T1-030120	
TP-030051	approved	34.123-3	002	-	R99	Change to test case 9.2.4 required for approval	F	3.0.0	3.1.0	T1	T1-030121	
TP-030051	approved	34.123-3	003	-	R99	Change to test case 10.1.3.4.1 required for approval	F	3.0.0	3.1.0	T1	T1-030122	
TP-030051	approved	34.123-3	004	-	R99	Inclusion of RLC test case 7.2.2.3 to RLC ATS V3.0.0	F	3.0.0	3.1.0	T1	T1-030123	
TP-030051	approved	34.123-3	005	-	R99	Inclusion of RLC test case 7.2.2.4 to RLC ATS V3.0.0	F	3.0.0	3.1.0	T1	T1-030124	
TP-030051	approved	34.123-3	006	-	R99	Inclusion of RLC test case 7.2.2.7 to RLC ATS V3.0.0	F	3.0.0	3.1.0	T1	T1-030125	
TP-030051	approved	34.123-3	007	-	R99	Inclusion of RLC test case 7.2.3.4 to RLC ATS V3.0.0	F	3.0.0	3.1.0	T1	T1-030126	
TP-030051	approved	34.123-3	008	-	R99	Inclusion of RLC test case 7.2.3.5 to RLC ATS V3.0.0	F	3.0.0	3.1.0	T1	T1-030127	
TP-030051	approved	34.123-3	009	-	R99	Changes to TS34.123-3 V200 to introduce TC_8_1_1_4	F	3.0.0	3.1.0	T1	T1-030128	
TP-030051	approved	34.123-3	010	-	R99	TTCN changes to the approved test cases in V300	F	3.0.0	3.1.0	T1	T1-030129	
TP-030051	approved	34.123-3	011	1	R99	CR 34.123-3, V300 as T1S030009rev1	F	3.0.0	5.0.0	T1	T1-030260	
TP-030051	approved	34.123-3	012	-	R99	Introducing Test Case 8.1.2.7	F	3.0.0	3.1.0	T1	T1-030245	
TP-030051	approved	34.123-3	013	-	R99	Introduction of Test Case 8.2.1.1	F	3.0.0	3.1.0	T1	T1-030246	
TP-030051	approved	34.123-3	014	-	R99	Introduction of Test Case 8.2.3.1	F	3.0.0	3.1.0	T1	T1-030247	
TP-030051	approved	34.123-3	015	-	R99	Addition of RRC test case 8.1.9 to RRC ATS V3.0.0	F	3.0.0	3.1.0	T1	T1-030248	
TP-030039	approved	23.140	115	-	Rel-5	Correcting definition of MM7 Version	F	5.5.0	5.6.0	T2	T2-030193	MESS5-MMS
TP-030039	approved	23.140	116	-	Rel-6	Correcting definition of MM7 Version	A	6.0.0	6.1.0	T2	T2-030194	MMS6
TP-030037	approved	07.07	A91	-	R98	Correction ATV0 result codes	F	7.7.0	7.8.0	T2	T2-030140	TEI
TP-030037	revised	27.007	094	-	R99	Clarification in the behaviour of AT+CGCLASS	F	3.12.0		T2	T2-030118	TEI
TP-030037	revised	27.007	095	-	Rel-4	Clarification in the behaviour of AT+CGCLASS	A	4.5.0		T2	T2-030100	TI-ATC
TP-030037	revised	27.007	096	-	Rel-5	Clarification in the behaviour of AT+CGCLASS	A	5.2.0		T2	T2-030101	TEI5
TP-030037	revised	27.007	097	-	Rel-6	Clarification in the behaviour of AT+CGCLASS	A	6.1.0		T2	T2-030102	TEI6
TP-030037	approved	27.007	098	-	R99	Correction ATV0 result codes	A	3.12.0	3.13.0	T2	T2-030141	TEI
TP-030037	approved	27.007	099	-	Rel-4	Correction ATV0 result codes	A	4.5.0	4.6.0	T2	T2-030142	TI-ATC
TP-030037	approved	27.007	100	-	Rel-5	Correction ATV0 result codes	A	5.2.0	5.3.0	T2	T2-030143	TEI5
TP-030037	approved	27.007	101	-	Rel-6	Correction ATV0 result codes	A	6.1.0	6.2.0	T2	T2-030144	TEI6
TP-030037	revised	27.007	102	-	R99	Correction of AT+WS46 parameter values.	F	3.12.0		T2	T2-030152	TEI
TP-030037	revised	27.007	103	-	Rel-4	Correction of AT+WS46 parameter values.	A	4.5.0		T2	T2-030153	TI-ATC
TP-030037	revised	27.007	104	-	Rel-5	Correction of AT+WS46 parameter values.	A	5.2.0		T2	T2-030154	TEI5
TP-030037	revised	27.007	105	-	Rel-6	Correction of AT+WS46 parameter values.	A	6.1.0		T2	T2-030155	TEI6
TP-030037	rejected	27.007	106	-	R99	AT +CGEQREQ - Required Parameters for Streaming / Conversational Traffic Class	F	3.12.0		T2	T2-030157	TEI
TP-030037	rejected	27.007	107	-	Rel-4	AT +CGEQREQ - Required Parameters for Streaming / Conversational Traffic Class	A	4.5.0		T2	T2-030158	TI-ATC
TP-030037	approved	27.007	108	-	Rel-5	AT +CGEQREQ - Required Parameters for Streaming / Conversational Traffic Class	A	5.2.0	5.3.0	T2	T2-030159	TEI5
TP-030037	approved	27.007	109	-	Rel-6	AT +CGEQREQ - Required Parameters for Streaming / Conversational Traffic Class	A	6.1.0	6.2.0	T2	T2-030180	TEI6
TP-030038	approved	23.041	012	-	Rel-4	CB Data length	F	4.3.0	4.4.0	T2	T2-030086	TEI4

TP-030038	approved	23.041	013	-	Rel-5	CB Data length	A	5.0.0	5.1.0	T2	T2-030087	TEI5
TP-030038	approved	23.041	014	-	Rel-6	CB Data length	A	6.0.0	6.1.0	T2	T2-030088	TEI6
TP-030039	approved	23.140	100	-	Rel-5	Transferring distribution indicator as part of message retrieval	F	5.5.0	5.6.0	T2	T2-030052	MESS5-MMS
TP-030039	approved	23.140	101	-	Rel-6	Transferring distribution indicator as part of message retrieval	A	6.0.0	6.1.0	T2	T2-030186	MMS6
TP-030039	approved	23.140	102	1	Rel-4	Conditional Usage of the Message-ID in MM1_Retrieve.RES	F	4.8.0	4.9.0	T2	T2-030123	MMS
TP-030039	approved	23.140	103	-	Rel-5	Conditional Usage of the Message-ID in MM1_Retrieve.RES	F	5.5.0	5.6.0	T2	T2-030121	MESS5-MMS
TP-030039	approved	23.140	104	-	Rel-6	Conditional Usage of the Message-ID in MM1_Retrieve.RES	A	6.0.0	6.1.0	T2	T2-030122	MMS6
TP-030039	approved	23.140	105	-	Rel-6	Recipient Handling on MM4	C	6.0.0	6.1.0	T2	T2-030068	MMS6
TP-030039	approved	23.140	106	-	Rel-5	Support of the "Bcc:" information element in the MM4 reference point.	F	5.5.0	5.6.0	T2	T2-030077	MESS5-MMS
TP-030039	approved	23.140	107	-	Rel-4	MMS UA behaviour regarding the MMS parameters on the (U)SIM	F	4.8.0	4.9.0	T2	T2-030093	MMS
TP-030039	approved	23.140	108	-	Rel-5	MM1 MMBBox View Clarifications	F	5.5.0	5.6.0	T2	T2-030124	MESS5-MMS
TP-030039	approved	23.140	109	-	Rel-6	MM1 MMBBox View Clarifications	A	6.0.0	6.1.0	T2	T2-030125	MMS6
TP-030039	approved	23.140	110	-	Rel-4	MM4_Read_reply_report processing refers to an incorrect message	F	4.8.0	4.9.0	T2	T2-030129	MMS
TP-030039	approved	23.140	111	-	Rel-5	MM4_Read_reply_report processing refers to an incorrect message	A	5.5.0	5.6.0	T2	T2-030130	MESS5-MMS
TP-030039	approved	23.140	112	-	Rel-6	MM4_Read_reply_report processing refers to an incorrect message	A	6.0.0	6.1.0	T2	T2-030131	MMS6
TP-030039	approved	23.140	113	-	Rel-5	Addition of missing field in table K6	F	5.5.0	5.6.0	T2	T2-030132	MESS5-MMS
TP-030039	approved	23.140	114	-	Rel-6	Addition of missing field in table K6	A	6.0.0	6.1.0	T2	T2-030133	MMS6
TP-030066	withdrawn	27.007	094	1	R99	Clarification in the behaviour of AT+CGCLASS	F	3.12.0		T2	T2-030118	TEI
TP-030067	approved	27.007	094	1	R99	Clarification in the behaviour of AT+CGCLASS	F	3.12.0	3.13.0	T2		TEI
TP-030067	approved	27.007	095	1	Rel-4	Clarification in the behaviour of AT+CGCLASS	A	4.5.0	4.6.0	T2		TI-ATC
TP-030067	approved	27.007	096	1	Rel-5	Clarification in the behaviour of AT+CGCLASS	A	5.2.0	5.3.0	T2		TEI5
TP-030067	approved	27.007	097	1	Rel-6	Clarification in the behaviour of AT+CGCLASS	A	6.1.0	6.2.0	T2		TEI6
TP-030071	approved	27.007	102	1	R99	Correction of AT+WS46 parameter values.	F	3.12.0	3.13.0	T2		TEI
TP-030071	approved	27.007	103	1	Rel-4	Correction of AT+WS46 parameter values.	A	4.5.0	4.6.0	T2		TI-ATC
TP-030071	approved	27.007	104	1	Rel-5	Correction of AT+WS46 parameter values.	A	5.2.0	5.3.0	T2		TEI5
TP-030071	approved	27.007	105	1	Rel-6	Correction of AT+WS46 parameter values.	A	6.1.0	6.2.0	T2		TEI6
TP-030017	rejected	11.11	A134	-	R99	CR to delete Elementary File EFRPLMNAcT, in accordance with TP-020168 from TP#16 in Marco Island.	F	8.9.0		T3	T3-030173	TEI
TP-030017	approved	51.011	017	-	Rel-4	Correction of reference to GSM 11.14 (R4 is TS 51.014)	F	4.6.0	4.7.0	T3	T3-030145	TEI
TP-030017	approved	51.011	018	-	Rel-4	CR 51.011 Rel-4: Example for MMS connectivity parameters	F	4.6.0	4.7.0	T3	T3-030151	TEI
TP-030017	rejected	51.011	019	-	Rel-4	CR to delete Elementary File EFRPLMNAcT, in accordance with TP-020168 from T Plenary in Marco Island.	F	4.6.0		T3	T3-030174	TEI
TP-030018	rejected	31.102	130	1	Rel-6	Miscellaneous corrections on files	D	6.0.0		T3	T3-030188	TEI
TP-030018	approved	31.102	131	-	Rel-4	CR 31.102 Rel-4: Example for MMS connectivity parameters	F	4.7.0	4.8.0	T3	T3-030148	TEI
TP-030018	approved	31.102	132	-	Rel-5	CR 31.102 Rel-5: Example for MMS connectivity parameters	A	5.3.0	5.4.0	T3	T3-030149	TEI
TP-030018	approved	31.102	133	-	Rel-6	CR 31.102 Rel-6: Example for MMS connectivity parameters	A	6.0.0	6.1.0	T3	T3-030150	TEI
TP-030018	rejected	31.102	134	-	R99	CR to delete Elementary File EFRPLMNAcT, in accordance with TP-020168 from TP#16 in Marco Island.	F	3.11.0		T3	T3-030177	TEI
TP-030018	rejected	31.102	135	-	Rel-4	CR to delete Elementary File EFRPLMNAcT, in accordance with TP-020168 from TP#16 in Marco Island.	A	4.7.0		T3	T3-030178	TEI

TP-030018	rejected	31.102	136	-	Rel-5	CR to delete Elementary File EFRPLMNAcT, in accordance with TP-020168 from TP#16 in Marco Island.	A	5.3.0		T3	T3-030179	TEI
TP-030018	rejected	31.102	137	-	Rel-6	CR to delete Elementary File EFRPLMNAcT, in accordance with TP-020168 from TP#16 in Marco Island.	A	6.0.0		T3	T3-030180	TEI
TP-030018	approved	31.102	138	-	R99	CR to make EF-EXT1 optional in the USIM Phonebook	F	3.11.0	3.12.0	T3	T3-030189	TEI
TP-030018	approved	31.102	139	-	Rel-4	CR to make EF-EXT1 optional in the USIM Phonebook	F	4.7.0	4.8.0	T3	T3-030190	TEI
TP-030018	approved	31.102	140	-	Rel-5	CR to make EF-EXT1 optional in the USIM Phonebook	F	5.3.0	5.4.0	T3	T3-030191	TEI
TP-030018	approved	31.102	141	-	Rel-6	CR to make EF-EXT1 optional in the USIM Phonebook	F	6.0.0	6.1.0	T3	T3-030192	TEI
TP-030019	approved	31.103	005	-	Rel-5	Alignment with the Stage 2 terminology.	F	5.2.0	5.3.0	T3	T3-030167	TEI
TP-030019	approved	31.103	006	-	Rel-6	Alignment with the Stage 2 terminology.	F	6.0.0	6.1.0	T3	T3-030194	TEI
TP-030020	approved	11.14	A216	-	R99	Correction to the lack of specified behaviour when the link drops in Bearer Independent Protocol.	F	8.12.0	8.13.0	T3	T3-030170	TEI
TP-030020	approved	51.014	001	-	Rel-4	Local Links correction	F	4.0.0	4.1.0	T3	T3-030154	TEI
TP-030020	approved	51.014	002	-	Rel-4	Replacement of improper terms "UICC" and "11.11".	F	4.0.0	4.1.0	T3	T3-030153	TEI
TP-030021	approved	31.111	084	-	R99	Device identifies for Browser Termination event, Wild values in response to call control, TLV length handling	F	3.9.0	3.10.0	T3	T3-030120	TEI
TP-030021	approved	31.111	085	-	R99	Icon identifiers handling	F	3.9.0	3.10.0	T3	T3-030122	TEI
TP-030021	approved	31.111	086	-	Rel-5	Correction of the Terminal Profile	F	5.3.0	5.4.0	T3	T3-030155	TEI
TP-030021	approved	31.111	087	-	R99	Correction to the lack of specified behaviour when the link drops in Bearer Independent Protocol.	F	3.9.0	3.10.0	T3	T3-030171	TEI
TP-030021	approved	31.111	088	-	Rel-5	Restructuring of TS 31.111 to be based on ETSI TS 102 223	F	5.3.0	5.4.0	T3	T3-030161	TEI
TP-030021	approved	31.111	089	-	Rel-4	Wild values in response to Call Control and MO Short Message Control envelopes	F	4.9.0	4.10.0	T3	T3-030118	TEI
TP-030021	approved	31.111	090	-	Rel-5	Wild values in response to Call Control and MO Short Message Control envelopes	F	5.3.0	5.4.0	T3	T3-030119	TEI
TP-030021	approved	31.111	091	-	Rel-4	Extended location information	F	4.9.0	4.10.0	T3	T3-030162	TEI
TP-030021	approved	31.111	092	-	Rel-5	Extended location information	A	5.3.0	5.4.0	T3	T3-030163	TEI
TP-030021	approved	31.111	093	-	R99	Cell Broadcast data download in 3G	F	3.9.0	3.10.0	T3	T3-030182	TEI
TP-030021	approved	31.111	094	-	Rel-4	Cell Broadcast data download in 3G	F	4.9.0	4.10.0	T3	T3-030198	TEI
TP-030021	approved	31.111	095	-	Rel-5	Cell Broadcast data download in 3G	F	5.3.0	5.4.0	T3	T3-030199	TEI
TP-030022	approved	31.113	025	-	Rel-5	Several Corrections	F	5.4.0	5.5.0	T3	T3-030126	USAT1-Interpr
TP-030022	approved	31.113	026	-	Rel-6	Several Corrections	F	6.1.0	6.2.0	T3	T3-030127	USAT1-Interpr
TP-030022	approved	31.114	004	-	Rel-5	Correction on Byte Code List Value	F	5.2.0	5.3.0	T3	T3-030128	USAT1-Interpr
TP-030023	approved	31.131	001	-	Rel-6	Editorial Corrections	D	6.0.0	6.1.0	T3	T3-030124	TEI
TP-030024	approved	43.019	030	-	Rel-5	Clarification on EVENT_EVENT_DOWNLOAD_DATA_AVAILABLE and EVENT_EVENT_DOWNLOAD_CHANNEL_STATUS registration	F	5.5.0	5.6.0	T3	T3-030172	TEI
TP-030025	approved	23.048	030	-	Rel-5	Starting directory for the RFM Applications	F	5.5.0	5.6.0	T3	T3-030142	TEI
TP-030025	approved	23.048	031	-	Rel-5	Correction on behaviour for Response Packet	F	5.5.0	5.6.0	T3	T3-030164	TEI
TP-030025	approved	23.048	032	-	Rel-4	Implementation for SMS-CB in 3G	F	4.3.0	4.4.0	T3	T3-030183	TEI
TP-030025	approved	23.048	033	-	Rel-5	Implementation for SMS-CB in 3G	F	5.5.0	5.6.0	T3	T3-030200	TEI
TP-030025	approved	23.048	034	-	Rel-5	Default values assigned to the application for optional parameters if not present in the install(install) command data.	F	5.5.0	5.6.0	T3	T3-030193	TEI
TP-030025	approved	31.116	003	-	Rel-6	Correction on behaviour for Response Packet	A	6.2.0	6.3.0	T3	T3-030166	TEI

TP-030026	approved	11.13	A006	-	R99	Corrections on 11.13 Specificaction	F	8.1.0	8.2.0	T3	T3-030168	TEI
TP-030026	approved	11.13	A007	-	Rel-4	Upgrade of 11.13 Specification to Release 4	F	8.1.0	4.0.0	T3	T3-030169	TEI
TP-030027	approved	11.17	A001	-	R99	Correction of wrong reference to 11.11	F	8.0.0	8.1.0	T3	T3-030139	TEI
TP-030028	approved	31.121	020	-	R99	File size correction	F	3.4.0	3.5.0	T3	T3-030134	TEI
TP-030028	approved	31.121	021	-	Rel-4	File size correction	A	4.3.0	4.4.0	T3	T3-030135	TEI
TP-030028	approved	31.121	022	-	R99	Correction of PLMN coding	F	3.4.0	3.5.0	T3	T3-030136	TEI
TP-030028	approved	31.121	023	-	Rel-4	Correction of PLMN coding	A	4.3.0	4.4.0	T3	T3-030137	TEI
TP-030029	approved	31.122	015	-	R99	Correction to the returned FCP of the SELECT and the STATUS command	F	3.5.0	3.6.0	T3	T3-030138	TEI
TP-030030	approved	31.900	009	-	Rel-5	Clarifying notes to SIM/USIM File Mapping Table	F	5.1.0	5.2.0	T3	T3-030117	TEI

ANNEX E List of approved WIDs

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

Tdoc	Title	Source	Notes / Status
TP-030031	Work Item Description on TR on 2G/3G Java Card™ API based applet inter-working	T3	approved
TP-030052	Revision of T1 Work items including two new work items: WT_41 General changes to TS34.121 and TS34.122 corresponding to Rel-5 WT_42 General changes to TS34.121 corresponding to Rel-4	T1	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	spark@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	Lidia SALMERON	ETSI (3GPP support)	3GPP	salmeron@etsi.fr	+33 4 9294 4349
- RF Sub Working Group					
Chair	vacant				
- Signalling Sub Working Group					
Chair	Dan FOX	Anritsu Ltd	ETSI	dan.fox@eu.anritsu.com	+44 1582 433357
Vice chair	Kazuo HAYASHI	Matsushita	ARIB	kazuo.hayashi@yrp.mci.mei.co.jp	+81 0468 40 5542
TSG-T WG2 (UE capabilities)					
Chair	Ian Harris	Teleca Ltd.	ETSI	ian.harris@teleca.com	+44 1225 481 188
Vice chair	Gunilla Bratt	Ericsson	ETSI	gunilla.bratt@ecs.ericsson.se	+46 46 193 729
Secretary	Friedhelm RODERMUND	MCC (3GPP support)	3GPP	rodermund@etsi.org	+33 4 9294 4324
- Mobile Execution Environment (MExE) (Sub Working Group 1)					
Chair	Lars BRENK	TTPCom	ETSI	lsb@tppcom.com	+45 9631 4646
- UE Capabilities and Interfaces (Sub Working Group 2)					
Chair	Prem SOOD	Sharp	ARIB	pls@sharplabs.com	+1 360 834 8708
- Messaging (Sub Working Group 3)					
Chair	Josef LAUMEN	Siemens	ETSI	josef.laumen@sal.siemens.de	+49 53419062830
TSG-T WG3 (USIM)					
Chair	Nigel BARNES	Motorola	ETSI	nigel.barnes@motorola.com	+44 1256 790 169
Vice chair	Paul JOLIVET	DoCoMo Europe	ETSI	jolivet@docomo.fr	+33 1 5688 3030
Vice chair	Jean-Francois RUBON	GEMPLUS Card International	ETSI	jean-francois.rubon@gemplus.co	+33 442 366639
Secretary	Claus Dietze	MCC (3GPP support)	3GPP	claus.dietze@etsi.fr	+33 4 9294 4290
- API Sub Working Group					
Chair	Paul JOLIVET	DoCoMo Europe	ETSI	jolivet@docomo.fr	+33 1 5688 3030

ANNEX F 3GPP email lists and server information

F.1 General

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

F.2 Email lists

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

F.3 Server location

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

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

F.4 Other useful URLs

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

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