Technical Specification Group

TERMINALS

(TSG-T)

draft v0.3

Meeting Report of TSG-T meeting #22
Maui, Hawaii, USA, 10 - 12 December 2003

Hosted by North American Friends of 3GPP, ARIB, and TTC

Contents

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

1 Opening of the Meeting and reminder for IPR declaration

The meeting was opened by Dr. Sang-Keun PARK at 07:00. On behalf of the hosts, Ed EHRLICH welcomed the delegates to Maui.

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

The chairman made the following call for IPRs:

> The attention of the members of this Technical Specification Group is drawn to the fact **that 3GPP Individual Members have the obligation** under the IPR Policies of their respective Organizational Partners to **inform their respective** Organizational Partners **of Essential IPRs they become aware of**.
>
> The members take note that they are hereby invited:
>
> - to investigate in their company whether their company does own IPRs which are, or are likely to become Essential in respect of the work of the Technical Specification Group.
>
> - to notify the Director-General, or the Chairman of their **respective** Organizational Partners, of all potential IPRs that their company may own, by means of the IPR Statement and the Licensing declaration forms (e.g. see the ETSI IPR forms http://webapp.etsi.org/Ipr/).

2 Approval of Agenda

TP-030231 contains the draft agenda for TSG-T#22. The agenda was approved and can be found in annex A of this report.

3 Approval of the meeting report from TSG-T#21 meeting

TP-030230 contains the draft report from TSG-T#21 (Frankfurt, 17 – 19 September 2003). It was approved.

4 Letters and reports from other groups, LS incoming

4.1 Reports from OP, PCG, TSG SA and others

TP-030232 contains the summary of TSG-SA#21 results related to TSG-T.
The document was noted.

TP-030233 contains the draft report of TSG-SA #21 (Frankfurt, 22 – 25 September 2003).
The report was noted without presentation.

TP-030237 contains the draft report of the 3GPP PCG Meeting#11, held in Boston, 1 October 2003. Meeting cancellation guidelines were agreed which will be incorporated into the Chairman's Survival Guide. Once firm dates and hosting arrangements have been made, a chair may only cancel a meeting providing there is general agreement within the group that the meeting would not be productive and with the consent of the relevant TSG chair. Ideally, the host should agree with this cancellation. PCG approved guidance on when to freeze a Release, noting that the final decision would be a matter of judgement taking into account the information available at that time. Additional support for Working Groups that meet more than four times per year may be provided if there is sufficient budget.

- The PCG is currently looking at the references philosophy to documents which were produced outside 3GPP.

-    T-vice chairman Ed EHRLICH reported that TSG-SA Vice chairman Gary JONES has set-up a channel to the US Department of State regarding the visa issue. It is recommended that delegates start the visa-process 6-8 weeks before the visa is needed. Anybody who has followed the process and still having an problem to obtain the visa should contact Ed EHRLICH who will try to help.

The report was noted.

TP-030236 contains the draft report from the Organizational Partners Meeting#10, held in Boston, 2 October 2003. The further continuation of 3GPP was confirmed by the Partners in accordance with Article 57 of the 3GPP Working Procedures. The recommendations made by 3GPP Heads of Delegation in respect of the funding model for 2004 approved by the Organizational Partners. 3GPP support budget approved by the Partners at 5275 kEUR. 3GPP specific tasks budget approved by the Partners at 754 kEUR. TSG-T received an action to determine how their TTCN resources should be allocated between the FDD and TDD modes taking into account the respective priorities of the work expressed by MRPs and GCF. A call for voluntary contributions in respect of the TTCN work being undertaken within TSG T will be issued. The recommendations made by 3GPP Heads of Delegation in respect of the funding model for 2004 approved by the Organizational Partners

The report was noted.

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

TP-030260 contains an LS from T1 to T cc GERAN on Consideration of emerging issues on maintenance of InterRAT test cases. The LS reports about a confused situation regarding the approval of changes to Inter-RAT tests. T1 accepts that for good reasons the TTCN is best placed in the T1 specifications, in which case the most practical solution would be to move the prose test cases back into TS 34.123-1. T WG1 asks T to reconsider the split of responsibilities for Inter-RAT prose test cases.

The LS was noted.

TP-030240 contains an LS from GERAN to T1 cc T on Consideration of emerging issues on maintenance of Inter RAT test cases. With the current split of work responsibilities, test cases for Inter-RAT Handovers from GERAN to UTRAN are covered in 3GPP TS 51.010 under the responsibility of 3GPP TSG-GERAN WG3. GERAN WG3 is looking at setting up a TTCN CR Approval Process similar to the one followed in T WG1 and would kindly seek TSG T WG1's cooperation to use the current T WG1 TTCN Approval Process.

-    The TSG-GERAN chairman described the details of the envisaged way of handling the issue in GERAN. GERAN will develop a process similar to the T1 TTCN approval process.

The LS was noted.

TP-030241 contains an LS from TSG-SA to 3GPP2 TSG-S, 3GPP2 TSG-X, OMA TP cc TSG-T on proposed workshop on MMS Standardisation Management. TSG-SA asks 3GPP2 and OMA to consider a workshop on MMS Standardisation Management and indicate if they agree on this way forward.

The proposed workshop was held and the conclusions were reported under agenda point 6.3. The LS was noted.

TP-030242 contains an LS from SA1 to TSG-T, SA2, T2, T3 on high bandwidth communication capability for USAT. SA1 confirm that the principal requirement is to provide a higher bandwidth channel to and from USAT, than that currently provided by SMS. Several additional requirements are given in the LS. SA1 agreed that this capability should be mandatory for those Rel-6 UE's that support USAT.

-    It was reported that T2 discussed the issue with T3 and some of T2's comments are reflected in the LS from T3 in TP-030262.
-    SA1 suggest to have the functionality mandatory in Rel-6 (conditional on support of USAT). However, BIP as a possible solution is currently optional. It was concluded that there is no need to make this mandatory.

The LS was noted.

TP-030262 contains an LS reply from T3 to SA, SA1, SA2, T, T2 on MMS as a Bearer for USAT. To help clarify the issue, T3 discussed in detail the issues and requirements mentioned in the related LSs and have defined some possible use cases and their properties to allow the actions to be attributed correctly.

-    It was reported that some CRs were approved at the recent SCP meeting to support the described use cases.

- Regarding use case 2, T3 suggest that the current GPRS BIP specifications allow this use case to be implemented as GPRS BIP with TCP/IP is in the USAT specification since Rel-99. T3 does however observe that there is currently no mechanism to open a channel from the network: On this issue, CRs were submitted to the recent EP SCP meeting, specifically adding "push" capability for BIP..
- Regarding use case 2, part of the SA requirements was to be able not to charge for this. For this it would be required to have a separate charging indicator which allows the operator to deliver this for free via GPRS. However, currently it cannot be concluded that this part of the requirements can be fulfilled.

The LS was noted.

TP-030264 contains an LS from OMA ARC to TSG-T cc OMA DM, OMA MWG, OMA SEC, OMA BAC, OMA REQ on the use of MMS as bearer for USAT. The OMA Architecture Group recommends that TSG-T liaise with the OMA Device Management, Security, and Messaging groups in this matter.

The LS was noted.

TP-030290 contains an LS from SA2 to TSG-T, T2, T3, SA1 on high bandwidth communication capability for USAT. SA2 has discussed briefly the use of MMS as a bearer for USAT and asks to take their discussion into consideration.

- It seems that SA2 has not considered all the details discussed and communicated via LS from the last TSG-T meeting e.g. regarding security in case of a downloaded client.
- If was commented that in this case it might not be appropriate for T3 asking SA1 to make the final decision. TSG-T is having a coordination role in this matter.
- It was suggested that TSG-T endorses T3's use case 2, the BIP mechanism.

The LS was noted. A LS on this matter was created in TP-030297.

TP-030243 contains an LS from SA3 to T3 cc EP SCP, EP SCP WG1, 3GPP TSG T on potential USIM impact of the MBMS security framework. T3 is asked to come up with the required CRs to the relevant T3 specifications to enable MBMS key management procedures for Rel-6.

- At the last T3 meeting CRs have been proposed and forwarded to a planned ad-hoc meeting (January 2004) on this issue.

The LS was noted.

TP-030244 contains an LS from SA5 to SA1 cc SA2, CN, RAN, T, GERAN, GSMA BARG/TADIG on charging aspects of Priority Service (draft TR 22.952). SA5 have analysed the charging impacts of this service and are giving several assumptions regarding the charging functionality required for the priority service.

The LS was noted.

TP-030261 contains an LS from T1 to GCF SG, ETSI MCC TF 160 cc 3GPP T, GCF UAG on Release and Configuration Manager for ETSI MCC TF 160. This LS report about the developments in relation to the recruitment of a Release and Configuration Manager (RCM) to work with MCC TF 160, and the necessary action regarding funds.

The LS was noted.

TP-030294 contains a document from ETSI ECN&S STF254 which includes candidates 3GPP specifications for inclusion in Art 17 list of standards. Marie-Michèle Vasiliou (ETSI) presented the document by telephone. The purpose of this document is to provide a common interpretation of the articles and therefore the requirements that have been defined within the specific Directives and the associated Commission Decisions and Recommendations that have been published in the Official Journal of the European Community. The list should only include R99 specifications and reports. If stage 1, 2 and 3 exists then only stage 3 will be put into the list. The framework directive is for services offered throughout the networks. It is for third parties service providers to have access to the network operators. The end user should have access to service and it should be his choice where to get this service. By this the EC is trying to achieve more competition. By the 8th of January a draft of the final version has to be provided and by the end of January the final version should be provided to be published in the Official Journal of the European Community. TSG-T is requested to provide feedback on the list and "underwrite" it. Marie-Michèle pointed out that it would be important to remove specifications which are not appropriate from the list.

- It was questioned why SMS is not on the list. This seems not to be considered as important in the context of this activity by the originators of this list. Network selection was also identified as missing.
- E.g. if there is a different quality of service regarding the precision of location. Is it expected that everybody gets access to the same QoS? No, it is not intended to change anything in the network by this activity.
- Who determines that there is sufficient interoperability ? And if not, who is responsible to fix it ?
- E.g. there are many different variants of DTMF. If there is problem of DTMF interworking from one network into another then this will have to be addressed by a working item.
- It was clarified that there are several specifications on the list which have been already removed for the next version of the list e.g. because it is part of the radio interface and not for access of the third parties to network services.
- There are four other directives related to this. One is about who should have access to the operator's network.
- It was commented that this seems to affect ETSI only and not the other 3GPP Partners. However, it's expected that the spirit behind this ETSI framework will also be taken by other regions as an example.
- It was felt that trying do this by email in a short period of time does not seem to be feasible. This has to be discussed extensively in the regions and also with the regulators.
- Another approach would be to put all R99 specifications in. Non-relevant spec could be removed after one year when the update is created. Marie-Michèle replied that this would not make sense.
- It was commented that this documents should be better handled by ETSI MSG and not by 3GPP.

The document was noted. The TSG-T chairman will discuss how to handle this request together with the other TSG-T chairs to find an harmonized reply. However, TSG-T's preference would be to handle this in ETSI MSG as it seems only to affect ETSI for the time being. This does not prevent individual companies to comment directly to ETSI ECN&S STF254.

TP-030263 contains an LS from T3 to 3GPP2-TSG-C cc T on the harmonization of ISIM for 3GPP2. T3 asks 3GPP2-TSG-C to inform T3 about all the modifications to the ISIM that would be needed for 3GPP2 needs, and to confirm that 3GPP2 is defining a R-UIM application on top of the UICC. In addition, CN1 is asked if the proposed additional file would be of use to the 3GPP IMS service.

The LS was noted.

TP-030291 contains an LS from SA2 to RAN, CN, SA cc T on SA2 updates of the Work Plan.

- Alain SULTAN reported that SA2's comments have been taken into account for the latest version of the workplan in TP-030234. Most of the stage 2 work in SA2 will be completed in March 2004, some items will be completed in June 2004.

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-030298 contains the status report from T1 covering the period since the last TSG-T meeting. TP-030277 contains the draft minutes from the last T1 meeting.

T1#21 was held in Budapest, Hungary 3 – 7 Nov 03 hosted by European Friends of 3GPP and attended by 59 delegates. Approximately 390 documents processed during the Plenary resulting in approximately 140 docs submitted for approval.

TTCN is now formally base-lined to March 2003 core specs.

As at Thursday 4 Dec 2003, two new TTCN test case approved by email since T#21.

5.1.1.1   RF test status

RRM progress

TR 34.902: Derivation of test tolerances for multi-cell RRM conformance tests has been drafted for initial approval. Analysis in the TR gives rise to the addition of test tolerances in 6 more RRM test cases.

The proportion of complete RRM tests is approximately 24%. Outstanding RRM test cases is still a cause for concern in T1 as completion within 9 months is necessary for subsequent validation/ approval by GCF before the end of 2004.

The RF Convener is putting into place a strategic plan to cover the work but more offers of assistance are always welcome.

The situation will be reviewed after T1#22.

<u>800 MHz Testing</u>

CRs to TS 34.121 introduced testing for the 800MHz band. Rapid contributions made in time for approval at T#22 in order to meet Japanese Regulatory conditions for the introduction of DS CDMA for the testing of band VI frequencies.

<u>TS 34.122 Single Release</u>

Single Release of TS 34.122 has been prepared for approval as a result of a T1 study into the best method of a maintaining a single release document based on Rel5 to cover R99 & Rel4 & Rel5.It has been made clear to the customer where the specs refer to the different core spec releases.

Updated versions of the R99 & Rel4 docs (for approval) contain pointers to the new (Rel5) Single Release specification.

<u>Status of RF Specifications</u>

The Status of RF Specifications was given. Section 8 (RRM) of TS 34.121 is only 24% complete.

5.1.1.2   Signalling test status

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

Rel 5 RAB 'parked'. Routine Maintenance – mainly minor corrections

<u>Status of TS 34.123-1 UE Conformance Specification, part 1- Conformance Statement</u>

Corrections to prose test cases coming from issues found during the verification of the TTCN.

Recommendation to GCF to re-consider 5 PLMN and inter-RAT cell selection/ re-selection test cases from Batch 2 for calculation of completion purposes, as core specs not yet stable in CN.

Internal review of necessary tests has led to removal and addition to this spec based on gathering experience and identification of gaps

<u>Status of TS 34.123 – 2 –UE Conformance Specification, part 2 –   ICS Implementation Statement</u>

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

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

TTCN has now moved to March 2003 baseline. Major effort by industry to re-verify all test cases to new baseline completed in late October. Approved test cases will be published in version 3.4.0.

83 P1 test cases verified by T1 to March 2003, 22 P2 test cases verified by T1 to March 2003.

Motorola has verified internally 92 P1, 74 P2 and 43 P3 test cases against the September 2002 base line which has given rise to many corrections to the 'live' suite.

Decision made to verify on both CS & PS paths (where applicable).

All merging changes to fix code during merging to be approved by T1 and T retrospectively for full visibility and audit trail of TTCN releases.

Another 37 test cases have been submitted against the recently T1 approved delivery v3.4.0.

MCC 160 now using an automated configuration management tool and has recently procured a merging tool to assist in the delivery process.

Many (painful) lessons learnt about the challenges of regression testing an expanding ATS with each release.

Thorough review of the TTCN approval procedure (PRD T1-12) completed and includes a generic plan for regression testing in 2004.

Identified need for a specific release and configuration manager within MCC160.

Release and Configuration Manager (RCM) for MCC 160

Experience of the recent transition and regression testing demonstrated that MCC 160 would benefit from having a dedicated person to drive TTCN release and configuration management, especially as the situation is the effort of regression testing is going to increase dramatically with each new batch of verified test cases.

This conclusion was reached during the (cross-industry) GCF Progress Blockers Workshop held on 9 Oct 03.

The GCF offered to co-fund the post (up to the equivalent of 6 man-months) against certain conditions. The remaining funding is to be found from the allocation of 58 man-months already approved for MCC160; the revised break down of resources is shown in the MCC160 report.

T1 has accepted the recommendation and the GCF offer and now wants to start the process of recruiting someone to start in January 2004. T1 has already developed a detailed phased regression testing and release plan to which the RCM is fundamental.

T1 seeks T Plenary approval to the re-allocation of resources.

TP-030278 contains the TTCN Project Team (160) report.

> Results

> The results of the TTCN Project Team work were reported.

> In order to increase the TTCN maintenance capabilities and change tracebility, MCC task 160 installed a chain of TTCN-2 tools for editing, analysing/compiling, merging and comparisons, the configuration management tool, and a series of working procedures for TTCN configuration management, error handling /corrections and deliveries.

> TTCN in 2004

> Funding:

>> - PCG/OP granted 58 mm as total 3GPP funding for 2004
>> - Up to TSG-T to decide the funding splitting for FDD / LCR TDD

> T1#21 recommended:

>> - Ensure funding for completion of prioritised FDD test in 2004
>> - Reserve 6 mm for the newly installed RCM expert
>> - Start LCR TDD Rel-4 TTCN development on voluntary funding basis
>> - Ask ETSI MCC to provide the sufficient support to LCR TDD TTCN

> Based on the T1 recommendations, all 3GPP funding for 2004 will be allocated to FDD TTCN.

> Target is to complete all GCF high priority by late 2004.

> Call for experts:

>> - A TTCN expert for replacement (TP-030292, sent out)
>> - A RCM expert (TP-030293, waiting for T decision)

> LCR TDD Rel-4 TTCN

> A T1 LCR TDD TTCN workshop will be organised at ETSI in the middle of January 2004.

> CCSA / TD-SCDMA Alliance will provide TTCN experts as voluntary contributions.

> ETSI plans to host 4 TTCN experts from CCSA who provide the project leadership, management and administration support.

> TP-030292 contains Collective Letter 2296 which is a call for a TTCN expert. The document was noted.

> TP-030293 contains Collective Letter 2297 which is a call for the RCM expert. There are no additional costs related to this post since parts of the already approved budget are shifted towards this position. The document was noted and TSG-T approved T1's request for the RCM expert.

The TTCN status report was approved including the included proposals. 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

HSDPA

Joint RF/Sig session held at T1#21 to trigger activity in HSDPA responding to questions from RAN1 and RAN2. T1 has adopted RAN proposed RB configurations as working assumption for HS-DSCH (One U/L PS

configuration for 64 kbps, One U/L PS configuration for 384 kbps, Physical channel parameters specified per UE category).

Further guidance sought from RAN2 on need for testing of alternatives specified for RLC payload sizes and the number of HARQ processes for different UE categories. Internal work plan agreed & HSDPA convener may be appointed

The Way Ahead – T1 Chair's Aspirations

The T1 chairman reported the results of T1's work compared with the targets and external objectives reported to the last TSG-T meeting. The T1 chairman's aspirations at this TSG-T meeting were:

> Support to GCF for TTCN verified test cases
>
>> –Deliver minimum 95% of package 1 by mid Mar 04
>>
>> –Deliver minimum 80% of package 2 by mid Mar 04
>>
>> –Deliver minimum 40% of package 3 by mid Mar 04
>
> Introduce Test Tolerance to at least 6 more of the outstanding RRM test cases
>
> Select RCM for MCC 160 (to start work in late January 2004)
>
> Develop strategy to include TDD LCR conformance testing into the current TTCN programme (workshop Jan 04)

T1 – Areas of Concern

Slow progress in completion of RRM test cases. This will hold up the ability of GCF companies to implement solutions thereby delaying GCF certification.

Multi-tasking of T1 secretary: Inevitably this has slowed down the reaction time between T1 delegates and the ETSI secretariat. T1 is under a lot of pressure to deliver test cases so this is becoming serious.

Misalignment of inter RAT test cases between T1 and GERAN: GERAN has responsibility for GERAN TO UTRAN HO prose tests but T1/ETSI MCC 160 is responsible for the TTCN development thus creating problems of TTCN & Prose mis-alignment. GERAN is reviewing its approval process and T1 will liaise closely to provide assistance as required.

Finally, the T1 chairman described the progress of T1 with the first successful climb of Mount Everest. The current position is the base camp and there is still a long way to go to reach the top. Intention is to reach the summit in October 2004.

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

- It was suggested to create a message from TSG-T on the issue of multi-tasking of the T1-secretary. The testing and the maturing of the system is currently the most important activity going on in the industry. This should not be a bottle neck. Several delegates supported the suggestion to make a strong statement regarding the importance of the matter. 3GPP specification manager John MEREDITH raised the point that MCC's budget has been reduced and that the two experts leaving would not be replaced. Delegates felt that more resources have to be allocated to T1. Alain will to do an analysis of the problem and the matter will be discussed with the Head of MCC and the T1 chairman.

The T1 progress report was noted.

5.1.1.4   LS from T1 to TSG-T

Treated under 4.2.

5.1.2   Questions for advice and decisions on T1 issues

No documents 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-030279 contains CRs to 34.108. The CRs were all approved.

TP-030280 contains CRs to 34.121. CR 315 and 316 were revised in TP-030296 The CRs except CR 315 and 316 were approved.

TP-030296 contains two CRs to 34.121. The CRs were approved.

TP-030281 contains CRs to 34.122. The CRs were all approved.

TP-030282 contains CRs to 34.123-1. The CRs were all approved.

TP-030283 contains CRs to 34.123-2. The CRs were all approved.

TP-030284 contains CRs to 34.123-3 (Prose part less Annex A). The CRs were all approved.

TP-030285 contains one CR to 34.123-3 (Prose part in Annex A). The CRs were all approved.

TP-030287 contains Updated WID Document. The changes include a review of WI progress including support for Rel 4 & Rel 5 Work Tasks. One WID to cover Conformance Testing A-GPS Rel 6 Minimum Performance Requirements has been added. This WI was also available as a separate document in TP-030288.

The document was approved.

TP-030288 contains WI Sheet for new WT (A-GPS). The WID was approved.

TP-030303 contains a CR 34.123-3 Correction of two SM TCs to be consistent with 34.123-1. The CR was approved.

5.1.4   Documents for information

TP-030289 contains TR 34.902 v1.0.0 Derivation of test tolerances for multi-cell Radio Resource Management (RRM) conformance tests. Probably there will be a combined document for R99 and Rel-4. In that case R99 and Rel-4 documents would be produced with pointers to the Rel-5 document.

- It was clarified that a work item on HSDPA exists already.

The TR was noted.

5.1.5   Work programme review of T1

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

5.2   WG T2 Mobile Terminal Services and Capability

5.2.1   Reports and liaisons from T2

TP-030265 contains the T2 status report (slides) and TP-030266 contains the draft report of the last T2 meeting.

5.2.1.1   Status report

T2 SWG3 and T3
Half day unofficial meeting held during T2#23 to generally discuss matters of common interest to both TSG T's at a common T2/T3 plenary venue:

- Use of MMS as bearer for USAT
- MM storage on USIM
- MMS management by USAT
- CBS in UMTS data formats

Key issues at T2#23
35 delegates attending, approx 115 Tdocs processed by TSG T2#23.
MMS WID: Two new proposed WID's for REL-6 presented to TSG T#22 for approval:

- Private addressing schemes
- Multiple Relay / Server architecture

GUP 23.241 and Common Objects 24.241. Significant progress on these TSs estimated to be 60% complete. 23.241 is presented to TSG T for information.

CBS for UMTS data formats. CRs agreed but with an objection from one company on the REL-5 CR.

SWG2 (UE Interfaces and Capabilities) Summary

TS 23.241 GUP/XML Schema and Data Description Methods 60% complete

TS 24.241 Common Objects 60% complete

SWG3 Summary (MMS)

Corrections were agreed on:
- MM1-MM4/MM7 header mapping
- clarification of the "Linked ID"
- completion of RFC822 reference clean-up
- clarification on automatic and manual retrieval modes
- MM4 addressing
- addition of missing MM7 delivery status report codes, MM7 adaptations default value

Functional enhancements were agreed on:
- conditional delivery mechanism

Other items – ongoing discussions:
- MM4 routing of MM's with multiple addresses
- MM7 enhancements
- MM storage on USIM
- Hyperlinks

SWG3 Summary (CBS)

CRs created on the CB data structure for UMTS

During the general discussion on the T2 report, the following comments were made:
- Paul VOSKAR summarized the discussion on the CBS CR (TP-030267) and explained why Nokia originally objected against the Rel-5 CR. However, they withdrew their objections at this TSG-T meeting.

The status report from T2 was noted.

5.2.1.2   LSs from T2 to TSG-T

Treated under 4.2.

5.2.2   Questions for advice and decisions on T2 issues

No documents were registered under this agenda item.

5.2.3   Approval of contributions from T2

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

TP-030267 contains Rel-5 and Rel-6 CRs on CBS. The T2 chairman thanked the companies involved in this discussion for their efforts.
- It was reported that T3 has related CRs on this matter.
- It was clarified that T2 decided that R99 and Rel-4 CRs were not required.

The CRs were all approved.

TP-030268 contains CRs on MMS.
- It was questioned whether the CR 145 is in line with the CN discussion on .gprs domain.
- CR 143/144: Would it be beneficial to have a CR to the USIM on the addition of a field to identify what is the preferred way to retrieve MMS (MM notifications are stored in the USIM from Rel-4 onwards)? A place within the MM notification file to store the preferred way could be beneficial. Several

companies supported this idea. Interested companies would have to bring contributions on this topic to the next T2 meeting.

The CRs were all approved.

TP-030269 contains WID Handling of private addressing schemes in MMS.

- It was questioned why this WID was coming in very late in Rel-6 and what the justification is to include it that late. It seemed that the need for this functionality was identified only very recently.
- It was noticed that the content of this WID is very much related to use cases and service description. It was commented that the Rel-6 stage 1 is frozen and new requirements should only be added with strong justification. At least this should be discussed in SA1 first. It was reported that they are working on a similar topic.
- Concerns were expressed that if VPN support is discussed like suggested in the WID this would lead to having a fraction of a scattered solution. It was reported that SA2 has looked at some configurations related to VPN. The requirements and consequences should be fully analysed including security and architectural elements. Therefore it would be better to mention SA2 and SA3 tasks in the work item.
- It was reported that the existing approved WID MMS Enhancements contains already an item "addressing enhancements".
- It was reported that an T2 ad hoc meeting is scheduled for January on this topic (will only take place if WID is approved).
- It was suggested to have a revised work T2 work item and send an LS to SA. It was suggested to remove any connection to Rel-6 from the WID. Having Rel-6 mentioned in the WID could risk the rejection of the WID on the ground that delegates consider this as too late for Rel-6.
- The LS should mention why this is deemed important and why it should be undertaken. It should also mention the concerns on how interactions are made regarding architectural and security aspects. It is believed that SA will be doing the requirements quickly.

The WID in TP-030269 was not approved. To address the concerns about the missing architectural and security aspects and to remove the connection to Rel-6, the WID was revised in TP-030299 and a LS to TSG-SA was created in TP-030300 to inform them about the WID and ask for approval of the service related aspects.

TP-030299 WID Handling of private addressing schemes in MMS for approval.

The WID was approved subject to the endorsement of the service requirements by TSG-SA.

TP-030270 contains WID Multiple MMS Relay/Server Architecture. The WID was approved with a minor correction in TP-030301.

5.2.4 Documents for information

TP-030271 contains TS 23.241 v1.0.0 Generic User Profile (GUP) – Stage 2; Data Description Method for information. The document describes the Data Description Method (DDM) and the Datatype Definition Method (DtDM) of the 3GPP Generic User Profile. It specifies the method for describing the logical structure of the data description, Generic User Profile, Profile Components, methods for describing Datatypes and other constructs for use in 3GPP. The GUP data description method is designed to coexist with other data description technologies. The document includes DDM and DtDM features and definition and Process and procedures for administration of GUP/DDM and TS 24.241.It is planned to complete this specification in March.

- It was commented that the document gives the wrong interpretation of a IMSI which is not a public identity but a private identity. The MSISDN is a public identity. A few more comments were made on the document and will be taken into account by Prem SOOD for the final version.

The document was noted.

5.2.5 Work programme review of T2

This topic was discussed under 6.3 and 7.

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

5.3.1 Reports and liaisons from T3

TP-030245 contains the status report (slides) for T3.

5.3.1.1 Status report

Information from TSG-T3#29

T3#29 was attended by 35 delegates from 11 countries. 63 CRs and 1 WID were agreed; 11 LSs were agreed.

Organisational issue: T3#29 was the last meeting of Claus Dietze as secretary. From January 2004 T3 will be supported by Andrijana Jurisic.

T3 SWG API continuation: T3#29 concluded to continue with T3 SWG API at least until the closure of Rel-6.

MMS: Two Ad hoc meetings were held on the subject and further progress was made. In addition T3#29 dealt with all MMS related issues in a splinter group that was attended by several T2 delegates. The following topics were discussed: MMS storage: related CRs were postponed as an appropriate mechanism to store large files need to be available. A related LS to SCP was approved. MMS as a high bandwidth data channel: an LS on the topic was approved (see TP-030262).

USAT support: several CRs were postponed due to lack of time.

Voice Group Call Service (VGCS): T3 was informed by SA3 that SA3 work on this feature potentially has some impact on T3 and could lead to the introduction of new files/procedures on the USIM.

Cell Broadcast data download in UTRAN: CR was agreed for Rel-6. Objections to the introduction of the feature to Rel-5 were raised. T3 CRs are based on related T2 CRs that are presented for approval at this T plenary.

USSD: T3 was asked by SA1 to create CRs to the respective specifications in order to reflect the requirement to allow USSD message transfer to the SIM/USIM. As the introduction of the feature is quite complex and might affect various aspects (SAT/USAT), an LS to SA1 on the topic was approved. Further action will be taken at the next T3 meeting.

ISIM harmonization: 3GPP2 TSG-C informed T3 that they are working on the implementation of IMS/MMD for the R-UIM and that they want to base their work on the ISIM specification in TS 31.103. T3 concluded to send an LS to 3GPP2 TSG-C in order to inform them of the status of the ISIM. 3GPP2 additionally proposed a CR to TS 31.103 that would allow them to utilize this specification. T3 concluded to send an LS to CN1 and SA2 asking them if the file would also be valuable for 3GPP.

Turnaround Guardtime: The topic was again extensively discussed in T3 and a compromise was reached. A CR was agreed that adds a note to TS 31.102 and TS 31.103 for pre-Release 6. An action was given to clarify the issue for Rel-6 at the next T3 meeting.

Interface speed enhancement: A compromise was proposed to introduce D=32 mandatory for the card and D=64 mandatory for the terminal. It was concluded to leave it up to EP SCP to clarify the behaviour and to introduce a recommendation on the terminal implementation to support the fasted possible speed in case the ATR is not recognized by the terminal rather than falling back to default speed.

USIM usage for MBMS security: Several input documents were presented. T3 concluded to call for an Ad Hoc meeting to progress the work.

WLAN Interworking: 2 different proposals were discussed. One proposal was to realize the interworking by defining a separate application on the UICC the second proposal is to add a separate DF under the ADF USIM. A related LS to CN1 was sent.

ETSI EP SCP #15

Some information was provided from the recent ETSI EP SCP meeting.

A vote on the introduction of a 3rd form factor (3FF) took place. As a result it was agreed to introduce it. The final technical solution will be discussed at SCP#16.

One new technical specification was approved: ETSI TS 102 217: Transport Protocol for CAT Applications; Stage 2

Two new Work Items were approved:

- Alignment of TS 102 221 with the revision of ISO/IEC 7816-3, -4, -5, -6, -8, -9: see SCP-030472
- EAP for UICC

During the general discussion of the T3 progress report, the following comments were made:

- Nokia commented that the topic of WLAN interworking is out of the scope of T3. The T3 secretary reported that this activity is related to an approved T3 work item.The T3 progress report was noted.

This was Claus DIETZE's last meeting. The T3 chairman and TSG-T thanked Claus for the excellent work he did for T3 and ETSI SCP. Claus thanked everybody for the interesting and enjoyable time he had in 3GPP.

5.3.1.2   LSs from T3 to TSG-T

Treated under 4.2.

5.3.2   Questions for advice and decisions on T3 issues

No documents were treated under this agenda item.

5.3.3   Approval of contributions from T3

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

TP-030246 contains CRs to TS 11.10-4. The CRs were all approved.

TP-030247 contains CRs to TS 11.11.
-       The correct use of both words "higher" and "highest" within the CR was questioned.
CR A137 was approved. CR A138 was revised in TP-030304.TP-030248 contains CRs to TS 51.011. The CRs were all approved except CR028 which was revised in TP-030305.TP-030249 contains CRs to TS 11.14. The CRs was approved.

TP-030250 contains a CR to TS 51.014. The CR was approved.

TP-030251 contains CRs to TS 31.102. The CRs were all except 182, 183, 184, 185 which were revised in TP-030306, TP-030307, TP-030308, TP-030309.
-       It was clarified that CR 190 complements a T2 CR which was approved on video mail indication at the last meeting.
The CRs were all approved except 182, 183, 184, 185 which were revised.

TP-030252 contains a CR to TS 31.103. The CR was approved.

TP-030253 contains CRs to TS 31.111.
-       CR 100: The question was raised if 3GPP has a definition on what a "video call" is. This seems not to be the case and therefore it might not be appropriate to use this term. It would be useful to have a note explaining where to find the definition of a video call.
-       It was pointed out that CBS is implemented in GSM in most terminals but this might not be the case for WCDMA. It was suggested to add a clarification like "If ME supports CBS then it should follow the procedure below." This was not agreed.
The CRs were all approved except CR 100 who was postponed since a clarification of the term "video call" is required. T3 will deal with this CR at a later meeting.TP-030254 contains a CR to TR 31.900. The CR was approved.TP-030255 contains CRs to TS 31.115. The CRs were all approved.TP-030256 contains a CR to TS 31.122. The CR was approved.

TP-030257 contains a CR to TS 23.048. The CR was approved.

TP-030258 contains CRs to TS 51.013. The CRs were all approved.

TP-030259 contains Work Item Description on: USAT Conformance Test Specification. The WID was approved.

TP-030304 contains a CR 11.11 A138 rev1 Alignment of EF-HPLMN Search Period with 22.011 and 23.122. The CR was approved.

TP-030305 contains a CR 51.011 CR028 rev1 Alignment of EF-HPLMN Search Period with 22.011 and 23.122. The CR was approved.

TP-030306 contains a CR 31.102 CR182 rev1 Alignment of EF-HPLMN Search Period with 22.011 and 23.122. The CR was approved.

TP-030307 contains a CR 31.102 CR183 rev1 Alignment of EF-HPLMN Search Period with 22.011 and 23.122. The CR was approved.

TP-030308 contains a CR 31.102 CR184 rev1 Alignment of EF-HPLMN Search Period with 22.011 and 23.122. The CR was approved.

TP-030309 contains a CR 31.102 CR185 rev1 Alignment of EF-HPLMN Search Period with 22.011 and 23.122. The CR was approved.

5.3.4 Documents for information

None.

5.3.5 Work programme review of T3

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

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

6.1 Work Plan

TP-030235 contains the MCC review of the Work Plan at TSG #22 presented by Alain SULTAN (MCC). Most of the key forthcoming Features (e.g. IMS phase 2, MBMS, MMS enhancements, MIMO, etc) will hardly be completed or definitely not be completed by March 2004. The Stage 2 is still not complete for most of these features and almost all of their Foreseen Completion Dates have been postponed 3 to 6 months during the last 6 months. Consequently, at this stage, it might still be too early to freeze the date and even the content of Release 6. A freezing date prior to June 2004 would miss the major Features that are currently defined in 3GPP.

- Alain asked if a freezing date of September would be acceptable to TSG-T. However, some comments were expressed that 3GPP should keep the pressure and not have a freezing date later than June 2004.

The work plan presentation was noted. The revised version including comments from RAN, CN and T will be available in the next SA. TSG-T did not have a consensus on a proposal for a freezing date.

TP-030234 contains the latest version of the Work Plan.
The document was noted.

TP-030275 contains a document giving an overview about the content of Rel-99. This document contains a high-level description of all 3GPP Release 99 Features. The intention is to have a stable version by March 2004. A document describing Release 4 will also be created. A draft version will be available at March 2004 at the earliest.
The document was noted.

6.2 Other issues

TP-030272 contains a list of Rel-5 Specs not yet upgraded to Rel-6.

The document was noted.

TP-030273 contains the specifications status list prior TSGs#22.

The document was noted.

TP-030274 contains a list of specs for frozen releases, not yet under change control.

The documents was noted.

TP-030302 contains a proposal for improving the accuracy of work planning. It can be seen by looking at the Gantt chart that almost every Feature is indicated as running late – some by as much as a year. That is, achieved progress is much less rapid not only than originally estimated but than revised at the previous TSG. The following actions are proposed to try to overcome the problems outlined in the document:

1. Time scales recorded in WIDs should be relative, not absolute. That is, rather than estimating the completion date, the WID should state the number of months required to complete it.

2. All work items should be shown as having started not on approval of the WID, but on the generation of the first subsequent contribution to the responsible Working Group.

3. In the workplan, Stage 2 work should not be targeted to start until the stage 1 work reaches at least 50 %. When Stage 1 is provided by the means of new specification(s), this means that the corresponding specification has been presented to the TSG for information.

4. In the workplan, Stage 3 work should not be targeted to start until the stage 2 work reaches at least 50 % (i.e. if applicable, corresponding new specification presented to the TSG for information).

Discussion:

-   It was clarified that the actions do only apply to the way the progress is displayed in the workplan. It is not intended to delay the start of any stage 2/3 work.

-   Concerns were expressed about proposal 1. Absolute time constraints may be included in the work plan.

-   It was commented that another issue might be that 3GPP just moves to fast with releases.

The document was noted. John MEREDITH will present this document to TSG-SA and will keep in mind the comments made by TSG-T. TSG-T endorses this proposal in principle and asks John to take the comments made during TSG-T's discussion into account when creating a detailed proposal (CR to 21.900).

6.3   3GPP-OMA cooperation

Kevin HOLLEY presented TP-030239 which includes the conclusions of the joint 3GPP/3GPP2/OMA MMS workshop held 7th November in London.

-   It was commented that at the workshop there were also opinions presented against a possible work transfer. It would not be worth to do all the efforts of a transfer if there is not much work to be done after Rel-6. So far, there is no work seen after Rel-6. However, Kevin thinks it is likely that new work is coming after Rel-6.

-   It was clarified that it would be for TSG-T to decide what is bearer dependent and what not.

The document was noted.

Paul VOSAKR presented TP-030295 on Transfer of MMS into OMA. TSG-T is asked to consider this proposal and reach agreement on the principle and potential date for transfer of MMS into OMA.

-   Regarding the proposal to agree on a potential date of the transfer, concerns were expressed that the transfer cannot take place before OMA is prepared to accept the specifications. Therefore, it could be difficult to agree on a date now. It was reported that OMA has endorsed the workshop's conclusions and is ready to start with the preparation work of the transfer. It seems to be better to keep the potential transfer date locked to the completion of Rel-6.

-   The question was raised if the potential effect on TSG-T and its working groups in particular T2 should also be discussed before any decision is taken. Preferences were expressed to keep the two discussions separated.

-   The conflict in the IPR policy has also to be resolved. This could be overcome in the shorter term by TSG-T keeping the specification for some time. By this, the specifications continue to be under 3GPP's IPR policy and copyrights.

-   The overall scope of TSG-T is under the responsibility of TSG-T. However, the organization of the working groups is under the responsibility of TSG-T. If MMS will be removed from T2, then it could be considered to close T2 and to do the remaining technical work directly in the TSG-T plenary - accompanied by ad hoc meetings if required.

-   The document does not mention where to treat the MMS related aspect of the smart card. It was suggested to transfer any MMS related smart card issues to SCP.

-   The T2 chairman suggested that T2 will look at the remaining work to do and come up with a proposal on its future.

-   It doesn't make sense to start any work of splitting specifications until the IPR issues are not solved. 23.140 should stay intact for that time. Later, it is assumed that OMA will create spec(s) for bearer-agnostic of MMS taking input from 3GPP and 3GPP2.

- A discussion about where to have future MMS requirements discussions has to take place in TSG-SA. It was commented that the proposal can only be approved if the requirement specifications are transferred.

The document was noted. During the discussion, four proposals were developed and agreed:

1. Post Release 6 technical discussions on MMS 23.140 should be moved to OMA now

2. PCG should be invited to consider IPR and copyright issues

3. Discussions on technical maintenance of 23.140 Release 6 and earlier should be moved to OMA on completion of Release 6

4. Further consideration is needed concerning transfer of ownership of 23.140 material, including splitting and rewriting specifications.

In addition, as a separate matter discussions should to begin on recommendations on future structure of T2 and possibly TSG-T. T2 is invited to have a debate and create a proposal on its future structure. Input on further details of the work transfer e.g. split of specifications are also welcome. T3 was actioned to make a proposal on where to treat MMS smart card aspects in future.

TP-030238 contains the updated document on 3GPP Dependencies on OMA Deliverables which is maintained by Iain SHARP (Nortel Networks).

- Regarding several items it is mentioned "input required". The question was raised who is addressed to provide this input. It seems that the remark "input required" refers only to the field of the table and not to the work item.

The document was noted. The document will be further discussed at TSG-SA.

7   Liaison Statements (LS) outgoing

Two outgoing LSs were approved:

TP-030297 contains a LS to SA, SA1, SA2, SA5, T2, T3 on EP SCP on MMS as a Bearer for USAT. The addressed groups are asked to note TSG T's role and endorsements as outlined in the body of this document, in the discussion of wide bandwidth communication to and from the USAT.

- In the use case 1, the document suggests a possible implementation for this service could be the addition of a new Mime type to the MMS specification. It was clarified that since the LS talks only about use case 2 this MIME type solution would not be required.

The LS was approved.

TP-030300 contains an LS to SA cc SA1, T2 on WID Handling of private addressing schemes in MMS.

- It was pointed out that the addressing issue might also impact CN specifications.

The LS was revised to TP-030310 and approved..

8   Postponed issues from earlier in the meeting

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

9   Any Other Business

Steve MECROW (O2) raised concerns about the security aspects of the user equipment in terms of the download of applications and viruses. An informal discussion was announced to be held after the TSG-T meeting.

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

12　Close of the meeting

The meeting was closed by the chairman at 10:50. He thanked the WG chairman for their presentations and the delegates for their work and the North American Friends of 3GPP, ARIB and TTC for hosting the meeting. He also expressed his thanks to his vice-chairs, the TSG-T secretary and the other MCC people for their support.

ANNEX A   Approved Agenda

Agenda Item	Input documents (TP-030nnn)
1 **Opening of the meeting (07:00 Wednesday 10 December) and IPR reminder**	
2 **Approval of Agenda**	231
3 **Approval of the meeting report from TSG-T#21**	230
4 **Letters and reports from other groups, LS incoming** *4.1 Reports from OP, PCG, TSG SA and others* *4.2 LSs from TSG-SA, TSG-RAN, TSG-CN, TSG-GERAN and others*	232, 233, 236, 237 240, 241, 242, 243, 244, 264, 290, 291, 294
5 **Reports from TSG-T Working Groups** *5.1 WG T1 Mobile Terminal Conformance Testing* *5.1.1 Reports and liaisons from T1* *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 Capabilities* *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* ***(Please note that a vote might be required on CR015 to TS 23.041 Rel-5 "CB Data structure" in TP-030267)*** *5.2.4 Documents for information* *5.2.5 Work programme review of T2* *5.3 WG T3 USIM* *5.3.1 Reports and liaisons from T3* *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*	 260, 261, 276, 277 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290 292, 293 265, 266 267, 268, 269, 270 271 245, 262, 263 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259
6 **TSG-T Project Management / Work Programme Review and Co-ordination with TSG-SA and other bodies** *6.1 Release 5* *6.2 Release 6* *6.3 3GPP-OMA cooperation* *6.4 Other issues*	234, 235, 272, 273, 274, 275 238, 239, 295
7 **Liaison Statements (LS) outgoing**	
8 **Postponed issues from earlier in the meeting**	
9 **Any Other Business**	
10 **Future Meeting Schedule**	
11 **Close of the meeting (by 14:00 Friday 12 December)**	

ANNEX B   List of attendees

Title	Firstname	Surname	Organization	Status	Partner	Role
ARIB						
Mr.	Takayuki	Arai	Fujitsu Limited	3GPPMEMBER	ARIB	
Mr.	Ohno	Koji	NTT DoCoMo Inc.	3GPPMEMBER	ARIB	
Mr.	Hisashi	Nakagomi	NTT DoCoMo Inc.	3GPPMEMBER	ARIB	WG_Chairman
Mr.	Kazuo	Nogami	Toshiba Corporation	3GPPMEMBER	ARIB	
Mr.	Hiroshi	Saito	Panasonic Mobile Comm.	3GPPMEMBER	ARIB	
Mr.	Prem	Sood	SHARP Corporation	3GPPMEMBER	ARIB	
CCSA						
Mr.	Darun	Wang	CATT	3GPPMEMBER	CCSA	
ETSI						
Mr.	Ramin	Afchar	VODAFONE Group Plc	3GPPMEMBER	ETSI	
Mr.	Niels Peter Skov	Andersen	MOTOROLA A/S	3GPPMEMBER	ETSI	
Mr.	J.	Angwra	IBM EUROPE	3GPPMEMBER	ETSI	
Mr.	Nigel	Barnes	MOTOROLA Ltd	3GPPMEMBER	ETSI	
Mr.	Patrice	Beaudou	SchlumbergerSema	3GPPMEMBER	ETSI	
Mr.	Andreas	Bertling	7 LAYERS AG	3GPPMEMBER	ETSI	
Mr.	Richard	Brook	SAMSUNG Electronics	3GPPMEMBER	ETSI	
Mr.	Phillip	Brown	3	3GPPMEMBER	ETSI	WG_Chairman
Mr.	Arthur	Cyrankiewicz	T-MOBILE DEUTSCHLAND	3GPPMEMBER	ETSI	
Mr.	Claus	Dietze	ETSI Secretariat	3GPPORG_REP	ETSI	
Mr.	Ian	Doig	MOTOROLA S.A.S	3GPPMEMBER	ETSI	

Mr.	Flaminio	Feliziani	TELECOM ITALIA S.p.A.	3GPPMEMBER	ETSI	
Mr.	Frederic	Gabin	NEC Technologies (UK) LTD	3GPPMEMBER	ETSI	
Mr.	Ian	Harris	RIM	3GPPMEMBER	ETSI	
Mr.	Kevin	Holley	mmO2 plc	3GPPMEMBER	ETSI	ViceChairman
Mr.	Andrew	Howell	MOTOROLA GmbH	3GPPMEMBER	ETSI	
Mr.	Paul	Jolivet	DoCoMo Europe S.A.	3GPPMEMBER	ETSI	
Mr.	Mikko	Kanerva	NOKIA Corporation	3GPPMEMBER	ETSI	
Ms.	Ann	Mclaughlin	Comverse Network Systems	3GPPMEMBER	ETSI	
Mr.	Bjarke	Nielsen	QUALCOMM EUROPE S.A.R.L.	3GPPMEMBER	ETSI	
Mr.	Timo	Oikarinen	TeliaSonera AB	3GPPMEMBER	ETSI	
Mr.	Thomas	Picard	ALCATEL S.A.	3GPPMEMBER	ETSI	
Mr.	Avi	Primo	Celltick Technologies Inc.	3GPPMEMBER	ETSI	
Mr.	Friedhelm	Rodermund	ETSI Secretariat	3GPPORG_REP	ETSI	Secretary
Mr.	Thomas	Rodestrand	TeliaSonera AB	3GPPMEMBER	ETSI	
Mr.	Jean-Francois	Rubon	GEMPLUS S.A.	3GPPMEMBER	ETSI	
Mr.	Nick	Sampson	ORANGE PCS LTD	3GPPMEMBER	ETSI	
Mr.	Alain	Sultan	ETSI Secretariat	3GPPORG_REP	ETSI	
Mr.	Akihisa	Ushirokawa	NEC Electronics (Europe) GmbH	3GPPMEMBER	ETSI	
Mr.	Hans	van der Veen	NEC EUROPE LTD	3GPPMEMBER	ETSI	
Mr.	Paul	Voskar	NOKIA UK Ltd	3GPPMEMBER	ETSI	
Dr.	Jun	Yamada	Renesas Technology Europe	3GPPMEMBER	ETSI	

Mr.	Francesco	Zammarano	TELECOM ITALIA S.p.A.	3GPPMEMBER	ETSI	
OTHER						
Mr.	Veijo	Vanttinen	Microcell SA	3GPPGUEST	OTHER	Guest
T1						
Mr.	Ed	Ehrlich	Nokia Telecommunications Inc.	3GPPMEMBER	T1	ViceChairman
Mr.	Marc	Grant	Cingular Wireless LLC	3GPPMEMBER	T1	
Mr.	Stephen	Hayes	Ericsson Inc.	3GPPMEMBER	T1	
Mr.	Paul	Simmons	Nortel Networks	3GPPMEMBER	T1	
Mr.	Tak Wing	Wan	Rogers Wireless Inc.	3GPPMEMBER	T1	
TTA						
Mr.	Jan	Ellsberger	Ericsson Korea	3GPPMEMBER	TTA	
Dr.	Cheol	Kim	LG Electronics Inc.	3GPPMEMBER	TTA	
Mr.	Hee Joung	Lee	LG Electronics Inc.	3GPPMEMBER	TTA	
Dr.	Sang-Keun	Park	Samsung Electronics Co., Ltd	3GPPMEMBER	TTA	Chairman
Mr.	Hannu	Pirila	Nokia Korea	3GPPMEMBER	TTA	
Mr.	Do-Hyon	Yim	Samsung Electronics Co., Ltd	3GPPMEMBER	TTA	
TTC						
Miss	Tamra	Toshiyuki	NEC Corporation	3GPPMEMBER	TTC	

Total: 53 Attendees

Those delegates with an ETSI server username and password can obtain the full/updated contact information for any delegate by going to the URL for the delegates' database at:
http://webapp.etsi.org/teldir/TelDirectory.asp

They are also able to update their own information (new address / tel. / fax / email etc) by using the URL:
http://webapp.etsi.org/teldir/PersonalInfo.asp

ANNEX C   Document list

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

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

Tdoc	Title	Source	Agenda	Notes / Status
TP-030230	Report (draft) from TSG-T #21 (Frankfurt, 17 – 19 September 2003)	TSG-T Secretary	3	approved
TP-030231	Agenda (draft) for TSG-T #22 (Maui, 10 – 12 December 2003)	TSG-T Chairman	2	approved
TP-030232	TSG-SA#21 result summary for TSG-T	T-secretary	4.1	noted
TP-030233	Report (draft) from TSG-SA #21 (Frankfurt, 22 – 25 September 2003)	TSG-SA Secretary	4.1	noted
TP-030234	3GPP Work Plan	MCC	6	noted
TP-030235	3GPP Work Plan [Slide Presentation]	MCC	6	noted
TP-030236	Report Organizational Partners Meeting#10, Boston, 2 October 2003	OP Secretary	4.1	noted
TP-030237	Report 3GPP PCG Meeting#11, Boston, 1 October 2003	PCG Secretary	4.1	noted
TP-030238	3GPP Dependencies on OMA Deliverables	Nortel Networks	6.3	noted
TP-030239	MMS Workshop Conclusions	O2	6.3	noted
TP-030240	LS from GERAN to T1 cc T on Consideration of emerging issues on maintenance of Inter RAT test cases	GP-032721	4.2	noted
TP-030241	LS from TSG-SA to 3GPP2 TSG-S, 3GPP2 TSG-X, OMA TP cc TSG-T on proposed workshop on MMS Standardisation Management	TSGS#21(03)0554	4.2	noted
TP-030242	LS from SA1 to TSG-T, SA2, T2, T3 on high bandwidth communication capability for USAT	S1-031286	4.2	noted
TP-030243	LS from SA3 to T3 cc EP SCP, EP SCP WG1, 3GPP TSG T on potential USIM impact of the MBMS security framework	S3-030660	4.2	noted
TP-030244	LS from SA5 to SA1 cc SA2, CN, RAN, T, GERAN, GSMA BARG/TADIG on charging aspects of Priority Service (draft TR 22.952)	S5-034642	4.2	noted
TP-030245	T3 status report to T#22	T3	5.3.1	noted
TP-030246	CRs to TS 11.10-4 **for approval**	T3	5.3.3	approved
TP-030247	CRs to TS 11.11 **for approval**	T3	5.3.3	CR A137 approved, A138 revised in TP-030304
TP-030248	CRs to TS 51.011 **for approval**	T3	5.3.3	approved except CR028 which was revised in TP-030305
TP-030249	CRs to TS 11.14 **for approval**	T3	5.3.3	approved
TP-030250	CRs to TS 51.014 **for approval**	T3	5.3.3	approved
TP-030251	CRs to TS 31.102 **for approval**	T3	5.3.3	approved except A182, 183, 184, 185 which were revised in TP-030306, TP-030307, TP-030308, TP-030309
TP-030252	CRs to TS 31.103 **for approval**	T3	5.3.3	approved
TP-030253	CRs to TS 31.111 **for approval**	T3	5.3.3	approved except CR100 which was postponed
TP-030254	CRs to TR 31.900 **for approval**	T3	5.3.3	approved
TP-030255	CRs to TS 31.115 **for approval**	T3	5.3.3	approved
TP-030256	CRs to TS 31.122 **for approval**	T3	5.3.3	approved
TP-030257	CRs to TS 23.048 **for approval**	T3	5.3.3	approved
TP-030258	CRs to TS 51.013 **for approval**	T3	5.3.3	approved
TP-030259	Work Item Description on: USAT Conformance Test Specification **for approval**	T3	5.3.3	approved

TP-030260	LS from T1 to T cc GERAN on Consideration of emerging issues on maintenance of InterRAT test cases	T1-031704	5.1.1	noted
TP-030261	LS from T1 to GCF SG, ETSI MCC TF 160 cc 3GPP T, GCF UAG on Release and Configuration Manager for ETSI MCC TF 160	T1-031712	5.1.1	noted
TP-030262	LS reply from T3 to SA, SA1, SA2, T, T2 on MMS as a Bearer for USAT	T3-030928	5.3.1	noted
TP-030263	LS from T3 to 3GPP2-TSG-C cc T on the harmonization of ISIM for 3GPP2	T3-030933	5.3.1	noted
TP-030264	LS from OMA ARC to T cc OMA DM, OMA MWG, OMA SEC, OMA BAC, OMA REQ on the use of MMS as bearer for USAT	OMA-ARC-2003-0335	4.2	noted
TP-030265	T2 status report (slides)	T2 chairman	5.2.1	noted
TP-030266	T2#23 Dallas meeting report	T2 secretary	5.2.1	noted
TP-030267	CRs on CBS **for approval**	T2	5.2.3	approved
TP-030268	CRs on MMS **for approval**	T2	5.2.3	approved
TP-030269	WID Handling of private addressing schemes in MMS **for approval**	T2	5.2.3	revised to TP-030299
TP-030270	WID Multiple MMS Relay/Server Architecture **for approval**	T2	5.2.3	revised to TP-030301
TP-030271	TS 23.241 v1.0.0 Generic User Profile (GUP) – Stage 2; Data Description Method for information	T2	5.2.4	noted
TP-030272	Rel-5 Specs not yet upgraded to Rel-6	MCC	6	noted
TP-030273	status list before	MCC	6	noted
TP-030274	specs for frozen releases, not yet under change control	MCC	6	noted
TP-030275	3GPP Release 99 Overview	MCC	6	noted
TP-030276	T1 Status Report	T1 Chairman	5.1.1	revised to TP-030298
TP-030277	T1 Minutes of T1 meeting#20	MCC	5.1.1	noted
TP-030278	ETSI MCC STF 160 Report	STF 160	5.1.3	approved
TP-030279	CRs to 34.108 **for approval**	T1	5.1.3	approved
TP-030280	CRs to 34.121 **for approval**	T1	5.1.3	approved
TP-030281	CRs to 34.122 **for approval**	T1	5.1.3	approved
TP-030282	CRs to 34.123-1 **for approval**	T1	5.1.3	approved
TP-030283	CRs to 34.123-2 **for approval**	T1	5.1.3	approved
TP-030284	CRs to 34.123-3 (Prose part less Annex A) **for approval**	T1	5.1.3	approved
TP-030285	CRs to 34.123-3 (Prose part in Annex A) **for approval**	MCC	5.1.3	approved
TP-030286	CRs to 34.123-3 (TTCN only) **for approval**	T1	5.1.3	withdrawn
TP-030287	Updated WID Document **for approval**	T1	5.1.3	approved
TP-030288	WI Sheet for new WT (A-GPS) **for approval**	T1	5.1.3	approved
TP-030289	TR 34.902 v1.0.0 **for approval**	T1	5.1.3	noted
TP-030290	LS from SA2 to TSG-T, T2, T3, SA1 on high bandwidth communication capability for USAT	S2-034364	4.2	noted
TP-030291	LS from SA2 to RAN, CN, SA cc T on SA2 updates of the Work Plan	S2-034367	4.2	noted
TP-030292	CL 2296 Call for TTCN expert	STF 160	5.1.4	noted
TP-030293	CL 2297 Call for RCM expert	STF 160	5.1.4	noted (request approved)
TP-030294	Candidates 3GPP specifications for inclusion in Art 17 list of standards	ETSI ECN&S STF254	4.2	noted
TP-030295	Transfer of MMS into OMA	Nokia	6.3	noted
TP-030296	CRs to 34.121 **for approval**	T1	5.1.3	approved
TP-030297	LS to SA, SA1, SA2, SA5, T2, T3 on EP SCP on MMS as a Bearer for USAT	TSG-T (Nigel)	7	approved
TP-030298	T1 Status Report	T1 Chairman	5.1.1	noted
TP-030299	WID Handling of private addressing schemes in MMS **for approval**	T2	5.2.3	approved conditionally
TP-030300	LS to SA cc SA1, T2 on WID Handling of private addressing schemes in MMS	T2	7	revised to TP-030310
TP-030301	WID Multiple MMS Relay/Server Architecture **for approval**	T2	5.2.3	approved
TP-030302	Proposal for improving the accuracy of work planning	MCC	6	noted (proposal endorsed in principle)
TP-030303	CR 34.123-3 Correction of two SM TCs to be consistent with 34.123-1	T1	5.1.3	approved
TP-030304	CR 11.11 A138 rev1 Alignment of EF-HPLMN Search Period with 22.011 and 23.122	T3	5.3.3	approved
TP-030305	CR 51.011 CR028 rev1 Alignment of EF-HPLMN Search Period with 22.011 and 23.122	T3	5.3.3	approved
TP-030306	CR 31.102 CR182 rev1 Alignment of EF-HPLMN Search Period with 22.011 and 23.122	T3	5.3.3	approved
TP-030307	CR 31.102 CR183 rev1 Alignment of EF-HPLMN Search Period with 22.011 and 23.122	T3	5.3.3	approved
TP-030308	CR 31.102 CR184 rev1 Alignment of EF-HPLMN Search Period with 22.011 and 23.122	T3	5.3.3	approved
TP-030309	CR 31.102 CR185 rev1 Alignment of EF-HPLMN Search Period with 22.011 and 23.122	T3	5.3.3	approved
TP-030310	LS to SA cc SA1, T2 on WID Handling of private addressing schemes in MMS	T2	7	approved

ANNEX D — List of change requests presented to TSG-T #22

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

Doc-1st-Level	Status-1st-Level	Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Source-1st-Level	Doc-2nd-Level	Status-2nd-Level	Workitem
TP-030279	approved	34.108	251	1	Rel-4	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1	T1-031659	Agreed	TEI4
TP-030279	approved	34.108	252	1	Rel-4	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1	T1-031660	Agreed	TEI4
TP-030279	approved	34.108	253	1	Rel-4	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1	T1-031661	Agreed	TEI4
TP-030279	approved	34.108	254	1	Rel-4	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1	T1-031662	Agreed	TEI4
TP-030279	approved	34.108	255	1	Rel-4	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1	T1-031663	Agreed	TEI4
TP-030279	approved	34.108	256	1	Rel-4	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1	T1-031664	Agreed	TEI4
TP-030279	approved	34.108	257	1	Rel-4	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1	T1-031665	Agreed	TEI4
TP-030279	approved	34.108	258	1	Rel-4	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1	T1-031666	Agreed	TEI4
TP-030279	approved	34.108	259	2	R99	CR on PAGING TYPE 1, RRC CONNECTION REQUEST and RRC CONNECTION SETUP messages for MT RR Connection	F	3.13.0	3.14.0	T1	T1-031595	Agreed	TEI
TP-030279	approved	34.108	260	2	Rel-4	CR on PAGING TYPE 1, RRC CONNECTION REQUEST and RRC CONNECTION SETUP messages for MT RR Connection	A	4.8.0	4.9.0	T1	T1-031596	Agreed	TEI4
TP-030279	approved	34.108	261	-	R99	CR 34.108 R99: EFRPLMNACT (RPLMN Last used Access Technology) removed	F	3.13.0	3.14.0	T1	T1-031380	Agreed	TEI
TP-030279	approved	34.108	262	-	Rel-4	CR 34.108 Rel-4: EFRPLMNACT (RPLMN Last used Access Technology) removed	A	4.8.0	4.9.0	T1	T1-031381	Agreed	TEI4
TP-030279	approved	34.108	263	1	R99	Update of default messages for RRC CONNECTION SETUP and SECURITY MODE COMMAND	F	3.13.0	3.14.0	T1	T1-031546	Agreed	TEI
TP-030279	approved	34.108	264	1	Rel-4	Update of default messages for RRC CONNECTION SETUP and SECURITY MODE COMMAND	A	4.8.0	4.9.0	T1	T1-031547	Agreed	TEI4
TP-030279	approved	34.108	265	1	R99	Description and corrections of channels for minimum performance levels, TDD mode.	F	3.13.0	3.14.0	T1	T1-031644	Agreed	TEI
TP-030279	approved	34.108	266	1	Rel-4	Description and corrections of channels for minimum performance levels, TDD mode.	F	4.8.0	4.9.0	T1	T1-031645	Agreed	TEI4
TP-030279	approved	34.108	267	1	R99	Test frequencies of UMTS800MHz band VI	B	3.13.0	3.14.0	T1	T1-031554	Agreed	TEI
TP-030279	approved	34.108	268	1	Rel-4	Test frequencies of UMTS800MHz band VI	A	4.8.0	4.9.0	T1	T1-031555	Agreed	TEI4
TP-030279	approved	34.108	269	-	Rel-4	CR 34.108 Rel-4: Addition of Bearer combination for Interactive/background UL 64 kbps DL 768 kbps for Rel-5	F	4.8.0	4.9.0	T1	T1-031441	Agreed	TEI4
TP-030279	approved	34.108	270	1	R99	Update of generic test procedure for TX, RX and Performance Requirement	F	3.13.0	3.14.0	T1	T1-031609	Agreed	TEI
TP-030279	approved	34.108	271	1	Rel-4	Update of generic test procedure for TX, RX and Performance Requirement	A	4.8.0	4.9.0	T1	T1-031610	Agreed	TEI4
TP-030279	approved	34.108	272	1	R99	Introduction of generic test procedure for RRM handover test cases	F	3.13.0	3.14.0	T1	T1-031607	Agreed	TEI
TP-030279	approved	34.108	273	1	Rel-4	Introduction of generic test procedure for RRM handover test cases	A	4.8.0	4.9.0	T1	T1-031608	Agreed	TEI4

TP-030279	approved	34.108	274	-	R99	Correction of CM TGD parameter	F	3.13.0	3.14.0	T1	T1-031451	Agreed	TEI
TP-030279	approved	34.108	275	1	Rel-4	Correction of CM TGD parameter	A	4.8.0	4.9.0	T1	T1-031591	Agreed	TEI4
TP-030279	approved	34.108	276	-	R99	Corrections to default message contents of Radio Bearer Release	F	3.13.0	3.14.0	T1	T1-031470	Agreed	TEI
TP-030279	approved	34.108	277	1	Rel-4	Corrections to default message contents of Radio Bearer Release	F	4.8.0	4.9.0	T1	T1-031594	Agreed	TEI4
TP-030279	approved	34.108	278	1	R99	Modification to default DPCCH_Power_offset value	F	3.13.0	3.14.0	T1	T1-031597	Agreed	TEI
TP-030279	approved	34.108	279	1	Rel-4	Modification to default DPCCH_Power_offset value	A	4.8.0	4.9.0	T1	T1-031598	Agreed	TEI4
TP-030279	approved	34.108	282	-	R99	Correction of TFCS for radio bearer combination 6.10.2.4.1.51b	F	3.13.0	3.14.0	T1	T1-031526	Agreed	TEI
TP-030279	approved	34.108	283	-	Rel-4	Correction of TFCS for radio bearer combination 6.10.2.4.1.51b	A	4.8.0	4.9.0	T1	T1-031527	Agreed	TEI4
TP-030280	approved	34.121	298	-	Rel-5	CR to 34.121: Correction to Inter-system Handover from UTRAN FDD to GSM	F	5.1.1	5.2.0	T1	T1-031356	Agreed	TEI5
TP-030280	approved	34.121	299	-	Rel-5	CR to 34.121: Correction to Power control in DL, initial convergence test case	F	5.1.1	5.2.0	T1	T1-031357	Agreed	TEI5
TP-030280	approved	34.121	300	1	Rel-5	Introduction of reference to RRM test tolerances TR	F	5.1.1	5.2.0	T1	T1-031561	Agreed	TEI5
TP-030280	approved	34.121	301	1	Rel-5	Introduction of Test Tolerances to Cell Reselection tests 8.2.2.1 & 8.2.2.2	F	5.1.1	5.2.0	T1	T1-031562	Agreed	TEI5
TP-030280	approved	34.121	302	1	Rel-5	Introduction of Test Tolerances to Cell Re-selection in CELL_PCH tests 8.3.6.1 & 8.3.6.2	F	5.1.1	5.2.0	T1	T1-031563	Agreed	TEI5
TP-030280	approved	34.121	303	1	Rel-5	Clarification of Downlink Physical Channel in table E.3.1	F	5.1.1	5.2.0	T1	T1-031565	Agreed	TEI5
TP-030280	approved	34.121	304	1	Rel-5	CR to 34.121: Correction to FDD/FDD Soft Handover test case	F	5.1.1	5.2.0	T1	T1-031605	Agreed	TEI5
TP-030280	approved	34.121	306	1	Rel-5	Correction to F.1.5 Requirements for support of RRM	F	5.1.1	5.2.0	T1	T1-031627	Agreed	TEI5
TP-030280	approved	34.121	307	2	Rel-5	Addition of two new test cases; 7.11 (Demodulation of paging channel (PCH)) and 7.12 (Detection of acquisition indicator (AI)).	F	5.1.1	5.2.0	T1	T1-031613	Agreed	TEI5
TP-030280	approved	34.121	308	1	Rel-5	Correction to RRM test case 8.3.5.3	F	5.1.1	5.2.0	T1	T1-031606	Agreed	TEI5
TP-030280	approved	34.121	309	1	Rel-5	FDD inter-frequency cell identification and measurement reporting test case	F	5.1.1	5.2.0	T1	T1-031566	Agreed	TEI5
TP-030280	approved	34.121	310	1	Rel-5	Changes to section 8.4.3, TFC selection requirements for codec mode switch	F	5.1.1	5.2.0	T1	T1-031567	Agreed	TEI5
TP-030280	approved	34.121	311	1	Rel-5	Performance requirement for HSDPA skeleton section added	F	5.1.1	5.2.0	T1	T1-031624	Agreed	TEI5
TP-030280	approved	34.121	312	1	Rel-5	New test requirements for Demodulation of HS-DSCH (fixed reference channel) single link performance	F	5.1.1	5.2.0	T1	T1-031625	Agreed	TEI5
TP-030280	approved	34.121	313	1	Rel-5	New test requirements for reporting of HS-DSCH Channel Quality Indicator (CQI) AWGN propagation conditions	F	5.1.1	5.2.0	T1	T1-031626	Agreed	TEI5
TP-030280	approved	34.121	314	1	Rel-5	Correction of clause 4.2 Frequency bands	B	5.1.1	5.2.0	T1	T1-031551	Agreed	TEI5
TP-030280	approved	34.121	315	1	Rel-5	Clause 4.4 Channel arrangement for DS-CDMA Introduction in the 800 MHz Band	B	5.1.1	5.2.0	T1	T1-031552	Revised	TEI5
TP-030280	approved	34.121	316	1	Rel-5	DS-CDMA Introduction in the 800 MHz Band	B	5.1.1	5.2.0	T1	T1-031553	Revised	TEI5
TP-030280	approved	34.121	317	1	Rel-5	Correction and maintenance of Annex H and DS-CDMA Introduction in the 800 MHz Band	B	5.1.1	5.2.0	T1	T1-031556	Agreed	TEI5

TP-030280	approved	34.121	318	1	Rel-5	Correction of clause 8.7.3C UE transmitted power	F	5.1.1	5.2.0	T1	T1-031604	Agreed	TEI5
TP-030280	approved	34.121	319	-	Rel-5	Correction to RRM test case 8.3.2.1	F	5.1.1	5.2.0	T1	T1-031445	Agreed	TEI5
TP-030280	approved	34.121	320	1	Rel-5	Update of initial conditions for RF test cases	F	5.1.1	5.2.0	T1	T1-031612	Agreed	TEI5
TP-030280	approved	34.121	321	1	Rel-5	12.2 kbit/s RMC is insufficient for BLER testing	F	5.1.1	5.2.0	T1	T1-031611	Agreed	TEI5
TP-030280	approved	34.121	324	1	Rel-5	Test requirements for RRM CPICH_Ec/Io Intra Frequency Measurement	F	5.1.1	5.2.0	T1	T1-031570	Agreed	TEI5
TP-030280	approved	34.121	325	1	Rel-5	Test requirements for RRM CPICH_Ec/Io Inter Frequency Measurement	F	5.1.1	5.2.0	T1	T1-031571	Agreed	TEI5
TP-030280	approved	34.121	327	1	Rel-5	Test requirements for RRM CPICH RSCP Intra Frequency Measurement	F	5.1.1	5.2.0	T1	T1-031568	Agreed	TEI5
TP-030280	approved	34.121	328	1	Rel-5	Test requirements for RRM CPICH RSCP Inter Frequency Measurement	F	5.1.1	5.2.0	T1	T1-031569	Agreed	TEI5
TP-030280	approved	34.121	329	-	Rel-5	Introduction of Test Tolerances to Cell Re-selection in URA_PCH tests 8.3.7.1 & 8.3.7.2	F	5.1.1	5.2.0	T1	T1-031564	Agreed	TEI5
TP-030280	approved	34.121	330	1	Rel-5	Correction on Random Access test cases	F	5.1.1	5.2.0	T1	T1-031692	Agreed	TEI5
TP-030280	approved	34.121	331	-	Rel-5	Correction to W-CDMA modulated interferer definition	F	5.1.1	5.2.0	T1	T1-031652	Agreed	TEI5
TP-030280	approved	34.121	332	-	Rel-5	Addition to Scope clause to clarify applicability of tests to Releases	F	5.1.1	5.2.0	T1	T1-031694	Agreed	TEI5
TP-030281	approved	34.122	181	1	Rel-4	Addition of LCR GSM neighbour reporting	F	4.9.0	4.10.0	T1	T1-031615	Agreed	TEI4
TP-030281	approved	34.122	182	1	Rel-4	Addition of LCR GSM handover test	F	4.9.0	4.10.0	T1	T1-031616	Agreed	TEI4
TP-030281	approved	34.122	183	1	Rel-4	Update to LCR GSM RSSI measurement	F	4.9.0	4.10.0	T1	T1-031617	Agreed	TEI4
TP-030281	approved	34.122	184	1	Rel-4	Update to inter frequency measurements	F	4.9.0	4.10.0	T1	T1-031618	Agreed	TEI4
TP-030281	approved	34.122	185	1	Rel-4	Correction of LCR ISCP test case	F	4.9.0	4.10.0	T1	T1-031619	Agreed	TEI4
TP-030281	approved	34.122	186	1	Rel-5	Addition of TDD HSDPA section & creation Rel 5	B	4.9.0	5.0.0	T1	T1-031620	Agreed	TEI5
TP-030281	approved	34.122	187	1	Rel-5	HSDPA HS DSCH throughput (fixed and variable)	B	4.9.0	5.0.0	T1	T1-031621	Agreed	TEI5
TP-030281	approved	34.122	188	1	Rel-5	Addition of Reporting of HS DSCH CQI	B	4.9.0	5.0.0	T1	T1-031622	Agreed	TEI5
TP-030281	approved	34.122	189	1	Rel-5	Addition of HS-SCCH Detection Performance	B	4.9.0	5.0.0	T1	T1-031623	Agreed	TEI5
TP-030281	approved	34.122	190	-	R99	Replace technical content by pointer to Rel-5 version	D	3.11.0	3.12.0	T1	T1-032000	Agreed	TEI
TP-030281	approved	34.122	191	-	Rel-4	Replace technical content by pointer to Rel-5 version	D	4.9.0	4.10.0	T1	T1-032001	Agreed	TEI4
TP-030282	approved	34.123-1	584	1	Rel-5	Section 7.1.1: correction of coding of the Target Channel Type Field on FACH for TDD	F	5.5.0	5.6.0	T1	T1-031667	Agreed	TEI5
TP-030282	approved	34.123-1	591	2	Rel-5	Clarifications in low priority test case 11.1.2 PDP context activation requested by the network, successful and unsuccessful	F	5.5.0	5.6.0	T1	T1-031679	Agreed	TEI5
TP-030282	approved	34.123-1	592	1	Rel-5	Maintenance of low priority test case 11.2.1 Network initiated PDP context modification	F	5.5.0	5.6.0	T1	T1-031488	Agreed	TEI5
TP-030282	approved	34.123-1	593	1	Rel-5	P2 Inter-system handover	F	5.5.0	5.6.0	T1	T1-031640	Agreed	TEI5
TP-030282	approved	34.123-1	594	1	Rel-5	P4 Inter-system handover	F	5.5.0	5.6.0	T1	T1-031641	Agreed	TEI5
TP-030282	approved	34.123-1	595	1	Rel-5	CR on Package 1 SM test case 11.1.1.1 Attach initiated by context activation/QoS Offered by Network is the QoS Requested	F	5.5.0	5.6.0	T1	T1-031682	Agreed	TEI5
TP-030282	approved	34.123-1	596	1	Rel-5	CR on Package 1 SM test cases 11.3.1 PDP context deactivation initiated by the UE and 11.3.2 PDP context deactivation initiated by the UE	F	5.5.0	5.6.0	T1	T1-031696	Agreed	TEI5

TP-030282	approved	34.123-1	598	1	Rel-5	P2 Idle Mode 6.2.1.1	F	5.5.0	5.6.0	T1	T1-031634	Agreed	TEI5
TP-030282	approved	34.123-1	599	1	Rel-5	CR 34.123-1 Rel-5: 12.4.2.4 Combined routing area updating / rejected / PLMN not allowed	F	5.5.0	5.6.0	T1	T1-031657	Agreed	TEI5
TP-030282	approved	34.123-1	600	3	Rel-5	CR 34.123-1 Rel-5: 12.4.2.5a Combined routing area updating / rejected / roaming not allowed in this location area	F	5.5.0	5.6.0	T1	T1-031681	Agreed	TEI5
TP-030282	approved	34.123-1	601	1	Rel-5	New RLC test case on reconfiguration of RLC parameters by upper layers	F	5.5.0	5.6.0	T1	T1-031631	Agreed	TEI5
TP-030282	approved	34.123-1	602	-	Rel-5	New RRC test cases on Paging	F	5.5.0	5.6.0	T1	T1-031390	Agreed	TEI5
TP-030282	approved	34.123-1	603	1	Rel-5	Removal of session management test cases on QoS negotiation (Package 3+4)	F	5.5.0	5.6.0	T1	T1-031599	Agreed	TEI5
TP-030282	approved	34.123-1	604	1	Rel-5	Introduction of test cases on A-GPS positioning	F	5.5.0	5.6.0	T1	T1-031632	Agreed	TEI5
TP-030282	approved	34.123-1	605	1	Rel-5	Removal of Low priority RRC Measurement test cases	F	5.5.0	5.6.0	T1	T1-031668	Agreed	TEI5
TP-030282	approved	34.123-1	606	1	Rel-5	New RRC test case on soft handover for muliple radio links	F	5.5.0	5.6.0	T1	T1-031672	Agreed	TEI5
TP-030282	approved	34.123-1	607	1	Rel-5	Corrections to RRC test cases affected by NAS timer T3317	F	5.5.0	5.6.0	T1	T1-031587	Agreed	TEI5
TP-030282	approved	34.123-1	608	1	Rel-5	Updates to 6.2 series test cases	F	5.5.0	5.6.0	T1	T1-031635	Agreed	TEI5
TP-030282	approved	34.123-1	609	1	Rel-5	Corrections and updates on 8.1 RRC Connection Management Procedure for TDD mode	F	5.5.0	5.6.0	T1	T1-031646	Agreed	TEI5
TP-030282	approved	34.123-1	610	1	Rel-5	Corrections and updates on 8.1.6 RRC Connection Management Procedure for TDD mode, Direct Transfer	F	5.5.0	5.6.0	T1	T1-031647	Agreed	TEI5
TP-030282	approved	34.123-1	611	1	Rel-5	Corrections and updates on 8.2.1 Radio Bearer control procedure, Radio Bearer Establishment for TDD mode	F	5.5.0	5.6.0	T1	T1-031648	Agreed	TEI5
TP-030282	approved	34.123-1	612	1	Rel-5	Corrections and updates on 8.2.2 Radio Bearer control procedure, Radio Bearer Reconfiguration for TDD mode	F	5.5.0	5.6.0	T1	T1-031649	Agreed	TEI5
TP-030282	approved	34.123-1	613	1	Rel-5	Correction of references for section 18, RAB testing of TDD 1.28 Mcps option	F	5.5.0	5.6.0	T1	T1-031650	Agreed	TEI5
TP-030282	approved	34.123-1	614	-	Rel-5	CR to 34.123-1 R5; Delay between activation and deactivation of compressed mode in package 4 test case 8.4.1.43	F	5.5.0	5.6.0	T1	T1-031425	Agreed	TEI5
TP-030282	approved	34.123-1	616	-	Rel-5	Modification for GMM test cases	F	5.5.0	5.6.0	T1	T1-031708	Agreed	TEI5
TP-030282	approved	34.123-1	617	-	Rel-5	CR 34.123-1 Rel-5: P3 TC 8.4.1.28 Measurement Control and Report: UE internal measurement for events 6F and 6G	F	5.5.0	5.6.0	T1	T1-031442	Agreed	TEI5
TP-030282	approved	34.123-1	618	-	Rel-5	CR 34.123-1 Rel-5: Removal of P3 TC 10.1.3.3.3 Incoming call / U9 mobile terminating call confirmed / termination requested by the user	F	5.5.0	5.6.0	T1	T1-031443	Agreed	TEI5
TP-030282	approved	34.123-1	619	-	Rel-5	General correction of CM TGD parameter	F	5.5.0	5.6.0	T1	T1-031453	Agreed	TEI5
TP-030282	approved	34.123-1	621	2	Rel-5	Modification to RRC TC 8.3.3.1 – Assign different C-RNTI in UTRAN MOBILITY INFORMATION	F	5.5.0	5.6.0	T1	T1-031642	Agreed	TEI5
TP-030282	approved	34.123-1	622	1	Rel-5	Correction to RRC P1 test case 8.1.1.8	F	5.5.0	5.6.0	T1	T1-031577	Agreed	TEI5
TP-030282	approved	34.123-1	623	2	Rel-5	Correction to RRC P2 test case 8.4.1.17	F	5.5.0	5.6.0	T1	T1-031686	Agreed	TEI5
TP-030282	approved	34.123-1	624	-	Rel-5	Correction to GMM P2 test case 12.4.2.2	F	5.5.0	5.6.0	T1	T1-031474	Agreed	TEI5

TP-030282	approved	34.123-1	625	-	Rel-5	Correction to GMM P4 test case 12.4.1.4c	F	5.5.0	5.6.0	T1	T1-031475	Agreed	TEI5
TP-030282	approved	34.123-1	626	1	Rel-5	CR for P1 test cases 8.3.4.1 and 8.4.1.1	F	5.5.0	5.6.0	T1	T1-031655	Agreed	TEI
TP-030282	approved	34.123-1	628	-	Rel-5	Package 3 test case 8.3.2.11	F	5.5.0	5.6.0	T1	T1-031494	Agreed	TEI5
TP-030282	approved	34.123-1	629	2	Rel-5	Package 1 test case 8.1.2.2	F	5.5.0	5.6.0	T1	T1-031688	Agreed	TEI5
TP-030282	approved	34.123-1	630	-	Rel-5	Low priority test cases 8.2.5.4	F	5.5.0	5.6.0	T1	T1-031496	Agreed	TEI5
TP-030282	approved	34.123-1	631	1	Rel-5	Traffic volume measurement test cases	F	5.5.0	5.6.0	T1	T1-031582	Agreed	TEI5
TP-030282	approved	34.123-1	632	-	Rel-5	Package 4 test case 8.2.1.26	F	5.5.0	5.6.0	T1	T1-031498	Agreed	TEI5
TP-030282	approved	34.123-1	633	-	Rel-5	Package 4 test case 9.5.7.1	F	5.5.0	5.6.0	T1	T1-031499	Agreed	TEI5
TP-030282	approved	34.123-1	634	-	Rel-5	Low priority test cases 8.2.3.26	F	5.5.0	5.6.0	T1	T1-031500	Agreed	TEI5
TP-030282	approved	34.123-1	635	1	Rel-5	Package 2 test case 8.4.1.14	F	5.5.0	5.6.0	T1	T1-031583	Agreed	TEI5
TP-030282	approved	34.123-1	636	-	Rel-5	Low priority test cases 8.3.1.29 and 8.3.1.30	F	5.5.0	5.6.0	T1	T1-031502	Agreed	TEI5
TP-030282	approved	34.123-1	637	-	Rel-5	Low priority test cases 8.3.1.26 and 8.3.1.28	F	5.5.0	5.6.0	T1	T1-031503	Agreed	TEI5
TP-030282	approved	34.123-1	638	1	Rel-5	Package 2 test case 8.4.1.7	F	5.5.0	5.6.0	T1	T1-031630	Agreed	TEI5
TP-030282	approved	34.123-1	640	-	Rel-5	Editorial Correction to RRC test case 8.3.2.13	F	5.5.0	5.6.0	T1	T1-031512	Agreed	TEI5
TP-030282	approved	34.123-1	642	1	Rel-5	Correction to GMM Low Priority test case 12.4.3.3	F	5.5.0	5.6.0	T1	T1-031578	Agreed	TEI5
TP-030282	approved	34.123-1	643	1	Rel-5	Correction to Package 1 test case 7.2.3.13.	F	5.5.0	5.6.0	T1	T1-031638	Agreed	TEI5
TP-030282	approved	34.123-1	644	-	Rel-5	Correction to clause 8.1.2.1 to match TTCN	F	5.5.0	5.6.0	T1	T1-031525	Agreed	TEI5
TP-030282	approved	34.123-1	645	2	Rel-5	Correction to package 3 test case 14.2.51b	F	5.5.0	5.6.0	T1	T1-031685	Agreed	TEI5
TP-030282	approved	34.123-1	646	1	Rel-5	Removal of package 1 RRC test case 8.2.5.1	F	5.5.0	5.6.0	T1	T1-031656	Agreed	TEI5
TP-030282	approved	34.123-1	647	-	Rel-5	Correction to TC 8.4.1.5 (Package 1)	F	5.5.0	5.6.0	T1	T1-031531	Agreed	TEI5
TP-030282	approved	34.123-1	648	-	Rel-5	General Modification to clause 9 – MM test cases – to be run only in NMOII	F	5.5.0	5.6.0	T1	T1-031683	Agreed	TEI5
TP-030282	approved	34.123-1	649	-	Rel-5	CR to P2 GMM TC 12.2.1.3	F	5.5.0	5.6.0	T1	T1-031689	Agreed	TEI5
TP-030283	approved	34.123-2	121	-	Rel-5	New RLC test case on reconfiguration of RLC parameters by upper layers	F	5.5.0	5.6.0	T1	T1-031395	Agreed	TEI5
TP-030283	approved	34.123-2	122	-	Rel-5	New RRC test cases on Paging	F	5.5.0	5.6.0	T1	T1-031396	Agreed	TEI5
TP-030283	approved	34.123-2	123	1	Rel-5	Removal of session management test cases on QoS negotiation (Package 3+4)	F	5.5.0	5.6.0	T1	T1-031600	Agreed	TEI5
TP-030283	approved	34.123-2	124	1	Rel-5	Introduction of test cases on A-GPS positioning	F	5.5.0	5.6.0	T1	T1-031633	Agreed	TEI5
TP-030283	approved	34.123-2	125	1	Rel-5	Correction of Applicability table for RRC Measurement test cases	F	5.5.0	5.6.0	T1	T1-031678	Agreed	TEI5
TP-030283	approved	34.123-2	126	-	Rel-5	New RRC test case on soft handover for muliple radio links	F	5.5.0	5.6.0	T1	T1-031400	Agreed	TEI5
TP-030283	approved	34.123-2	127	-	Rel-5	CR 34.123-2 Rel-5: Removal of P3 TC 10.1.3.3.3 Incoming call / U9 mobile terminating call confirmed / termination requested by the user	F	5.5.0	5.6.0	T1	T1-031444	Agreed	TEI5
TP-030283	approved	34.123-2	133	-	Rel-5	Removal of package 1 RRC test case 8.2.5.1	F	5.5.0	5.6.0	T1	T1-031530	Agreed	TEI5
TP-030283	approved	34.123-2	134	1	Rel-5	Add new PICS parameters	F	5.5.0	5.6.0	T1	T1-031584	Agreed	TEI5
TP-030283	approved	34.123-2	135	-	Rel-5	Change of applicability for RLC P1 TC 7.2.3.13	F	5.5.0	5.6.0	T1	T1-031639	Agreed	TEI5
TP-030283	approved	34.123-2	136	-	Rel-5	CR on Package 1 SM test cases 11.3.1 PDP context deactivation initiated by the UE and 11.3.2 PDP context deactivation initiated by the UE	F	5.5.0	5.6.0	T1	T1-031709	Agreed	TEI5

TP-030284	approved	34.123-3	141	2	R99	Correction to Package 1 test case 11.3.1.	F	3.3.0	3.4.0	T1	T1-031684	Agreed	TEI
TP-030284	approved	34.123-3	142	3	R99	ASP changes and MMI string corrections	F	3.3.0	3.4.0	T1	T1-031707	Agreed	TEI
TP-030284	approved	34.123-3	142	4	R99	Security ASP changes	F	3.3.0	3.4.0	T1	T1-031732	Agreed	TEI
TP-030284	approved	34.123-3	144	-	R99	Approval of RLC test case 7.2.3.12	B	3.3.0	3.4.0	T1	T1-031455	Agreed	TEI
TP-030284	approved	34.123-3	xxx	-	R99	Correction of two Tabular PDU Constraint Declarations in MAC ATS V3.3.0	F	3.3.0	3.4.0	T1	T1-031585	Agreed	TEI
TP-030285	approved	34.123-3	xxx	-	R99	Updating Annex A	F	3.3.0	3.4.0	MCC	TP-030285	-	TEI
TP-030296	approved	34.121	315	2	Rel-5	Clause 4.4 Channel arrangement for DS-CDMA Introduction in the 800 MHz Band	B	5.1.1	5.2.0	T1	T1-032002	Agreed	TEI5
TP-030296	approved	34.121	316	2	Rel-5	DS-CDMA Introduction in the 800 MHz Band	B	5.1.1	5.2.0	T1	T1-032003	Agreed	TEI5
TP-030303	approved	34.123-3	xxx	-	R99	Correction of two SM TCs to be consistent with 34.123-1	F	3.3.0	3.4.0	Anite Tele	TP-030303	-	TEI
TP-030267	approved	23.041	015	-	Rel-5	CB Data structure	F	5.1.0	5.2.0	T2	T2-030574	agreed	TEI5
TP-030267	approved	23.041	016	-	Rel-6	CB Data structure	A	6.1.0	6.2.0	T2	T2-030575	agreed	TEI5
TP-030268	approved	23.140	140	-	Rel-6	Correction in MM1-MM4/MM7 header mapping	F	6.3.0	6.4.0	T2	T2-030587	agreed	MMS6
TP-030268	approved	23.140	141	-	Rel-6	Clarifying the Element of Information "Linked ID"	F	6.3.0	6.4.0	T2	T2-030624	agreed	MMS6
TP-030268	approved	23.140	142	-	Rel-6	Cleaning up last references to RFC822, and deletion of non existing /TYPE=rfc822	F	6.3.0	6.4.0	T2	T2-030625	agreed	MMS6
TP-030268	approved	23.140	143	-	Rel-6	Conditional delivery mechanism for MMS	B	6.3.0	6.4.0	T2	T2-030629	agreed	MMS6
TP-030268	approved	23.140	144	-	Rel-6	Automatic and Manual Retrieval Modes	F	6.3.0	6.4.0	T2	T2-030630	agreed	MMS6
TP-030268	approved	23.140	145	-	Rel-6	MM4 addressing	F	6.3.0	6.4.0	T2	T2-030631	agreed	MMS6
TP-030268	approved	23.140	146	-	Rel-6	Addition of missing MM7 Delivery report status codes	F	6.3.0	6.4.0	T2	T2-030635	agreed	MMS6
TP-030268	approved	23.140	147	-	Rel-6	MM7, Allow Adaptations default value	F	6.3.0	6.4.0	T2	T2-030636	agreed	MMS6
TP-030268	approved	23.140	148	-	Rel-5	Correcting references to ENUM & HLR	F	5.8.0	5.9.0	T2	T2-030642	agreed	MESS5-MMS
TP-030246	approved	11.10-4	A055	-	R99	Introduction of "MO Short Message Control by SIM" envelope testing	B	8.5.0	8.6.0	T3	T3-031007	agreed	TEI
TP-030246	approved	11.10-4	A056	-	R99	Re-Introduction of changes already approved at the last T3.	F	8.5.0	8.6.0	T3	T3-031008	agreed	TEI
TP-030246	approved	11.10-4	A057	-	R99	CR 11.10-4 R99: Essential corrections	F	8.5.0	8.6.0	T3	T3-031009	agreed	TEI
TP-030246	approved	11.10-4	A058	-	R99	CR 11-10.4 R99: Essential corrections to 27.22.4.14 "POLLING OFF"	F	8.5.0	8.6.0	T3	T3-031010	agreed	TEI
TP-030246	approved	11.10-4	A059	-	R99	CR 11.10-4 R99: Essential corrections to Send DTMF test cases	F	8.5.0	8.6.0	T3	T3-031011	agreed	TEI
TP-030246	approved	11.10-4	A060	-	R99	Introduction of BIP testing in GPRS	F	8.5.0	8.6.0	T3	T3-031039	agreed	TEI
TP-030247	approved	11.11	A137	-	R99	Correction to procedures for service no 21, 22 and 23	F	8.10.0	8.11.0	T3	T3-030948	agreed	TEI
TP-030247	revised	11.11	A138	-	R99	Alignment of EF-HPLMN Search Period with 22.011 and 23.122	F	8.10.0		T3	T3-031017	agreed	TEI
TP-030248	approved	51.011	027	-	Rel-4	Correction to procedures for service no 21, 22 and 23	F	4.9.0	4.10.0	T3	T3-030949	agreed	TEI
TP-030248	revised	51.011	028	-	Rel-4	Alignment of EF-HPLMN Search Period with 22.011 and 23.122	A	4.9.0		T3	T3-031018	agreed	TEI
TP-030248	approved	51.011	029	-	Rel-4	Removal of references to TS 02.07	F	4.9.0	4.10.0	T3	T3-031031	agreed	TEI

TP-030248	approved	51.011	030	-	Rel-4	Removal of references to TS 04.08	F	4.9.0	4.10.0	T3	T3-031032	agreed	TEI
TP-030249	approved	11.14	A218	-	R99	Clarification on user confirmation for OPEN CHANNEL	F	8.14.0	8.15.0	T3	T3-030986	agreed	TEI
TP-030250	approved	51.014	004	-	Rel-4	Multiple inconsistency corrections	F	4.2.0	4.3.0	T3	T3-030940	agreed	TEI
TP-030251	approved	31.102	163	-	R99	Removal of references to TS 02.07	F	3.14.0	3.15.0	T3	T3-030959	agreed	TEI
TP-030251	approved	31.102	164	-	Rel-4	Removal of references to TS 02.07	A	4.10.0	4.11.0	T3	T3-030960	agreed	TEI
TP-030251	approved	31.102	165	-	Rel-5	Removal of references to TS 02.07	A	5.6.0	5.7.0	T3	T3-030961	agreed	TEI
TP-030251	approved	31.102	166	-	Rel-6	Removal of references to TS 02.07	A	6.3.0	6.4.0	T3	T3-030962	agreed	TEI
TP-030251	approved	31.102	167	-	R99	Correction of T=0 protocol parameters	F	3.14.0	3.15.0	T3	T3-030947	agreed	TEI
TP-030251	approved	31.102	168	-	Rel-4	Correction of T=0 protocol parameters	A	4.10.0	4.11.0	T3	T3-030979	agreed	TEI
TP-030251	approved	31.102	169	-	Rel-5	Correction of T=0 protocol parameters	A	5.6.0	5.7.0	T3	T3-030982	agreed	TEI
TP-030251	approved	31.102	170	-	R99	Corrections on files for support of GSM services using USIM / NIA	F	3.14.0	3.15.0	T3	T3-030989	agreed	TEI
TP-030251	approved	31.102	171	-	Rel-4	Corrections on files for support of GSM services using USIM / NIA	A	4.10.0	4.11.0	T3	T3-030990	agreed	TEI
TP-030251	approved	31.102	172	-	Rel-5	Corrections on files for support of GSM services using USIM / NIA	A	5.6.0	5.7.0	T3	T3-030991	agreed	TEI
TP-030251	approved	31.102	173	-	Rel-6	Corrections on files for support of GSM services using USIM / NIA	A	6.3.0	6.4.0	T3	T3-030992	agreed	TEI
TP-030251	approved	31.102	174	-	R99	Support of GSM services on USIM	F	3.14.0	3.15.0	T3	T3-030993	agreed	TEI
TP-030251	approved	31.102	175	-	Rel-4	Support of GSM services on USIM	A	4.10.0	4.11.0	T3	T3-030994	agreed	TEI
TP-030251	approved	31.102	176	-	Rel-5	Support of GSM services on USIM	A	5.6.0	5.7.0	T3	T3-030995	agreed	TEI
TP-030251	approved	31.102	177	-	Rel-6	Support of GSM services on USIM	A	6.3.0	6.4.0	T3	T3-030996	agreed	TEI
TP-030251	approved	31.102	178	-	R99	Corrections on files for support of GSM services using USIM - ASCI Files	F	3.14.0	3.15.0	T3	T3-030997	agreed	TEI
TP-030251	approved	31.102	179	-	Rel-4	Corrections on files for support of GSM services using USIM - ASCI Files	A	4.10.0	4.11.0	T3	T3-030998	agreed	TEI
TP-030251	approved	31.102	180	-	Rel-5	Corrections on files for support of GSM services using USIM - ASCI Files	A	5.6.0	5.7.0	T3	T3-030999	agreed	TEI
TP-030251	approved	31.102	181	-	Rel-6	Corrections on files for support of GSM services using USIM - ASCI Files	A	6.3.0	6.4.0	T3	T3-031000	agreed	TEI
TP-030251	revised	31.102	182	-	R99	Alignment of EF-HPLMN Search Period with 22.011 and 23.122	F	3.14.0		T3	T3-031019	agreed	TEI
TP-030251	revised	31.102	183	-	Rel-4	Alignment of EF-HPLMN Search Period with 22.011 and 23.122	A	4.10.0		T3	T3-031020	agreed	TEI
TP-030251	revised	31.102	184	-	Rel-5	Alignment of EF-HPLMN Search Period with 22.011 and 23.122	A	5.6.0		T3	T3-031021	agreed	TEI
TP-030251	revised	31.102	185	-	Rel-6	Alignment of EF-HPLMN Search Period with 22.011 and 23.122	A	6.3.0		T3	T3-031022	agreed	TEI
TP-030251	approved	31.102	186	-	R99	Correction of SFI support	F	3.14.0	3.15.0	T3	T3-030955	agreed	TEI
TP-030251	approved	31.102	187	-	Rel-4	Correction of SFI support	A	4.10.0	4.11.0	T3	T3-030956	agreed	TEI
TP-030251	approved	31.102	188	-	Rel-5	Correction of SFI support	A	5.6.0	5.7.0	T3	T3-030957	agreed	TEI
TP-030251	approved	31.102	189	-	Rel-6	Editorial corrections for Image files	D	6.3.0	6.4.0	T3	T3-030958	agreed	TEI
TP-030251	approved	31.102	190	-	Rel-6	Expansion of Message Waiting Indication Status EFs	C	6.3.0	6.4.0	T3	T3-030977	agreed	TEI

TP-030251	approved	31.102	191	-	R99	Correction to the description of mandatory SFIs	F	3.14.0	3.15.0	T3	T3-030980	agreed	TEI
TP-030251	approved	31.102	192	-	Rel-4	Correction to the description of mandatory SFIs	A	4.10.0	4.11.0	T3	T3-031033	agreed	TEI
TP-030251	approved	31.102	193	-	Rel-5	Correction to the description of mandatory SFIs	A	5.6.0	5.7.0	T3	T3-031034	agreed	TEI
TP-030251	approved	31.102	194	-	Rel-6	Correction to the description of mandatory SFIs	A	6.3.0	6.4.0	T3	T3-031035	agreed	TEI
TP-030251	approved	31.102	195	-	R99	Clarification of "free" entry in EF_EXT1/EF_EXT4	F	3.14.0	3.15.0	T3	T3-030963	agreed	TEI
TP-030251	approved	31.102	196	-	Rel-4	Clarification of "free" entry in EF_EXT1/EF_EXT4	F	4.10.0	4.11.0	T3	T3-030964	agreed	TEI
TP-030251	approved	31.102	197	-	Rel-5	Clarification of "free" entry in EF_EXT1/4/8	F	5.6.0	5.7.0	T3	T3-031036	agreed	TEI
TP-030251	approved	31.102	198	-	Rel-6	Clarification of "free" entry in EF_EXT1/4/8	F	6.3.0	6.4.0	T3	T3-031037	agreed	TEI
TP-030251	approved	31.102	199	-	Rel-6	Correction to Annex G Phonebook Example	F	6.3.0	6.4.0	T3	T3-030954	agreed	TEI
TP-030252	approved	31.103	010	-	Rel-5	Correction of T=0 protocol parameters	A	5.4.0	5.5.0	T3	T3-030983	agreed	TEI
TP-030253	-	31.111	100	-	Rel-6	Addition of ability to set up Video calls using the SET UP CALL command	B	5.5.0		T3	T3-030984	agreed	TEI
TP-030253	approved	31.111	101	-	Rel-5	Cell Broadcast Data Download	F	5.5.0	5.6.0	T3	T3-031001	agreed	TEI
TP-030253	approved	31.111	102	-	Rel-6	Cell Broadcast Data Download	F	5.5.0	6.0.0	T3	T3-031002	agreed	TEI
TP-030253	approved	31.111	103	-	R99	Clarification on user confirmation for OPEN CHANNEL	F	3.10.0	3.11.0	T3	T3-030987	agreed	TEI
TP-030254	approved	31.900	013	-	Rel-5	Inclusion of Rel-5 ME requirements for SIM / USIM support	F	5.3.0	5.4.0	T3	T3-030939	agreed	TEI
TP-030255	approved	31.115	003	-	Rel-6	Remove TS 23.040 duplicated information	F	6.2.0	6.3.0	T3	T3-031013	agreed	TEI
TP-030255	approved	31.115	004	-	Rel-6	Response Packet in Concatenated Short Messages Point to Point	B	6.2.0	6.3.0	T3	T3-031014	agreed	TEI
TP-030256	approved	31.122	016	-	R99	CR to 31.122 Rel 99: Editorial Corrections	D	3.6.0	3.7.0	T3	T3-031005	agreed	TEI
TP-030257	approved	23.048	036	-	Rel-5	Cell Broadcast Data Download secure messages in UMTS	F	5.7.0	5.8.0	T3	T3-031003	agreed	TEI
TP-030258	approved	51.013	002	-	Rel-4	Essential corrections	F	4.0.1	4.1.0	T3	T3-031025	agreed	TEI
TP-030258	approved	51.013	003	-	Rel-5	Essential corrections	F	5.0.1	5.1.0	T3	T3-031026	agreed	TEI
TP-030304	approved	11.11	A138	1	R99	Alignment of EF-HPLMN Search Period with 22.011 and 23.122	F	8.10.0	8.11.0	T	-	-	TEI
TP-030305	approved	51.011	028	1	Rel-4	Alignment of EF-HPLMN Search Period with 22.011 and 23.122	F	4.9.0	4.10.0	T	-	-	TEI
TP-030306	approved	31.102	182	1	R99	Alignment of EF-HPLMN Search Period with 22.011 and 23.122	F	3.14.0	3.15.0	T	-	-	TEI
TP-030307	approved	31.102	183	1	Rel-4	Alignment of EF-HPLMN Search Period with 22.011 and 23.122	A	4.10.0	4.11.0	T	-	-	TEI
TP-030308	approved	31.102	184	1	Rel-5	Alignment of EF-HPLMN Search Period with 22.011 and 23.122	A	5.6.0	5.7.0	T	-	-	TEI
TP-030309	approved	31.102	185	1	Rel-6	Alignment of EF-HPLMN Search Period with 22.011 and 23.122	A	6.3.0	6.4.0	T	-	-	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-030287	Updated WID Document	T1	approved
TP-030288	WI Sheet for new WT (A-GPS)	T1	approved
TP-030299	WID Handling of private addressing schemes in MMS	T2	approved conditionally (subject to SA's approval of the service requirement)
TP-030301	WID Multiple MMS Relay/Server Architecture	T2	approved
TP-030259	Work Item Description on: USAT Conformance Test Specification	T3	approved

ANNEX F   List of all officials within TSG-T

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

Position	Name	Organisation	Partner	Email	Tel
TSG-T (Terminals)					
Chair	Sang-Keun PARK	Samsung Electronics	TTA	skpark@samsung.com	+82-31-279-5300
Vice chair	Ed EHRLICH	Nokia Corporation	T1	ed.ehrlich@nokia.com	+1 972 894 4495
Vice chair	Kevin HOLLEY	mmO2	ETSI	kevin.holley@o2.com	+44 1473 605604
Secretary	Friedhelm RODERMUND	MCC (3GPP support)	3GPP	rodermund@etsi.org	+33 4 9294 4324
TSG-T WG1 (UE testing)					
Chair	Phillip BROWN	3	ETSI	phillip.brown@three.co.uk	+44 1628 765465
Vice chair	Dan FOX	Anritsu Ltd	ETSI	Dan.Fox@eu.anritsu.com	+44 7909 983357
Vice chair	Hisashi NAKAGOMI	NTT DoCoMo	ARIB	hisashi@cet.yrp.nttdocomo.co.jp	+81 468 40 3100
Secretary	Alain SULTAN	ETSI (3GPP support)	3GPP	sultan@etsi.org	+33 4 9294 4271
- RF Sub Working Group					
Convenor	Carolyn TAYLOR	Motorola	T1	Carolyn.Taylor@motorola.com	+1 847 523 0458
- Signalling Sub Working Group					
Convenor	Dan FOX	Anritsu Ltd	ETSI	dan.fox@eu.anritsu.com	+44 1582 433357
TSG-T WG2 (UE capabilities)					
Chair	Ian HARRIS	RIM	ETSI	iharris@rim.net	+44 7764217416
Vice chair	Paul VOSKAR	Nokia	ETSI	paul.voskar@nokia.com	+44 1252 867430
Secretary	Friedhelm RODERMUND	MCC (3GPP support)	3GPP	rodermund@etsi.org	+33 4 9294 4324
- Mobile Execution Environment (MExE) (Sub Working Group 1) DISSOLVED					
- UE Capabilities and Interfaces (Sub Working Group 2)					
Chair	Prem SOOD	Sharp	ARIB	pls@sharplabs.com	+1 360 834 8708
- Messaging (Sub Working Group 3)					
Chair	Josef LAUMEN	Siemens	ETSI	josef.laumen@sal.siemens.de	+49 53419062830
TSG-T WG3 (USIM)					
Chair	Nigel BARNES	Motorola	ETSI	nigel.barnes@motorola.com	+44 1256 790 169
Vice chair	Paul JOLIVET	DoCoMo Europe	ETSI	jolivet@docomo.fr	+33 1 5688 3030
Vice chair	Jean-Francois RUBON	GEMPLUS Card International	ETSI	jean-francois.rubon@gemplus.co	+33 442 366639
Secretary	Claus DIETZE	MCC (3GPP support)	3GPP	claus.dietze@etsi.org	+33 4 9294 4290
- API Sub Working Group					
Chair	Paul JOLIVET	DoCoMo Europe	ETSI	jolivet@docomo.fr	+33 1 5688 3030

ANNEX F　　　　　　　　　3GPP email lists and server information

F.1　General

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

F.2　Email lists

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

F.3　Sever location

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

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

F.4　Other useful URLs

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

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