Technical Specification Group

TERMINALS

(TSG-T)

v.0.0.0

preliminary DRAFT Meeting Report of TSG-T meeting #25
as distributed at the end of the meeting
Palm Springs, CA, USA, 8 - 10 September 2004

Hosted by North American Friends of 3GPP

Contents

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

1   Opening of the Meeting and reminder for IPR declaration

The meeting was opened by Dr. Sang-Keun PARK at 13:00. On behalf of the host, TSG-T vice chairman Ed EHRLICH (Nokia) welcomed delegates to the desert and wished them a nice stay in Palm Springs.

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 delegates to the meeting of this Technical Specification Group was 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 delegates were asked to take note that they were thereby invited:
>
>> to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP.
>
>> to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Statement and the Licensing declaration forms (http://webapp.etsi.org/Ipr/).

2   Approval of Agenda

TP-040136 contains the draft agenda for TSG-T#25. Document TP-040195 on TTCN update was added to agenda point 5.1.1. The agenda was approved and can be found in annex A of this report.

3   Approval of the meeting report from TSG-T#24 meeting

TP-040137 contains the draft report from TSG-T#24 (Seoul, Korea, 2–4 Jun 2004). It was approved.

4   Letters and reports from other groups, LS incoming

4.1   Reports from OP, PCG, TSG SA and others

TP-040138 contains the summary of TSG-SA#24 results related to TSG-T and was presented by the TSG-T secretary.
The document was noted.

TP-040139 contains the draft report of TSG-SA #23 (Phoenix, USA, 15 – 18 March 2004).
The report was noted without presentation.

4.2   LSs from TSG-SA, TSG-RAN, TSG-CN, TSG-GERAN and others
TP-040187 contains a letter from ITU-T Study Group 12 on Draft Question D/12 - Hands-free communication in vehicles. It contains several questions on the use of hands-free communications in vehicles.
Discussion:
-      It was suggested that 3GPP should keep a low profile in this topic since this now also involves legal and regulatory matters.
The LS was noted. It is up to individual members to reply to the questions in this document to the ITU.

TP-040192 contains an LS from TSG-RAN to TSG-T on the documents to be considered for the Revision 5 of Recommendation ITU-R M.1457. The Specifications under TSG T responsability listed in the Annex are contained in the current version of Rec. ITU-R M.1457. TSG RAN kindly asks TSG T to check whether this material is correct and complete. An answer from T was required by Thursday noon.

Discussion:

– It was clariuified that the non-RAN related specifications are on the list for explaining to the ITU the content of the whole UMTS system.

– It was clarifed that the listed specifications should be available as Rel-6 specifications after this TSG-T meeting, if possible.

The LS was noted.

TP-040175 contains an LS from CN to SSG cc RAN, SA, PCG on Input to Q.1741.4. TSG-CN plans to base the Q.1741.4 inputs on the Dec 2004 (TSG#26) outputs. The TSG-T secretary was actioned by TSG-SA#24 to copy this LS to TSG-T.

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-040155 contains the status report from T1 covering the period since the last TSG-T meeting. **TP-040156** contains the draft minutes from the last T1 meeting.

T1#24 was held in Toronto, 26 – 30 Jul 04, hosted by the North American Friends of 3GPP and was attended by 64 delegates

Over 440 documents processed during T1#24 resulting in approx 190 non-TTCN docs submitted for approval

The high pace of TTCN test case approvals was maintained. 57 TTCN test cases to be presented for approval on 8 Sep 04 and up to 8 more on 9 Sep 04. There is an approximately 21% increase on completed RRM test cases; overall completion now 88%.

5.1.1.1 RF test status

RRM progress

The proportion of complete RRM tests is now approximately 88%. There has been good progress on outstanding RRM test cases. This was an area of concern but the situation has been improved significantly.

Status of RF Specifications

The Status of RF Specifications TS 34.121, TS 34.122 was given. Estimated completion date of all GCF high priority tests is November 5th, 2004.

5.1.1.2 Signalling test status

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

The unification of all releases within the Rel 5 specification is now completed. RAB configurations to support HSDPA were added. General maintenance and corrections was performed as usual.

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

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

• Removal of idle mode test case test case 6.1.2.7 based on input from RAN 2

• Cooperation with T1 RF to resolve channel power offset issues in higher data rate test cases

• New test cases introduced to cover:

– MAC, TFC selection

– PDCP, Tests for RoHC

– RRC Inter RAT (1 test case)

– RRC Physical Channel Reconfiguration failure case

– RAB, new combination for Wideband AMR

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

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

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

The latest status was given: GCF Batch 1: 92 test cases; GCF Batch 2: 80 test cases; GCF Batch 3: 72 test cases, GCF Batch 4: 18 test cases. It was reported that there are also 14 more test cases pending approval, 8 of which are to be email approved on 8 Sep 04.

It was clarified that Batch 4 verification has started; none can be formally verified until batch 3 is 80% complete, until then good tests can be conditionally approved

Motorola has internally verified 51 P4 test cases against the March 2003 baseline.

TP-040147 contains the TTCN Project Team (160) report on the results of the last three months.

The progress status of TTCN test case development was given. 63 new test cases are presented to this meeting for approval reaching 272 test cases approved in total.

- Reached the P3 milestone 80% (this week)
- Started P4 verification
    – 22 TCs for approval
    – Another 10 TCs in the e-mail approval queue
- P1 and P2 verifications are going on
    – Reached P1:94%, P2:86%

68 k€ 3GPP funding contracted to CCSA / TDIA for LCR TDD TTCN in 2004. Two CCSA / TDIA teams alternated working at ETSI for TDD. 101 TDD TCs derived from FDD and been available. The FDD verification results imported to TDD. Expected to complete another 50 TCs by end of the year

The funding requirements for 2005 were outlined. TSG-T was requested to agree and to request PCG/OP for 2005 funding of 73 mm.

TP-040195 contains a TTCN status update. An update of the percentage of completion of each Batch was given.

- Batch 4 tests are fully approved as Batch 3 is now 80% verified
- In total, 65 new test cases have been verified since T#24
- At least another 55 Batch 4 tests need to be verified by early Nov 04
- Very high level of commitment and cooperation by relevant parties
- Monumental effort still required to hit the T1 target by the summit day
- The T1 expressed his thanks to the test industry, the handset manufactures, MCC task 160 and all others involved for this tremendous progress.

The document was noted

TP-040199 contains the TF 160 budget proposal. It is estimated that TF 160 will need a minimum of 73 man months in 2005 to continue the development of common and publicly available abstract test suites using TTCN, in order to stabilise the achievements so far and to test the new 3G features in accordance with the demands of the 3G industry. TSG T is asked to agree and approve the request for 73 man months of funding to support TF 160 in 2005.

- In case the suggested budget is not approved the impact would be that T1 would have to find a way to close the gap or to make proposals on where to do the cuts.
- The PCG might give some guidance on the priorities.

The document was noted.

During the discussion of the TTCN Project Team report the following comments were made:

– The funding request was discussed: It was commented that an PCG agreement of the suggested increase of the budget might be unlikely. It was announced that a funding and finance meeting will take place the week after TSG-T#25 where this issue will also be discussed.

- The need for 9mm for the RCM was questioned. The T1 chairman explained that this task is required for continuity reasons and because there is a high amount of work to be managed including the development of parallel streams of the abstract test suites.

- The T1 chairman clarified that slide 8 of the document identified the needs of the funding for the various tasks. If the partners want to spend less budget than proposed then it has to be elaborated where to do the cuts. It was clarified that the proposal on slide 8 is a joint Task 160 and T1 Chair proposal. T1 had been informed of the likely budget required although it has not been necessary for the budget to be formally approved by T1.

- One solution could be to remove the 16mm for TDD which would then result in a total of 57mm. If cuts have to be done then according to the T1 chairman the highest priority should be to continue the work on R99.

- It was emphasised that although the GCF work items are still in draft form it was still possible to provide an accurate estimate.

- The question was raised when this task can be handed over to the industry. The T1 chairman clarified that this work is not quite ready yet to be handed over to the industry. At least for 2005 the work should continue in the current way.

- The comment was raised that it is necessary to clarify if handing over the ownership of the test cases could be an issue.

- The TSG-T chairman suggested developing a proposal on how this work can be handed over to the industry and this was presented in TP-040199 on Day 2.

The TTCN status report was approved. It was noted that this approval is a necessary condition before the task force can be paid for the work they have undertaken. TSG-T endorsed T1's request of 73mm for the 2005 funding as outlined in the slides and TP-040199 to be presented to the PCG.

5.1.1.3   Other issues

Release and Configuration Manager (RCM) for MCC 160
The RCM is working with the verification teams and with MCC 160. He is publishing status reports to the T1 community and works also on bug fixing.
At T1#24, there was widespread agreement that the role was essential to the complex process of ATS development and publication, and will continue to be essential in 2005
T1 agreed to consider funding as part of the overall budget* requirement being identified by TF 160 to continue TTCN development in 2005 (10 – 15% of the overall budget)
Draft 2005 budget requirement to be presented within the TF 160 report in TP-040147.

HSDPA
Good progress on HSDPA was reported.
Protocol tests now 55% complete
RF tests now 87% complete
Another 22 test cases identified to cover state transition (not yet fully defined)
10 new HSDPA RRC test cases introduced
HSDPA tests already being considered by GCF prioritisation based on T1 output

A GPS Progress
10 new A-GPS tests introduced to TS 34.123 – 1
Tests for UE-based and UE assisted to cover:
> GPS assisted emergency calls
> Position estimation
> Some failure cases
Work being 'pushed' by Ericsson, Motorola and Qualcomm

LCR TDD

TDIA continues to supply 4 experts to work alongside TF 160 to develop LCR TDD TTCN
TF 160 Manager has used 2003 underspend of 68K Euros to resource support for the LCR TDD effort
Expectation is that around 120 tests will be coded in 2004
TDIA estimates it will need 33 man months to continue its work at ETSI in 2005

T1 – Areas of Concern

Insufficient progress in completion of RRM test cases by 5 Nov 04

– This is being addressed and a plan is in place to ensure continued progress but more resources are welcome – With only 5 of the 43 high priority test cases to be completed, this is now less of a concern and the target is possible

Misalignment of inter RAT test cases between T1 and GERAN

– GERAN WG 3 will be adopting the T1 TTCN approval methodology in order to keep GERAN and T1 tests in alignment. T1 will track progress closely to 'head off' potential conflicts and will review its PRD 12 (TTCN approval) to reduce complications – BUT IT IS STILL A CONCERN

Insufficient funding for TF 160 in 2005

– 73 man months required based on anticipated work to meet the needs of the industry, details in the TF 160 report. Not yet known what the allocation will be; provisional results expected in mid Sep 04

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

– The T1 chairman gave some more background information on the GCF requirements.

– There was a request from the floor to have a more detailed status on the RF test cases available at the next meeting. The T1 chairman suggested providing a spreadsheet which shows the tests in the four packages. This was provided on Day 2 in TP-040198.

– The T1 chairman explained that in order to reach the target of the 5th of November a minimum completion of 80% in all batches is required. After that, the implementation phase follows and the results are to be presented to GCF for approval/ validation at the first UAG meeting next year (19th – 20th of January 2005). At some time in the future the GCF will raise the level of requirements for certification.

– The current core specification base line is still March 2003. The T1 chairman clarified that the baseline will be updated to Rel-5 especially for the HSDPA testing at some point in future. The most appropriate time for this transition has still to be discussed.

– Nokia commented that it seems unlikely that the GCF will fund the RCM.

The T1 progress report was noted.

5.1.1.4 LS from T1 to TSG-T

None.

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-040148 contains TTCN CRc in category F.
- It was noted that the CRs were written to different version of the specification. It was suggested that in future CRs should only be written on the latest version of the specification.
The CRs were all approved.

TP-040149 contains TTCN CRs in category B.
- It was noted that the CRs were written to different version of the specification. It was suggested that in future CRs should only be written on the latest version of the specification.
The CRs were all approved.

TP-040157 contains CRs to 34.108**.**
The CRs were all approved.

Later during the meeting it was noted that most of the T1 CR cover sheet contain a mistake in the TSG-T meeting number in the header. It was decided not to re-issue the documents and to have only this note in the report instead.

TP-040158 contains CRs to 34.121.
The CRs were all approved.

TP-040160 contains CRs to 34.123-1.
The CRs were all approved.

TP-040161 contains CRs to 34.123-2.
The CRs were all approved.

TP-040162 contians CRs to 34.123-3 (Prose part less Annex A).
The CR was approved.

TP-040167 contains the 2nd batch of TTCN CRs.
The CRs were all approved.

TP-040193 contains CRs to 34.123-3, Annex A.
The CRs were all approved.

TP-040164 contains the WID on General changes to TS34.121 and TS34.122 corresponding to release The WI will cover any additional change requests to TS 34.121 and TS34.122 necessary to provide test specifications that correspond to the release 6 core specifications.
The WID was approved.

TP-040165 contains the WID on Terminal Conformance Specification of Radio Transmission and Reception for introduction in the UMTS-850 MHz Band. The purpose of this work item is the alignment of Terminal Conformance Specification of UMTS-850 MHz FDD band to core specification. The specific bands to be discussed are 824 – 849 MHz: Up-link (UE transmit, Node B receive) and 869 – 894 MHz: Down-link (Node B transmit, UE receive).

The WID was approved.

TP-040194 contains the WID on Difference and Corresponding Effect Analysis between FDD and 1.28Mcps TDD in Radio Access Stratum Protocol Aspects. The WI will provide a detailed analysis on the different aspects and their corresponding effect to conformance test between FDD and LCR TDD in Uu interface and Iub interface.
  - It was clarified that the study is done anyway by the TDIA and by creating this TR the findings are provided to 3GPP.
  - It was clarified that this is a Rel-4 work item.
The WID was approved.

TP-040163 contains the updated status of all T1 WIDs.
The document was noted.

5.1.4 Documents for information

TP-040198 contains the GCF priority list which was provided by the T1 chairman for information. The document is a statement used by GCF UTRA Agreement Group to reflect the current GCF prioritisation of 3G test cases as Jun 04.
  - It was clarified why these prioirties were created by the GCF and not by T1. It is up to the GCF to decide what is required in the market and T1 is working to fullfill the requirements set by the GCF.
The document was noted.

5.1.5 Work programme review of T1

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

5.2 WG T2 Mobile Terminal Services and Capability

5.2.1 Reports and liaisons from T2

TP-040168 contains the T2 status report (slides) and **TP-040169** contains the draft report of the last T2 meeting.

5.2.1.1 Status report

Key issues at T2#25
- 23 delegates attending, approx 95 tdocs processed
- Delay in freezing 23.140 MMS REL-6 requested to complete the following outstanding WID approved work items
    – Replace/ Cancel MM (MM1,MM7)
        - CR well advanced and majority of detail agreed by T2
        - High probability of completion at T2#27
    – Delete Deferred MM (MM1)
        - CR well advanced and majority of detail agreed by T2
        - High probability of completion at T2#27
    – TS 29.140 Stage 3 MM10 Protocol (R/S-MSCF)
        - Presented to TSG T for information.
        - High probability of completion at T2#27
    – IMS
        - Working assumptions agreed in T2
        - Completion at risk subject to input
    – Multiple Relay / Servers
        - Proposal made to T2
        - Completion at risk subject to input
- WID sub item – 'Support for security and privacy enhancements: e.g. End to End Security, terminal security, prevention of Spam' will not be completed for REL-6

AT Commands and General Terminal matters
- 2 LSs agreed:
    – Removal of A5/2 from handsets: No specific mention identified in T2 specifications
    – USIM and ISIM selection in the UE: T2 has concern over implications for the UE user
- 2 CRs agreed 27.007 REL-6:
    – Correction to AT command +CHSN
    – AT command support for logical channels: Four new AT commands to facilitate support for logical channels

MMS Summary (MMS)
The MMS discussions were chaired by Josef Laumen (Infineon).

- 5 LSs agreed
    – Interworking WLANs (handled by e-mail prior to T2#26)
    – Multiple Recipients
    – Application ID for Message transfer to UICC
    – Stage 2 changes affecting CDRs
    – Harmonisation on provisioning 3GPP/3GPP2

- 11 CRs TS 23.140 agreed (REL-6)
  - Deletion of Mapping table MM7 submit Request to MM4 Forward Request
  - Clarification to WAP and IP based MM1
  - Application ID
  - Status text in MM1 delivery report
  - Content Adaptation
  - Clarification MM4 delivery report forwarding
  - MM4 responses to R/S
  - MM4 Multiple Recipients
  - MM7 VAS Identification
  - Support for the MSCF
  - Additional DRM requirements for the R/S

- New specification TS 29.140 Stage 3 MM10 (R/S – MSCF) for REL- 6

SWG3 Summary (SMS)
- 1 LS Reply agreed
  - SMS Fraud Countermeasures
    - T2 has concern with impact of proposed mechanism on operators
- 7 CRs agreed (2 REL-4, 2 REL-5, 3 REL-6)
  - 23.038 Message Waiting Indication - Multiple Subscriber profile guidance
  - 23.040 Message Waiting Indication - Multiple Subscriber profile guidance
  - 23.040 Enhanced Voice Mail Indication Mailbox number priority

SWG3 Summary (CBS)
- 1 LS agreed
  - Improved CBS capability in USAT
    - Power drain concern raised by GSMA-SCaG
    - T2 suggests joint meeting of CBS experts to discuss whether DTX is suitable
- 1 CR Agreed (23.038 REL- 6)
  - Enhanced Voice Mail Information CBS applicability

During the general discussion on the T2 report, the following comments were made:
- It was clarified that is was left up to GSMA SCaG to decide whether a joint meeting is required to work on the improvement of CBS capability in USAT. Concerns were expressed that doing this work only between T2 and T3 might not cover all aspects regarding power saving, GERAN and RAN might also have to be consulted. Possibly DRX is not the best solution since not all operators might use DRX.
- It was reported that OMA has informed 3GPP about their change of IPR policy. This topic might be discussed at the next PCG meeting in October in the context of any work transfer to OMA.

The status report from T2 was noted.

5.2.1.2   LSs from T2 to TSG-T

TP-040142 contains an LS from T2 to T3, 3GPP2-TSG-C, 3GPP2-TSG-C-WG1-SWG1.4, 3GPP-TSG-T concerning harmonization of MMS provisioning files between 3GPP & 3GPP2. T2 would like TSG-T to note T2's concern regarding the original T3 CR and consider approving a modification to that CR which fulfils 3GPP2's needs without impacting a 3GPP terminal.
- The T2 chairman explained that the attached CR is no longer proposed for approval since T3 has proposed to postpone their orginal CR (see LS below).

- The T3 chairman pointed out that 3GPP2 has to be informed that no decision has been reached on this CR.

The LS was noted. A LS to 3GPP2 was created in TP-040197.

The follwoing LS from T3 was presented together with TP-040142 because it was related to the same subject.

TP-040144 contains an LS from T3 to 3GPP2-TSG-C, 3GPP2-TSG-C-WG1-SWG1.4, 3GPP-TSG-T cc 3GPP-TSG-T-WG2 (T2) concerning harmonization of MMS provisioning files between 3GPP & 3GPP2. T3 would like to inform 3GPP2-TSG-C that T3 has agreed the attached CR on harmonization of the MMS provisioning files for 3GPP2.

- The T3 chairman reported that a discussion has taken place on this CR after the T3 meeting which has resulted in the need to re-discuss the CR at the next T3 meeting together with the modified CR proposed by T2 on their LS TP-040142. Therefore, he proposed to postpone the attached CR for further discussion to the next T3 meeting.

The LS was noted.

TP-040143 contains an LS from T2 to T3 cc TSG-T on enabling MMS transmission and reception to UICC. T2 would like to inform T3 that T2 has just completed and approved work on an application identification mechanism.

- Kevin HOLLEY reminded about some security concerns expressed at the TSG-T meeting in Frankfurt one year ago related to sending data to applications on the UICC. There is a risk that messages sent to the UICC could be for secure messaging purposes and unless we are careful, operators might try to use the mechanism for something sensitive and then hackers will find a way to manipulate an MMS UA to prevent certain messages reaching the UICC.
- Nokia pointed out that a detailed secury analysis has not been performed yet on this matter.
- It was commented that MMS clients can be download to the terminal and there is no possiblity to prevent a MMS client from doing whatever it wants to do.

The LS was noted.

5.2.2   Questions for advice and decisions on T2 issues

No documents were registered under this agenda item.

5.2.3   Approval of contributions from T2

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

TP-040170 contains CRs on AT commands (27.007).
- CR 117: It created some confusion that the clause on +CBST was part of the CR although no changes were made to this clause.

The CRs were all approved.

TP-040171 contains CRs on SMS and CBS (23.038, 23.040).
- John MEREDITH (MCC) pointed out that the references to 51.011 ought to be specific in Rel-5 and Rel-6 specifications because 51.011 does only exist up to Rel-4.

The following CRs were approved: CR 011 and 014 to 23.038, CR 074 and 077 to 23.040.
CR 012 and 013 to 23.038, CR 075 and 076 to 23.040 were revised in **TP-040200** making the reference to 51.011 specific to Release 4. CR 12, 13 to 23.038 were revised to TP-040205, CR 075, 076 to 23.040 approved. The CRs **TP-040205** were approved.

TP-040172 contains CRs on MMS (23.140).
- Nokia expressed concerns that it would be premature to approve the CR166 on applicastion ID considering the ongoing discussion between T2 and T3.
- It was clarifed that since OMA is responsbile for the MM1 stage 3, they might work on the definitions of the values for the application ID.

The CRs were all approved.

TP-040174 is a document on late Rel-6 items from T2 (work item submission form). Two draft CRs on the deletion of deferred MMs and the new replace/cancel operation were attached.
- It was questioned whether the sub-item from the MMS Enhancements WID "Support for security and privacy enhancements" had to be carried over to Rel-7 as proposed in the T2 slides.
- The T2 chairman explained that since WIDs are not supposed to be tied into Releases non-completed items would remain on the WID.

- It was proposed that at the end of Rel-6 the MMS Enhancements WID is considered as closed. If companies are interested in doing MMS work in Rel-7 a new or revised WID would be required.

The document was noted. TSG-T agreed that the open items mentioned in this document can be included as part of Rel-6 at the next meeting. The MMS Enhancement WID will be closed at the next TSG-T meeting.

5.2.4   Documents for information

TP-040173 contains TS 29.140 MMS, MM10 interface based on Diameter protocol, stage 3 for information. The document defines the procedures and the transport protocol for use in the Multimedia Messaging Service (MMS) based on Diameter. The document is applicable to the MM10 interface between an MMS Relay/Server and the MSCF.
The draft TS was noted.

5.2.5   Work programme review of T2

Treated under agenda point 6.

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

5.3.1   Reports and liaisons from T3

TP-040177 contains the status report (slides) for T3. The draft meeting report from T3#32 was available in **TP-040196**.

5.3.1.1   Status report

Information from TSG-T3#32
- T3#32 was attended by 32 delegates from 9 countries.
- 205 documents were processed, 26 LSs were received, 16 LSs were sent, 50 CRs and no new WIDs were agreed, one WID modified
- T3 decided not to maintain Rel-98 and earlier release specifications
- There was a long discussion on references to the SCP specifications, where if non-specific, it implies that later release features could be invoked into early release specifications by stealth (e.g. Rel-6 features into Rel-4 specifications by reference)
- Solution appears to be to make the non-3GPP/GSM references specific to Release or date (advice sought from the MCC on this matter), likely therefore to see CRs to Rel-4 and 5 specifications making this happen
- It is unclear to some delegates whether GSM-only Rel-99/Rel4 UEs are permitted or specifically forbidden the ability to support a USIM: the specifications are not clear, neither preventing this or specifically allowing it: this could affect 31.900, the SIM/USIM interworking TR
- MMS storage on the card was agreed, but this is subject to the work on "large files" being approved at SCP (which it was)
- Re-definition of HPLMN file in order to introduce Equivalent HPLMN was postponed awaiting input from CN1: two solutions offered, re-define the use/functionality of the existing file, or add a new file
- There was discussion as to whether there can be more than one TERMINAL PROFILE per card session: the SCP have permitted this, but T3 could not decide whether to introduce this feature into the T3 specifications
- MBMS Security was agreed

ETSI EP SCP #18
Some information was provided from the recent ETSI EP SCP meeting. The new SCP structure consists of the SCP plenary, SCP Requirement Group and SCP Technical Group.

During the general discussion of the T3 progress report, the following comments were made:
- Some minor mistakes were spotted in the slides.
- The T3 chairman reported that it is unclear to some T3 delegates whether GSM-only Rel-99/Rel4 UEs are permitted or specifically forbidden the ability to support a USIM: the specifications are not clear,

neither preventing this or specifically allowing it. It was commented that for the network it is not clear whether a terminal is a dual-mode terminal or a GSM terminal only. It was suggested to specify exactly how to do this. See the TSG-T conclusion below.

− It was suggested that LSs like the one from T3 to SCaG should have also be send to TSG-T in future.

The T3 progress report was noted. TSG-T concluded on the GSM-only Rel-99/Rel4 UEs support of the USIM that this is not explicitly forbidden and therefore it is permitted.

5.3.1.2   LSs from T3 to TSG-T

TP-040145 contains an LS from T3 to 3GPP2-TSG-C, 3GPP2-TSG-C-WG1-SWG1.4, 3GPP-TSG-T on harmonization of ISIM between 3GPP & 3GPP2. T3 would like to inform 3GPP2-TSG-C that T3 has agreed the attached CR on harmonization of the ISIM for 3GPP2.

The LS was noted.

TP-040176 contains an LS from T3 to SCP, GSMA SCaG cc SCP-Req, TSG T on Support of additional TERMINAL PROFILE after UICC activation. T3 would like to inform TSG-T and SCP on the T3 discussion related to the TERMINAL PROFILE download procedure.

The LS was noted.

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-040179 contians CRs to TS 11.10-4.

The CR were all approved.

TP-040180 contians CR to TS 31.101.

− CR030: It was commented that the wording "activation of a GSM session excludes the activation of a USIM session" is not a requirement in its current phrasing.

The CRs were all approved.**TP-040181** contains CRs to TS 31.102 for approval.

− Paul VOSKAR (Nokia) pointed out that the reference TIA/EIA-934: "Multimedia Messaging System Specification added in CR 236 is incorrect.

− CR 236 was postponed to the next meeting upon request from T3 (see LSs related to CR 236 in TP-040142 and TP-040144).

All CRs except 236 were approved. CR 236 was postponed and can be presented at the next TSG-T meeting as part of Rel-6. CR 239 was approved conditionally subject to the MBMS core specs from SA3 being approved by TSG-SA.

TP-040182 contains CRs to TS 31.103.

The CRs were all approved.

TP-040183 contains CRs to TS 31.111.

The CRs were all approved.**TP-040184** contains CRs to TS 31.121.

The CRs were all approved.

TP-040185 contains a CR to TS 31.116.

The CR was approved.

TP-040186 contains Updated WID:" Test specification for (U)SIM API for Java Card ™". The target dates and the list of supporting companies were updated in this WID.

The WID was approved.

TP-040188 contains a CR to TS 31.900.

The CR was approved.

TP-040189 contains CRs to TS 11.14/51.014.

The CRs were all approved.

5.3.4   Documents for information

TP-040191 contains TS 31.048 v101 Test specification for TS 23.048. The document covers the minimum characteristics considered as necessary in order to provide compliance to 3GPP TS 23.048 " Security Mechanisms for the (U)SIM application toolkit; Stage 2".

The document was noted.

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-040141 contains the MCC review of the Work Plan at TSG #25 presented by Alain SULTAN (MCC). For the completion of Rel-6 the following scheme is proposed:
- Features already completed belong to Release 6
- Features planned to be completed by TSG # 26 (December 2004) are anticipated to belong to Release 6 but final decision to be taken at SA#26 based on actual progress
- Features planned to be completed after TSG #26 will belong to Release 7 or higher

Discussion:
- TSG-T did not have any comments on the proposed scheme.

The work plan presentation was noted. The revised version including comments from RAN, CN and T will be available in the next TSG-SA meeting.

TP-040140 contains the latest version of the Work Plan.

The document was noted without presentation.

6.2   Other issues

TP-040190 contains a discussion document from MCC/T1 on Testing of all Release 99 Features. The intention of this contribution is to start a review of the status of testing for so that, in the end, a complete view on the testing of ALL Release 99 features is provided.

- AT commands for 3GPP: It was commented that it is basically up to the manufactures to make sure that their implementations are correct. It is unlikely that the AT commands cause a problem at the network level and therefore testing of AT commands should not have a high priority. The same comments were also made on the "multiplexer" (related to TS 27.010).
- Synchronization And Object Exchange: No testing might be required for this feature. It was unclear if OMA was doing some work in this area.
- It was proposed that the use of the word "dead" should be avoided in this document.
- Alain clarifed that the supporting company in this document is the company of the WID rapporteur. It was requested to change this in the next version of the document as the companiy supporting the WID does not neccesarily support the testing.
- Alain clarfied the intetion to attach the refined version of this document as an annex to the R99 summary document. The intention of this document was not to propose any new work but instead to create a report on the status of testing of different features.
- Some further comments were made for the improvement of the document which will be taken into account by Alain.

The document was noted. Alain SULTAN (MCC) invited members to provide further comments to him.

TP-040151 contains two CRs to 21.900.

- CR 022 adds procedures allowing for the direct approval of a specification the first time it is seen by a TSG. Some delegates were not convinced whether such a procedure should be included in 21.900.

The document was noted and it will be presented for approval to TSG-SA possibly after some modifications.

TP-040152 contains a document on Specs per Release; a comparison. The table shows a comparison of the specs which exist in each Release of the 3GPP systems (GERAN-based and UTRAN-based). The Support Team recommends that, at the time Release 6 is functionally frozen, the specs highlighted in yellow be upgraded with no technical change to version 6.0.0. Delegates were also reminded that an explicit decision of the responsible TSG is required for the upgrade to happen.

- John MEREDITH (MCC) clarified that the WGs need to decide on which specs need upgrading to Rel-6 and these decisions have to be endorsed at the next TSG meetings.

The document was noted. The WG secretaries were tasked to convey this information to the WGs and to instruct the WGs on this matter.

TP-040153 contains the specification status list before TSG#25.

The document was noted.

TP-040154 contains a proposal for a revised WID form. Since its first presentation to TSG#23 several comments have been taken into account. John MEREDITH (MCC) invited delegates to provide comments to him ASAP before the SA meeting to be able to approve the new WID form at SA#25.

- The T2 chairman pointed out the discrepancy between the supporting companies listed on a WID and the companies which do actually some work. He suggested that a rule should be added to clarify that supporting companies have to contribute to the work. John MEREDITH replied that in his view this is sufficiently covered on the new WID form. However, a previous version of the WID form had an even stronger wording which was weakened upon request of several members.

The revised WID form was noted.

7 Liaison Statements (LS) outgoing

TP-040201 contains an LS from TSG-T to TSG-RAN on the documents to be considered for the Revision 5 of Recommendation ITU-R M.1457. Several T3 specifications were added to the list whereas some T2 specifications were deleted.

- The queestion was raised why some specfcations which were present on the list for a long time were deleted from the list. Concerns were expressed that removing these documents could create some confusion. It was proposed to leave these specifications on the list.

The LS was revised to **TP-040202** which had the deleted T2 specifications reinstated. The LS was approved.

TP-040197 contains an LS from TSG-T to 3GPP2-TSG-C, 3GPP2-TSG-C-WG1-SWG1.4, TSG T2, TSG T3 concerning harmonization of MMS provisioning files between 3GPP & 3GPP2. 3GPP2 TSG-C are requested to note that neither of the CRs proposed in the two attachments is to be implemented in the current meeting cycle of 3GPP**.** TSG T2 and TSG T3 are requested to complete the necessary work to provide the service requested by 3GPP2 TSG-C.

- Some minor modifications were suggested to the LS.

The LS was revised to **TP-040204** which was approved.

TP-040203 contains an LS to 3GPP2-TSG-C cc TSG T3 concerning harmonization ISIM between 3GPP & 3GPP2. This LS informs 3GPP2 about the approval of a CR on the harmonization ISIM between 3GPP & 3GPP2 by this TSG-T meeting.

The LS was 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

The question was raised on the status of the re-org discussion. It was clarified that any re-org is suggested to take place subsequent to the March 2005 meetings. The PCG meeting in October will discuss this issue.

11   Future Meeting Schedule

The following TSG-T (and associated TSG-SA) meetings are currently scheduled for 2004. 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 #26 TSG-SA #26	8 - 10 Dec 2004 (start 1pm) 13 - 15 Dec 2004	European Friends of 3GPP	Athens, Greece

12   Close of the meeting

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

ANNEX A   **Approved Agenda**

AGENDA

Agenda Item	Input documents (TP-040nnn)
1 Opening of the meeting (13:00 Wednesday 8 September) and IPR reminder	
2 Approval of Agenda	136
3 Approval of the meeting report from TSG-T#24	137
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*	 138, 139 175, 187, 192

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 issue
    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
	
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	173, 174
	
	144, 145, 176, 177, 196
	
	179, 180, 181, 182, 183, 184, 185, 186, 188, 189
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6 TSG-T Project Management / Work Programme Review and Co-ordination with TSG-SA and other bodies *6.1 Release 6* *6.2 Other issues*	 140, 141 151, 152, 153, 154, 190
7 Liaison Statements (LS) outgoing	
8 Postponed issues from earlier in the meeting	
9 Any Other Business	
10 Future Meeting Schedule	
11 Close of the meeting (by 16:00 Friday 10 September)	

ANNEX B   List of attendees

Name	Organization	Status,	Phone,	e-mail address
ARIB				
NAKAGOMI Hisashi	NTT DOCOMO INC.	MEMBER	Ph: +81 468 40 3530	hisashi@cet.yrp.nttdocomo.co.jp

Total: 44 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-040136	Agenda (draft) for TSG-T #25 (Palm Springs, 8–10 Sept 2004)	TSG-T Chairman	2	Approved
TP-040137	Report (draft) from TSG-T #24 (Seoul, 2–4 Jun 2004)	TSG-T Secretary	3	Approved
TP-040138	TSG-SA#24 result summary for TSG-T	T-secretary	4.1	Noted
TP-040139	Report (draft) from TSG-SA #24 (Seoul, 7–10 Jun 2004)	TSG-SA Secretary	4.1	Noted
TP-040140	3GPP Work Plan	MCC	6.1	Noted
TP-040141	3GPP Work Plan [Slide Presentation]	MCC	6.1	Noted
TP-040142	LS from T2 to T3, 3GPP2-TSG-C, 3GPP2-TSG-C-WG1-SWG1.4, 3GPP-TSG-T concerning harmonization of MMS provisioning files between 3GPP & 3GPP2	T2-040345	5.2.1	Noted
TP-040143	LS from T2 to T3 cc T on enabling MMS transmission and reception to UICC	T2-040365	5.2.1	Noted
TP-040144	LS from T3 to 3GPP2-TSG-C, 3GPP2-TSG-C-WG1-SWG1.4, 3GPP-TSG-T cc 3GPP-TSG-T-WG2 (T2) concerning harmonization of MMS provisioning files between 3GPP & 3GPP2	T3-040517	5.3.1	Noted
TP-040145	LS from T3 to 3GPP2-TSG-C, 3GPP2-TSG-C-WG1-SWG1.4, 3GPP-TSG-T on harmonization of ISIM between 3GPP & 3GPP2	T3-040524	5.3.1	Noted
TP-040146	CR 34.123-3, Annex A **for approval**	MCC task 160	5.1.3	Revised to 193 (before the mtg.)
TP-040147	MCC task 160 report, Sept. 04 **for approval**	MCC task 160	5.1.3	Approved
TP-040148	TTCN CR in category F **for approval**	T1	5.1.3	Approved
TP-040149	TTCN CR in category B **for approval**	T1	5.1.3	Approved
TP-040150	withdrawn	MCC	6.2	Withdrawn
TP-040151	CR to 21.900	MCC	6.2	Noted
TP-040152	Specs per Release; a comparison	MCC	6.2	Noted
TP-040153	status list before	MCC	6.2	Noted
TP-040154	revised WID form	MCC	6.2	Noted
TP-040155	T1 Status Report	T1 Chairman	5.1.1	Noted
TP-040156	T1 Minutes of T1 meeting#24	MCC	5.1.1	Noted
TP-040157	CRs to 34.108 **for approval**	T1	5.1.3	Approved
TP-040158	CRs to 34.121 **for approval**	T1	5.1.3	Approved
TP-040159	CRs to 34.122 **for approval**	T1	5.1.3	Withdrawn
TP-040160	CRs to 34.123-1 **for approval**	T1	5.1.3	Approved
TP-040161	CRs to 34.123-2 **for approval**	T1	5.1.3	Approved
TP-040162	CRs to 34.123-3 (Prose part less Annex A) **for approval**	T1	5.1.3	Approved
TP-040163	Status of T1 WID **for approval**	T1 vice chair	5.1.3	Noted
TP-040164	WID General changes to TS34.121 and TS34.122 corresponding to release 6 **for approval**	T1	5.1.3	Approved
TP-040165	WID Terminal Conformance Specification of Radio Transmission and Reception for introduction in the UMTS-850 MHz Band **for approval**	T1	5.1.3	Approved
TP-040166	WID Difference and Corresponding Effect Analysis between FDD and 1.28Mcps TDD in Radio Access Stratum Protocol Aspects **for approval**	T1	5.1.3	Revised to 194 (before the mtg.)
TP-040167	2nd batch of TTCN CR	T1	5.1.3	Approved
TP-040168	T2 status report (slides)	T2 chairman	5.2.1	Noted
TP-040169	T2#26 Montreal meeting report	T2 secretary	5.2.1	Noted
TP-040170	CR on AT commands **for approval**	T2	5.2.3	Approved
TP-040171	CRs on SMS **for approval**	T2	5.2.3	CR 011, 014 to 23.038 and CR 074, 077 to 23.040 approved CR 012, 013 to 23.038 and CR 075, 076 to 23.040 revised in TP-040200
TP-040172	CRs on MMS **for approval**	T2	5.2.3	Approved
TP-040173	TS 29.140 MMS, MM10 interface based on Diameter protocol, stage 3 for information	T2	5.2.4	Noted
TP-040174	Late Rel-6 items from T2 (work item submission form)	T2 secretary	5.2.4	Noted (request on late Rel-6 inclusion agreed)
TP-040175	LS from CN to SSG cc RAN, SA, PCG on Input to Q.1741.4	NP-040290 SP-040416	4.2	Noted
TP-040176	LS from T3 to SCP, GSMA SCaG cc SCP-Req, TSG T on Support of additional TERMINAL PROFILE after UICC activation	T3-040583	5.3.1	Noted
TP-040177	T3 status report to T#24	T3	5.3.1	Noted

TP-040178	T3-32 Draft meeting report	T3	5.3.1	Revised to 196 (before the mtg.)
TP-040179	CRs to TS 11.10-4 **for approval**	T3	5.3.3	Approved
TP-040180	CR to TS 31.101 **for approval**	T3	5.3.3	Approved
TP-040181	CRs to TS 31.102 **for approval**	T3	5.3.3	CR 236 postponed, CR 239 approved conditionally, All other CRs approved
TP-040182	CRs to TS 31.103 **for approval**	T3	5.3.3	Approved
TP-040183	CRs to TS 31.111 **for approval**	T3	5.3.3	Approved
TP-040184	CRs to TS 31.121 **for approval**	T3	5.3.3	Approved
TP-040185	CRs to TS 31.116 **for approval**	T3	5.3.3	Approved
TP-040186	Updated WID:" Test specification for (U)SIM API for Java Card ™" **for approval**	T3	5.3.3	Approved
TP-040187	Draft Question D/12 - Hands-free communication in vehicles	ITU-T Study Group 12	4.2	Noted
TP-040188	CRs to TS 31.900 **for approval**	T3	5.3.3	Approved
TP-040189	CR to TS 11.14/51.014 **for approval**	T3	5.3.3	Approved
TP-040190	Testing of all Release 99 Features	MCC	6.2	Noted
TP-040191	TS 31.048 v101 Test specification for TS 23.048 for information	T3	5.3.4	Noted
TP-040192	LS from TSG-RAN to TSG-T on the documents to be considered for the Revision 5 of Recommendation ITU-R M.1457	RP-040321	4.2	Noted
TP-040193	CR 34.123-3, Annex A **for approval**	MCC task 160	5.1.3	Approved
TP-040194	WID Difference and Corresponding Effect Analysis between FDD and 1.28Mcps TDD in Radio Access Stratum Protocol Aspects **for approval**	T1	5.1.3	Approved
TP-040195	TTCN update	T1	5.1.1	Noted
TP-040196	T3-32 Draft meeting report	T3	5.3.1	Noted
TP-040197	LS from TSG-T to 3GPP2-TSG-C, 3GPP2-TSG-C-WG1-SWG1.4, TSG T2, TSG T3 concerning harmonization of MMS provisioning files between 3GPP & 3GPP2	TSG-T (Nigel)	7	Revsied to 204
TP-040198	GCF priority list	T1 chairman	5.1.1	Noted
TP-040199	TF 160 budget proposal	T1 chairman	5.1.1	Noted
TP-040200	Revised CRs on SMS **for approval**	T2 (JMM)	5.2.3	CR 12, 13 to 23.038 revised to 205, 075, 076 to 23.040 approved
TP-040201	LS from TSG-T to TSG-RAN on the documents to be considered for the Revision 5 of Recommendation ITU-R M.1457	TSG-T	7	Revised to 202
TP-040202	LS from TSG-T to TSG-RAN on the documents to be considered for the Revision 5 of Recommendation ITU-R M.1457	TSG-T	7	Approved
TP-040203	LS to 3GPP2-TSG-C cc TSG T3 concerning harmonization ISIM between 3GPP & 3GPP2	Nigel	7	Approved
TP-040204	LS from TSG-T to 3GPP2-TSG-C, 3GPP2-TSG-C-WG1-SWG1.4, TSG T2, TSG T3 concerning harmonization of MMS provisioning files between 3GPP & 3GPP2	TSG-T	7	Approved
TP-040205	Revised CRs on SMS **for approval**	T2 (JMM)	5.2.3	Approved

ANNEX D   List of change requests presented to TSG-T #24

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	Rel	Subject	Cat	Version-Current	Version-New	WG-Resp.	Doc-2nd-Level	Status-2nd-Level	Workitem
TP-040112	approved	34.108	306	-	R99	CR to TS 34.108 R99, Correction to IEs "START" and "ul_CounterSynchronisationInfo".	F	3.15.0	3.16.0	T1	T1-040510	Agreed	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

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	NTT DoCoMo	ETSI	pabrown@iee.org	+44 7830 245266
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 Functional Area					
Convenor	Carolyn TAYLOR	Motorola	T1	Carolyn.Taylor@motorola.com	+1 847 523 0458
- Signalling Functional Area					
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
Vice chair	Nicola VOTE	NTT DoCoMo	ARIB	nicola@cet.yrp.nttdocomo.co.jp	+81 468 40 6062
Secretary	Friedhelm RODERMUND	MCC (3GPP support)	3GPP	rodermund@etsi.org	+33 4 9294 4324
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	Andrijana JURISIC	MCC (3GPP support)	3GPP	andrijana.jurisic@etsi.org	+33 4 9294 4309

ANNEX G   3GPP email lists and server information

G.1 General

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

G.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".

G.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

G.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/