Technical Specification Group

TERMINALS

(TSG-T)

v.0.0.3

DRAFT Meeting Report of TSG-T meeting #27

Tokyo, Japan, 9 - 11 December 2004

Hosted by Japanese Friends of 3GPP, ARIB and TTC

Contents

Chairman: Dr. Sang-Keun Park (Samsung)
Vice-chairmen: Ed Ehrlich (Nokia Corporation) and Kevin Holley (mmO2)
Secretary: Maurice Pope (MCC)
Host: Japanese 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 09:00. On behalf of the hosts, the Japanese Friends of 3GPP, ARIB and TTC welcomed delegates to the meeting and wished them a nice stay in Tokyo.

The TSG T Chairman reminded delegates that elections will be held for the Officials of TSG CT (the merger of TSG T and TSG CN) and for TSG RAN (new). Information about these elections were provided in TD TP-0500047, TD TP-0500048 and TD TP-0500049.

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

IPR Call:

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/lpr/).

2   Election of officials

Candidatures for these elections were provided for information in TD TP-0500045 and TD TP-0500046 which were noted.

TD TP-0500047 Elections: a practical guide. This was introduced by J. Meredith, MCC and provided details of the Ballot procedures for the elections. This was then noted. It was reported that Gary Jones and Steve Mecro had withdrawn their candidatures for CT Vice Chairman #1, Gary Jones will stand for Vice Chairman #2 and Steve Mecro for Vice Chairman #3.

The TSG T Chairman called for any other candidates for CT Chairmanship before each TSG CT election was held. Niels Peter Skov Andersen (Qualcomm) was asked and agreed to oversee the voting process to ensure fairness in the collection and counting of Votes.

A Ballot for the RAN (new) Chairmanship was not needed as there was only one candidate and **Mr. Francois Courau (Alcatel) was confirmed as TSG RAN (new) Chairman.**

The Ballot for the Chairman of TSG CT was held in the morning coffee break on 9 March 2005. After the first ballot, Mr. Iain Sharp (Nortel Networks) withdrew from the election and **Mr. Hannu Hietalahti (Nokia Corporation) was elected as TSG CT Chairman**.

The Ballots for TSG CT Vice Chairman position #1 was held during the afternoon coffee break on 9 March 2005. **Mr. Akishige Noda was elected as a TSG CT Vice Chairman**.

The Ballots for TSG CT Vice Chairman position #2 was scheduled to be held during the morning coffee break on 10 March 2005. Mr. Zhixi Wang withdrew his candidature from this position and **Mr. Gary Jones was therefore appointed as a TSG CT Vice Chairman.**

The Ballots for TSG CT Vice Chairman position #3 was scheduled to be held during the afternoon coffee break on 10 March 2005. Mr. Zhixi Wang withdrew his candidature from this position and **Mr. Steve Mecrow was therefore appointed as a TSG CT Vice Chairman.**

The elected officials were congratulated by the TSG T meeting and the results of the elections will be forwarded to TSG SA for information and the PCG for ratification taking into account any regional balance issues resulting from the elections.

The TSG CT Chairman elect, Mr. Hannu Hietalahti, addressed the TSG T meeting briefly to reassure the group on the expected future of the TSG T WGs. He expected continued fruitful co-operation between the TSG T WGs and TSG CN WGs when they are associated together under TSG CT.

3   Approval of Agenda

TD TP-050009 contains the draft agenda for TSG T#27. The Election of the TSG CT Officials was announced to take place in this meeting (see agenda item 2). The meeting will be followed by the first TSG CT meeting (CT#27) on Friday 11 March 14:00. The agenda was approved and can be found in annex A of this report.

4   Approval of the meeting report from TSG-T#25 meeting

TD TP-050002 contained the draft report from TSG-T#26 (Athens, Greece, 8–10 December 2004). It was approved.

5   Letters and reports from other groups, LS incoming

5.1   Reports from OP, PCG, TSG SA and others

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

TD TP-050003 LS from ITU-T Q.1/19 to SDOs. This was introduced by the TSG T Chairman and invited 3GPP to input any documents related to architecture studies on systems beyond IMT-2000 so that they may take them into account as they progress their studies. The liaison was provided for information and was discussed and noted.

TD TP-050004 LS from AT-NGN@Home: AT Activity on emergency communications aspects on access and terminals. This was introduced by the TSG T Chairman and reported that the latest version of DTR/AT-040006, Study of Emergency Telecommunications aspects related to access to non-mobile networks is now available in the folder: http://portal.etsi.org/docbox/at/ATNGNathome/07-drafts/NGN@Home006/ (Version 1.3.5 was also attached to this LS) and invited comment on it and to provide STF 274 and AT in general with relevant information to progress their task.

The T WG2 Chairman reported that the use of SMS for Emergencies had been discussed in a high-level meeting of an operator, manufacturers, police forces. ETSI EMTEL were also highly involved in emergency telecommunications issues. It was also reported that there were trials in the USA for systems to react to and provide public warnings for disasters like the recent Asian Tsunami. The TSG GERAN Chairman reported that there was no simple way to send SMS to terminals attached to a certain base station at present and this may be something that should be studied and reported to the AT-NGN@Home group. The T WG2 Chairman commented that a cell broadcast system could also be a candidate for early-warning of people in a certain coverage area. It also needed to be clarified whether the scope of the initiatives were to be applicable to legacy terminals or only to new terminals, in which case the specifications could be updated to include extra terminal functionality.

It was considered that the best way to address this was to focus through the EMTEL meetings in order to co-ordinate the work. It was decided that a Liaison should be drafted to inform AT-NGN@Home of the discussion and a draft for discussion was provided in TD TP-0500051 which was discussed. It was commented that the use of SMS without (U)SIM may not be possible in the current specifications and that the use of Cell Broadcast would imply increased battery drain, as the mobiles would need to monitor for Emergency Cell Broadcast continuously for this to be an effective emergency system. The LS was redrafted and reviewed and approved.

TD TP-050005 LS from OMA-MWG-MMSG: Response to 3GPP TSG T on MMS Landing Pad Task Force status. This was introduced by Nokia. The OMA MWG MMSG informed 3GPP and 3GPP2 that MM SG had formed a landing pad task force group which addressed the specific issue of a possible MMS transfer and that they are prepared for a transfer of MMS work from 3GPP/3GPP2 into OMA. The Liaison was provided for information and was noted. A Liaison from T WG2 in TD TP-050008 was also related to this topic, so it was reviewed along with this LS (see agenda item 6.2.1).

6   Reports from TSG-T Working Groups

6.1   WG T1 Mobile Terminal Conformance Testing

6.1.1   Reports and liaisons from T1

TD TP-050030 T1 Status Report. The status report of T WG1 activities was presented by the T WG1 Chairman. He introduced his new Secretary, Mr. Stoyan Baev who will take over from Alain Sultan at the next T WG1 meeting.

T1#26 was held in Bangalore India, hosted by Sasken Communications 31 January to 4 February 2005 attended by 60 delegates. T WG1 maintained good pace of TTCN test case approvals; 30 more TTCN test cases have been T WG1 approved @ 2 Mar 05 with another 9 undergoing email approval. The first 11 tests in WI-012 have been verified (extended R99 coverage). Qualcomm are providing additional resources to complete TTCN coding requirements for A-GPS work item (WI-015). RRM tests still 94% complete but RF tests are 95% complete overall. Band V work item completed by the RF Group.

The T WG1 Chairman was thanked for his presentation and the group for the progress made. The status report was then noted.

TD TP-050031 Minutes of T1#26. This was provided by the T WG1 Secretary for information and was noted.

TD TP-050042 MCC task 160 March 2005 report for approval. This was introduced by the T WG1 Chairman and contained the report from the MCC Task Force 160:

- The milestone for approval of 80% TCs of each package in GCF WI-10 was reached one week after TSG T meeting #26.
- Current WI-10 approval status: 92% (->353 TCs). WI-12 verification started.
- Experts (for FDD) contracted for 2005
- Completion of preparation for baseline moving towards Dec 04
- Completion of preparation for development of new TTCN TCs in GCF WI-12, 13, 14, 15
- 34.123-3 upgraded to V500

There had been an overspend in budget for 2004, but it was explained that this was work which would have to have been done in 2005 anyway and the 2005 budget will be used to cover this.

The report was then approved.

6.1.2   Questions for advice and decisions on T1 issues

There were no specific contributions under this agenda item. Questions and Liaisons from T WG1 were dealt with under agenda item 6.1.1.

6.1.3   Approval of contributions on T1 issues

WIDs:

TD TP-050043 New Work Item Network sharing tests. It was clarified that the completion date was to be determined as there was insufficient resource at present for the TTCN work in Task Force 160, however the prose work was expected to be completed by the end of 2005. This WI description was approved.

TD TP-050044 Updated Work Item Progress Report. This revised WI description was approved.

CRs:

TD TP-050032 CRs to 34.108 for approval. These CRs were approved.

TD TP-050033 CRs to 34.121 for approval. These CRs were approved.

TD TP-050052 CRs to 34.123-1 for approval. These CRs were approved.

TD TP-050035 CRs to 34.123-2 for approval. These CRs were approved.

TD TP-050036 CRs to 34.123-3 (Prose part not Annex A) for approval. It was noted that his creates version 5.0.0 and skips the Release 4 version. It was confirmed that a Version 4.0.0 would be needed for Release set completion. CR1266 will create version 3.9.0 (not 5.0.0) which will be a pointer to version 5.0.0. These CRs were approved. The Release 4 mirror CR (to T1-050250) was provided in TD TP-050059 which was approved.

TD TP-050037 CR to 34.123-3 (Prose part in Annex A) for approval. This CR was approved.

TD TP-050039 Summary of TTCN CR B category to 34.123-3 for approval. These CRs were approved.

TD TP-050040 Summary of TTCN CR F category to 34.123-3 for approval. These CRs were approved.

6.1.4   Documents for information

There were no specific contributions under this agenda item.

6.1.5   Work programme review of T1

There were no specific contributions under this agenda item. The work plan of T WG1 was included in the report under agenda item 6.1.1.

6.2   WG T2 Mobile Terminal Services and Capabilities

6.2.1   Reports and liaisons from T2

TD TP-050010 Presentation of T WG2 activities since TSG T #26. The status report of T WG2 activities was presented by the T WG2 Chairman. He introduced his new Secretary, Mr. Seung Don Han who took over from Friedhelm Rodermund at the last T WG2 meeting.

One meeting had been held, T WG2 #28 Plenary: 8th – 10th February 2005, Sophia Antipolis, France hosted by the European Friends of 3GPP. 15 delegates attended, 36 documents were processed.

MMS REL-6
-       One CR on Definition of the Notification procedure for MM's addressed to the USIM was agreed by T WG2. Nokia expressed the wish to reserve their position on the CR as they felt that such a CR was not necessary.
-       A CR on Correcting extended Cancel and Replace was presented by Nokia on behalf of OMA. The CR was rejected by T WG2 as the rationale for the CR was not understood. Nokia pursued a debate on this CR by e-mail after the meeting to obtain T WG2 agreement prior to TSG T#27. It was subsequently agreed by T WG2.
AT Commands
-       Three CRs were agreed by T WG2
AT Commands and General Terminal matters Summary

- 2 CRs agreed 27.007 (1 REL-5, 1 REL-6)
- 1 CR agreed 27.007 (REL-6)

MMS Summary
- 4 LSs agreed
- 2 CRs TS 23.140 agreed (REL-6)

CBS Summary
- A CR from LogicaCMG was received by T WG2 on International Message ID's for Cell Alert

General T2 Matters
- Future reporting of T2 to TSG-CT
    - T2 discussed the impact of the creation of TSG-CT on T2 and seeks TSG T's support on T2's view concerning the future of T2 so that this can be discussed further at TSG CT. See LS TP-050006
- Future of MMS work in T2
    - T2 discussed how future MMS work should be progressed and seeks support of TSG T so that this can be discussed further at TSG CT. See LS TP- 050008
- T2 Chair Elections
    - The current T2 chairs term of office expires in May 2005.
    - T2 chair elections scheduled for next T2 meeting subject to the outcome of the discussion on (T2-050029) TP-0500006

It was asked whether NITZ could be used to deal with the time zone problem raised in slide 7. It was thought so, and an e-mail discussion on this had been held on the T WG2 reflector. This should be confirmed by T WG2.

For the future of MMS work, it was not considered necessary to input the decisions of TSG T on this to TSG CT, but that the decisions made by TSG T will stand. Any decisions made by TSG T will be made clear to TSG CT.

The plan to have a meeting in the Pacific Islands was commented upon, following the discussions held previously about meeting venues. It was explained that these meetings (#30 and #31) do not exist and will not be planned in the given locations (they were added as light entertainment to the presentation).

The T WG2 Chairman was thanked for his presentation and the group for the progress made. The status report was then noted.

TD TP-050011 Report of T WG2 to TSG T #27. This was provided with more details to the presentation in TD TP-050010 for off-line reading. This was noted.

TD TP-050007 LS (from T WG2) on Application-ID values. It was questioned how the MIME uniqueness will be guaranteed by use of a text string. It was clarified that the manufacturers name would be used as part of the text string and manufacturers would ensure uniqueness. This was provided to TSG T for information and was noted.

TD TP-050015 LS from T WG2: LS on Enabling MMS transmission and reception to UICC. This was transmitted to T WG3 after review of a company contributed CR. It was reported that there was a CR agreed by T WG3 which will be presented for approval under the T WG3 reporting. This was provided to TSG T for information and was noted.

TD TP-050008 LS from T WG2: Future of MMS work in T WG2. This was introduced by Nokia. T WG2 asks TSG T to carefully consider a mechanism / procedure where MMS specifications that can be maintained in 3GPP in the light of diminishing numbers of MMS experts in 3GPP. T WG2 also asked TSG T to consider whether the ownership of future MMS work should be under OMA, except for matters that are confined to be 3GPP bearer specific. Further work on MMS is now imminent; therefore a resolution to these issues is urgently required as 3GPP specifications are likely to be affected. It was recognised that OMA could propose changes to 3GPP specifications by use of CRs to the WGs and this could be a way to handle the MMS work. The T WG2 Chairman clarified that there was a danger that the expertise in 3GPP may migrate to OMA and 3GPP may not have the expertise to review the impacts of OMA MMS CRs which 3GPP is asked to approve.

TSG T were asked to endorse the statement that all network agnostic work should not be carried out in 3GPP. It was commented that the PCG had decided that 3GPP MMS specifications will not be transferred to OMA so some work would still be needed in 3GPP to maintain these specifications, even if the technical contributions leading to that maintenance is done outside of 3GPP. **It was concluded that although there is no immediate need for further MMS work in T WG2, the work should not be entirely transferred.** A response LS was provided in TD TP-050058 which was reviewed and approved.

TD TP-050006 LS from T WG2: Future of T WG2 under TSG CT. This was introduced by the T WG2 Chairman and asked TSG T to assess the feasibility of other WG's under TSG CT taking over T WG2's responsibilities and identify whether this would be in the best interest of 3GPP and its member companies before any decision to close T WG2 is made. T WG2 also asked TSG T to review a more efficient way of handling 3GPP's responsibilities for work items that are in a maintenance mode and for which there is little input. e.g. set up expert groups under the Rapporteur to attempt to resolve issues by e-mail and only meet on an as required basis but retain the reporting structure into its WG and TSG. The T WG2 Chairman reported that he expected only 12 delegates to their next planned meeting. It was commented that the transfer of the T WG2 work items into other 3GPP WGs would be preferable to companies who have stopped sending representatives to the T WG2 meetings, to make it easier to cover the work with their representatives in those other groups. It was also suggested that each WI should be considered individually for the best place to transfer it. It was agreed that a list of the work in T WG2 should be it created and reviewed for where it would be best placed before a decision is made by TSG T. This was done by Ericsson in consultation with the T WG2 Chairman and the list was provided in TD TP-050060 and reviewed. Some changes were made in response to comments made and the proposal to close T WG2 was added. This was considered a useful proposal for the distribution of the work of T WG2 and should be forwarded to TSG CT for discussion. The document was included in the LS to TSG CT and TSG SA in TD TP-050062 which was approved. **With this LS, T WG2 was officially closed by TSG T and the outstanding work and specifications will be moved into other TSG CT and TSG SA WGs.**

It was agreed that TR 21.810 will be withdrawn as proposed in TD TP-050060.

6.2.2   Questions for advice and decisions on T2 issues

There were no specific contributions under this agenda item. Questions and Liaisons from T WG2 were dealt with under agenda item 6.2.1.

6.2.3   Approval of contributions on T2 issue

CRs:

TD TP-050012 CRs on AT Commands. It was noted that CR131 should be marked as T WG2 document numbers, not T WG3 on the cover table. These CRs were approved.

TD TP-050050 CRs on MMS. These CRs were approved.

6.2.4   Documents for information

There were no specific contributions under this agenda item.

6.2.5   Work programme review of T2

There were no specific contributions under this agenda item. The work plan of T WG2 was included in the report under agenda item 6.2.1.

6.3   WG T3 USIM

6.3.1   Reports and liaisons from T3

TD TP-050028 Presentation of T WG3 activities. The status report of T WG3 activities was presented by the T WG3 Chairman. The previous meeting of T WG3 was supported by an MCC Secretary, Mr. Gert Thomasen and a new MCC Secretary, Ms. Gabriele Lenhart, was expected to start in MCC in May 2005 who would support the T WG3 group. TSG-T3 had one meeting since the last TSG T meeting, 8 - 11 February 2005, Barcelona, Spain, hosted by EF3, attended by 37 delegates from 9 countries. There were also 2 ad-hoc meetings held, on General issues and CAT/(U)SAT Testing.

Testing
-        TS 31.213 (U)SIM API for JavaCardTM testing
   -        USATEnvelopeHandler interface – 100% complete
   -        USATEnvelopeHandlerSystem class – 90% complete
   -        USATEnvelopeHandler interface – 0%
   -        ToolkitRegistry interface – 0%
   -        USATEnvelopeHandlerSystem class – 0%
-        Several meetings planned: estimate work completed for June 2005

TS 31.124 (USAT) conformance test specification for approval
EHPLMN (Equivalent HPLMN)
- CR approved at T#26 was found to be out of sync with other CRs in TSG SA and TSG CN, so re-drafted for Rel-7 and the Rel-6 CR changed out by a further CR

Card Interface Speed
- a handset manufacturer reported a problem with certain SIMs that do not work at 3.84 MHz, despite the fact that this value is fully within the range of frequencies permitted by the specification (TS 11.11, 3.25 MHz to 4 MHz)
- a proposal was made to relax the handset testing conditions in order to accommodate certain MEs with a frequency supply of 3.2 MHz
- several card manufacturers opposed this as this would slightly reduce the interface speed, and because these cards are clearly outside of the standard
- Operators are asked to be aware that such cards are non compliant

MBMS
- A lot of work has been going on to align the MBMS behaviour in the T WG3 specs and the SA WG3 specs, and CRs agreed at T WG3 are suitably aligned with the existing SA WG3 specifications
- However, there will have to be further CRs to the T WG3 specifications as a result of many decisions made at the most recent SA WG3 meeting

MMS
- It was identified that there may be a cross Release interworking problem regarding MMS notification retrieval with application identity: T WG2 have been asked about this, and OMA informed

Testing Working Group
- It has been agreed that the Java CardTM API Testing Ad Hoc become a fully established Sub Working Group
- Chairman is Christophe Begassat from Axalto
- Their first meeting was held at the end of February

Slide 7: Card Interface speed issue. It was reported that some cards have been allowed onto the market which are not compliant with the core specifications and an allowance to relax the test specification to allow the handsets to pass the tests. It was not considered a good practice to relax the standards in order to cater for a manufacturers poor quality components. Operators should be made aware of the existence of these non-compliant cards.

The T WG3 Chairman was thanked for his presentation and the group for the progress made. The status report was then noted.

TD TP-050029 Draft Report of TSG T WG3 meeting. This was provided by the T WG3 Secretary for information and was noted.

TD TP-050014 LS from T WG3: LS on Service Parameters management. This was introduced by LGE and asked SA WG1 to comment on the Service Parameters management issues in T WG3. This was copied to TSG T for information and was noted.

6.3.2   Questions for advice and decisions on T3 issues

There were no specific contributions under this agenda item. Questions and Liaisons from T WG3 were dealt with under agenda item 6.3.1.

6.3.3   Approval of contributions on T3 issues

TD TP-050017 CRs to TS 11.10-4. These CRs were approved.

TD TP-050018 CRs to TS 31.102. CR269 (T3-050169) was withdrawn from this meeting for further consultation within T WG3. All other CRs were approved. It was noted that CR263 removes the EHPLMN functionality from Rel-6 and CR264 inserts it into Rel-7.

TD TP-050019 CRs to TS 31.103. These CRs were approved.

TD TP-050020 CRs to TS 31.111. It was noted that the CR titles were incorrect in the cover table for CRs 140, 141 and 142. These CRs were approved.

TD TP-050021 CRs to TS 31.116. These CRs were approved.

TD TP-050022 CRs to TS 31.121. These CRs were approved.

TD TP-050023 CRs to TS 31.130. These CRs were approved.

TD TP-050024 CRs to TS 31.900. These CRs were approved.

TD TP-050025 CR to TS 51.011. This CR was approved.

TD TP-050026 CRs to TS 51.013. These CRs were approved.

TD TP-050027 CR to TS 51.017. This CR was approved. It was noted that this creates the Rel-4 version of TS 11.17.

TD TP-050016 TS 31.124 Mobile Equipment (ME) conformance test specification; Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (Release 6), Version 2.0.0. This was presented for information in TSG T Meeting #26 and was provided to this meeting for approval. This TS was approved and placed under TSG SA change control as version 6.0.0 (Rel-6).

6.3.4   Documents for information

There were no specific contributions under this agenda item.

6.3.5   Work programme review of T3

There were no specific contributions under this agenda item. The work plan of T WG3 was included in the report under agenda item 6.3.1.

7   Liaison Statements (LS) outgoing

The following Liaison was agreed for transmission to other groups:

TSG T Document	Title	To	CC
TP-050051	LS to NGN@Home: Use of SMS and CBS for Emergencies	AT-NGN@Home (atsupport@etsi.org ted.laverack@etsi.org)	T WG2, EMTEL, SA WG1
TP-050061	LS on Recommendations on the Future of MMS work	3GPP TSG CT, 3GPP2(TSG-X), OMA-MWG, OMA-MWG-MMSG	-
TP-050062	LS on Recommendations on the Future of MMS work for distribution of T WG2 work	TSG CT TSG SA	-

8   Postponed issues from earlier in the meeting

There were no specific contributions under this agenda item.

9   TSG-T Project Management / Work Programme Review and Co-ordination with TSG-SA and other bodies

TD TP-050055 Draft Report of TSG SA Meeting #26. This was provided by the TSG SA Secretary for information and was noted.

TD TP-050049 status list before TSG T#27. This was provided for information and was noted.

TD TP-050048 Specs status per Release. This list was provided for information giving an overview of the status of the specifications. The list was noted.

9.1 Specifications in TSG-T domain

There were no specific contributions under this agenda item.

9.2 Review of 3GPP Work Plan

TD TP-050053 MCC Review of the 3GPP Work Plan. This was presented by A. Sultan (MCC) and was compiled by the MCC as a summary of the status of the 3GPP Work Plan. The outstanding issues relevant to TSG T work were discussed and the work plan review was updated for another presentation to TSG SA the following week.

TD TP-050054 3GPP Work Plan. The latest version of the Work Plan was provided by MCC (A. Sultan) for information and was noted. Members were asked to study the Work Plan and provide feedback to the WG meetings.

10 Any Other Business

TD TP-050063 TSG T Farewell meeting Presentation Slides. A farewell meeting to commemorate the closing of TSG T was held on the final day of the meeting (11 March 2005). The TSG T Chairman whoo expressed his sincere thanks to everybody who were involved in the success of TSG T and it's Working Groups.

The TSG T Management finalised the presentations with the following words:

WISHING ALL DELEGATES A HAPPY AND SUCCESSFUL FUTURE IN TSG-CT, TSG-RAN OR ANY OTHER PLACE

WE WILL REMEMBER TSG-T WITH GREAT FONDNESS

The group presented Dr. Park with some gifts in token of their recognition of his excellent contribution to the success of the work of TSG T.

11 Close of the meeting

The TSG T Chairman thanked the delegates for their hard work and good co-operation during the meeting and the meeting hosts for the organisation and accomodation. He thanked the sponsors of the social event for the nice evening and closed the meeting. This was the final meeting of TSG T which will be merged with TSG CN into TSG CT.

The TSG CT Session (TSG CT Meeting #27) was held from 14.00 Friday 11 March. A separate report of this meeting will be made available on the 3GPP FTP server.

ANNEX A   Approved Agenda

AGENDA

	Agenda Item	Input documents (TP-050nnn)
1	**Opening of the meeting (09:00 Wednesday 9 March) and IPR reminder**	
2	**Election of officials**	045, 046, 047
3	**Approval of Agenda**	001-->009,
4	**Approval of the meeting report from TSG-T#25**	002,
5	**Letters and reports from other groups, LS incoming**	
	5.1 Reports from OP, PCG, TSG SA and others	
	5.2 LSs from TSG-SA, TSG-RAN, TSG-CN, TSG-GERAN and others	003, 004, 005,
6	**Reports from TSG-T Working Groups**	
	6.1 WG T1 Mobile Terminal Conformance Testing	
	6.1.1 Reports and liaisons from T1	028, 029
	6.1.2 Questions for advice and decisions on T1 issues	
	6.1.3 Approval of contributions on T1 issues	030, 031, 032, 033, 034-->052, 035, 036, 037, 039, 040, 042, 043, 044, 059
	6.1.4 Documents for information	
	6.1.5 Work programme review of T1	
	6.2 WG T2 Mobile Terminal Services and Capabilities	
	6.2.1 Reports and liaisons from T2	006, 007, 008, 010, 011, 015, 058-->061, 060, 062
	6.2.2 Questions for advice and decisions on T2 issues	
	6.2.3 Approval of contributions on T2 issue	012, 013-->050
	6.2.4 Documents for information	
	6.2.5 Work programme review of T2	
	6.3 WG T3 USIM	
	6.3.1 Reports and liaisons from T3	014
	6.3.2 Questions for advice and decisions on T3 issues	
	6.3.3 Approval of contributions on T3 issues	016, 017, 018, 019, 020, 021, 022, 023, 024, 025, 026, 027
	6.3.4 Documents for information	
	6.3.5 Work programme review of T3	
7	**Liaison Statements (LS) outgoing**	051, 061, 062
8	**Postponed issues from earlier in the meeting**	
9	**TSG-T Project Management / Work Programme Review**	048, 049, 055

and **Co-ordination with TSG-SA and other bodies**	
9.1 Specifications in TSG-T domain	
9.2 Review of 3GPP Work Plan	053, 054
10 Any Other Business	063
11 Close of the meeting (by 13:00 Friday 11 March) **TSG CT Session from 14.00 Friday 11 March**	

ANNEX B   List of attendees TO BE ADDED

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://ftp.3gpp.org/tsg_t/TSG_T/TSGT_27/Docs/

Number	Title	Source	Agenda item	Document for	Replaced by	Comment
TP-050001	Draft agenda for TSG T meeting #27	TSG T Chairman	3	Approval	TP-050009	Start date and time corrected in TP-050009
TP-050002	Draft report of TSG T meeting #26	TSG T Secretary	4	Approval		Approved
TP-050003	LS from ITU-T Q.1/19 to SDOs	ITU-T Q1/19	5.2	Information		Noted
TP-050004	LS from AT-NGN@Home: AT Activity on emergency communications aspects on access and terminals	AT-NGN@Home	5.2	Action		Response LS in TP-050051
TP-050005	LS from OMA-MWG-MMSG: Response to 3GPP TSG T on MMS Landing Pad Task Force status	OMA-MWG-MMSG	5.2	Information		Noted. TP-050008 related to this topic
TP-050006	LS from T WG2: FUTURE OF T2 UNDER TSG CT	T WG2	6.2.1	Action		Response LS in TP-050060
TP-050007	LS (from T WG2) on Application-ID values	T WG2	6.2.1	Information		Noted
TP-050008	LS from T WG2: Future of MMS work in T2	T WG2	6.2.1	Action		Reviewed with TP-050005. Further discussed in T WG2 presentation and list of T2 WIs provided in TP-050060
TP-050009	Draft agenda for TSG T meeting #27	TSG T Chairman	3	Approval		Approved
TP-050010	Presentation of T WG2 activities since TSG T #26	T WG2 Chairman	6.2.1	Information		Noted
TP-050011	Report of T WG2 to TSG T #27	T WG2 Chairman	6.2.1	Information		Noted
TP-050012	CRs on AT Commands	T WG2	6.2.3	Approval		Approved
TP-050013	CRs on MMS	T WG2	6.2.3	Approval	TP-050050	Revised in TP-050050
TP-050014	LS from T WG3: LS on Service Parameters management	T WG3	6.3.1	Information		Noted
TP-050015	LS from T WG2: LS on Enabling MMS transmission and reception to UICC	T WG2	6.2.1	Information		Noted
TP-050016	TS 31.124 Mobile Equipment (ME) conformance test specification; Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (Release 6), Version 2.0.0	T WG3	6.3.3	Approval		Approved
TP-050017	CRs to TS 11.10-4	T WG3	6.3.3	Approval		Approved
TP-050018	CRs to TS 31.102	T WG3	6.3.3	Approval		CR269 was withdrawn from this meeting. Other CRs Approved
TP-050019	CRs to TS 31.103	T WG3	6.3.3	Approval		Approved
TP-050020	CRs to TS 31.111	T WG3	6.3.3	Approval		Approved
TP-050021	CRs to TS 31.116	T WG3	6.3.3	Approval		Approved
TP-050022	CRs to TS 31.121	T WG3	6.3.3	Approval		Approved
TP-050023	CRs to TS 31.130	T WG3	6.3.3	Approval		Approved
TP-050024	CRs to TS 31.900	T WG3	6.3.3	Approval		Approved
TP-050025	CRs to TS 51.011	T WG3	6.3.3	Approval		Approved
TP-050026	CRs to TS 51.013	T WG3	6.3.3	Approval		Approved
TP-050027	CRs to TS 51.017	T WG3	6.3.3	Approval		Approved
TP-050028	Presentation of T WG3 activities	T WG3 Chairman	6.1.1	Information		Noted
TP-050029	Draft Report of TSG T WG3 meeting	T WG3 Secretary	6.1.1	Information		Noted
TP-050030	T WG1 Status Report	T1 Chairman	6.1.3	Information		Noted
TP-050031	Minutes of T WG1 meeting #26	T1 Secretary	6.1.3	Information		Noted
TP-050032	CRs to 34.108 for approval	T WG1	6.1.3	Approval		Approved
TP-050033	CRs to 34.121 for approval	T WG1	6.1.3	Approval		Approved
TP-050034	CRs to 34.123-1 for approval	T WG1	6.1.3	Approval	TP-050052	Revised in TP-050052
TP-050035	CRs to 34.123-2 for approval	T WG1	6.1.3	Approval		Approved
TP-050036	CRs to 34.123-3 (Prose part not Annex A) for approval	T WG1	6.1.3	Approval		Approved - see also mirror CR in TP-050059
TP-050037	CR to 34.123-3 (Prose part in Annex A) for approval	T WG1	6.1.3	Approval		Approved
TP-050038	Introduction of TS 34. 171 A-GPS for approval	T WG1	6.1.3	Approval	WITHDRAWN	WITHDRAWN
TP-050039	Summary of TTCN CR B category to 34.123-3 for approval	T WG1	6.1.3	Approval		Approved

Number	Title	Source	Agenda item	Document for	Replaced by	Comment
TP-050040	Summary of TTCN CR F category to 34.123-3 for approval	T WG1	6.1.3	Approval		Approved
TP-050041	Add new verified TTCN test cases CR to 34.123-3 (prose), Annex for approval	T WG1	6.1.3	Approval	WITHDRAWN	WITHDRAWN
TP-050042	MCC task 160 March 2005 report for approval	MCC task 160	6.1.3	Approval		Approved
TP-050043	New Work Item Network sharing tests	T WG1	6.1.3	Approval		Approved
TP-050044	Updated Work Item Progress Report	T WG1	6.1.3	Approval		Approved
TP-050045	List of applicants for the offices of Chairman and Vice Chairmen for TSG RANnew	TSG T Secretary	2	Information		Noted
TP-050046	List of applicants for the offices of Chairman and Vice Chairmen for TSG CT	TSG T Secretary	2	Information		Noted
TP-050047	Elections: a practical guide	MCC (J. Meredith)	2	Information		Noted
TP-050048	Specs status per Release	MCC (J. Meredith)	9	Information		Noted
TP-050049	status list before TSG T#27	MCC (J. Meredith)	9	Information		Noted
TP-050050	CRs on MMS	T WG2	6.2.3	Approval		Approved
TP-050051	LS to NGN@Home: Use of SMS and CBS for Emergencies	TSG T	5.2 / 7	Approval		Approved
TP-050052	CRs to 34.123-1 for approval	T WG1	6.1.3	Approval		Approved
TP-050053	MCC Reveiew of the 3GPP Work Plan	MCC (A. Sultan)	9.2	Information		Noted. To be updated and presented to TSG SA
TP-050054	3GPP Work Plan	MCC (A. Sultan)	9.2	Information		Noted
TP-050055	Draft Report of TSG SA Meeting #26	TSG SA Secretary	9	Information		Noted
TP-050056	WITHDRAWN		-		WITHDRAWN	WITHDRAWN
TP-050057	WITHDRAWN		-		WITHDRAWN	WITHDRAWN
TP-050058	LS on Recommendations on the Future of MMS work	TSG T	6.2.1 / 7	Approval	TP-050061	Revised in TP-050061
TP-050059	Mirror CR to 34.123-1: Replacement of 34.123-3 Release 99 by a pointer to the newly created Release 5 version (Rel-4)	MCC	6.1.3	Approval		Mirror CR to a CR in TP-050036. Approved
TP-050060	Distribution of TSG T WG2 work (by T WG2 work areas)	Ericsson	6.2.1 / 7	Discussion / Decision		Updated version included in LS to CT and SA in TP-050062
TP-050061	LS on Recommendations on the Future of MMS work	TSG T	6.2.1 / 7	Approval		Approved
TP-050062	LS on Recommendations on the Future of MMS work for distribution of T WG2 work	TSG T	6.2.1 / 7	Approval		Approved
TP-050063	TSG T Farewell meeting Presentation Slides	TSG T Vice Chairman	10	Information		Noted

ANNEX D   List of change requests presented to TSG-T #26 TO BE ADDED

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 under the directory: ftp://ftp.3gpp.org/Information/Databases/Change_Request

ANNEX E   **List of approved WIDs TO BE ADDED**

ANNEX F   List of all officials within TSG-T   TO BE UPDATED

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	Friedhelm RODERMUND	MCC (3GPP support)	3GPP	rodermund@etsi.org	+33 4 9294 4324

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/