Source:	**TSG T WG1**
Title:	**T1 minutes of T1 meeting #5**
Agenda item:	**6.1**
Document for:	**Information**

3GPP TSG T WG1 #5
Sophia Antipolis, France
9-10 December 1999

DRAFT Report from the 3GPP TSG T WG1 #5 Plenary Meeting

9-10 December 1999

Mediathel Hotel, Sophia Antipolis, France

Revision: 1

Chairman: Bjarke Nielsen

Secretary: Lidia Salmerón

TABLE OF CONTENTS

1 Opening of the meeting

The forth TSG T1 Plenary meeting was held on 9-10 December 1999 in Sophia Antipolis (France) and was hosted by ETSI.

Mr Nielsen opened the meeting at 9.00 am and welcomed the Chinese delegation.

2 Adoption of the agenda

Tdoc T1-99135 is the proposed agenda.

The scope of the meeting is:

> - To clear up the logistics to prepare for release 1999
> - To prepare TSG T1 for the future work

The agenda was agreed.

3 Registration of input documents

The documents were allocated to the agenda as indicated in Annex B.

4 Approval of the minutes from last meeting

> *- Follow-up on action points / outstanding issues*

The report from the last T1 meeting (Kobe) can be found in Tdoc **T1-99136**. The following actions points were identified:

Responsible	AP Description	Status	Comments
TSG T	To clarify the definition of "Mobile Station"/ "User Equipment" / "Terminal"	Open	To be treated during this meeting
All	To send contributions about the different regulatory situations	Open	
All	To have a proposal for the interface TTCN-test equipment	Ongoing	This was started in the ETSI-TTCN meeting 29th September. The discussion is ongoing in T1/Sig. Mr Fox asked delegates to subscribe to the T1/SIG reflector to follow the discussion. A proposal will be distributed on the reflector in 2 weeks. Mr Hu thinks all the discussion shall be recorded in 34.123-3.
Ms Salmeron	To send LS to RAN2 and CN1 on using identifiers for SDL branches	Close	The LS was noted at RAN2. We need to find what happened in CN1. This will be confirmed on the e-mail reflector. *See document T1-99137*
Mr Fox	Reference test environment (joint meeting)	Done	There is a proposal for a new work item

			(34.108)
Mr Yokoyama	Test equipment requirement	Done	Included in the T1/RF report
Mr Yokoyama	To request some information about RF technical requirements from the Japanese regulatory organisation	Done	Mr Yokoyama explained that they have received some information and their test cases are consistent with this information. See T1R99135.
Mr Nakagomi	To request some information about signalling technical requirements from the Japanese regulatory organisation	Done	T1S99046 is an update on the Japanese regulatory situation. Also see T1-99110r.
Ms Salmeron	To include T1-99104 (Rules for sending LS) and T1-99112 (T1-PRD presentation) in T1-PRD directory	Done	
Ms Salmeron	To change 34.124 to TS and create work item for "Table 1"	Done	34.124 changed to TS. Wor item to be created at this meeting.
Mr Fox and Mr Yokoyama	To make LS to T including schedule of RF and signalling test cases.	Done	
Mr Mattisson	To initiate the discussion about the reference environment in the joint meeting	Done	This was done in the T1/RF & Sig joint session
Ms Salmeron	To create folder on the server for "Working documents"	Done	
Mr Mattisson	To initiate the discussion about the reference environment in the joint meeting.	Done	
Ms Salmeron	To send LSs	Open	Response is needed to T1-99117
Mr Nielsen	To send an e-mail clarifying the approval of versions in T.	Done	
All	To provide information about how testing is handled in 3GPP2.	Open	
Ms Nielsen	To send invitation and agenda for STQ meeting	Done	
Different regions	To check that the document 34.110 is OK for their regulation	Withd rawn	
Mr Yokoyama and DoCoMo	To e-mail to Mr Nielsen some changes related to the Japanese tests for inclusion in 34.110.	Done	

The minutes from last meeting were approved without modification.

5   Incoming LS's

Tdoc T1-99137: LS from CN1 on using identifiers for SDL branches
In this LS TSG-N1 informs T1 that they don't use SDL diagrams in the normative parts of their stage 3 specifications. It was noted that this has no effect in our R99 specs since we do not plan to generate test cases form SDL. The LS was noted.

Tdoc T1-99138: LS from RAN4 on Physical Layer Measurement Requirements
RAN4 informs about the creation of two new sections in 25.103 for Measurement Performance Requirement (FDD & TDD) including the accuracy and all the requirement values in 25.302. It was also clarified that 25.103 is going to be separated in 25.133 (FDD) and 25.123 (TDD). The LS was noted.

Tdoc T1-99139: LS from RAN2 on response to LS on "Definitions for usage of Multimode/system terminals"
This LS includes some comments from RAN2 in the definitions proposed by T2 in document T1-99102. The LS was noted.

Tdoc T1-99140: LS from T2 SWG5 on Re: LS regarding "definition for usage of Multi-mode/system terminals"

This is a response to a LS sent by T1 in T1-99125, asking where the definitions are going to be included. T2 SWG5 asks RAN to include some definitions in TR 25.990 (as suggested by T1). The LS was noted.

AP Mr Sood: To inform T1 when this information is stable.

Tdoc T1-99141: LS from T2 SWG5, cc T1 on response to LS TSGR2#7(99)D25 on "Definitions for usage of Multi-mode/system terminals"

This is the T2 answer to the comments from RAN2 included in T1-99139.

Tdoc T1-99142: LS from N2 on required super charger enhancements

N2 presents some enhancements on Super Charger that will be included in TS 23.060 and 23.040. The LS was noted. Mr Fox noted that this will have no effect on the T1/Sig work. He will write a response in **T1-99172**.

Tdoc T1-99143: LS from RAN1 informing about the changes made to FDD/TDD Tx diversity solutions in TSG-R WG1 #8

RAN1 asks T1 to check if these changes have any effect in T1 specifications. The LS was noted.

AP Mr Savolainen: To check if these changes have any impact in RAN4 specs and write a response in **T1-99175** (to be approved on the e-mail reflector).

Tdoc T1-99145: LS from RAN3 on answer to LS from RAN1 on Power Control - TDD aspects

The document was noted by T1 and will be considered by the T1/RF subgroup.

Tdoc T1-99157: LS from T2 in response to questions regarding terminology differences - Mandatory and Optional

T2 suggests some terminology for inclusion in the 3G vocabulary document. The document was noted. T1 supports the terminology and will be implemented in our ICS document if T decides to support the proposal.

Tdoc T1-99149: Proposal LS from T1 to SA WG1 (subject: standard MMI procedure to display ME revision information)

Mr Mora from TIM presented this proposal to introduce a standard MMI procedure to display ME revision information. It was felt that this requirement should be discussed at S1 first. It was also noted that the need for this feature has to be discussed first in the T1/RF and T1/Sig subgroups. If T1 decides that this is needed, T1 will make a proposal to S1.

6 Time schedule for next meetings

The meeting schedule is included in Tdoc **T1-99152**. The date of the T1#7 and subgroups was changed to 5-9 June.

The table below shows the planned dates for the next plenary and subgroups meetings.

Meeting	Date	Location	Host
TSG T1/RF #10	24-26 Jan	San Jose (USA)	Anritsu
TSG T1/SIG #8	24-26 Jan	San Jose (USA)	Anritsu
TSG T1/EMC #8	22-23 Feb	Munich	
TSG T1/RF #11	21-23 Feb	Munich	R&S
TSG T1/SIG #9	21-23 Feb	Munich	R&S
TSG T1/EMC#9	21-23 Feb	Munich	R&S
TSG T1 #6	24-25 Feb	Munich	R&S
TSG T1 #7 + Subgroups	5-9 June	Anritsu	UK

Mr Nielsen said that GSM North America (GSMNA) would like to have a joint meeting with T1. A small delegation from T1 will be sent to one of their meetings.

It was noted that some hosts are necessary for the subgroup meetings.

7 Clarification of new working procedures

- *managing work items (new concepts presented at the TSG-SA),...*
- *new formats and templates*
- *guidelines and principles for Vocabulary (who does what? – what do we need to update?)*
- *final definitions of UE, MS, terminal, ...(what do need to update?)*
- *release 1999 requirements and reporting, delayed test specifications,..*

T1-99144: Overview of TSG#5 results
Presented by Ms Salmeron.

T1-99146: Template for R99 submission to TSGs
To be filled in for each TS/TR considered part of R99 and to be presented at T meeting.

T1-99147: Template for Presentation of Specification to TSG or WG
To be filled in each time a specification is presented to T1 or T.

T1-99154: 3GPP vocabulary updates
Ms Salmeron explained the 3G vocabulary will be included in TR 21.905 (currently in version 0.1.0). All document shall reference to this one. The editor of this report is Mr Michele Zarri (michele.zarri@one2one.co.uk). T1 shall forward to him any terminology felt as necessary for the group.

AP to SWG chairman: to check 21.905 to see what new vocabulary is needed.

Mr Yokoyama presented document **T1-99165**: Handling guideline of definition of terms/abbreviations/etc, which was endorsed by the meeting.

It was noted that local definitions override global ones.

T1-99155: Document presented at SA #5 on Proposal for UE definition and handling of the GSM references
What shall we do with 'Terminal'? Dr Park explained that 'terminal' can still be used to defined generic situations.

T1-99156: Document presented at SA #5 on Model for Technical project co-ordination and management
The document was presented for information. This work item structure will be used for R2000.

8 TSG-T1 future structure

We may be facing the situation where

- *SMG7 will be connected / merged into TSG-T1*

- *TSG-T1 must deal will several air interfaces (FDD, TDD, GSM/EDGE,…) and maybe even several CNs. There may/will be handover scenarios between these different systems.*

Can we optimise our internal structure to facilitate an easier adoption to these new possible situations?

Mr Nielsen explained this is just to initiate delegates thinking about this possibility. SMG7 work may be transferred to 3GPP in the near future.

It was also noted that there is a recommendation from OHG that 3GPP and 3GPP2 shall merge in the future, but there is no discussion for the moment.

9 Status reports

9.1 SMG7

The SMG7 #23 report is included in document **T1-99148**. Ms Salmeron presented document **T1-99181**, which contains the presentation made by the SMG7 chairman at SMG #30.

Mr Nielsen noted that from our specifications, different 'Harmonised Standard' (regulatory documents) will have to be generated for the different 3G regions.

9.2 TSG-T1/EMC

The draft minutes of the T1/EMC #7 meeting (T1E99057) and the new work plan (T1E99055) are included in document **T1-99168**. Mr Fenn explained the subgroup decided not to advance 34.124 to v2.0.0 because some issues like 'Call set-up' were not clear. Nevertheless, after the joint meeting with RF and Signalling subgroups, some of these issues were resolved.

At their next meeting (22-23 Feb 00) they will study the documents pointed out by RF and SIG during the joint session.

It was noted that the time schedule for 34.124 is not changed.

A new work item for a technical report based on the Table of International EMC requirements is requested in **T1-99169** (T1E99052r). The rapporteur will be Mr Fenn. A preliminary draft of this technical report is included in T1E99051.
T1 approved this request. Nevertheless, a detailed work item description is necessary, showing the time schedule for the TR. The request will be forwarded to T when this work item description is available.

The meeting schedule is included in **T1-99168**.

#8	FEBRUARY 22—23 2000, Munich
#9	APRIL 11-12 2000, London
#10	SEPTEMBER 5-6 2000, Helsinki

It was confirmed the 34.124 is part of R99. The R99 submission form is included in T1E9958. The document was revised under agenda item 13. The revised version is included in document **T1-99183**.

9.3 TSG-T1/Signalling

T1-99167: Status report from T1/SIG
Mr Fox presented his report. The main points to highlight from the signalling subgroup are:

- TS 34.123-1 prepared for v1.0.0 (on schedule)
- TS 34.123-2 prepared for v1.0.0 (on schedule)
- Increase in resource and contribution in T1/SIG
- Funding for generation of TS 34.123-3 not yet available, impact on schedules
- Delays in finalisation of core specifications (TS 24.008) will impact schedules
- Next major task is to agree architecture, structure, coding rules and work plan for TTCN test suite

T1-99171: TS 34.123-1 v0.0.6

This document is presented to T1 for approval and later presentation to T for information. Mr Fox thanked all the participants of the T1/SIG subgroup for their effort preparing all the test cases.

The main outstanding issues are:

- The test cases included in the specification are as complete as is practical, considering the status of the core specifications. These test cases will be revised once the release 99 of the core specification becomes available.

- The test cases that are not yet included in the specification are scheduled for inclusion before June 2000.

It was noted that this specification can only be available on time is the relevant core specifications are stable enough.

A table included in the cover sheet of the document shows the current status of the different sections of 34.123-1.

The document (with 700 pages!) was approved as v1.0.0 by T1 to be presented to T for information.

T1-99170: TS 34.123-2 (ICS) v0.0.9
The document was approved as v1.0.0 and will be presented to T for information.

T1099158: LS from T1/sig on release 99 of test specifications
In this LS, T1/SIG informs T1 that the services that will have test cases in both prose and TTCN for R99 are:

- voice call (including emergency call)
- SMS (PP & CB)
- Circuit Switched data up to 64 kbps and Fax
- Low battery detection and autocalling restriction

If some voluntary contributions, some other services will be included.

T1-99159: Liaison statement for TSG-T1 regarding schedule for the development of a TTCN abstract test suite for 3GPP conformance testing
This LS was sent by T1/SIG. The main points in the schedule are the following:

Milestone	Meeting	Target date (2000)
♦ Get T1/T approvals for team structure, and scope (term of reference)	T #6	13-15 Dec
♦ Get agreement on uniform coding style to be used by funded team and all voluntary contributions	T1/SIG #8	24-25 Jan
♦ Notify selection of team to TSG-T	T#7	15-17 Mar
♦ TTCN 34.123-3 framework with example test cases presented to T1/T for information ♦ TS 34.123-1 approved by TSG-T (key dependency)	T#8	19-21 Jun
♦ Revised date for proposal of 34.123-3 to T1/T for information (version 1.0.0)	T#9	25-27 Sep
♦ TTCN 34.123-3 presented to T for approval (version 3.0.0)	T #11	Mar '01

The TTCN team will focus on the generation of the TTCN framework (common sections) and in the migration of GSM ATS.

The time schedule was approved by T1. It was noted that if there is no funding by January 00, the schedule will be delayed.

T1-99160: ToR for MCC Task IK on development of 3GPP ATSs for UE R99
Mr Hu presented this proposal for the Terms of Reference of the TTCN team. The work is expected to start in March 2000 and finish in March 2001. The team will be composed of 3 TTCN specialists. It is noted that as soon as the v1.0.0 of the TTCN is available, the validation should be started by the T1 members. In order to meet the time schedule T1 will require voluntary contributions to get the test cases completed and validated by March 2001. This last comment will be included in a revised version of the document in **T1-99177**.

T1-99166: ToR for Task IM on 3G UE test descriptions for R99 & R00
Mr Hu explained that this document is the result of an action point from last SA meeting, where T1 was asked to analyse if an additional team for the production of prose test cases was needed. Some comments were made on how to use this funding. The document will be reviewed in **T1-99178**.

T1-99161: Proposal for a new work item for the creation of TS 34.108
This document is to request the creation of a work item to produce the specification TS 34.108; Common Test Environments for User Equipment (UE) Conformance Testing.

TS 34.108 will contain definitions of reference conditions and test signals, default parameters, reference Radio Bearer configurations, common requirements for test equipment and generic set-up procedures for use in UE conformance tests.

Schedule:

TS 34.108 version 0.0.1	Document creation	January 2000
TS 34.108 version 1.0.0	TSG-T #7	March 2000
TS 34.108 version 3.0.0	TSG-T #8	June 2000

The proposal was approved and will be forwarded to T for final approval.

T1-99153: LS from T1/RF to T1 on responsibilities of combined testing areas between T1 RF & SIG SWG
Mr Mattisson explained that the identified combined testing areas are:
- PLMN selection/reselection
- Cell selection and reselection
- Handover, hard/soft, FDD/TDD, 2G/3G
- Location Area (LA) and Routing Area (RA) updating (MS idle mode)
- Cell and UTRAN Registration Area (URA) updating (MS connected mode)
- Measurement reporting
This is further detailed in T1 iWD-001, which can be found in the "Working_docs" folder on the T1 server.

The RF and SIG SWG responsibilities have been agreed for test cases regarding idle mode operations, handover and measurement reporting.

AP Mr Mattisson: To update the terms of reference.

T1-99172: LS to T2 on services supported in 34.123-1 R99
Mr Fox presented the document. He clarified that the target is to do as much as possible, but a minimum set of services will be guaranteed. The LS was agreed.

T1-99174: Response to Liaison statement from TSG-CN2 on Required Super-charger Enhancements
The LS indicates that TSG-T1 requires time to fully consider if this has any indirect impact on its specifications. However, the initial assessment is that there is no impact. The LS was approved after some editorial modifications.

T1-99178: ToR of MCC Task IM on 3G UE test description for R99 (revision)
In this revision, R00 has been deleted. The major task is to produce test purposes and test descriptions for UE supporting packet data service. The meeting felt that the task should not be restricted, in case of some time left after the completion of the main task. The document was modified with "If time permits, the team should continue to work on the inclusion of other items into TS 34.123-1 that are part of R99 core specs, but are not currently resourced." Some other changes were done on-line. The document was approved and will be presented to T plenary.

T1-99177: ToR for MCC Task IK on development of 3GPP ATSs for UE R99 (revised)
The document was approved and will be presented to T plenary.

R99 submission forms in **T1-99171** (34.123-1) and **T1-99179** (34.123-3) were approved.

9.4   TSG-T1/RF

T1-99151: Report from the T1/RF subgroup
Mr Yokoyama presented the report. He explained that their test specifications are very dependent on the core specifications, which change quite often. They will consider core specs approved at TSG; this means that there may be a delay of up to 3 month in the updates made to the test specifications.

The areas not included in R99 are:
- Packet switched data service, multi-code service
- Test conditions details (confidence limits info, requirement for test equipment, test points and environmental conditions...)

Schedule:
- 34.121 v3.0.0: March 00 (delayed)
- 34.121 v3.0.0: June 00 (advanced)
- 34.109 v3.0.0: March 00

Mr Yokoyama requested some more contributions for the completion of the RF test cases. The document was approved.

T1-99150: TS 34.122 v0.4.0
TS 34.122 was approved as v1.0.0 to be presented at T for information.

T1-99164: TS 34.121 v1.5.0
TS 34.121 was presented for information to T1.

T1-99180: Revision of RF R99 cover sheet
This document contains the R99 submission forms for 34.121 and 34.122. The 'outstanding issues' of 34.122 were modified on line and the document was finally approved.

T1-99176: TS 34.109 v1.0.3 (revised)
Mr Mattisson explained that the outstanding issues have been updated with comments from the joint session. Some changes were done to the R99 cover sheet on-line. The presentation was approved.

10　　Audio testing

- *What will be done by SA4 & STQ?*
- *What is left for TSG-T1 to do? Who will do it and when must it be finished?*

Mr George presented two documents in this section:

T1-99173: Report on audio test activities
He explained that S4 has a work item covering audio testing and that we will collaborate with them. T1 will not do audio testing, since these are left to S4. It was felt that a LS to S4 was necessary, and is included in T1-99182.

T1-99182: LS to S4 on Opportunities for collaboration between T1 and S4
In this LS, T1 informs S4 that 34.108 may be useful for them when developing the audio interface. Information about no requirements for DAI in T1 was included and the LS was finally approved.

11　　Status of the former 34.110 (Document for regulatory use)

List of test case priorities must be elaborated and distributed via TSG-SA to all SDOs for comments and inputs. Result should be accumulated in the TR34.910.

Mr Nielse said that 3GPP has no mandate to specify requirement for type approval in any region. To be able to identify the priority of test cases it was agreed to make a list of test cases that will be sent to the SDOs for their opinion. The feedback of the SDOs will be recorded in the TR 34.910, indicating the test cases that are considered regulatory in the different regions.

TR 34.910 will not be part of R99.

The list of test cases will be sent out on the e-mail reflector.

12   Status of the 'Voluntary Certification Scheme'

The name has been changed into 'GSM Certification Forum'. What is the status of the work and how can we co-operate?

GCF is composed of operators and manufacturers. They proposed a set of test cases in a voluntary basis. For the moment the test cases are based on GSM but their work will be extended to the 3GPP test cases.

13   Postponed issues

T1-99183: R99 submission form for 34.124.
The document was edited on-line and approved.

14   Any other business

Mr Nielsen presented his draft T1 status report to be submitted to T and asked for comments.

15   Closing of the meeting

Mr Nielsen closed the meeting at 12.30 on Friday

Annex A. List of participants.

Mr. Hiroji Akahori	Oki Electric Industry Co. Ltd.	ARIB	3GPPMEMBER	+81 426 62 6580	+81 426 65 6536	akahori080@oki.co.jp
Mr. Loris Bollea	TELECOM ITALIA S.p.A.	ETSI	3GPPMEMBER	+39 011 228 7366	+39 011 228 7369	loris.bollea@cselt.it
Mr. Peng Zhi Cao	SHANG HAI BELL	CWTS	3GPPMEMBER	+86 21 58541240	+86 21 50317224	smdcpz@sbell.com.cn
Mr. John B Fenn	SAMSUNG Electronics	ETSI	3GPPMEMBER	+44 1784428 600	+44 1784 428 629	johnbfenn@aol.com
Mr. Daniel Fox	ANRITSU LTD	ETSI	3GPPMEMBER	+44 1582 433 357	+44 1582 433 276	dan.fox@eu.anritsu.com
Mr. Peter George	ANRITSU LTD	ETSI	3GPPMEMBER	+44 1438 740011	+44 1438 740202	Peter.George@eu.anritsu.com
Mr. Seiji Hagiwara	NTT DoCoMo	ARIB	3GPPMEMBER	+81 468 40 3100	+81 468 40 3733	hagisei@mlab.yrp.nttdocomo.co.jp
Mr. Kazuo Hayashi	Matsushita Communication	ARIB	3GPPMEMBER	+81 468 40 5240	+81 468 40 5222	kazuo.hayashi@yrp.mci.mei.co.jp
Mr. Jarkko Hellsten	NOKIA Corporation	ETSI	3GPPMEMBER	+358 10 505 2460	+358 10 505 5220	jarkko.hellsten@nokia.com
Mr. Kenji Higuchi	ADVANTEST Corporation	ARIB	3GPPMEMBER	+81 485 56 6500	+81 485 54 6833	higuchi@gytmi.advantest.co.jp
Mr. Yusuke Honda	Matsushita Communication	ARIB	3GPPMEMBER	+81 22 377 9604	+81 22 377 9608	honda@srd.mci.mei.co.jp
Mr. Shicheng Hu	ETSI	ETSI	3GPPORG_REP	+33 4 92 94 43 69	+33 4 93 65 38 51	shicheng.hu@etsi.fr
Mr. Masato Matsumoto	DENSO CORPORATION	ARIB	3GPPMEMBER	+81 566 25 9905	+81 566 25 4751	m_matsu@hcom.denso.co.jp
Mr. Leif Mattisson	ERICSSON L.M.	ETSI	3GPPMEMBER	+46 46 193365	+46 70 619 6475	Leif.mattisson@ecs.ericsson.se
Mr. Mauro Mora	TELECOM ITALIA S.p.A.	ETSI	3GPPMEMBER	+39 06 3900 9065	+39 06 3900 9033	mmora@mail.tim.it
Mr. Giovanni Musolino	TELIT Mobile Terminals S.p.A.	ETSI	3GPPMEMBER	+39 040 4192 244	+39 040 2512 57	giovanni.musolino@rs1.telital.it
Mr. Hisashi Nakagomi	NTT DoCoMo	ARIB	3GPPMEMBER	+81 468 40 3100	+81 468 40 3733	hisashi@cet.yrp.nttdocomo.co.jp
Mr. Masaaki Nemoto	Mitsubishi Electric Co.	ARIB	3GPPMEMBER	+81 467 41 2886	+81 467 41 2819	masaaki@csc.melco.co.jp
Mr. Bjarke Nielsen	SONY INTERNATIONAL (EUROPE)	ETSI	3GPPMEMBER	+49 89 945 78 107	+49 89 945 78 412	bjarke.nielsen@ipce.eu.sony.co.jp

Mr. Janne Niemi	NOKIA Corporation	ETSI	3GPPMEMBER	+358 505 51 4294	+358 105 05 5220	janne.niemi@nokia.com
Mr. Pekka Niskanen	SOFIMATION OY	ETSI	3GPPMEMBER	+358 9 670 370	+358 9 670 208	pekka@sofimation.com
Mr. Kouichi Ohtani	Nokia Mobile Communications	ARIB	3GPPMEMBER	+81 3 5510 5538	+81 3 5510 0801	kouichi.ohtani@nmp.nokia.com
Dr. Sang-Keun Park	Samsung Electronics Co., Ltd	TTA	3GPPMEMBER	+82 331 280 9835	+82 331 280 1660	skpark@khgw.info.samsung.co.kr
Ms. Lidia Salmeron	ETSI	ETSI	3GPPORG_REP	+33 4 92 94 43 49	+33 4 93 65 28 17	lidia.salmeron@etsi.fr
Mr. Juha Savolainen	NOKIA Corporation	ETSI	3GPPMEMBER	+358 50 553 8373	+358 105 056 777	juha.t.savolainen@nokia.com
Mr. Toshihiro Shimizu	Matsushita Communication	ARIB	3GPPMEMBER	+44 16 35 87 04 66	+44 16 35 87 13 45	toshi.shimizu@mci.co.uk
Mr. Yoichi Shimokawara	SONY Corporation	ARIB	3GPPMEMBER	+81 3 5782 5199	+81 3 5782 5213	shimo@wtlab.sony.co.jp
Mr. Prem Sood	SHARP Corporation	ARIB	3GPPMEMBER	+1 360 834 8708	+1 360 834 8696	pls@sharplabs.com
Mr. Denis Susko	CETECOM GmbH	ETSI	3GPPMEMBER	+49 2054 9519947	+49 2054 951913	denis.susko@cetecom.de
Mr. Atsuo Taguchi	Nokia Mobile Communications	ARIB	3GPPMEMBER	+81 468 47 6179	+81 468 47 6154	atsuo.taguchi@nokia.com
Mr. Akira Tsukamoto	DENSO CORPORATION	ARIB	3GPPMEMBER	+81 566 25 9919	+81 566 25 4751	a-tuka@hcom.denso.co.jp
Mr. Paul Voskar	NOKIA UK Ltd	ETSI	3GPPMEMBER	+44 1252 865 2 76	+44 1252 865 065	paul.voskar@nokia.com
Mr. Shin-Ichi Wakayama	Fujitsu Limited	ARIB	3GPPMEMBER	+81 44 754 3749	+81 44 754 3879	wakayama@mcws.ts.fujitsu.co.jp
Ms. Renqiu Wang	SHANG HAI BELL	CWTS	3GPPMEMBER	+86 21 58541240	+86 21 50317224	smdwrq@sbell.com.cn
Mr. Do-Hyon Yim	Samsung Electronics Co., Ltd	TTA	3GPPMEMBER	+82 331 280 1686	+82 331 280 1660	ydhyon@khgw.info.samsung.co.kr
Mr. Mitsuru Yokoyama	Agilent Technologies Japan Ltd	ARIB	3GPPMEMBER	+81 78 993 2763	+81 78 993 2683	yoko@kobe.hp.com
Mr. Kunitoshi Yonekura	Fujitsu Limited	ARIB	3GPPMEMBER	+81 44 754 3747	+81 44 754 3883	yonekura@mrt.ts.fujitsu.co.jp

Annex B. List of documents

Tdoc	Title	Source	Agenda item	Revised	Status
T1-99135	agenda	chairman	2		agreed
T1-99136	Draft Report from T1 #4	secretary	4		agreed
T1-99137	LS from CN1 to T1 on using identifiers for SDL branches	CN1	5		noted
T1-99138	LS from RAN4 on Physical Layer Measurements Requirements	RAN4	5		noted
T1-99139	LS from RAN2 on response to LS on "Definitions for usage of Multi-mode/system terminals"	RAN2	5		noted
T1-99140	LS from T2 SWG5 on Re: Liaison statement regarding "Definitions for usage of Multi-mode/system terminals"	T2 SWG5	5		noted
T1-99141	LS from T2 SWG5, cc T1, on response to LS TSGR2#7(99)D25 on "Definitions for usage of Multi-mode/system terminals"	T2 SWG5	5		noted
T1-99142	LS from N2 on REQUIRED SUPER CHARGER ENHANCEMENTS	N2	5		noted
T1-99143	LS from RAN1 informing about the changes made to FDD/TDD Tx diversity solutions in TSG-R WG1 #8	RAN1	5		noted
T1-99144	Overview of TSG#5 results	SA secretary	7		noted
T1-99145	Answer to LS from RAN1 on Power Control – TDD aspects	RAN WG3	5		noted
T1-99146	Template for R99 submission to TSGs	ETSI MCC	7		noted
T1-99147	Presentation of Specification to TSG or WG	ETSI MCC	7		noted
T1-99148	Report from SMG7 #23 in Sophia Antipolis	ETSI MCC	9a		noted
T1-99149	Proposal LS from T1 to SA WG1 (subject: standard MMI procedure to display ME revision information)	TIM	5		noted
T1-99150	34.122 v0.4.0	T1/RF chairman	9d		approved
T1-99151	T1/RF status report + Proposal for R99 definition (T1/RF related)	T1/RF chairman	9d		approved
T1-99152	T1 meeting schedule 30-11-99	chairman	6		noted
T1-99153	LS from T1/RF to T1 on responsibilities of combined testing areas between T1 RF & SIG SWG	T1/RF	9c		noted
T1-99154	3GPP vocabulary updates	MCC	7		noted
T1-99155	Document presented at SA #5 on Proposal for UE definition and handling of the GSM references	MCC	7		noted
T1-99156	Document presented at SA #5 on Model for Technical project co-ordination and management	MCC	7		noted
T1-99157	LS from T2 in response to questions regarding terminology differences – Mandatory and Optional	T2	5		noted
T1-99158	LS from T1/sig on release 99 of test specifications	T1/sig	9c		noted
T1-99159	LS from T1/sig on plan for generation of TTCN for TS 34.123-3	T1/sig	9c		noted
T1-99160	ToR for MCC Task IK on development of 3GPP ATSs for UE R99	ETSI MCC	9c	177	revised
T1-99161	Proposal for a new work item for the creation of TS 34.108	T1/RF & T1/SIG	9c		approved
T1-99162	TS 34.109 v1.0.3	Ericsson	9d	176	revised
T1-99163	Status report of 34.109	Ericsson	9d		not presented
T1-99164	TS 34.121 v1.5.0	T1/RF subgroup	9d		noted
T1-99165	Handling guideline of definition of terms/abbreviations/etc	T1/RF subgroup	7		endorsed
T1-99166	ToR for Task IM on 3G UE test descriptions for R99 & R00	ETSI MCC	9c	178	revised

Tdoc	Title	Source	Agenda item	Revised	Status
T1-99167	Minutes from T1/SIG #7	T1/sig chairman	9c		noted
T1-99168	T1/EMC status report (T1E99057, T1E99055)	T1/EMC chairman	9b		noted
T1-99169	New work item proposal (T1E99052r)	T1/EMC chairman	9b		noted
T1-99170	Ts 34.123-2 (ICS)	T1/Sig	9c		approved
T1-99171	TS 34.123-1	T1/Sig	9c		approved
T1-99172	LS to T2 on services supported in 34.123-1 R99	Anritsu	9c		approved
T1-99173	Report on audio test activities	T1 vicechairman	10		noted
T1-99174	Response to LS from TSG-CN2 on Required Super-charger Enhancements (T1-99142)	Mr Fox	9c		approved
T1-99175	LS answering T1-99143	Mr Savolainen			To be approved on the e-mail reflector
T1-99176	Revision of 162	Ericsson	9d		approved
T1-99177	Revision of 160	ETSI MCC	9c		approved
T1-99178	Revision of 166	ETSI MCC	9c		approved
T1-99179	R99 Submission form of 34.123-3	T1/Sig	9c		approved
T1-99180	Revision of RF R99 cover sheet	Mr Yokoyama	9d		approved
T1-99181	Presentation from SMG7 chairman at SMG #30	ETSI MCC	9a		noted
T1-99182	LS to S4 on Opportunities for collaboration between T1 and S4	T1	10		approved
T1-99183	R99 Submission form of 34.124	EMC subgroup	13		approved

Annex C. Minutes from the joint meeting

C.1   RF/SIG/EMC joint meeting

C.1.1   TS 34.123-2, ICS pro-forma

Ms Salmeron presented the new version of the ICS proforma included in T1S99082 / T1R99152. The document was approved as v0.0.9 and will be presented to T1 for approval as v1.0.0.

C.1.2   Discussion for LS from T1/EMC to T1/SIG and T1/RF

T1R99146: LS on call set up definition

The T1/EMC subgroup doesn't know the process of establishing a call, they also must be able to monitor what is happening in the link.

From the signalling subgroup, Mr Fox explained that all the processes for call set up procedure are included in the common reference environment document (TS 34.108). The EMC subgroup can refer to that document. For the moment 34.108 is not created yet. In the meantime, the information to be included there can be found in 34.123-1 and 34.109.

From the RF subgroup, Mr Yokoyama asked them to refer to Tdoc T1R99164.

C.1.3   TS 34.108

Section 5.1.3.1 in 35.123-1 will be transferred to 34.108.

The latest version of this section can be included in document T1S99078. This document defines some states and for each state there is a definition of how to get to that state. These procedures will be available in TTCN to be used in signalling tests.

Tdoc T1-99130 summarises the contents of the 34.108 and who is defining each section. Mr Fox noted TS 34.108 will belong to the signalling subgroup.

It was noted that ciphering will be implicitly tested in other tests. Regarding the multimode terminals, only some cell selection/reselection and handover test are planned for the moment. There will be some reference environment for both 2G and 3G.

C.1.4   AOB

Definitions and abbreviations terminology:
- Definition of 'narrow band response for W-CDMA'
- Definition of 'Link'. Will this be answer in 34.108?

This will be treated during the T1 plenary. The vocabulary document for 3GPP is 21.905.

It is possible to refer to documents from other groups outside 3GPP?

C.2   RF/SIG joint meeting

C.2.1   TS 34.109

Mr Mattisson presented document T1S99088 / T1R99160. The document contains details regarding the time schedule and the priorities of the remaining issues for Release 99 of TS 34.109.

Version 3 is schedule for approval at the T meeting in June (not in March).

TS 34.109 v1.0.2 was also presented by Mr Mattisson.

The remaining work in table 2 (T1S99088) was analysed.
- Activation and deactivation of special test functions in the MS :To solve the questions regarding clause 5, the document T1R99189 was presented. using the method described in this document, the ON/OFF command is not needed.
- Retrieving of MS status data: Open
- Internal test loops: Open
- Internal test functions for signalling tests: Open
- Loopback delay requirement: T1R99153 was approved at the RF subgroup and proposes some text to be included in 34.109.
- Protocol discriminator: it is needed a protocol discriminator different to the GSM one? If the same protocol discriminator is used we have to be sure that there is no overlapping with GSM messages. This has to be coordinated with SMG7.
- Electrical Man Machine Interface (EMMI): Open
- Digital Audio Interface (DAI): To be considered at T1

T1R99171: Proposed a Loopback Point for the loopback test. This is a proposal from the RF subgroup. It has to be checked if this is right.

C.2.2   TS 34.108 (agreement of WI)

Mr Fox has prepared a draft proposal for the work item creation of TS 34.108. This will be included (with the agreed changes) in T1-99161. Set of conditions that are specified several times in the test specifications should be included in 34.108 and reference to this document shall be included instead.

C.2.3   T1 iWD-001, Combined test areas for RF and Signalling

Mr Mattisson presented the status report included in docs T1R99167 / T1S99087.
Doc T1R99177 contains a first draft of the idle mode operation test cases. Mr Mattisson noted that the table on page 7 has to be filled in with the RF conditions.

The responsibilities between RF and Sig SWG for the combined testing areas are included in T1 iWD-001 as follows:

1. SIG SWG is the main responsible for defining the tests for the essential system scenarios for idle mode operations, handover and measuring reporting. RF SWG is responsible for supporting SIG SWG in the definition of the necessary RF conditions.

2. RF SWG is responsible for testing UE measurement performance parameters (e.g. clause 10 of TS 25.133 (FDD) and clause 11 of TS 25.123 (TDD)).

3. SIG SWG is responsible for testing of the UE procedure's performance parameters as specified by TS 25.133 (FDD) and TS 25.123 (TDD). E.g. for testing of idle mode procedures that is to also cover the testing of maximum cell selection delay, maximum cell re-selection delay and maximum number of cells to monitor etc.

History

Date	Revision	Comments
10/12/99	0	
12/12/99	1	Editorial modifications

Comments on this report may be sent by e-mail to Lidia Salmeron

Lidia Salmeron

ETSI Mobile Competence Centre
SMG7 & 3GPP TSG T1 Project Manager

_____
ETSI
650, Route des Lucioles
F-06921 Sophia Antipolis Cedex
France

Tel.: +33 (0)4 92 94 43 49
Fax.: +33 (0)4 93 65 28 17
E-mail: lidia.salmeron@etsi.fr
_____