

3GPP
TSG-T meeting #5
Seoul, Korea, 7- 8 October 1999

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page 1 of 1

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Agenda item: 6.1

**3GPP TSG T WG1 #4
Kobe, Japan
16-17 September 1999**



DRAFT Report from the 3GPP TSG T WG1 #4 Plenary Meeting

16-17 September 1999

Shinkobe Oriental Hotel, Kobe, Japan

Revision: 0

Chairman: Bjarke Nielsen

Secretary: Lidia Salmerón

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1 Opening of the meeting

The third TSG T1 Plenary meeting was held on 16-17 September 1999 in Kobe (Japan) and was hosted by Hewlett-Packard.

Mr Nielsen opened the meeting at 9.00 am.

2 Adoption of the agenda

Tdoc T1-99096 is the proposed agenda.

The scope of the meeting is:

- To follow up deliverables
- To define contents of release 99
- To discuss on Audio and Video tests
- To clarify working methods.

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 (Miami) can be found in Tdoc **T1-99097**. The following actions points were identified:

Responsible	AP Description	Status	Comments
TSG T	To clarify the definition of "Mobile Station"/ "User Equipment" / "Terminal"	Open	Mr Nielsen will raise the question in the T meeting
Mr George	To ask to the T group for guidance on speech testing requirements	Closed	A meeting with STQ is planned
Mr Feen	To send LS on Tdoc T1E99010 to CISPR	Done	
All	To send contributions about the different regulatory situations	Open	
All	To have a proposal for the interface TTCN-test equipment	Open	This will be done in the ETSI-TTCN meeting 29 th September
Mr Fox	To invite European and Japanese tool manufacturer to the next signalling meeting	Done	
Ms Salmeron	To update the names of 34.121 and 34.122 on the web	Done	
Ms Salmeron	To create the "T1_PRD" directory	Done	
Mr Mattisson	To elaborate LS T1-99095	Done	
Ms Salmeron	To send LS to RAN2 and CN1 on using identifiers for SDL branches	Open	The LS was noted at RAN2. We need to find what happened in CN1. This will

			be confirmed on the e-mail reflector.
Ms Salmeron	To send LS on T1-99095	Done	
Ms Salmeron	To circulate and put on "T1_PRD" the guidelines for a paperless meeting	Done	
Mr Fox	Reference test environment (joint meeting)	Open	
Mr Yokoyama	Test equipment requirement	Open	

Mr Nielsen asked if there was some news regarding the report to be submitted by the Japanese regulatory organisation (see paragraph 5.2 in Miami report). Mr Yokoyama will request some information concerning the technical requirements on the RF. Mr Nakagomi will try to do the same for signalling.

The minutes from last meeting were approved without modification.

5 Incoming LS's

Tdoc T1-99102: LS from T2 SWG5 on Definitions for usage of Multi-mode/system terminals

T2 SWG5 (Multi-mode terminal) informs and ask for comments on a list of definitions on the multi-mode terminals area. They also inform that T2 SWG5 changed the name to "Multi-system terminals". The document was noted. T1 agreed with the definitions.

A LS will be sent to T2 WG5 (**T1-99125**) asking where this definitions will be placed. T1 also want to know who decides on definition of terminology and where they can be found.

Tdoc T1-99103: LS from N1 on type approval testing for error case handling

N1 and SMG3 WPA asks T1 to "check" if the core specification are correct enough to ensure the future expansion of the protocol.

The LS was noted. T1 will produce a LS (**T1-99126**) indicating that this cannot be considered part of the type approval but we will do our best to ensure the future expansion. T1 will appreciate any guidance on critical parts.

Tdoc T1-99105: LS from RAN1 on changes made to Tx diversity concept in the TSG-R WG1 meeting #7

In this LS RAN1 asks T1 to consider if the taken decisions have any implication in the T1 specifications.

Mr Savolainen explained that the LS was discussed in the RF subgroup. A LS will be sent (**T1-99127**).

Tdoc T1-99115: LS from T2 SWG6 on TR21.904, Terminal Capabilities Report, interim version

The LS includes version 0.0.4 of the TR 21.904. The LS was noted.

6 Time schedule for next meetings

The meeting schedule is included in Tdoc **T1-99120**. A new meeting schedule including RAN2 and CN1 meetings will be issued in Tdoc **T1-99128**. The document was treated under point 13 "Postponed issues".

The table below shows the planned dates for T1 plenary and subgroups meetings in 1999.

Meeting	Date	Location	Host
TSG T1/RF #8	21-22 October	Sophia Antipolis (France)	ETSI
TSG T1/SIG #6	21-22 October	Sophia Antipolis (France)	ETSI
TSG T1/EMC #6	26-27 October	Sophia Antipolis (France)	ETSI
TSG T1 #5	9-10 December	Sophia Antipolis (France)	ETSI
TSG T1/RF #9	7-8 December	Sophia Antipolis (France)	ETSI
TSG T1/SIG #7	7-8 December	Sophia Antipolis (France)	ETSI
TSG T1/EMC	7-8 December	Sophia Antipolis (France)	ETSI

7 Clarification of rules regarding sending LS

T1-99104: Rules for sending Liaison Statements to be included in T1-PRD

Presented by Ms Salmeron. The document was approved with minor changes and will be included in the T1_PRD directory.

AP Ms Salmeron: To include T1-99104 in T1-PRD directory.
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T1-99112: T1_PRD presentation

The document was presented by Ms Salmeron. Mr Yokoyama suggested to included this document also under the T1_PRD directory. It will be included as T1-00: "*Overview of T1_PRD directory*".

AP Ms Salmeron: To include T1-99112 in T1-PRD directory.
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T1-99098: 3G TS 21.xxx v0.0.0; 3rd Generation Partnership Project; Technical Specification Group; Release 1999 Specifications

The document was presented for information.

T1-99114: 3G TS 34.123-2 v0.0.7 (ICS)

A discussion on this document was initiated trying to answer the following questions:

- What is the relation between this document and the core specs?
- Will this document be updated by T2?
- What is mandatory/optional?
- What does mandatory mean? Mandatory in type approval?
- Scope of the document: only for testing or also for manufacturer declarations?

After some discussion, the issue was postponed to be continued on the e-mail reflector.

8 Status reports – short presentations and decisions where required

8.1 SMG7

Ms Salmeron informed that no SMG7 meeting has been held since last T1 meeting. The next SMG7 meeting is planned for 19-22 October in Sophia Antipolis (France).

8.1.1 How do we transform the relevant parts of SMG7 specification (11.10) to form part of our release 99?

Release 99 will be mainly common for GSM and UMTS. Any change request from SMG7 to the relevant parts of the GSM 11.10 will be forwarded to T1 to be considered.

8.2 TSG-T1/EMC

8.2.1 Presentation of report(s) and T1 decisions where needed

Mr Niemi explained the EMC subgroup is working in two specifications:

- TS 34.124: Essential EMC requirements (including test methods) for mobile terminal equipment and ancillary accessories in combination with a 3GPP terminal. Contains a superset of the regional EMC requirement (included in "Table 1"). This specification has changed from TR to TS.
- "Table 1": Excel table including a collection of requirement in different regions, with informative purpose. A work item will be created to include this Technical Report.

AP Ms Salmeron: To change 34.124 to TS and create work item for "Table 1"

8.2.2 Presentation and approval of 34.124 v1.0.0

The specification TS 34.124 v0.0.1 (**T1-99122**) is presented for approval as v1.0.0. It was considered whether the spurious emission should be included in this specification or in the RF one. It was decided that the RF subgroup is responsible for the conducted spurious emissions (antenna port) and EMC is responsible for radiated spurious emissions for terminals and ancillary accessories.

The core specifications for RF SWG (25.101 and 25.102) are developed by RAN WG4; core specifications for EMC are the regional requirements included in "Table 1" (T1E99032) and some IEC standards.

Tdoc **T1-99122** was approved as version 1.0.0 and it will be presented to T plenary for information. It was noted that the format of the test cases is not the one agreed by T1 (T1-02

PRD). It was agreed that since this has no effect on the content of the specification, the format will be changed in a later version.

Mr Nielsen noted that part of this document may be included in the regulatory document in the future.

8.2.3 Confirmation of delivery schedule

It was confirmed that TS 34.124 v2.0.0 is planned for December 99 and v3.0.0 for March 2000.

8.3 TSG-T1/Signalling

8.3.1 Presentation of report(s) and T1 decisions where needed

Mr Fox presented the status of the signalling subgroup. Before presenting the report from the last meeting (13th-14th September, Kobe) he highlighted the delivery schedule for TS 34.123-1 that it was reported in the minutes from the Edinburgh meeting: V1.0.0 by 12/99, v2.0.0 by 03/00 and v3.0.0 by 06/99.

The report from Kobe meeting is included in document **T1-99118**. Mr Fox noted that there is a high signalling content in the Japanese regulatory documents.

Mr Fox explained that during the signalling meeting the test items and work assignment for 34.123-1 document was edited on-line and a new version was generated (**T1-99119**):

- Mr Fox will take the role of Editor for 34.123 co-ordinating the collation of all the sections.
- ETSI will assemble the specification (importing the various sections and making sure that the heading/chapter numbering is consistent).

A description of the main changes to the table can be found in document **T1-99118**, section 5.

Document **T1-99119** also includes a table reviewing at a greater level of detail which test items are required in R99 V1, V3 and R2000.

- V1: The item will be stable by December. Place holders for items marked as V3.
- V3: The item will be stable by June
- R2000: The item will no be visible in R99.

It was noted that the expected version for SMS (V3) is missing in the high level table.

Mr Mattisson thinks this should be visible at T level so that people can see what will be included in R99. A header will be added to the document explaining the meaning of V1, V3. Mr Fox will do the changes and circulate it on the reflector.

AP Mr Fox and Mr Yokoyama: Contributions from RF and Signalling subgroup will be put into a LS to T.

8.3.2 Presentation and approval of 34.123 part 1 & 2, v1.0.0

T1-99121: Status report of idle mode operation

Mr Mattisson presented the document including a table listing the core specifications related to the idle mode operation and some conclusions from the workshop on handover and cell selection. Based on this analysis some test cases are proposed for idle mode at the end of the document. Mr Yokoyama asked to add the following related documents:

- 25.215 (25.231 before) under RAN1 responsibility
- 25.302 under RAN2 responsibility

T1-99123r: Proposal on how to handle combined RF and signalling tests

The document was presented by Mr George. It is proposed to break down the tests into a series of steps. It is not decided yet where to place the tests, for the moment, they will be put in Mr Mattisson's document.

The work will be co-ordinated by Mr Mattisson, who will initiate some discussion on the e-mail reflector.

AP Mr Mattisson: To initiate e-mail discussion on handling combined RF and signalling tests.
--

Mr Mattisson's document will be assigned a temporary number (iWD-xx) and will be placed in a new folder on the server.

AP Ms Salmeron: To create folder on the server for "Working documents".

8.3.3 Status of 34.123 part 3 (TTCN)

T1-99116: Proposed agenda for T1-SIG / MTS / PEX Ad hoc Meeting (29th September, Sophia Antipolis)

The document was presented for information. The meeting will be chaired by Dan Fox and will try to identify the TTCN version to be used in the test cases implementation, and to consider the recommended level of automatic generation of test cases.

All interested parties are welcomed to join the meeting.

8.4 TSG-T1/RF

8.4.1 Presentation of report(s) and T1 decisions where needed

The report is included in document **T1-99101** and it was presented by Mr Yokoyama. The actual versions of the RF specifications and some issues and actions are included. Some comments were made in relation to the different issues:

- issue #1: A joint meeting will be held between RF and signalling subgroup the 21st or 22nd October in Sophia Antipolis. This will be specified in the e-mail reflector.
- issue #2: More contributions are needed for TDD.
- issue #3: This will be discussed in the e-mail reflector.

8.4.2 Presentation (and Approval of v1.0.0) of 34.109

T1-99130: Split of responsibilities for reference items

The document was presented by Mr Fox. This is an initial proposal circulated by e-mail related to the sharing of responsibilities between RF and Sig SWG on the reference environment issue.

It was considered whether this information should be taken out of the TS 34.109 and be included in TS 34.108. It was decided to keep the reference sections in the different specifications and to discuss this again in the RF/SIG joint meeting.

AP Mr Mattisson: To initiate the discussion about the reference environment in the joint meeting.

Test SIM is another pending issue to be discussed - who is responsible for this, T1 or T3? Mr Nakagomi will get some information on this and will be presented in **T1-99132**. Mr Yokoyama will prepare a LS to T3 in **T1-99133**.

T1-99106: TS 34.109 status report

Mr Mattisson presented the schedule for the different points to be included in TS 34.109.

It was considered what to do with the EMMI (Electrical Man Machine Interface). For the moment a place holder will be kept until we decided if it is needed.

T1-99109: Status list & change proposals to TS 34.109 v0.2.2

Mr Mattisson presented the proposed changes to TS 34.109. It was agreed that Mr Mattisson will prepare TS 34.109 version 0.3.0 (including the proposed changes) and present it tomorrow under postponed issues (**T1-99134**). The document will be finally approved by correspondence on the e-mail reflector.

T1-99117: LS from T1 to CN1 on allocation of protocol discriminator for terminal logical test interface messages.

The LS was approved.

AP Ms Salmeron: To send the LS.

8.4.3 Presentation (and Approval of v2.0.0) of 34.121

TS 34.121 v1.2.0 is included in Tdoc **T1-99100**.

Ms Salmeron explained that normally if version 2.0.0 presented to T is approved, it will automatically become version 3.0.0 and it will be under the T change control. Mr Yokoyama said that is not the intention of the RF subgroup, since they will like to do some more work before getting under change control. It was concluded not to present the specification for approval at the next T meeting.

8.4.4 Presentation of 34.122, v0.1.0 (TDD)

This is included in Tdoc **T1-99108**. The document was noted.

9 Clarification of the use of BER, FER or BLER when testing Performance requirements

T1-99129: Loopback scheme for conformance testing (concept)

Mr Yokoyama explained that this document contains a proposal for the concept of loopback scheme in conformance testing based on RAN WG4 definitions and that this scheme has been approved by the RF subgroup. The document was noted.

Tdoc T1-99099: LS to RAN WG4, cc T1, regarding Reference Measurement Channel

This LS was produced by the T1/RF subgroup and it is sent to T1 plenary for information. The RF subgroup asks RAN4 to confirm some working assumptions regarding the availability of the 'Reference Measurement Channel' and the requirements for transmitter/receiver testing. The LS was noted.

T1-99124: LS from RAN4 to T1 on answer to "LS regarding Reference Measurement Channel"

This a LS from RAN4 as response to the LS T1-99099 sent by T1. RAN4 confirms that the T1/RF assumptions are correct. The document is for information.

10 "Hooks and Extensions"

- *What should be included in T1's work plan?*
- *Is 3GPP2 planing any Terminal conformance test cases?*

Mr Yokoyama gave a brief report of the meeting.

The meeting was hosted by 3GPP in Sophia Antipolis (France), from 24th to 26th, August 1999. The meeting was chaired by François Courau of Alcatel. The intention of the meeting was to decided what kind of "hooks" are necessary for R99 of the 3GPP so that ANSI 41 can be connected to W-CDMA. The main focus was how to absorb the differences between ANSI 41 core network and UTRAN air interface. Mr Yokoyama said that for the moment there was not discussion about testing. Another workshop was organised by 3GPP2 in Los Angeles, 9th-10th September.

Some information about how is testing handled in 3GPP2 is necessary.

AP all: To provide information about how testing is handled in 3GPP2.

11 Audio testing (open discussion)

Mr Nielsen informed that ETSI STQ invited us to a joined meeting in Bern (Switzerland) the 20th October. This is a very interesting meeting for manufacturers.

T1-99113: 3GPP Audio Testing – A Discussion Document

This document (presented by Mr George) intends to start a discussion on what degree of audio testing should be performed on 3GPP user equipment.

Nokia thinks audio should be done by manufacturer declaration - audio tests are not needed under the R&TTE directive.

The meeting agreed the marked is the best way to test the quality.

One of the outcomes from the STQ meeting should be some guidelines concerning how to test interoperability of the codec in different network operators.

The opinion of the GSM Association will be considered for future voluntary tests.

Mr Nakagomi explained that one of the regulatory tests in Japan is to prevent harmful input to the network.

The invitation and agenda for the STQ meeting will be sent by Mr Nielsen on the e-mail reflector.

AP Mr Nielsen: To send invitation and agenda for STQ meeting
--

T1-99111: Collective letter on Acoustic Safety

Mr Nielsen presented this document from Karl Heinz Rosenbrock (ETSI Director-General) for information.

12 Status of 34.110 (Document for regulatory use)

T1-99110: 3G TS 34.110 v0.0.1 Terminal Conformance Specification; Terminals Requirements for Regulatory approval

Mr Nielsen presented this first version of the regulatory document. He explained this is a superset of the regulatory requirement in all the regions.

It was noted that the radiates spurious emissions will be moved to the EMC section on the specification.

AP different regions: To check that the document is OK for their regulation.

Some editorial changes were suggested.

AP Mr Yokoyama and DoCoMo: To e-mail to Mr Nielsen some changes related to the Japanese tests.

T1-99107: High level statement on global circulation of UMTS/IMT-2000 terminals

The document from UMTS Forum was presented for information.

Mr Nielsen would like to motivate the co-operation with UMTS Forum to force the way to a global regulatory situation.

13 Postponed issues

T1-99132: USIM Test Specification

Mr Nakagomi presented some information about the USIM Test. The document was noted.

T1-99133: LS to T plenary on Confirmation of work items regarding USIM (UICC/ME interface) and Test SIM

The document presented by Mr Yokoyama was agreed after some editorial modifications.

AP Ms Salmeron: To send the LS.

T1-99125: LS to T2 SWG5 regarding “Definitions for usage of Multi-mode/system terminals”

The document presented by Mr Mattisson was agreed.

AP Ms Salmeron: To send the LS.

T1-99128: Revised version of the meeting schedule

Some modifications were made and the schedule was approved as tentative dated to be consulted with T.

T1-99134: TS 34.109 v0.3.0

The changes done to T1-99109 are summarised in the cover page of the document. Mr Mattisson presented the document and explained that the sections have been reorganised. The document will be approved on the e-mail reflector, so that v1.0.0 can be presented to the next T plenary meeting.

T1-99126: LS to SMG3 WPA / TSG-CN WG1 in reply to LS on type approval testing for error case handling (N1-99890)

The LS was approved. It was clarified that the LS is sent for information.

AP Ms Salmeron: To send the LS.

T1-99127: LS to RAN WG1 answering to T199105

The LS was approved.

AP Ms Salmeron: To send the LS.

T1-99131: Table 1: EMC requirements for each region

The document was presented for information.

14 Any other business

None

15 Closing of the meeting

Mr Nielsen thanked the Hewlett-Packard Japan for the excellent facilities and closed the meeting at 13.00 on Friday.

Annex A. List of participants.

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Annex B. List of documents

Tdoc	Title	Source	Agenda item	Revised	Status
T1-99096	Agenda	chairman	2		approved
T1-99097	Report from T1#3 in Miami	ETSI MCC	4		approved
T1-99098	3G TS 21.xxx v0.0.0; 3rd Generation Partnership Project; Technical Specification Group; Release 1999 Specifications	ETSI MCC	7		noted
T1-99099	LS to RAN WG4, cc T1, regarding Reference Measurement Channel	RF subgroup	8d		noted
T1-99100	TS34.121 V1.2.0 Terminal Conformance Specification; Radio transmission and reception (FDD)	RF subgroup	8d		noted
T1-99101	Report from RF sub group	RF Subgroup	8d, 9		noted
T1-99102	LS from T2 SWG5 on Definitions for usage of Multi-mode/system terminals	T2 SWG5	5		noted
T1-99103	LS from N1 on type approval testing for error case handling	SMG3 WPA / N1	5		noted
T1-99104	Rules for sending Liaison Statements to be included in T1-PRD	ETSI MCC	7		approved
T1-99105	LS from RAN1 on changes made to Tx diversity concept in the TSG-R WG1 meeting #7	RAN WG1	5		noted
T1-99106	TS 34.109 status report	Ericsson	8d		noted
T1-99107	High level statement on global circulation of UMTS/IMT-2000 terminals	T chairman	12		noted
T1-99108	TS 34.122 V0.1.0	Rohde & Schwarz	8c		noted
T1-99109	Change proposals to TS 34.109 v0.2.2	Ericsson	8c, 8d		noted
T1-99110	3G TS 34.110 v0.0.1 Terminal Conformance Specification; Terminals Requirements for Regulatory approval	T1 chairman	12		noted
T1-99111	Collective letter on Acoustic Safety	T1 chairman	11		noted
T1-99112	T1_PRD presentation	ETSI MCC	7		noted
T1-99113	3GPP Audio Testing – A Discussion Document	Anritsu	11		noted
T1-99114	3G TS 34.123-2 v0.0.7 (ICS)	ETSI MCC	7		noted
T1-99115	LS from T2 SWG6 on TR21.904, Terminal Capabilities Report, interim version	T2 SWG6	5		noted
T1-99116	Proposed agenda for T1-SIG / MTS / PEX Ad hoc Meeting (29th September)	ETSI MCC	8c		noted
T1-99117	LS from T1 to CN1 on Protocol Discriminator	Ericsson	8c		approved
T1-99118	Report from signalling sub group #5	Signalling chairman	8c		noted
T1-99119	Test cases schedule	Signalling subgroup	8c		noted
T1-99120	T1 meeting schedule year 2000	T1 chairman	6	128	revised
T1-99121	Status report on idle mode operation	Ericsson	8c		noted
T1-99122	EMC TS 34.124 v0.0.1	EMC subgroup	8b		approved
T1-99123	Proposal on how to handle combined RF and signalling tests	ANRITSU	7	123r	noted
T1-99124	LS from RAN4 on Answer to “LS regarding Reference Measurement Channel”	HP (Japan)	8d		noted
T1-99125	LS to T2 SW5 answering to T1-99102	Ericsson	13		approved
T1-99126	LS to SMG3 WPA / TSG-CN WG1 in reply to LS on type approval testing for error case handling (N1-99890)	ANRITSU	13		approved
T1-99127	LS to RAN1 answering to T1-99105	Nokia	13		approved
T1-99128	Revision of the meeting schedule	T1 chairman	13		noted

T1-99129	Loopback scheme for conformance testing	HP (Japan)	9		noted
T1-99130	Split of responsibilities for referece items	ANRITSU	8c		noted
T1-99131	Table 1: EMC requirements for each region	EMC sugbroup	13		noted
T1-99132	USIM Test Specification	NTTDoCoMo	13		noted
T1-99133	LS to T plenary on Confirmation of work items regarding USIM (UICC/ME interface) and Test SIM	HP (Japan)	13		approved
T1-99134	TS 34.109 v0.3.0	Ericsson	13		noted

History

Date	Revision	Comments
21/09/99	0	

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

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