3GPP/PCG Meeting#3
Sophia Antipolis,
19-20 January 2000

3GPP/PGC#3(00)9
17 January 2000
page 1of 6

Source: **Chairman TSG –T Chairman, Sang-Keun Park**

Title: **3GPP TSG-T Management Report**

Agenda: **5.4**

Document for:

Decision	X
Discussion	
Information	

1   Issues requiring discussion/decision at PCG#3

- Summary of project funding requests from TSG-T (see SP-99615)
- TTCN Task team Terms of Reference (see SP-99612)
- TTCN Task team project plan (see SP-99613)
- Test case Task team project plan and ToR (see SP-99614)

2   Management information

2.1   Main events since last meeting

TSG-T#5 Plenary Meeting October 1999 in Kyungju, Korea

TSG-T#6 Plenary Meeting December 1999 in Nice, France

2.2   Major results achieved during this period

2.2.1 Introduction

TSG-T had two meetings since the last PCG #2 meetings. Over all, all three work groups made better progresses than the concerns they had during the year. Total of 33 specifications (25 TSs and 8 TRs) were delivered as Release 99. Among them, 11 TSs are completed and the rest of the TRs and TSs excluding Test Specifications for R99 will be completed by TSG #7 in March '00. Release 99 Test Specifications will be completed by June 2000 except TTCN specification, which will be completed by March 2001. The completion of test specifications depends on the availability of the stable core specifications. No major discrepancies from the projected plan are expected for R99 completion. All three WGs' meeting schedules and hosts are well organised for the year 2000 and more efficient meetings are expected.

2.2.2   WG T1 Mobile Terminal Conformance Testing

T1 had total 5 plenary meetings and 9 T1/RF, 7 T1/SIG and 7 T1/EMC sub-working group meetings in '99. In addition, there was a T1/SIG-ETSI MTS Ad-hoc meeting for TTCN. Average number of attendees are 37 and a half of the meeting participants are from ARIB/TTC and the other half are from ETSI. T1 Chairman has been encouraging more participation of the members from the rest of the SDOs. Delegates from CWTS participated in T1 meeting for the first time in Sophia Antipolis in December '99.

T1 requested a couple of funded projects in order to control the delivery schedule by managing a dedicated expert team for some work items, otherwise which would be difficult to control with contributions on a voluntary basis. The requests were well supported in T and SA plenary and endorsed by PCG#2. A new request for a project funding as well as project plans and Terms of References are presented to this PCG for approval. A summary of all project funds requested by TSG-T is available in SP-99615. Regarding the funded project of TTCN specification that was approved in PCG#2, there has been a delay of few months due to lack of fund availability.

T1 presented 8 deliverables for Release 99 as in Table 1. There was much concern whether TS 34.122 "Terminal Conformance Specification, Radio Transmission and Reception (TDD)" could be a part of R99. A great progress has been made in the past few months and it is included in R99 specification. Risk still remains for completion by June 2000 since the contribution to TS 34.122 has been made by a single member company.
Similar impressive contributions were made to TS 34.123-1 "UE conformance specification; Part 1: Conformance specification", which is a prose version of TS 34.123, by three ARIB member companies.
Completion date for the R99 specification for TS34.123-1 is accelerated by three months, which is June 2000.
T1's effort of reflecting the changes took place in other TSGs' core specification has been very prompt and complete to date. Announced completion dates for the R99 deliverables are tightly scheduled and depend very much on other TSGs' core specification development.
T1 has a goal to produce a set of test specifications under three categories, "regulatory", "interoperability", "voluntary", which covers various regional requirements as subsets. T1 is working on a list of test cases for prioritisation, which will follow after the consultations with regulatory bodies of various regions. T1 will seek guidance and help from PCG when such document is ready.

Table.1   WG T1 Mobile Terminal Conformance Testing

Reference	Title	Under Change Control	R99 Completion Date	Submission Form Attached
TS 34.108	Common Test Environments for User Equipment (UE) Conformance Testing	No	06-2000	Yes
TS 34.109	Terminal Logical Test Interface (FDD & TDD)	No	06-2000	Yes
TS 34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)	No	03-2000	Yes
TS 34.122	Terminal Conformance Specification, Radio Transmission and Reception (TDD)	No	06-2000	Yes
TS 34.123-1	UE conformance specification; Part 1: Conformance specification (3G TS 34.123-1)	No	06-2000	Yes
TS 34.123-2	UE conformance specification; Part 2: ICS proforma specification (3G TS 34.123-2)	No	06-2000	Yes
TS 34.123-3	UE conformance specification; Part 3: Abstract Test Suites (3G TS 34.123-3)	No	03-2001	Yes
TR 34.124	Electro-Magnetic Compatibility (EMC) for terminal equipment	No	03-2000	Yes

2.2.3.   WG T2 Mobile Terminal Services and Capability

T2 had total 7 plenary meetings and 6 Ad hoc meetings for MExE, MMS & Multi-mode issue among its 6 sub-working groups in '99. Average participants are 64 and ETSI and ARIB/TTC members accounts for 60% and 30% of the total participants.

The issue of allowing SDOs to handle physical connector standards was agreed at T2#6 in Helsinki in September. Physical connector standardization is agreed as out of the scope of 3GPP. It was subsequently approved by TSG-T at T#5 in Kyungju, Korea. It was reconfirmed that only external interfaces, 3GPP will define for the terminal, are radio and USIM.

T2 delivered 18 TSs and TRs for Release 99 as in Table 2. MExE and MMS stage 2/3 specifications are included in Release 99 and other specifications transferred from GSM series are edited for 3G systems' adaptation. All TSs and TRs will be completed by March 2000.

There are on going discussions in T2 on the issue of implementations and framework of non-WAP dependent IP technologies. Examples are non-WAP dependent class mark in MExE and non-WAP IP framework for MMS. Current MExE and MMS specifications have heavy usage of WAP standards. T2's priority was to complete the MExE and MMS for release 99 and could not spend much time for discussing its general direction. T2 will continue its work for completion of R99 and towards R00. T2 will discuss the open issues and its direction without any bias.

SWG6 of T2 collects other TSGs information for TR 21.904 "UE capability requirement". Unambiguous definitions and common usage of the terms among all TSGs are necessary for accurate information exchange. SWG6 has been actively contributing to TR 21.905 "3G Vocabulary" under SA1 and will continue its effort recognizing its slow process.

SWG5 is working on TR 21.910 "Multi-mode UE issues". Criticisms were received on the report from other WGs such as SA2 and RAN4 for a number of cross TSG issues. The scope of the WI is reduced to GSM/UMTS only and inputs from other WGs review will be incorporated in its final version due in March '00.

Table.2   WG T2 Mobile Terminal Services and Capability

Reference	Title	Under Change Control	R99 completion date	Submission Form attached
	Advanced Cell Broadcast	No	Little input	No
	Alternatives to AT commands	No	no input	No
TR 21.904	UE Capability Requirements	No	03-2000	Yes
TR 21.910	Multi-mode UE issues	No	03-2000	Yes
TS 23.140	Multimedia Messaging Service; stage 2/3	No	03-2000	Yes
TR 22.945	Study on provisioning of fax in GSM and UMTS	Yes		n.a.
TS 23.038	Alphabets and language-specific information	Yes	03-2000	Yes
TS 23.039	Interface protocols for the connection of Short Message Service Centres (SMSCs) to Short Message Entities (SMEs)	Yes		n.a.

TS 23.040	Technical realization of the Short Message Service (SMS)	**Yes**	03-2000	Yes
TS 23.041	Technical realisation of Cell Broadcast Service (CBS)	**Yes**	03-2000	No
TS 23.042	Compression algorithm for text messaging services	**Yes**		n.a.
TS 23.057	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2	**Yes**		n.a.
TS 27.005	Use of Data Terminal Equipment - Data Circuit terminating; Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)	**Yes**		n.a.
TS 27.007	AT command set for 3GPP User Equipment (UE)	**Yes**	03-2000	No
TS 27.010	Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol	**Yes**	03-2000	No
TS 27.103	Wide Area Network Synchronisation	**Yes**		n.a.
TR 27.901	Report on Terminal Interfaces - An Overview	**Yes**		n.a.
TR 27.903	Discussion of Synchronisation Standards	**Yes**		n.a.
TR 34.907	Report on electrical safety requirements and regulations	**Yes**		n.a.
TR 34.925	Specific Absorption Rate (SAR)	**Yes**		n.a.

2.2.4   WG T3 USIM

T3 had total 11 plenary meetings and 4 Ad hoc meetings in '99. Average number of attendants are 36 and, ETSI members accounts 70% of the total participants.

T3 has made a good effort to include USAT in R99 mandated in SA1 requirements which was a desire of many members. Further work for R99 deliverables for T3 is needed for a number of areas. Adaptations of all T3's specifications to ensure correct references incorporating USAT will be done for R99. USIM Test and Terminal Test Specification will be completed by June 00 under a funded project managed by T3. Rest of the specifications will be completed by March '00.

T3 delivered total of 9 specifications for Release '99 as in Table3.

At TSG-T#5 meeting in Kyungju, TSG-T endorsed two position papers for individual member's submission to ITU-T which proposes the inclusion of TSG-T2 and T3 Technical Specifications in the ITU-T WP 3/11 document "Supplement to Recommendation Q.1701". Subsequently there was an officials meeting among 2G and 3G SIM, USIM and R-UIM groups in Austin, Texas on November 1, 1999. Both ITU-T and Officials meeting recommended SMG-9 be the focal point for managing global standards of telecom IC card. Second officials meeting is planned on January 17th in Rome for further discussion on the roles, directions and process among various groups for harmonization of global 2G and 3G telecom IC card standards.

Table.3　WG T3　　　USIM

Reference	Title	Under Change Control	R99 Completion Date	Submission Form Attached
TS 21.111	USIM and IC Card Requirements	**Yes**		n.a.
TS 31.101	UICC-Terminal Interface; Physical and Logical Characteristics	**Yes**	03-2000	Yes
TS 31.102	Characteristics of the USIM Application	**Yes**	03-2000	Yes
TS 31.110	UICC Application Identifiers	**Yes**	03-2000	Yes
TS 31.111	USIM Application Toolkit (USAT)	No	03-2000	Yes
TS 31.120	Terminal tests for the UICC Interface	No	06-2000	Yes
TS 31.121	UICC Test Specification	No	06-2000	Yes

2.3　Major problems encountered and how they were solved (if solved)

Physical connector standard issue was quite contentious for some time. Many members felt that it was not desirable to have a vote to settle the issue and agreed to endorse "SDO to handle optional physical connector standards" to help the situation in Japan.

2.4　Major outstanding issues

Some Work Items of T1 and T3 Test specifications depend on three project fundings. Fund should be made available immediately to help progress of the work without delay.

2.5　Main events expected during the next four months

TSG-T WGs will continue to work for completion of R99 deliverables and move towards release '00.

TSG-T1 Meeting Calendar

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	R&S
TSG T1/RF #11	21-23 Feb	Munich	R&S
TSG T1/SIG #9	21-23 Feb	Munich	R&S
TSG T1 #6	24-25 Feb	Munich	R&S
TSG T1/EMC #9	11-12 April	London	TBD
TSG T1/RF #12	5-7 June	UK	Anritsu
TSG T1/SIG #10	5-7 June	UK	Anritsu
TSG T1 #7	8-9 June	UK	Anritsu
TSG T1/EMC#10	5-6 Sep	Helsinki	TBD
T1#8	21-22 Sep	TBD	TBD
T1/RF/SIG/EMC	4-6 Dec	TBD	TBD
T1#9	7-8 Dec	TBD	TBD
NOTE 1: T1 and its SWGs meet the week between RAN4 and TSG-T.			
NOTE 2: SWGs should meet at least once in-between each T1 meeting.			
NOTE 3: As date/location/host may change the on-line 3GPP meeting calendar should be consulted at: http://www.etsi.org/MeetingsCalendar/ViewMeetings.asp			

TSG-T2 Meeting Calendar

Meeting	Date	Location	Host
T2#8/SMG4	31 Jan - 4 Feb 2000 (first day joint with CN, SA2)	Puerto Vallarta, Mexico	T1
T2#9/SMG4	15-19 May 2000	Utrecht, Netherlands	CMG
T2#10/SMG4	28 Aug - 01 Sep 2000	Ireland	Logica
T2#11/SMG4	27 Nov - 1 Dec	Japan	Panasonic
NOTE 1: Additionally, separate SWG meetings will be held. No dates fixed yet. NOTE 2: It was decided that T2 and SMG4 meetings would be held jointly by default unless otherwise stated. NOTE 3: As date/location/host may change the on-line 3GPP meeting calendar should be consulted at: http://www.etsi.org/MeetingsCalendar/ViewMeetings.asp			

TSG-T3 Meeting Calendar

Meeting	Date	Location	Host
TSG-T3#12 / SMG9#20	18-21 January 2000	Rome	TIM
TSG-T3 #13	21-24 February 2000	Tokyo	Japan Telecom
TSG-T3#14 / SMG9#21	May 2000	Gotland, Sweden	Across, Telenor, Telia
NOTE: As date/location/host may change the on-line 3GPP meeting calendar should be consulted at: http://www.etsi.org/MeetingsCalendar/ViewMeetings.asp			

TSG-T meeting schedule

Meeting	Date	Location	Host
TSG-T#7	13-15 March 2000	Madrid/ Spain	Telefonica
TSG-T#8	19-21 June 2000	Dusseldorf /Germany	Mannesmann
TSG-T#9	25-27 September 2000	Japan (TBC)	ARIB/TTC (TBC)
TSG-T#10	11-13 December 2000	USA (TBC)	T1P1
NOTE 1: As date/location/host may change the on-line 3GPP meeting calendar should be consulted at: http://webapp.etsi.org/meetingcalendar/QueryForm.asp NOTE 2: After each and every meeting, Secretaries of 3GPP TSG/WG/SWG should send - without fail - the meeting calendar information to the 3GPP-support group Emanuelle.Wurfell@etsi.fr.:			