Source:	**T2 Secretary**
Title:	**TSG-T2 Progress Report**
Agenda item:	7.1
Document for:	Information

Progress Report
TSG-T2 "Mobile Terminal Services and Capabilities"

1. Progress Report

TSG-T2 had one meeting since T#3. T2#4 was a joint meeting with SMG4 held 14-16 June 1999 in Miami hosted by BellSouth, Conexant, Ericsson, Lucent, Motorola Sat. Comm., Nokia, Nortel Networks, Omnipoint Comm. Services, Pacific Bell Wireless, Siemens.

The work was progressed according to the T2 work program. An update of this document is available in **TP-99117**. Six change requests are presented to TSG-T for approval. Please find below a short summary of the results for each sub working group:

> **SWG1 Execution Environment** (Chairman: Mark Cataldo, Motorola) has the responsibility for developing, approving and maintaining specifications for a terminal execution environment using wireless, fixed, and cordless access.

> MExE R98 GSM 03.57 was finalised and will be presented to SMG#29 for approval. This specification is presented as 3G TS 23.057 v.1.1.0 to TSG-T for information because it is the basis of the new MExE release. The work on this new release will accelerate as soon the stage 1 for MExE R99 is approved which is supposed to happen at SMG#29.

> **SWG2 Terminal Interfaces** (Chairman: Lars Novak, Ericsson) is responsible for the development of specifications relating to external interfaces to terminals, and for the development of AT commands and alternatives to AT commands.

> Some progress was made on the discussion on whether the physical connector of the terminal should be standardised or not. Nethertheless, a conclusion could not be reached so far. There is a LS on this controversial issue to TSG-T. On the topic synchronisation and object exchange a report is expected at the next TSG-T meeting. No contributions were received so far on the alternatives to AT commands. T2 would like to inform TSG-T that there might be a problem with the coding of Japanese characters e.g. regarding SMS text strings and phonebook. A group in ARIB is currently investigating this matter. T2 presents the following specifications 3G TS 27.005, 27.007, 27.010 for approval to TSG-T#3. 4 CRs on these specifications are submitted to T#4 for approval.

> **SWG3 Messaging** (Chairman: Arthur Gidlow, One2One) has the responsibility for defining UMTS-specific messaging applications to allow non-real time multimedia messaging, a Short Message Service, and Cell Broadcast Services.

> Recently, S1 agreed that the stage 1 for the Multimedia Messaging Service (MMS) will be created by T2. Based on the working assumptions which were already developed by T2 SWG3, a first draft

of the MMS stage 1 was discussed at the recent T2 meeting. So far, there was no input regarding an enhanced cell broadcast service. Interested companies are encouraged to contribute. 3G TS 23.040, 23.038, 23.039, 23.042 are presented for approval to TSG-T. Two CRs are presented for approval to TSG-T.

SWG4 Services End to End Interworking (no chairman) has the responsibility for the review of end to end services.

SWG4 has currently no activity. It will meet on an ad hoc basis as the need arises.

SWG5 Multi-mode Terminals (Chairman: Sofi Persson, Telia) will consider other systems and their multi-mode coexistence with UMTS from a terminal and service point of view.

SWG5 is currently collecting and referring to work already done on multi-mode terminals and from that identify issues that need additional treatment to make usage of multi-mode terminals efficient. The group is progressing on their report on Multi-mode terminal issues which is aimed to be completed at TSG-T#5.

SWG6 Terminal Features and Performance (Chairman: Kiyohito Nagata, DoCoMo) covers aspects as terminal safety and environmental requirements. In addition, SWG6 works on general features, reviewing all terminal features and identifying a minimum set of features required to support a given application.

Mr. Kiyohito Nagata resigned as SWG6 chairman. Mr. Kazuya Hashimoto, NEC will be the new T2 SWG6 chairman.

The report on Specific Absorption Rate (SAR) requirements and regulations (3G TR 34.925) is presented to TSG-T for approval. The Report on Terminal Capability requirements is intended to be presented for information to TSG-T#5 in October, 1999. The report on electrical safety requirements and regulations (3G TR 34.925) is presented to this TSG-T meeting for information.

2.   Electronic Working

T2/SMG4 is continuing to have electronic meetings. At the last two meetings no paper copies were made.

3.   TSG-T2 Meeting Calendar

Meeting	Date	Location	Host
T2 SWG1	15-16 July 1999	Tampere, Finland	Nokia
T2 SWG5	Last week in July 1999		
SMG4 / T2#5	6-9 Sept 1999	Finland	Sonera
T2#6	4-6 Oct 1999	Korea	Samsung
T#5	7-8 Oct 1999	Korea	Samsung
T2#7	22-26 Nov 1999		
T#6	13-17 Dec 1999		
SMG4/T2#8	31 Jan – 3 Feb 2000		
T#7	13-15 March 2000		
SMG4/T2#9	17-20 April 2000		
T#8	5-7 June 2000		
T2#10	10-13 July 2000		
T#9	25-27 Sept 2000		
T#10	11-13 Dec 2000		

4. List of Tdocs submitted to TSG-T#4

Tdoc (99)	Agenda item	Title	Source
114		Draft LS to other groups on terminal capabilities	T2
115		LS to TSG-T : Clarification required for "global roaming" and "global circulation"	T2
116		3G TS 23.057 MExE stage 2	T2
117		T2 work program (status after T2#4. Miami)	MCC
118		AT command set for 3GPP User Equipment (UE) (3G TS 27.007 version 2.0.0)	T2
119		Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol (3G TS 27.010 version 2.0.0)	T2
120		T2 Progress Report	T2 secretary
121		T2 Progress Report (slides)	T2 chairman
122		Specific Absorption Rate (SAR) requirements and regulations (3G TR 34.925 version 2.0.0)	T2
123		Report on electrical safety requirements and regulations (3G TR 34.907 version 0.1.0)	T2
124		3G Change requests	T2
125		Compression algorithm for text messaging services (3G TS 23.042 version 2.0.0)	T2
126		Technical realization of the Short Message Service (SMS); Point-to-Point (PP) (3G TS 23.040 version 2.0.0)	T2
127		Technical Specification Group Terminals (TSG-T); Alphabets and language-specific information (3G TS 23.038 version 2.0.0)	T2
128		Interface protocols for the connection of Short Message Service Centres (SMSCs) to Short Message Entities (SMEs) (3G TS 23.039 version 2.0.0)	T2
129		Use of Data Terminal Equipment - Data Circuit terminating; Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) (3G TS 27.005 version 2.0.0)	T2