

Source: T2 Secretary
Title: TSG-T2 Progress Report
Agenda item: 7.1
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Progress Report

TSG-T2 "Mobile Terminal Services and Capabilities"

1. Progress Report

TSG-T2 had two meetings since T#4. T2#5 was held 6-9 September 1999 in Helsinki hosted by Sonera. T2#6 was held 4-6 October 1999 in Kyongju hosted by TTA. Both meetings were held jointly with SMG4.

In addition, SWG1 "Execution Environment" had two additional meetings held 15-16 July in Tampere, hosted by Nokia and 11-13 August 1999 in Newbury, hosted by Vodafone. SWG5 "Multisystem Terminals" had an additional meeting on 28-30 July 1999 in Malmoe, hosted by Telia.

The work was progressed according to the T2 work program to which some changes are proposed at this TSG-T meeting. Eight 2G and sixteen 3G change requests are presented to TSG-T for approval. Three specifications are presented to TSG-T for information, five 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 and maintaining specifications for a terminal execution environment using wireless, fixed, and cordless access.

After the approval of MExE R99 stage 1 at SMG#29, the group commenced to incorporate the R99 requirements into MExE R99 stage 2 3G TS 23.057. The R99 requirements are: SIM MExE certificate management, security clarifications, QoS aspects. It is expected that MExE R99 stage 2 will be available for completion in 1999.

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

The conclusion on the discussion regarding the physical connector of the terminal can be found in 3G TR 27.901 v1.0.0 Report on Terminal Interfaces which is presented to TSG-T for information. It is concluded that 3GPP should not produce any technical specifications for terminal interfaces other than the radio interface and the USIM interface. The SDOs can develop their own optional physical connector specification based on their market requirements.

On the topic synchronisation and object exchange substantial progress has been made. 3G TR 27.903 "Discussion of Synchronisation Standards" and 3G TS 27.103 "Wide Area Network Synchronisation" are presented for approval to TSG-T.

Several change request for inclusion of new AT commands into 3G TS 27.007 are presented to TSG-T.

No contributions were received on the work item "Alternatives to AT commands".

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.

After the resign of SWG3 chairman Arthur Gidlow (One2One), Ian Harris (Vodafone) was appointed as the new SWG3 chairman.

S1 agreed to send the stage 1 for the Multimedia Messaging Service (MMS) 3G TS 22.140 which was created by T2 for information to TSG-SA. T2 commenced the work on the MMS stage 2. The group is making significant efforts to finalise this document within 1999. However, there is a risk that this schedule can not be met. A T2 SWG3 MMS stage 2 ad hoc meeting is planned on 9th and 10th November 1999.

3G TS 23.041 Technical realization of Cell Broadcast Service (CBS) is presented for approval to TSG-T.

So far, there was only little input regarding an enhanced cell broadcast service. This work item will not be completed in 1999.

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

The SWG's name and the TR title was changed from multimode to multisystem terminals/issues. SWG5 is 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. 3G TR 21.910 Report on multi-system issues is presented for information to TSG-T. Comments from other groups are invited. SA should be informed on described interactions with PLMN selection. It is planned to held a 3GPP workshop on multisystem issues.

The need for a specification on Terminal Categorisations for UMTS is currently under discussion. No consensus was reached so far. The need for a report on network planning was discussed.

SWG6 Terminal Features and Performance (Chairman: Kazuya Hashimoto, NEC) 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.

3G TR 34.907 v2.0.0 Report on electrical safety requirements and regulations is presented to TSG-T for approval.

3G TR 21.904 v1.0.0 Terminal Capability Requirements is presented for information. A mechanism for maintaining the Terminal Capabilities Report is proposed to TSG-T for endorsement and forwarding to all working groups.

Issues on definitions used for the Mobile Station/Terminal, and on terminology and vocabulary in 3GPP are raised to TSG-T (TP-99197 and TP-99198) to find a proper way forward.

2. Electronic Working

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

3. TSG-T2 Meeting Calendar

Meeting	Date	Location	Host
T2 SWG3 MMS ad hoc	9-10 Nov 1999	UK	Motorola
T2#7/SMG4	22-26 Nov 1999	Ystad, Sweden	Ericsson
T#6	13-15 Dec 1999	Sophia, Antipolis, France	ETSI
T2 SWG1	Dec 1999		
T2#8/SMG4	24-28 Jan 2000	US	T1P1
T#7	13-15 March 2000	Madrid, Spain	
T2#9/SMG4	15-19 May 2000	Netherlands	CMG
T#8	19-21 June 2000	Düsseldorf, Germany	Mannesmann Mobilfunk
T2#10/SMG4	28 Aug - 01 Sep 2000	Ireland	Logica
T#9	25-27 Sept 2000		
T2#11/SMG4	20-24 Nov 2000		
T#10	11-13 Dec 2000		

4. List of Tdocs submitted to TSG-T#5

Tdoc	Agenda item	Title	Source
TP-99173	7.1	T2 Progress Report	T2 secretary
TP-99174	7.1	T2 Progress Report (slides)	T2 chairman
TP-99175	7.4	T2 work program (status after T2#5 Helsinki and T2#6 Kyongju)	MCC
TP-99176	7.3	2G Change Requests for approval	T2
TP-99177	7.3	3G Change Requests for approval	T2
TP-99178	7.3	3G TR 22.945 v2.0.0 Study on provisioning of fax in GSM and UMTS for approval	T2
TP-99179	7.3	3G TS 23.041 v2.0.0 Technical realization of Cell Broadcast Service (CBS) for approval	T2
TP-99180	7.3	3G TR 27.903 v1.0.0 Discussion of Synchronisation Standards for approval	T2
TP-99181	7.3	3G TR 27.901 v1.0.0 Report on Terminal Interfaces - An Overview for information	T2
TP-99182	7.3	3G TR 34.907 v2.0.0 Report on electrical safety requirements and regulations for approval	T2
TP-99191	7.3	3G TS 27.103 v1.0.0 Wide Area Network Synchronisation for approval	T2
TP-99192	7.3	3G TR 21.904 v1.0.0 Terminal Capability Requirements for information	T2
TP-99197	7.2	Definitions used for the Mobile Station/Terminal	T2
TP-99198	7.2	Terminology and vocabulary in 3GPP	T2
TP-99199	7.3	3G TR 21.910 v1.0.0 Report on multi-system issues for information	T2
TP-99200	7.2	LS to TSG-T on mechanisms for maintaining the Terminal Capabilities Report	T2