3GPP TSG-T#6
Nice, FRANCE, 13-15 December 1999

TSGT#6(99)235

Agenda Item: 7.4

Source: MCC

Title: T2 work program (status after T2#7)

Document for: Information

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In the attached T2 work program, the changes against the last version presented at T#5 in Kyongju are highlighted with revision marks.

Some regrouping of deliverables into work packages has been done (not highlighted). E.g. grouping 23.038, 23.039, 23.040, 23.042 into one work package for SMS (page 8).

As an extract of the T2 work program, the **status of the R99 deliverables** can be found below:

Specification	Title	current Version	expected Version after TSG-T#6	Status
3G TR 21.904	UE capability requirements	1.1.0	1.1.0	not completet yet TSG-T#7 is the new target for approval as part of R99
3G TR 21.910	Multi-system UE issues	1.3.2	1.3.2	not completet yet TSG-T#7 is the new target for approval as part of R99
3G TR 22.945	Study on provision of facsimile services in GSM and UMTS	3.0.0	3.0.0	completed
3G TS 23.038	Alphabets & Language specific information	3.2.0	3.3.0	mainly completed, additional CR for R99 on SMS enhanced message content expected at TSG-T#7
3G TS 23.039	Interface protocols for the connection of Short Message Service Centres (SMSCs) to Short Message Entities (SMEs)	3.0.0	3.1.0	completed
3G TS 23.040	Technical realisation of Short Message Service (SMS)	3.2.0	3.3.0	mainly completed, additional CR for R99 on SMS enhanced message content expected at TSG-T#7
3G TS 23.041	Technical realisation of Cell Broadcast Service	3.0.0	3.1.0	additional CR for R99 on UMTS amendments expected at TSG-T#7
3G TS 23.042	Compression algorithm for SMS	3.0.0	3.1.0	completed
3G TS 23.057	Mobile Station Application Execution Environment (MExE); Functional description	2.0.0	3.0.0	completed
3G TS 23.140	Multimedia Messaging Service (MMS), Functional description	1.0.0	1.0.0	not completet yet TSG-T#7 is the new target for approval as part of R99
3G 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)	3.0.0	3.1.0	completed
3G TS 27.007	AT command set for 3G User Equipment (UE)	3.2.0	3.3.0	additional CR for R99 on UMTS amendments expected at TSG-T#7
3G TS 27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	3.2.0	3.2.0	additional CR for R99 on UMTS amendments expected at TSG-T#7
3G TS 27.103	Wide Area Network Synchronisation	3.0.0	3.0.0	completed
3G TR 27.901	Report on Terminal Interfaces - An Overview	2.0.0	3.0.0	completed
3G TR 27.903	Discussion of synchronisation standards	3.0.0	3.0.0	completed
3G TR 34.907	Electrical safety requirements and regulations	3.0.0	3.0.0	completed
3G TR 34.925	Specific Absorbtion Rate (SAR) requirements and regulations in different region	3.0.0	3.0.0	completed
	Advanced Cell Broadcast			little input, will not be completed in 1999
	Alternatives to AT commands			no input, will not be completed in 1999

ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   3WP/TSGT-02_Fax

Deliverable 3GWP	**Edition:**	**Rapporteur:** Colban, Erik
Creation date: 08/11/99	**Lead Body:** ETSI	**Tel:** +4766841844 **Fax:** +4766981095
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PT:		**Database record last update:** 19/11/99

Title: 3rd Generation Partnership Project;
Technical Specification Group Terminals;
T2 SWG3 + CN3: 3G Work Package on "Facsimile" (Release 1999)

Scope and field of application:
This work item monitors the T2 SWG3 (Messaging) and CN3 activities on "Facsimile" as follows:

1) 3G TR 22.945 "Study on provision of facsimile services in GSM and UMTS" by T2
2) 3G TS 23.046 "Fax Group 3 service - non-transparent" by CN3

Status Version	Phase	Action	Original	Review	Target	Achieved
0	Creation of WI by WG/TB		04/03/99	04/03/99		04/03/99
0 a	TB adoption of WI		04/03/99	04/03/99	04/03/99	04/03/99
1	Start of work		04/03/99	04/03/99	04/03/99	04/03/99
5 S	1) 3G TR 22.945 (version 3.0.0) by T2				**17/12/99**	08/10/99
5 S	2) 3G TS 23.046 (v3.0.0) by CN 3				**17/12/99**	23/04/99
12	Completion				**17/12/99**	

Keywords
UMTS
FAX

Projects
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ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   3WP/TSGT-02_Feature

Deliverable 3GWP	**Edition:**	**Rapporteur:** Hashimoto, Kazuya
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Title:
Technical Specification Group Terminals;
T2 SWG6: 3G Work Package on "Terminal Features and Performance" (Release 1999)

Scope and field of application:
This work item monitors the T2 SWG 6 (Terminal Features & Performance) activities as follows:

1) 3G TR 21.904 "UE Capability Requirements   (UCR)~~Terminal Capability Requirements (TCR)~~"
2) 3G TR 34.907 "Electrical safety requirements and regulations"
3) 3G TR 34.925 "Specific Absorbtion Rate (SAR) requirements and regulations in different regions"

Status Version	Phase	Action	Original	Review	Target	Achieved
0	Creation of WI by WG/TB					04/03/99
1	Start of work					04/03/99
5 S	1) 3G TR 21.904 (version 3.0.0)				15/03/00~~17/12/99~~	
5 S	2) 3G TR 34.907 (version 3.0.0)				**17/12/99**	08/10/99
5 S	3) 3G TR 34.925 (version 3.0.0)				**17/12/99**	08/10/99
12	Completion				**17/12/99**	

Keywords
UMTS

Projects
3G October 1999 Release
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UMTS

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ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   3WP/TSGT-02_Interfac

Deliverable 3GWP	**Edition:**	**Rapporteur:** Novak, Lars
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PT: MCC		**Database record last update:** 19/11/99

Title:
Technical Specification Group Terminals;
T2 SWG2: 3G Work Package on "Terminal Interfaces" (Release 1999)

Scope and field of application:
This work item monitors the T2 SWG2 (Terminal Interfaces) activities as follows:

1) 3G TR 27.901 "Report on Terminal Interfaces - An Overview"
2) 3G TS 27.010 "Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol"

Status Version	Phase	Action	Original	Review	Target	Achieved
0	Creation of WI by WG/TB					28/04/99
1	Start of work					28/04/99
5 S	1) 3G TR 27.901 (version 3.0.0)				**17/12/99**	
5 S	2) 3G TS 27.010 (version 3.0.0)				**17/12/99**	18/06/99
5 S	\<to be defined\>				**17/12/99**	
12	Completion				**17/12/99**	

Keywords
UMTS

Projects
3G October 1999 Release
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ETSI WORK PROGRAM (EWP)　　**Work Item Reference:**　　3WP/TSGT-02_MExE

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PT:		**Database record last update:** 19/11/99

Title:
Technical Specification Group Terminals;
T2 SWG1: 3G Work Package on "Mobile Station Application Execution Environment" (Release 1999)

Scope and field of application:
This work item monitors the TSG-T WG T2 SWG 1 (Execution Environment) activities as follows:

1) 3G TS 23.057 "Mobile Station Application Execution Environment (MExE); Functional description; Stage 2"

Status Version	Phase	Action	Original	Review	Target	Achieved
0	Creation of WI by WG/TB					28/04/99
1	Start of work					28/04/99
5 S	1) 3G TS 23.057 (version 3.0.0)				**17/12/99**	
5 S					**17/12/99**	
12	Completion				**17/12/99**	

Keywords
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ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   3WP/TSGT-02_MMS

Deliverable 3GWP	**Edition:**	**Rapporteur:** Schmidt, Gunnar

Deliverable 3GWP   **Edition:**   **Rapporteur:** Schmidt, Gunnar
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PT: **Database record last update:**   19/11/99
Title:
Technical Specification Group Terminals;
T2 SWG3: 3G Work Package on "Multimedia Messaging Service" (Release 1999)

Scope and field of application:
This work item monitors the T2 SWG 3 (Messaging) activities on "Multimedia Messaging Service " for Release 1999 as follows:

1) 3G TS 23.140 "MMS stage 2/3" (at risk for R99) - responsible T2
2) 3G TS 22.140 "MMS stage 1" (v1.0.0 done by T2 & trasferred to SA1 at TSG#5) - responsible SA1

Status Version	Phase	Action	Original	Review	Target	Achieved
0	Creation of WI by WG/TB		04/03/99	04/03/99		04/03/99
0 a	TB adoption of WI		04/03/99	04/03/99	04/03/99	04/03/99
1	Start of work		04/03/99	04/03/99	04/03/99	04/03/99
5 S	1) 3G TS 22.140 (version 3.0.0) by S1			17/12/99	**17/12/99**	
5 S	2) 3G TS 23.140 (version 3.0.0) by T2			17/12/99	15/03/00 ~~17/12/99~~	
12	Completion			17/12/99	**17/12/99**	

Keywords
TERMINAL
UMTS
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Projects
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ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   3WP/TSGT-02_Multi-Sy

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PT:		**Database record last update:** 19/11/99

Title:
Technical Specification Group Terminals;
T2 SWG5: 3G Work Package on "<u>Multi-mode UE issues</u>~~Multi-system terminal issues~~" (Release 1999)

Scope and field of application:
This work item monitors the T2 SWG 5 (<u>Multi-mode UE issues</u>~~Multi-system terminal issues~~) activities as follows:

1) 3G TR 21.910 "<u>Multi-mode UE issues</u>"

Status Version	Phase	Action	Original	Review	Target	Achieved
0	Creation of WI by WG/TB					28/04/99
1	Start of work					28/04/99
5 S	1) 3G TR 21.910 (version 3.0.0)				~~17/12/99~~15/03/99	
12	Completion				~~15/03/99~~17/12/99	

Keywords
UMTS

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ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   3WP/TSGT-02_SMS

Deliverable 3GWP
Creation date: 11/03/99
Standstill:
Technical body in charge: 3GPP   T
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Title:

Edition:
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Cover date:

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Technical Specification Group Terminals;
T2 SWG3: 3G Work Package on "Short Message Service (SMS)" (Release 1999)

Scope and field of application:
This work item monitors the T2 SWG3 (Messaging) activities on "Short Message Service " for Release 1999 as follows:

1) 3G TS 23.038 "Alphabet and language specific information"
2) 3G TR 23.039 "Interface protocols for the connection of SMSCs to SMEs"
3) 3G TS 23.040 "Technical realization of SMS Point-to-Point"
4) 3G TS 23.042 "Compression algorithm for text messaging services"

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		04/03/99	04/03/99		04/03/99	0.0.0
0 a	TB adoption of WI		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
1	Start of work		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
5 S	1) 3G TS 23.038 (version 3.0.0)			23/06/99	**17/12/99**	23/06/99	
5 S	2) 3G TS 23.039 (version 3.0.0)			23/06/99	**17/12/99**	23/06/99	
5 S	3) 3G TS 23.040 (version 3.0.0)			23/06/99	**17/12/99**	23/06/99	
5 S	4) 3G TS 23.042 (version 3.0.0)			23/06/99	**17/12/99**	23/06/99	
12	Completion			17/12/99	**17/12/99**		

Keywords
TERMINAL
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SMS

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ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   3WP/TSGT-02_SMS_CB

Deliverable 3GWP	**Edition:**	**Rapporteur:** Harris, Ian
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PT:		**Database record last update:** 19/11/99

Title:
Technical Specification Group Terminals;
T2 SWG3: 3G Work Package on "Cell Broadcast Service (CBS)" (Release 1999)

Scope and field of application:
This work item monitors the T2 SWG3 (Messaging) activities on "Cell Broadcast Service" as follows:

1) 3G TS 23.041 "Technical realisation of Cell Broadcast Service (CBS)"
2) Advanced Cell Broadcast Service

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		04/03/99	04/03/99		04/03/99	0.0.0
0 a	TB adoption of WI		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
1	Start of work		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
5 S	1) 3G TS 23.041 (version 3.0.0)			08/10/99	**17/12/99**	08/10/99	
5 S	2) Advanced CBS			17/12/99	<u>15/</u>**03/00**		
12	Completion			17/12/99	<u>15/</u>**03/00**		

Keywords
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ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   3WP/TSGT-02_TI_AAT

Deliverable 3GWP   **Edition:**   **Rapporteur:** Novak, Lars
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PT: **Database record last update:**   17/11/99
Title:
Technical Specification GroupTerminals;
T2 SWG 2: 3G Work Package on "Terminal interfaces (Alternatives to AT commands)" (Release 1999)

Scope and field of application:
This work item monitors the TSG-T WG T2 SWG 2 (Terminal Interfaces) activities on "Alternatives to AT commands" as follows:

1) DTS/TSGT-02TI_AAT_U

Note at TSG#5:
For the second consecutive time no contributions were received.
The deadline of December '99 for inclusion in R99 cannot be met.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		04/03/99	04/03/99		04/03/99	0.0.0
0 a	TB adoption of WI		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
1	Start of work		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
5 S	DTS/TSGT-02TI_AAT_U (version 3.0.0)			17/12/99	**17/12/99**		
12	Completion			17/12/99	<u>15/03/99</u>~~17/12/99~~		

Keywords
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ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   3WP/TSGT-02_TI_AT

Deliverable 3GWP	**Edition:**	**Rapporteur:** Novak, Lars
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PT:		**Database record last update:** 19/11/99

Title:
Technical Specification GroupTerminals;
T2 SWG2: 3G Work Package on "AT commands" (Release 1999)

Scope and field of application:
 This work item monitors the TSG-T WG T2 SWG 2 (Terminal Interfaces) activities on "AT commands" structure based on GSM 07.07 incl. SMS
 as follows:

1) 3G TS 27.007 "AT command set for 3GPP User Equipment (UE)"

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		04/03/99	04/03/99		04/03/99	0.0.0
0 a	TB adoption of WI		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
1	Start of work		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
5 S	1) 3G TS 27.007 (version 3.0.0)			18/06/99	**17/12/99**	18/06/99	
12	Completion			17/12/99	**17/12/99**		

Keywords
TERMINAL
UMTS

Projects
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ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   3WP/TSGT-02_WANSync

Deliverable 3GWP	**Edition:**	**Rapporteur:** Lockhart, Rob
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Title:
Technical Specification Group Terminals;
T2 SWG2: 3G Work Package on " Synchronisation & Object exchange" (Release 1999)

Scope and field of application:
This work item monitors the T2 SWG2 (Terminal Interfaces) activities on "Synchronisation & Object exchange" as follows:

1) 3G TS 27.103 "Wide Area Network Synchronisation"
2) 3G TR 27.903 "Discussion of synchronisation standards"

Status Version	Phase	Action	Original	Review	Target	Achieved
0	Creation of WI by WG/TB					04/03/99
1	Start of work					04/03/99
5 S	1) 3G TS 27.103 (version 3.0.0)				**17/12/99**	08/10/99
5 S	2) 3G TR 27.903 (version 3.0.0)				**17/12/99**	08/10/99
12	Completion				**17/12/99**	

Keywords
UMTS

Projects
3G October 1999 Release
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ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   DTR/TSGT-0221904U

Deliverable TR	**Edition:**	**Rapporteur:** Bishop, Craig
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Technical body in charge: 3GPP T		**Technical editor:** Rodermund, Friedhelm
PT:		**Database record last update:** 05/11/99

Title:
Technical Specification GroupTerminals;
Terminal ~~Capability~~ UE Requirements (U~~T~~CR) (3G TR 21.904 version 1.~~0~~1.0~~2~~)

Scope and field of application:
   This document defines a baseline set of capability requirements that enable all terminals to "register" with all applicable 3GPP networks (depending on the availability of a appropriate subscription). It describes all the functions that a
   terminal must perform in order to "exist" within a 3GPP network. These functions are used to derive requirements for all aspects of terminal baseline capability.
   This document also identifies different service capabilities and the functions that a terminal must perform in order to access a service. The actual
   capabilities that a terminal must posses to meet these requirements are listed in the Annexes to this document and described in the referenced
   implementation specifications.
   This document introduces the concept of "service-less terminal" which can exist in the network but provides no user service. Although this is not a
   marketable terminal type it describes from the standardisation viewpoint a baseline set of capabilities to which specific service-related terminal
   capabilities can then be added.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		04/03/99	04/03/99		04/03/99	0.0.0
0 a	TB adoption of WI		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
1	Start of work		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
5 S	TSG#3 Apr 99			23/04/99		23/04/99	0.0.0
5 S	TSG#4 Jun 99			18/06/99	**18/06/99**	18/06/99	0.0.3
5 S	TSG#5 Oct 99			08/10/99	**08/10/99**	08/10/99	1.0.2
5 S	TSG#6 Dec 99			17/12/99	**17/12/99**		1~~3~~.1~~0~~.0
5 S	TSG#7 Mar 99			15/03/99	**15/03/99**		3.0.0

Keywords
UMTS

Projects
3G April 1999 Release
3G June 1999 Release
3G October 1999 Release
TSG T
UMTS

Mandates

ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   DTR/TSGT-0221910U

Deliverable TR	**Edition:**	**Rapporteur:** Persson, Sofi
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Title:
Technical Specification Group Terminals;
~~Multi-mode UE issues~~Multi-sytem terminal issues (3G TR 21.910 version 1.~~03.1~~2)

Scope and field of application:
~~Report on work already done, and issues that need additional treatment to allow efficient multi-mode terminal implementations.~~
TR 21.910 identifies multi-mode User Equipments categories and describes the consequences on roaming capabilities and service availability (e.g. handover) of such multi-mode UEs while roaming in various regions implemented with various network configurations. The latter objective consists of case studies for each of the possible scenarios in reference to existing specifications In these studies it has been important to make sure that no duplication of text has been made or that inconsistencies have been created between specifications.
The initial version of this TR is limited to UEs implementing release 99 of the various modes roaming in regions implementing specifications up to and including release 99 of the associated specifications (e.g. a rel 99 multi-mode UE in a release 97 GSM network should be covered).
In particular, the release 99 of this TR is focused on the type of UE that only can camp on one cell and be in active communication in only one mode at the same time. When the UE is in active communication in one mode it should be able to listen to the other radio access technologies and make e.g. measurements reports on this radio access technology and send them to the network, but no simultaneous active communication should be possible. This corresponds to a type 2 UE, as defined in the report in ch. 4.
The scope of this TR is the type of terminal implemented with at least the following modes:

- UTRA FDD and/or TDD mode
- GSM mode

The content of the scenarios could be used for other combinations of modes in a multi-mode UE. These are not considered in this version of this report.
Regarding the GSM mode, it encompasses the capabilities offered by the GSM technical specifications, i.e. MSC services, GPRS, EDGE. This means that the sub-categories as offered by GSM should be considered e.g. GPRS only terminals, circuit switched only terminal, dual capability terminals.
The present report is built on and references specifications/reports being produced in 3GPP or within other relevant foras e.g. ETS SMG.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		04/03/99	04/03/99		04/03/99	0.0.0
0 a	TB adoption of WI		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
1	Start of work		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
5 S	TSG#3 Apr 99			23/04/99	**23/04/99**	23/04/99	0.1.0
5 S	TSG#4 Jun 99			18/06/99	**17/06/99**	18/06/99	0.2.0
5 S	TSG#5 Oct 99			08/10/99	**08/10/99**	08/10/99	1.0.1
5 S	TSG#6 Dec 99			17/12/99	**17/12/99**		~~3~~1.~~03~~.~~2~~0
5 S	TSG#7 Mar 99			15/03/99	**15/03/99**		3.0.0

Keywords
MULTIMODE
TERMINAL
UMTS

Projects
3G October 1999 Release
TSG T
UMTS

Mandates

ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   DTR/TSGT-0222945U

Deliverable TR	**Edition:**	**Rapporteur:** Colban, Erik
Creation date: 20/05/99	**Lead Body:** ETSI	**Tel:** +4766841844 **Fax:** +4766981095
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Technical body in charge: 3GPP T		**Technical editor:** Rodermund, Friedhelm
PT:		**Database record last update:** 26/10/99

Title:
Technical Specification Group Terminals;
Study on provision of facsimile services in GSM and UMTS (3G TR 22.945 version 3.0.0)

Scope and field of application:
This document gives guidance on how facsimile services can be provided in a GSM or UMTS network. It studies how facsimile messages can beexchanged between mobile equipment and a PSTN facsimile machine. Although the approaches described herein can be applied to cases where none
ofthe end points are connected to a PSTN, the study of such cases are out of the scope of this document.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		28/04/99	28/04/99		28/04/99	
0 a	TB adoption of WI		28/04/99	28/04/99	28/04/99	28/04/99	
1	Start of work		28/04/99	28/04/99	28/04/99	28/04/99	
5 S	TSG#3 Apr 99		28/04/99	28/04/99		28/04/99	1.0.0
5 S	TSG#4 Jun 99		18/06/99	18/06/99	**18/06/99**	23/06/99	1.0.0
5 S	TSG#5 Oct 99		08/10/99	08/10/99	**08/10/99**	08/10/99	3.0.0
5 S	TSG#6 Dec 99		17/12/99	17/12/99	**17/12/99**		

Keywords
GSM
UMTS

Projects
3G April 1999 Release
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TSG T

Mandates

ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   DTS/TSGT-0223038U

Deliverable TS	**Edition:**	**Rapporteur:** Harris, Ian
Creation date: 20/05/99	**Lead Body:** ETSI	**Tel:** +44 1635 673 270 **Fax:** +44 1635 673 258
Standstill:	**Cover date:**	**E-mail:** ian.harris@vads.vodafone.co.uk
Technical body in charge: 3GPP T		**Technical editor:** Rodermund, Friedhelm
PT:		**Database record last update:** 19/11/99

Title:
Technical Specification Group Terminals;
Short Message Service (SMS) Cell Broadcast (CB); Alphabets and language- specific information (3G TS 23.038 version 3.2.0)

Scope and field of application:
Transfer of GSM 03.38 to 3GPP.
Progress is monitored by the Generic work item MI/TSGT-02_SMS_CB_U.
_____

This TS defines the language-specific requirements.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		28/04/99	28/04/99		28/04/99	
0 a	TB adoption of WI		28/04/99	28/04/99	28/04/99	28/04/99	
1	Start of work		28/04/99	28/04/99	28/04/99	28/04/99	
5 S	Transfer 03.38 from SMG to 3GPP		28/04/99	28/04/99		28/04/99	
5 S	TSG#3 Apr 99		28/04/99	28/04/99		28/04/99	1.0.0
5 S	TSG#4 Jun 99		18/06/99	18/06/99	**18/06/99**	23/06/99	3.1.0
5 S	TSG#5 Oct 99 (3G-CR 002)		08/10/99	08/10/99	**08/10/99**	08/10/99	3.2.0
5 S	TSG#6 Dec 99		17/12/99	17/12/99	**17/12/99**		

Keywords
GSM
UMTS
SMS
CB

Projects
3G April 1999 Release
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Mandates

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTS/TSGT-0223039U

Deliverable TS	**Edition:**	**Rapporteur:** Harris, Ian
Creation date: 20/05/99	**Lead Body:** ETSI	**Tel:** +44 1635 673 270 **Fax:** +44 1635 673 258
Standstill:	**Cover date:**	**E-mail:** ian.harris@vads.vodafone.co.uk
Technical body in charge: 3GPP T		**Technical editor:** Rodermund, Friedhelm
PT:		**Database record last update:** 19/11/99

Title:
Technical Specification Group Terminals;
 Interface protocols for the connection of Short Message Service Centres (SMSCs) to Short Message Entities (SMEs) (3G TR 23.039 version 3.0.0)

Scope and field of application:
Transfer of GSM 03.39 to 3GPP.
Progress is monitored by the Generic work item MI/TSGT-02_SMS_U.
_____

 The present document describes a range of alternative interfaces which may be utilised by Short Message Service Centre (SMSC), and ShortMessage
 Entity (SME), developers for the connection of SMEs to SMSCs.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		28/04/99	28/04/99		28/04/99	
0 a	TB adoption of WI		28/04/99	28/04/99	28/04/99	28/04/99	
1	Start of work		28/04/99	28/04/99	28/04/99	28/04/99	
5 S	Transfer 03.39 from SMG to 3GPP		28/04/99	28/04/99		28/04/99	
5 S	TSG#3 Apr 99		28/04/99	28/04/99		28/04/99	1.0.0
5 S	TSG#4 Jun 99		18/06/99	18/06/99	**18/06/99**	23/06/99	3.0.0
5 S	TSG#5 Oct 99		08/10/99	08/10/99	**08/10/99**	08/10/99	3.0.0
5 S	TSG#6 Dec 99		17/12/99	17/12/99	**17/12/99**		

Keywords
GSM
UMTS
SMS

Projects
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Mandates

ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   DTS/TSGT-0223040U

Deliverable TS   **Edition:**   **Rapporteur:** Harris, Ian
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Technical body in charge: 3GPP   T   **Technical editor:** Rodermund, Friedhelm
PT: **Database record last update:**   19/11/99
Title:
Technical Specification Group Terminals;
Technical realization of the Short Message Service (SMS); (3G TS 23.040 version 3.2.0)

Scope and field of application:
Transfer of GSM 03.40 to 3GPP.
Progress is monitored by the Generic work item MI/TSGT-02_SMS_U.
_____

This TS describes the technical realization of the Short Message Service (SMS).

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		28/04/99	28/04/99		28/04/99	
0 a	TB adoption of WI		28/04/99	28/04/99	28/04/99	28/04/99	
1	Start of work		28/04/99	28/04/99	28/04/99	28/04/99	
5 S	Transfer 03.40 from SMG to 3GPP		28/04/99	28/04/99		28/04/99	
5 S	TSG#3 Apr 99		28/04/99	28/04/99		28/04/99	1.0.0
5 S	TSG#4 Jun 99		18/06/99	18/06/99	**18/06/99**	23/06/99	3.1.0
5 S	TSG#5 Oct 99 (3G-CR 3,4,5 2G-CR A08/R98)		08/10/99	08/10/99	**08/10/99**	08/10/99	3.2.0
5 S	TSG#6 Dec 99		17/12/99	17/12/99	**17/12/99**		

Keywords
GSM
UMTS
SMS

Projects
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Mandates

ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   DTS/TSGT-0223041U

Deliverable TS   **Edition:**   **Rapporteur:** Harris, Ian
Creation date: 03/09/99   **Lead Body:** ETSI   **Tel:** +44 1635 673 270   **Fax:** +44 1635 673 258
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Technical body in charge: 3GPP   T   **Technical editor:** Rodermund, Friedhelm
PT: **Database record last update:**   19/11/99
Title:
Technical Specification Group Terminals;
Technical realization of Cell Broadcast Service (CBS) (3G TS 23.041 version 3.0.0)

Scope and field of application:
The present document specifies the CBS stage 2/3 based on GSM 03.41.
References 03.41, 04.12, 03.38, 03.49.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		04/03/99	04/03/99		04/03/99	0.0.0
0 a	TB adoption of WI		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
1	Start of work		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
5 S	TSG#3 Apr 99		23/04/99	23/04/99		23/04/99	0.0.0
5 S	TSG#4 Jun 99		18/06/99	18/06/99	**18/06/99**	18/06/99	0.0.0
5 S	TSG#5 Oct 99		08/10/99	08/10/99	**08/10/99**	08/10/99	3.0.0
5 S	TSG#6 Dec 99		17/12/99	17/12/99	**17/12/99**		

Keywords
UMTS

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ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   DTS/TSGT-0223042U

Deliverable TS	**Edition:**	**Rapporteur:** Harris, Ian
Creation date: 20/05/99	**Lead Body:** ETSI	**Tel:** +44 1635 673 270 **Fax:** +44 1635 673 258
Standstill:	**Cover date:**	**E-mail:** ian.harris@vads.vodafone.co.uk
Technical body in charge: 3GPP T		**Technical editor:** Rodermund, Friedhelm
PT:		**Database record last update:** 26/10/99

Title:
Technical Specification Group Terminals;
Compression algorithm for text messaging services (3G TS 23.042 version 3.0.0)

Scope and field of application:
Transfer of GSM 03.42 to 3GPP.
Progress is monitored by the Generic work item MI/TSGT-02_SMS_U.

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The present document introduces the concepts and mechanisms involved in the compression and decompression of a stream of data.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		28/04/99	28/04/99		28/04/99	
0 a	TB adoption of WI		28/04/99	28/04/99	28/04/99	28/04/99	
1	Start of work		28/04/99	28/04/99	28/04/99	28/04/99	
5 S	Transfer 03.42 from SMG to 3GPP		28/04/99	28/04/99		28/04/99	
5 S	TSG#3 Apr 99		28/04/99	28/04/99		28/04/99	1.0.0
5 S	TSG#4 Jun 99		18/06/99	18/06/99	**18/06/99**	23/06/99	3.0.0
5 S	TSG#5 Oct 99		08/10/99	08/10/99	**08/10/99**	08/10/99	3.0.0
5 S	TSG#6 Dec 99		17/12/99	17/12/99	**17/12/99**		

Keywords
GSM
UMTS
SMS

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Deliverable TS	**Edition:**
Creation date: 20/05/99	**Lead Body:** ETSI
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Technical editor: Rodermund, Friedhelm
Database record last update: 19/11/99

Title:
Technical Specification Group Terminals;
Mobile Station Application Execution Environment (MExE); Functional description; Stage 2 (3G TS 23.057 version 1.5.0)

Scope and field of application:
Transfer of GSM 03.57 to 3GPP.
_____

This TS defines the stage two description of the Mobile Station Application Execution Environment (MExE). Stage 2 identifiesthe functional capabilities and information flows needed to support the service described in stage 1. This TS includes information applicable to network operators, service providers and terminal,
switch and database manufacturers. This TS contains the core functions for a Mobile Station Application Execution Environment (MExE) which are sufficient to provide a completeservice. MExE uses a number of
technologies to realise the requirements of the stage 1 description (GSM 22.057). This TS describes how the service requirements arerealised with the
selected technologies. The TS is devised into sections each covering the aspects relating to particular MExE technologies, it isintended that thi
specification will evolve along with the MExE technologies. A generic section of the specification covers areas of MExE commonto all technologies.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		28/04/99	28/04/99		28/04/99	
0 a	TB adoption of WI		28/04/99	28/04/99	28/04/99	28/04/99	
1	Start of work		28/04/99	28/04/99	28/04/99	28/04/99	
5 S	Transfer 03.57 from SMG to 3GPP		28/04/99	28/04/99		28/04/99	
5 S	TSG#3 Apr 99		28/04/99	28/04/99		28/04/99	1.0.0
5 S	TSG#4 Jun 99 (MExE R98 GSM 03.57)		18/06/99	18/06/99	**18/06/99**	18/06/99	1.1.0
5 S	TSG#5 Oct 99		08/10/99	08/10/99	**08/10/99**	08/10/99	1.5.0
5 S	TSG#6 Dec 99		17/12/99	17/12/99	**17/12/99**		3.0.0

Keywords
GSM
UMTS

Projects
3G April 1999 Release
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3G October 1999 Release
TSG T

Mandates

ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   DTS/TSGT-0223140U

Deliverable TS	**Edition:**	**Rapporteur:** Schmidt, Gunnar
Creation date: 03/09/99	**Lead Body:** ETSI	**Tel:** +49 5341 28 5853 **Fax:** +49 5341 28 5140
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Technical body in charge: 3GPP T		**Technical editor:** Rodermund, Friedhelm
PT:		**Database record last update:** 26/10/99

Title:
Technical Specification GroupTerminals;
Messaging (Multimedia Messaging Service); Stage 2/3 (3G TS 23.140 version 0.1.01.0.0)

Scope and field of application:
The present document specifies the Multimedia Messaging Service stage 2/3.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		04/03/99	04/03/99		04/03/99	0.0.0
0 a	TB adoption of WI		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
1	Start of work		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
5 S	TSG#3 Apr 99		23/04/99	23/04/99		23/04/99	0.0.0
5 S	TSG#4 Jun 99		18/06/99	18/06/99	**18/06/99**	18/06/99	0.0.0
5 S	TSG#5 Oct 99		08/10/99	08/10/99	**08/10/99**	08/10/99	0.1.0
5 S	TSG#6 Dec 99		17/12/99	17/12/99	**17/12/99**		31.0.0
5 S	TSG#7 Mar 00		15/03/00	15/03/00	**15/03/00**		3.0.0

Keywords
TERMINAL
UMTS
MULTIMEDIA

Projects
3G October 1999 Release
TSG T
UMTS

Mandates

ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   DTS/TSGT-0227005U

Deliverable TS   **Edition:**   **Rapporteur:** Harris, Ian
Creation date: 20/05/99   **Lead Body:** ETSI   **Tel:** +44 1635 673 270   **Fax:** +44 1635 673 258
Standstill: **Cover date:**   **E-mail:** ian.harris@vads.vodafone.co.uk
Technical body in charge: 3GPP   T   **Technical editor:** Rodermund, Friedhelm
PT: **Database record last update:**   19/11/99
Title:
Technical Specification Group Terminals;
Use of DTE- DCE interface for SMS and CBS (3G TS 27.005 version 3.0.0)

Scope and field of application:
Transfer of GSM 07.05 to 3GPP.
Progress is monitored by the Generic work item MI/TSGT-02_AT_U.
_____

  This TS defines three interface protocols for control of SMS functions within a GSM mobile telephone from a remote terminal via an asynchronous
  interface. This specification considers the mobile termination to be a single entity. Other TSs describe the split of functionality between the mobile
  equipment and SIM.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		28/04/99	28/04/99		28/04/99	
0 a	TB adoption of WI		28/04/99	28/04/99	28/04/99	28/04/99	
1	Start of work		28/04/99	28/04/99	28/04/99	28/04/99	
5 S	Transfer 07.05 from SMG to 3GPP		28/04/99	28/04/99		28/04/99	
5 S	TSG#3 Apr 99		28/04/99	28/04/99		28/04/99	1.0.0
5 S	TSG#4 Jun 99		18/06/99	18/06/99	**18/06/99**	18/06/99	3.0.0
5 S	TSG#5 Oct 99 (3G-CR 6-15 2G-CR A08/R97/8		08/10/99	08/10/99	**08/10/99**	08/10/99	3.0.0
5 S	TSG#6 Dec 99		17/12/99	17/12/99	**17/12/99**		

Keywords
GSM
UMTS
SMS
CB

Projects
3G April 1999 Release
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Mandates

ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   DTS/TSGT-0227007U

Deliverable TS	**Edition:**	**Rapporteur:** Novak, Lars
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Technical body in charge: 3GPP T		**Technical editor:** Zoicas, Adrian
PT:		**Database record last update:** 26/10/99

Title:
Technical Specification Group Terminals;
AT command set for 3GPP User Equipment (UE) (3G TS 27.007 version 3.2.0)

Scope and field of application:
Transfer of GSM 07.07 to 3GPP.
Progress is monitored by the Generic work item MI/TSGT-02_AT_U.
_____

This TS specifies a profile of AT commands and recommends that this profile be used for controlling Mobile Equipment (ME) functions and GSM network services from a Terminal Equipment (TE) through Terminal Adaptor
(TA). The command prefix +C is reserved for Digital Cellular in ITU-T Recommendation V.25ter. This TS has also the syntax details used to constructthese extended GSM commands. Commands from ITU-T Recommendation V.25ter and existing digital cellular standards (TIA IS-99 and TIA
IS-135) are used whenever applicable. Some of the new commands are defined such way that they can be easilyapplied to ME of networks other than
GSM.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		28/04/99	28/04/99		28/04/99	
0 a	TB adoption of WI		28/04/99	28/04/99	28/04/99	28/04/99	
1	Start of work		28/04/99	28/04/99	28/04/99	28/04/99	
5 S	Transfer 07.07 from SMG to 3GPP		28/04/99	28/04/99		28/04/99	
5 S	TSG#3 Apr 99		28/04/99	28/04/99		28/04/99	1.0.0
5 S	TSG#4 Jun 99		18/06/99	18/06/99	**18/06/99**	18/06/99	3.1.0
5 S	TSG#5 Oct 99		08/10/99	08/10/99	**08/10/99**	08/10/99	3.2.0
5 S	TSG#6 Dec 99		17/12/99	17/12/99	**17/12/99**		0.0.0

Keywords
GSM
UMTS

Projects
3G April 1999 Release
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Mandates

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTS/TSGT-0227010U

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Standstill:	**Cover date:**	**E-mail:** lars.novak@ecs.ericsson.se
Technical body in charge: 3GPP T		**Technical editor:** Zoicas, Adrian
PT:		**Database record last update:** 26/10/99

Title:
Technical Specification Group Terminals;
Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol (3G TS 27.010 version 3.2.0)

Scope and field of application:
Transfer of GSM 07.10 to 3GPP.
_____

This TS defines a multiplexing protocol between a mobile station and a terminal. The multiplexing protocol can be used to send any data, for instance voice, SMS, USSD, fax etc. The present document describes the protocol, but not the commands or data transported with it.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		28/04/99	28/04/99		28/04/99	
0 a	TB adoption of WI		28/04/99	28/04/99	28/04/99	28/04/99	
1	Start of work		28/04/99	28/04/99	28/04/99	28/04/99	
5 S	Transfer 07.10 from SMG to 3GPP		28/04/99	28/04/99		28/04/99	
5 S	TSG#3 Apr 99		28/04/99	28/04/99		28/04/99	1.0.0
5 S	TSG#4 Jun 99		18/06/99	18/06/99	**18/06/99**	18/06/99	3.1.0
5 S	TSG#5 Oct 99 (3G-CR 3,4 2G-CR A02/R97/8)		08/10/99	08/10/99	**08/10/99**	08/10/99	3.2.0
5 S	TSG#6 Dec 99		17/12/99	17/12/99	**17/12/99**		

Keywords
GSM
UMTS

Projects
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TSG T

Mandates

ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   DTS/TSGT-0227103U

Deliverable TS	**Edition:**	**Rapporteur:** Lockhart, Rob
Creation date: 21/10/99	**Lead Body:** ETSI	**Tel:** +1 561 739 2650 **Fax:** +1 561 739 3505
Standstill:	**Cover date:**	**E-mail:** rob.lockhart@mot.com
Technical body in charge: 3GPP T		**Technical editor:** Rodermund, Friedhelm
PT:		**Database record last update:** 26/10/99

Title:
Technical Specification GroupTerminals;
Wide Area Network Synchronisation (3G TS 27.103 version 3.0.0)

Scope and field of application:
This specification provides a definition of a Wide Area Synchronisation protocols.
The synchronization protocol is based upon IrMC level 4.
The present document covers Wide Area Network Synchronisation between current and future mobile communication end-user devices, desktop
 applications and server-based information servers.
This is a living document and, as such, it will evaluate new technologies (e.g. XML) for inclusion as they become readily available.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB					08/10/99	
0 a	TB adoption of WI				08/10/99	08/10/99	
5 S	TSG#5 Oct 99				**08/10/99**	08/10/99	3.0.0
5 S	TSG#6 Dec 99				**17/12/99**		

Keywords
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ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   DTR/TSGT-0227901U

Deliverable TR	**Edition:**	**Rapporteur:** Rex, Thomas

Deliverable TR

Creation date: 10/03/99

Standstill:

Technical body in charge: 3GPP   T

PT:

Edition:

Lead Body: ETSI

Cover date:

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Technical editor: Rodermund, Friedhelm

Database record last update: 20/11/99

Title:
Technical Specification Group Terminals;
Report on Terminal Interfaces - An Overview (3G TR 27.901 version 1.0.1)

Scope and field of application:
Report on options for Terminal interfaces (physical interface).
References: ETSI 04.02, 07.10. ARIB Vol.4, Ch.8

 T2 concluded that 3GPP should not produce any technical specification for terminal interfaces other than the radio interface and the USIM interface.

 The SDOs could develop their own optional physical connector specification based on their market requirements. T endorsed the conclusion of T2.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		04/03/99	04/03/99		04/03/99	0.0.0
0 a	TB adoption of WI		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
1	Start of work		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
5 S	TSG#3 Apr 99					23/04/99	0.0.1
5 S	TSG#4 Jun 99				**18/06/99**	18/06/99	0.0.0
5 S	TSG#5 Oct 99				**08/10/99**	08/10/99	1.0.1
5 S	TSG#6 Dec 99				**17/12/99**		3.0.0

Keywords
UMTS

Projects
3G October 1999 Release
TSG T
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ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   DTR/TSGT-0227903U

Deliverable TR	**Edition:**	**Rapporteur:** Lockhart, Rob
Creation date: 10/03/99	**Lead Body:** ETSI	**Tel:** +1 561 739 2650 **Fax:** +1 561 739 3505
Standstill:	**Cover date:**	**E-mail:** rob.lockhart@mot.com
Technical body in charge: 3GPP T		**Technical editor:** Rodermund, Friedhelm
PT:		**Database record last update:** 19/11/99

Title:
Technical Specification GroupTerminals;
Terminal interfaces; Discussion of synchronisation standards (3G TR 27.903 version 3.0.0)

Scope and field of application:
Report identifing applications not covered elsewhere + and propose method of handling in WG2.
The present document provides information on existing synchronisation protocols. It summarises proprietary and standard protocols relevant to current and future mobile communication devices.
The present document covers only synchronisation between end-user devices, desktop applications, and server-based information services. It does not
refer to replication or synchronisation between enterprise databases.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		04/03/99	04/03/99		04/03/99	0.0.0
0 a	TB adoption of WI		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
1	Start of work		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
5 S	TSG#3 Apr 99			23/04/99		23/04/99	0.0.0
5 S	TSG#4 Jun 99			18/06/99	**18/06/99**	18/06/99	0.0.0
5 S	TSG#5 Oct 99			08/10/99	**08/10/99**	08/10/99	3.0.0
5 S	TSG#6 Dec 99			17/12/99	**17/12/99**		

Keywords
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ETSI WORK PROGRAM (EWP)   **Work Item Reference:**   DTR/TSGT-0234907U

Deliverable TR	**Edition:**	**Rapporteur:** Iimori, Eiji
Creation date: 14/04/99	**Lead Body:** ETSI	**Tel:** +81 42 585 3345 **Fax:** +81 42 585 3035
Standstill:	**Cover date:**	**E-mail:** iimori@msrd.hino.toshiba.co.jp
Technical body in charge: 3GPP T		**Technical editor:** Rodermund, Friedhelm
PT:		**Database record last update:** 26/10/99

Title:
Technical Specification GroupTerminals;
Electrical safety requirements and regulations (3G TR 34.907 version 3.0.0)

Scope and field of application:

The present document provides the information on electrical safety requirements for Information and Technical equipment including 3G mobile phone
in each country and region.

The present document summarises the difference between international standards and national standards relevant to IEC60950 and also refers to
regulations with regard to the conformity assessment because each country has different standards from other countries in current situation.

The present document does not define any new electrical safety requirements.

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		19/03/99	19/03/99	**20/04/99**	19/03/99	0.0.0
0 a	TB adoption of WI		20/04/99	23/04/99	**20/04/99**	23/04/99	0.0.0
1	Start of work		20/04/99	23/04/99	**20/04/99**	23/04/99	0.0.0
5 S	TSG#3 Apr 99		23/04/99	23/04/99		23/04/99	1.0.0
5 S	TSG#4 Jun 99		18/06/99	18/06/99	**18/06/99**	18/06/99	1.0.0
5 S	TSG#5 Oct 99		08/10/99	08/10/99	**08/10/99**	08/10/99	3.0.0
5 S	TSG#6 Dec 99		17/12/99	17/12/99	**17/12/99**		

Keywords
UMTS
SAFETY
ELECTRIC
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Projects
3G April 1999 Release
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ETSI WORK PROGRAM (EWP)　　**Work Item Reference:**　　DTR/TSGT-0234925U

Deliverable　TR	**Edition:**	**Rapporteur:**　Johnsson, Sven
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Technical body in charge:　3GPP　　T		**Technical editor:**　Rodermund, Friedhelm
PT:		**Database record last update:**　　19/11/99

Title:
Technical Specification GroupTerminals;
Specific Absorbtion Rate (SAR) requirements and regulations in different regions (3G TR 34.925 version 3.0.0)

Scope and field of application:
Report on SAR requirements & regulations in different regions.
Specific Absorption Rate (Watts/kilogram)

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		04/03/99	04/03/99		04/03/99	0.0.0
0 a	TB adoption of WI		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
1	Start of work		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
5 S	TSG#3 Apr 99			23/04/99		23/04/99	1.0.0
5 S	TSG#4 Jun 99			18/06/99	**18/06/99**	18/06/99	3.0.0
5 S	TSG#5 Oct 99			08/10/99	**08/10/99**	08/10/99	3.0.0
5 S	TSG#6 Dec 99			17/12/99	**17/12/99**		

Keywords
SAR
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Deliverable TS	**Edition:**	**Rapporteur:** Novak, Lars
Creation date: 03/09/99	**Lead Body:** ETSI	**Tel:** +46 46 19 35 16 **Fax:** +46 46 19 31 36
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Technical body in charge: 3GPP T		**Technical editor:** Rodermund, Friedhelm
PT:		**Database record last update:** 19/11/99

Title:
Technical Specification GroupTerminals;
Terminal interfaces (Alternatives to AT commands)

Scope and field of application:
Report on options

Status Version	Phase	Action	Original	Review	Target	Achieved	
0	Creation of WI by WG/TB		04/03/99	04/03/99		04/03/99	0.0.0
0 a	TB adoption of WI		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
1	Start of work		04/03/99	04/03/99	04/03/99	04/03/99	0.0.0
5 S	TSG#3 Apr 99		23/04/99	23/04/99		23/04/99	0.0.0
5 S	TSG#4 Jun 99		18/06/99	18/06/99	**18/06/99**	18/06/99	0.0.0
5 S	TSG#5 Oct 99		08/10/99	08/10/99	**08/10/99**	08/10/99	0.0.0
5 S	TSG#6 Dec 99		17/12/99	17/12/99	**17/12/99**		0.0.0
5 S	TSG#7 March 00				**03/99**		3.0.0

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