

**Source:** T Secretary, Adrian ZOICAS

**Title:** T2 work programme BEFORE meeting T#5, October 1999 and expected deliverables

**Agenda item:** 7.4

- The work programme is attached (Word file).
- The work programme can be consulted on-line at:  
<http://www.etsi.org/EWPWeb/>  
by selecting in the "QUERY FORM" the  
"Technical Body" as  
"3GPP T2"

### Status of TSG-T Specifications after TSG#4, June 1999

Reference	Title	Status	Target v.3.0.0	Rapporteur
<b>T 2/ SWG1 Execution Environment (Chairman: Mark CATALDO, Motorola)</b>				
TS 23.057	MExE R98 GSM 03.57	v.1.1.0	17-12-1999	Mark CATALDO
<b>T 2/ SWG2 Terminal Interfaces (Chairman: Lars NOVAK, Ericsson)</b>				
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)	v3.0.0		Friedhelm RODERMUND
TS 27.007	AT command set for 3GPP User Equipment (UE)	v3.1.0		Friedhelm RODERMUND
TS 27.010	Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol	v3.1.0		Friedhelm RODERMUND
<b>T 2/ SWG3 Messaging (Chairman: Arthur GIDLOW, One2One)</b>				
TS 23.038	Alphabets and language-specific information	v3.1.0		
TS 23.039	Interface protocols for the connection of Short Message Service Centres (SMSCs) to Short Message Entities (SMEs)	v3.0.0		
TS 23.040	Technical realization of the Short Message Service (SMS); Point-to-Point (PP)	v3.1.0		
TS 23.042	Compression algorithm for text messaging services	v3.0.0		
<b>T 2/ SWG4 Services End to End Interworking</b>				
<b>T 2/ SWG5 Multi-mode Terminals (Chairperson: Sofi PERSSON, Telia)</b>				
DTR/TSGT-02MmT1U	Multi-mode terminal issues	v.0.2.0	08-10-1999	Sofi PERSSON
<b>T 2/ SWG6 Terminal Features and Performance (Chairman: Kazuya HASHIMOTO, NEC)</b>				
TR 34.925	Specific Absorption Rate (SAR)	v.3.0.0		Sven JOHNSSON
TR 34.907	Electrical safety requirements and regulations	v.1.0.0	17-12-1999	Eiji IIMORI
TR 21.904	Terminal Capability requirements	v.0.0.3	17-12-1999	

**Expected deliverables at TSG#5, October 1999**

<b>T 2/ SWG1 Execution Environment (Chairman: Mark CATALDO, Motorola)</b>		
TS 23.057	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2	v.2.0.0
<b>T 2/ SWG5 Multi-mode Terminals (Chairperson: Sofi PERSSON, Telia)</b>		
DTR/TSGT-02MmT1U	Multi-mode terminal issues	v.3.0.0
TR 22.945	Study on provision of facsimile services in GSM and UMTS	v.3.0.0
TR 34.907	Electrical safety requirements and regulations	v.3.0.0
DTR/TSGT-02TFPG_U	Terminal features and performance (General features)	v.2.0.0
DTR/TSGT-02TI_OAP_U	Terminal interfaces; synchronisation and object exchange	v.2.0.0
DTR/TSGT-02TI_P_U	Terminal interfaces (physical interface)	v.2.0.0

**Miscellaneous work items**

MI/TSGT-02MMS_U	Messaging (Multimedia Messaging Service); Stage 2/3
MI/TSGT-02SMS_ACB_U	Short Message Service (SMS) Cell Broadcast (CB); Messaging (Advanced Cell Broadcast); Stage 2/3
MI/TSGT-02SMS_CB_U	Short Message Service (SMS) Cell Broadcast (CB); Messaging (Cell Broadcast); Stage 2/3
MI/TSGT-02SMS_U	Messaging (Short Message Service (SMS)); Stage 2/3
MI/TSGT-02TI_AAT_U	Terminal interfaces (Alternatives to AT commands)
MI/TSGT-02TI_AT_U	Terminal interfaces (AT commands for 3GPP)

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTR/TSGT-0222945U

**Deliverable** TR

**Creation date:** 20/05/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:** 3rd Generation Partnership Project;  
Technical Specification Group Terminals (TSG-T);

Study on provision of facsimile services in GSM and UMTS (3G TR 22.945 version 1.0.0)

**Edition:**

**Lead Body:** ETSI

**Cover date:**

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**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 02/08/1999

**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 be exchanged between mobile equipment and a PSTN facsimile machine. Although the approaches described herein can be applied to cases where none of the end points are connected to a PSTN, the study of such cases are out of the scope of this document.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		28/04/1999	28/04/1999		28/04/1999	
0 a	TB adoption of WI		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
1	Start of work		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
5 S	TSG-SA#3 Apr 99		28/04/1999	28/04/1999		28/04/1999	1.0.0
5 S	TSG-T#4 Jun 99		18/06/1999	18/06/1999	<b>18/06/1999</b>	23/06/1999	1.0.0
<b>5 S</b>	<b>TSG-T#5 Oct 99</b>		<b>08/10/1999</b>	<b>08/10/1999</b>	<b>08/10/1999</b>		<b>3.0.0</b>
5 S	TSG-T#6 Dec 99		17/12/1999	17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

GSM  
UMTS

**Projects**

3G April 1999 Release  
3G June 1999 Release  
TSG T

**Mandates**

**Secretariat Comments**

20/05/1999 zoicas WI created.

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTS/TSGT-0223038U

**Deliverable** TS

**Creation date:** 20/05/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminals (TSG-T);

Short Message Service (SMS) Cell Broadcast (CB); Alphabets and language- specific information (3G TS 23.038 version 1.0.0)

**Edition:**

**Lead Body:** ETSI

**Cover date:**

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**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 02/08/1999

**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 for GSM. These are specific code points required by the Short Message Service (SMS) specifications which in turn are used not only for SMS (GSM 03.40, 03.41) but also for Unstructured Data (GSM 02.90) and may additionally be used for Man Machine Interface (MMI) (GSM 02.30). The specification for the Data Circuit terminating Equipment/Data Terminal Equipment (DCE/DTE) interface (GSM 07.05) will also use the codes specified herein for the transfer of SMS data to an external terminal.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		28/04/1999	28/04/1999		28/04/1999	
0 a	TB adoption of WI		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
1	Start of work		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
5 S	Transfer 03.38 from SMG to 3GPP		28/04/1999	28/04/1999		28/04/1999	
5 S	TSG-SA#3 Apr 99		28/04/1999	28/04/1999		28/04/1999	1.0.0
5 S	TSG-T#4 Jun 99		18/06/1999	18/06/1999	<b>18/06/1999</b>	23/06/1999	3.1.0
5 S	TSG-T#5 Oct 99		08/10/1999	08/10/1999	<b>08/10/1999</b>		0.0.0
5 S	TSG-T#6 Dec 99		17/12/1999	17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

GSM  
UMTS  
SMS  
CB

**Projects**

3G April 1999 Release  
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**Mandates**

**Secretariat Comments**

20/05/1999 zoicas WI created.

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTS/TSGT-0223039U

**Deliverable** TS

**Creation date:** 20/05/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminals (TSG-T);

Interface protocols for the connection of Short Message Service Centres (SMSCs) to Short Message Entities (SMEs) (3G TS 23.039 version 3.0.0)

**Edition:**

**Lead Body:** ETSI

**Cover date:**

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**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 02/08/1999

**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. The purpose of the present document is to provide a single document within which the various proprietary SMSC to SME interface standards maybe accommodated as optional implementations. As stated in GSM 03.40, the functionality of the SMSC is outside of the scope of the GSM Technical Specifications. As a result, no standardised interfaces have been specified for the connection of SMEs to the SMSC. Inthe absence of a prevailing standard, SC (Service Centre), developers have devised their own protocols which have not necessarily been based on anyexisting standards and are therefore largely incompatible with one another. It has been recognised by TC-SMG, that the development of a single

Standard at this stage, would be of little value as these proprietary standards are now in extensive use in manynetworks. TC-SMG has concluded that the publication by ETSI of the various de facto protocols, will limit the further proliferation of proprietary standardsand will benefit new SC/SME developers who may then adopt one or more of the existing protocols outlined in the present document

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		28/04/1999	28/04/1999		28/04/1999	
0 a	TB adoption of WI		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
1	Start of work		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
5 S	Transfer 03.39 from SMG to 3GPP		28/04/1999	28/04/1999		28/04/1999	
5 S	TSG-SA#3 Apr 99		28/04/1999	28/04/1999		28/04/1999	1.0.0
5 S	TSG-T#4 Jun 99		18/06/1999	18/06/1999	<b>18/06/1999</b>	23/06/1999	3.0.0
5 S	TSG-T#5 Oct 99		08/10/1999	08/10/1999	<b>08/10/1999</b>		0.0.0
5 S	TSG-T#6 Dec 99		17/12/1999	17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

GSM  
UMTS  
SMS

**Projects**

3G April 1999 Release  
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**Mandates**

**Secretariat Comments**

20/05/1999 zoicas WI created.

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTS/TSGT-0223040U

**Deliverable** TS

**Creation date:** 20/05/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminals (TSG-T);

Technical realization of the Short Message Service (SMS); Point-to-Point (PP) (3G TS 23.040 version 3.1.0)

**Edition:**

**Lead Body:** ETSI

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**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 02/08/1999

**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 point-to-point Short Message Service (SMS) of the GSM PLMN system. It defines: -the services and service elements; -the network architecture; -the Service Centre functionality; -the MSC functionality (with regard to the SMS); -the SGSN functionality (with regard to the SMS); -the routing requirements; -the protocols and protocol layering; for the Teleservices 21 and 22, as specified in the GSM 02.03. The use of radio resources for the transfer of short

messages between the MS and the MSC or the SGSN is described in GSM 04.11 "Point-to-Point Short Message Service Support on Mobile Radio Interface", and is dealt with in that specification. The network aspects of Short Message Service provision are outside the scope of this specification (i.e. the provision of network

connectivity between the PLMN subsystems). There is no technical restriction within this specification for the transfer of short messages between different PLMN's. Any such restriction is likely to be subject to

commercial arrangements and PLMN operators must make their own provision for interworking or for preventing interworking with other PLMN's as they

see fit. The required and assumed network service offered to the higher layers is defined in this specification. The Cell Broadcast Short Message Service (Teleservice 23) is a separate service, and is described in GSM 03.41 "Technical Realization of the Short Message Service - Cell Broadcast".

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		28/04/1999	28/04/1999		28/04/1999	
0 a	TB adoption of WI		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
1	Start of work		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
5 S	Transfer 03.40 from SMG to 3GPP		28/04/1999	28/04/1999		28/04/1999	
5 S	TSG-SA#3 Apr 99		28/04/1999	28/04/1999		28/04/1999	1.0.0
5 S	TSG-T#4 Jun 99		18/06/1999	18/06/1999	<b>18/06/1999</b>	23/06/1999	3.1.0
5 S	TSG-T#5 Oct 99		08/10/1999	08/10/1999	<b>08/10/1999</b>		0.0.0
5 S	TSG-T#6 Dec 99		17/12/1999	17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

GSM

UMTS

SMS

**Projects**

3G April 1999 Release

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**Mandates**

**Secretariat Comments**

20/05/1999

zoicas

WI created.

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTS/TSGT-0223042U

**Deliverable** TS

**Creation date:** 20/05/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminals (TSG-T);  
Compression algorithm for text messaging services (3G TS 23.042 version 3.0.0)

**Edition:**

**Lead Body:** ETSI

**Cover date:**

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**Database record last update:** 02/08/1999

**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.

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

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		28/04/1999	28/04/1999		28/04/1999	
0 a	TB adoption of WI		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
1	Start of work		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
5 S	Transfer 03.42 from SMG to 3GPP		28/04/1999	28/04/1999		28/04/1999	
5 S	TSG-SA#3 Apr 99		28/04/1999	28/04/1999		28/04/1999	1.0.0
5 S	TSG-T#4 Jun 99		18/06/1999	18/06/1999	<b>18/06/1999</b>	23/06/1999	3.0.0
5 S	TSG-T#5 Oct 99		08/10/1999	08/10/1999	<b>08/10/1999</b>		0.0.0
5 S	TSG-T#6 Dec 99		17/12/1999	17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

GSM  
UMTS  
SMS

**Projects**

3G April 1999 Release  
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**Mandates**

**Secretariat Comments**

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**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTS/TSGT-0223057U

**Deliverable** TS

**Creation date:** 20/05/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminals (TSG-T);

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

**Edition:**

**Lead Body:** ETSI

**Cover date:**

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**Database record last update:** 02/08/1999

**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 identifies the 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 complete service. MExE uses a number of

technologies to realise the requirements of the stage 1 description (GSM 02.57). This TS describes how the service requirements are realised with the selected technologies. The TS is devised into sections each covering the aspects relating to particular MExE technologies, it is intended that this specification will evolve along with the MExE technologies. A generic section of the specification covers areas of MExE common to all technologies.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		28/04/1999	28/04/1999		28/04/1999	
0 a	TB adoption of WI		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
1	Start of work		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
5 S	Transfer 03.57 from SMG to 3GPP		28/04/1999	28/04/1999		28/04/1999	
5 S	TSG-SA#3 Apr 99		28/04/1999	28/04/1999		28/04/1999	1.0.0
5 S	TSG-T#4 Jun 99 (MExE R98 GSM 03.57)		18/06/1999	18/06/1999	<b>18/06/1999</b>	18/06/1999	1.1.0
<b>5 S</b>	<b>TSG-T#5 Oct 99</b>		<b>08/10/1999</b>	<b>08/10/1999</b>	<b>08/10/1999</b>		<b>2.0.0</b>
5 S	TSG-T#6 Dec 99		17/12/1999	17/12/1999	<b>17/12/1999</b>		3.0.0

**Keywords**

GSM

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**Projects**

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**Mandates**

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WI created.



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**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTS/TSGT-0227005U

**Deliverable** TS

**Creation date:** 20/05/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminals (TSG-T);  
Use of DTE- DCE interface for SMS and CBS (3G TS 27.005)

**Edition:**

**Lead Body:** ETSI

**Cover date:**

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**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 03/08/1999

**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 GSM TSs describe the split of functionality between the mobile equipment and SIM.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		28/04/1999	28/04/1999		28/04/1999	
0 a	TB adoption of WI		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
1	Start of work		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
5 S	Transfer 07.05 from SMG to 3GPP		28/04/1999	28/04/1999		28/04/1999	
5 S	TSG-SA#3 Apr 99		28/04/1999	28/04/1999		28/04/1999	1.0.0
5 S	TSG-T#4 Jun 99		18/06/1999	18/06/1999	<b>18/06/1999</b>	18/06/1999	3.0.0
5 S	TSG-T#5 Oct 99		08/10/1999	08/10/1999	<b>08/10/1999</b>		0.0.0
5 S	TSG-T#6 Dec 99		17/12/1999	17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

GSM  
UMTS  
SMS  
CB

**Projects**

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**Mandates**

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20/05/1999 zoicas WI created.

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTS/TSGT-0227007U

**Deliverable** TS

**Creation date:** 20/05/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminals (TSG-T);  
AT command set for 3GPP User Equipment (UE) (3G TS 27.007)

**Edition:**

**Lead Body:** ETSI

**Cover date:**

**Rapporteur:** Novak, Lars

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**Technical editor:** Zoicas, Adrian

**Database record last update:** 03/08/1999

**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 construct these 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 easily applied to ME of networks other than GSM.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		28/04/1999	28/04/1999		28/04/1999	
0 a	TB adoption of WI		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
1	Start of work		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
5 S	Transfer 07.07 from SMG to 3GPP		28/04/1999	28/04/1999		28/04/1999	
5 S	TSG-SA#3 Apr 99		28/04/1999	28/04/1999		28/04/1999	1.0.0
5 S	TSG-T#4 Jun 99		18/06/1999	18/06/1999	<b>18/06/1999</b>	18/06/1999	3.1.0
5 S	TSG-T#5 Oct 99		08/10/1999	08/10/1999	<b>08/10/1999</b>		0.0.0
5 S	TSG-T#6 Dec 99		17/12/1999	17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

GSM

UMTS

**Projects**

3G April 1999 Release

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**Mandates**

**Secretariat Comments**

20/05/1999

zoicas

WI created.

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTS/TSGT-0227010U

**Deliverable** TS

**Creation date:** 20/05/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminals (TSG-T);

Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol (3G TS 27.010)

**Edition:**

**Lead Body:** ETSI

**Cover date:**

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**Technical editor:** Zoicas, Adrian

**Database record last update:** 03/08/1999

**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	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		28/04/1999	28/04/1999		28/04/1999	
0 a	TB adoption of WI		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
1	Start of work		28/04/1999	28/04/1999	28/04/1999	28/04/1999	
5 S	Transfer 07.10 from SMG to 3GPP		28/04/1999	28/04/1999		28/04/1999	
5 S	TSG-SA#3 Apr 99		28/04/1999	28/04/1999		28/04/1999	1.0.0
5 S	TSG-T#4 Jun 99		18/06/1999	18/06/1999	<b>18/06/1999</b>	18/06/1999	3.1.0
5 S	TSG-T#5 Oct 99		08/10/1999	08/10/1999	<b>08/10/1999</b>		0.0.0
5 S	TSG-T#6 Dec 99		17/12/1999	17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

GSM

UMTS

**Projects**

3G April 1999 Release

3G June 1999 Release

TSG T

**Mandates**

**Secretariat Comments**

20/05/1999

zoicas

WI created.

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTR/TSGT-0234907U

**Deliverable** TR

**Creation date:** 14/04/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:** 3rd Generation Mobile Telecommunications;  
 Technical Specification Group Terminal (TSG-T);  
 Electrical safety requirements and regulations (3G TR 34.907)

**Edition:**

**Lead Body:** ETSI

**Cover date:**

**Rapporteur:** Iimori, Eiji

**Tel:** +81 42 585 3345

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**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 03/08/1999

**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	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		19/03/1999	19/03/1999	<b>20/04/1999</b>	19/03/1999	0.0.0
0 a	TB adoption of WI		20/04/1999	23/04/1999	<b>20/04/1999</b>	23/04/1999	0.0.0
1	Start of work		20/04/1999	23/04/1999	<b>20/04/1999</b>	23/04/1999	0.0.0
5 S	TSG-T#3 Apr 99		23/04/1999	23/04/1999		23/04/1999	1.0.0
5 S	TSG-T#4 Jun 99		18/06/1999	18/06/1999	<b>18/06/1999</b>	18/06/1999	1.0.0
<b>5 S</b>	<b>TSG-T#5 Oct 99</b>		<b>08/10/1999</b>	<b>08/10/1999</b>	<b>08/10/1999</b>		<b>3.0.0</b>
5 S	TSG-T#6 Dec 99		17/12/1999	17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

UMTS  
 SAFETY  
 ELECTRIC  
 TERMINAL

**Projects**

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

**Mandates**

**Secretariat Comments**

10/03/1999	doig	WI reference subject to change. Estimate schedule only (to be revised)
14/04/1999	doig	WI created at T2#2. To be confirmed at TSGT#3

Printed on: 03/08/1999

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTR/TSGT-0234925U

**Deliverable** TR

**Creation date:** 11/03/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminal (TSG-T);

Specific Absorption Rate (SAR) requirements and regulations in different regions (3G TR 34.925)

**Edition:**

**Lead Body:** ETSI

**Cover date:**

**Rapporteur:** Johnsson, Sven

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**E-mail:** sven.johnsson@ecs.ericsson.se

**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 03/08/1999

**Scope and field of application:**

report on safety requirements & regulations in different regions.

Ref ARIB Vol4, chapter 4

Specific Absorption Rate (Watts/kilogram)

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		04/03/1999	04/03/1999		04/03/1999	0.0.0
0 a	TB adoption of WI		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
1	Start of work		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
5 S	TSG-T#3 Apr 99			23/04/1999		23/04/1999	3.0.0
5 S	TSG-T#4 Jun 99			18/06/1999	<b>18/06/1999</b>	18/06/1999	3.0.0
5 S	TSG-T#5 Oct 99			08/10/1999	<b>08/10/1999</b>		
5 S	TSG-T#6 Dec 99			17/12/1999	<b>17/12/1999</b>		

**Keywords**

SAR

SAFETY

TERMINAL

UMTS

**Projects**

3G April 1999 Release

3G June 1999 Release

TSG T

UMTS

**Mandates**

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

MI/TSGT-02MMS\_U

**Deliverable** MI

**Creation date:** 11/03/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminal (TSG-T);  
Messaging (Multimedia Messaging Service); Stage 2/3

**Edition:**

**Lead Body:** ETSI

**Cover date:**

**Rapporteur:** Holley, Kevin

**Tel:** +44 1473 605604

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**E-mail:** kevin.holley@bt.com

**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 11/06/1999

**Scope and field of application:**

This work item monitors:

The present document specifies the Multimedia Messaging Service stage 2/3.

- Protocols (delivery control)
- Control function between Multimedia Messaging Entities Including fragmentation of long messages
- Message Formats (Structure of the message)
- Fragmenting of messages CSAs part of the Protocols
- MS Capabilities negotiation
- As part of the Protocols e.g. Memory, Display, ....
- Signalling to update capabilities As part of the Protocols Alerting the MMSC (when MS becomes available)
- Notification ( MMSC >> MS)
- Size of message, Content-type, sender, classification of message content
- Downloading
- Downloading should support different transfer mechanisms
- Partial content downloading
- Choice of the user and the MS to download parts
- Compatibility
- To existent store and forward services e.g. SMS
- Bearer between the MS and the MMSC
- Optimise the bearer between the MS and the MMSC.
- Addressing: - As agreed in UMTS
- Charging

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		04/03/1999	04/03/1999		04/03/1999	0.0.0
0 a	TB adoption of WI		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
1	Start of work		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
5 S	TSG-T#3 Apr 99			23/04/1999		23/04/1999	0.0.0
5 S	TSG-T#4 Jun 99			18/06/1999	<b>18/06/1999</b>	18/06/1999	0.0.0
5 S	TSG-T#5 Oct 99			08/10/1999	<b>08/10/1999</b>		0.0.0
5 S	TSG-T#6 Dec 99			17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

TERMINAL  
UMTS  
MULTIMEDIA

**Projects**

TSG T  
UMTS

**Mandates**

**Secretariat Comments**

10/03/1999 doig

WI reference subject to change.

Printed on: 03/08/199

Estimate schedule only (to be revised)

Printed on: 03/08/1999

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTR/TSGT-02MmT1U

**Deliverable** TR

**Creation date:** 11/03/1999

**Standstill:**

**Technical body in charge:** 3GPP

**PT:**

**Title:**

Technical Specification Group Terminal (TSG-T);  
Multi-mode terminal issues

**Edition:**

**Lead Body:** ETSI

**Cover date:**

T

**Rapporteur:** Persson, Sofi

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**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 20/05/1999

**Scope and field of application:**

Report on work already done, and issues that need additional treatment to allow efficient multi-mode terminal implementations.

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		04/03/1999	04/03/1999		04/03/1999	0.0.0
0 a	TB adoption of WI		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
1	Start of work		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
5 S	TSG-T WG T2 Mar 99			22/03/1999	<b>22/03/1999</b>	22/03/1999	0.0.0
5 S	TSG-T WG T2 Apr 99			21/04/1999	<b>21/04/1999</b>	21/04/1999	0.0.1
5 S	TSG-T#3 Apr 99			23/04/1999	<b>23/04/1999</b>	23/04/1999	0.1.0
5 S	TSG-T#4 Jun 99			18/06/1999	<b>17/06/1999</b>	18/06/1999	0.2.0
<b>5 S</b>	<b>TSG-T#5 Oct 99</b>			<b>08/10/1999</b>	<b>08/10/1999</b>		<b>3.0.0</b>
5 S	TSG-T#6 Dec 99			17/12/1999	<b>17/12/1999</b>		

**Keywords**

MULTIMODE

TERMINAL

UMTS

**Projects**

TSG T

UMTS

**Mandates**

**Secretariat Comments**

10/03/1999 doig

WI reference subject to change.

Estimate schedule only (to be revised)



Printed on: 03/08/1999

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

MI/TSGT-02SMS\_ACB\_U

**Deliverable** MI

**Creation date:** 11/03/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminal (TSG-T);

Short Message Service (SMS) Cell Broadcast (CB); Messaging (Advanced Cell Broadcast); Stage 2/3

**Edition:**

**Lead Body:** ETSI

**Cover date:**

**Rapporteur:** Holley, Kevin

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**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 11/06/1999

**Scope and field of application:**

The present document specifies the Advanced CBS stage 2/3. SA1 will produce Stage 1.

This work item monitors:

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		04/03/1999	04/03/1999		04/03/1999	0.0.0
0 a	TB adoption of WI		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
1	Start of work		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
5 S	TSG-T#3 Apr 99			23/04/1999		23/04/1999	0.0.0
5 S	TSG-T#4 Jun 99			18/06/1999	<b>18/06/1999</b>	18/06/1999	0.0.0
5 S	TSG-T#5 Oct 99			08/10/1999	<b>08/10/1999</b>		0.0.0
5 S	TSG-T#6 Dec 99			17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

UMTS

**Projects**

TSG T

UMTS

**Mandates**

**Secretariat Comments**

10/03/1999

doig

WI reference subject to change.

Estimate schedule only (to be revised)

Printed on: 03/08/1999

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

MI/TSGT-02SMS\_CB\_U

**Deliverable** MI

**Creation date:** 11/03/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminal (TSG-T);

Short Message Service (SMS) Cell Broadcast (CB); Messaging (Cell Broadcast); Stage 2/3

**Edition:**

**Lead Body:** ETSI

**Cover date:**

**Rapporteur:** Holley, Kevin

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**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 11/06/1999

**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. SA1 will produce Stage 1.

This work item monitors:

DTS/TSGT-0223038U (TS 23.038)

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		04/03/1999	04/03/1999		04/03/1999	0.0.0
0 a	TB adoption of WI		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
1	Start of work		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
5 S	TSG-T#3 Apr 99			23/04/1999		23/04/1999	0.0.0
5 S	TSG-T#4 Jun 99			18/06/1999	<b>18/06/1999</b>	18/06/1999	0.0.0
5 S	TSG-T#5 Oct 99			08/10/1999	<b>08/10/1999</b>		0.0.0
5 S	TSG-T#6 Dec 99			17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

UMTS

**Projects**

TSG T

UMTS

**Mandates**

**Secretariat Comments**

10/03/1999 doig

WI reference subject to change.

Estimate schedule only (to be revised)

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

MI/TSGT-02SMS\_U

**Deliverable** MI

**Creation date:** 11/03/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminal (TSG-T);  
Messaging (Short Message Service (SMS)); Stage 2/3)

**Edition:**

**Lead Body:** ETSI

**Cover date:**

**Rapporteur:** Holley, Kevin

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**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 11/06/1999

**Scope and field of application:**

The present document specifies the stage 2/3 based on GSM 03.40.  
References 03.40, 04.11, 03.38, 03.39, 03.47, 03.42

This work item monitors:

DTS/TSGT-0223039U (TS 23.039)

DTS/TSGT-0223040U (TS 23.040)

DTS/TSGT-0223042U (TS 23.042)

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		04/03/1999	04/03/1999		04/03/1999	0.0.0
0 a	TB adoption of WI		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
1	Start of work		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
5 S	TSG-T#3 Apr 99			24/04/1999		24/04/1999	0.0.0
5 S	TSG-T#4 Jun 99			18/06/1999	<b>18/06/1999</b>	18/06/1999	0.0.0
5 S	TSG-T#5 Oct 99			08/10/1999	<b>08/10/1999</b>		0.0.0
5 S	TSG-T#6 Dec 99			17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

TERMINAL

UMTS

SMS

**Projects**

TSG T

UMTS

**Mandates**

**Secretariat Comments**

10/03/1999 doig

WI reference subject to change.  
Estimate schedule only (to be revised)

Printed on: 03/08/1999

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTR/TSGT-02TFPG\_U

**Deliverable** TR

**Creation date:** 11/03/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminal (TSG-T);  
Terminal features and performance (General features)

**Edition:**

**Lead Body:** ETSI

**Cover date:**

**Rapporteur:** Bishop, Craig

**Tel:** +44 1784 428 600

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**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 20/05/1999

**Scope and field of application:**

report:

- review all terminal features

- identify min set for certain applications where the application is supported

work close with TSG-SA WG1 + others, see TD T2-99038

Ref ARIB Vol4, chapter 2.1

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		04/03/1999	04/03/1999		04/03/1999	0.0.0
0 a	TB adoption of WI		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
1	Start of work		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
5 S	TSG-T#3 Apr 99					23/04/1999	0.0.0
5 S	TSG-T#4 Jun 99				<b>18/06/1999</b>	18/06/1999	0.0.0
<b>5 S</b>	<b>TSG-T#5 Oct 99</b>				<b>08/10/1999</b>		<b>2.0.0</b>
5 S	TSG-T#6 Dec 99				<b>17/12/1999</b>		3.0.0

**Keywords**

UMTS

**Projects**

TSG T

UMTS

**Mandates**

**Secretariat Comments**

10/03/1999 doig

WI reference subject to change.

Estimate schedule only (to be revised)

Printed on: 03/08/1999

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

MI/TSGT-02TI\_AAT\_U

**Deliverable** MI

**Creation date:** 10/03/1999

**Standstill:**

**Technical body in charge:** 3GPP

**PT:**

**Title:**

Technical Specification Group Terminal (TSG-T);  
Terminal interfaces (Alternatives to AT commands)

**Edition:**

**Lead Body:** ETSI

**Cover date:**

T

**Rapporteur:** Holley, Kevin

**Tel:** +44 1473 605604

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**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 11/06/1999

**Scope and field of application:**

Report on options

This work item monitors:

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		04/03/1999	04/03/1999		04/03/1999	0.0.0
0 a	TB adoption of WI		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
1	Start of work		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
5 S	TSG-T#3 Apr 99			23/04/1999		23/04/1999	0.0.0
5 S	TSG-T#4 Jun 99			18/06/1999	<b>18/06/1999</b>	18/06/1999	0.0.0
5 S	TSG-T#5 Oct 99			08/10/1999	<b>08/10/1999</b>		0.0.0
5 S	TSG-T#6 Dec 99			17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

UMTS

**Projects**

TSG T

UMTS

**Mandates**

**Secretariat Comments**

10/03/1999 doig

WI reference subject to change.

Estimate schedule only (to be revised)

14/04/1999 doig

Responsibility for this document is NTT DoCoM

Printed on: 03/08/1999

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

MI/TSGT-02TI\_AT\_U

**Deliverable** MI

**Creation date:** 10/03/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminal (TSG-T);  
Terminal interfaces (AT commands for 3GPP)

**Edition:**

**Lead Body:** ETSI

**Cover date:**

**Rapporteur:** Holley, Kevin

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**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 11/06/1999

**Scope and field of application:**

list of AT commands, structure based on ETSI 07.07 incl. SMS. References: ETSI 04.02, 07.07. ARIB Vol.4, Ch.8

This work item monitors:

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		04/03/1999	04/03/1999		04/03/1999	0.0.0
0 a	TB adoption of WI		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
1	Start of work		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
5 S	TSG-T#3 Apr 99			23/04/1999		23/04/1999	0.0.0
5 S	TSG-T#4 Jun 99			18/06/1999	<b>18/06/1999</b>	18/06/1999	0.0.0
5 S	TSG-T#5 Oct 99			08/10/1999	<b>08/10/1999</b>		0.0.0
5 S	TSG-T#6 Dec 99			17/12/1999	<b>17/12/1999</b>		0.0.0

**Keywords**

TERMINAL

UMTS

**Projects**

TSG T

UMTS

**Mandates**

**Secretariat Comments**

10/03/1999 doig

WI reference subject to change.  
Estimate schedule only (to be revised)

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTR/TSGT-02TI\_OAP\_U

**Deliverable** TR

**Creation date:** 10/03/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminal (TSG-T);  
Terminal interfaces; synchronisation and object exchange

**Edition:**

**Lead Body:** ETSI

**Cover date:**

**Rapporteur:** Holley, Kevin

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**Technical editor:** Rodermund, Friedhelm

**Database record last update:** 20/05/1999

**Scope and field of application:**

Report identifying applications not covered elsewhere + and propose method of handling in WG2

Reference: ETSI 04.02, 07.08. ARIB Vol.4, Ch.8

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		04/03/1999	04/03/1999		04/03/1999	0.0.0
0 a	TB adoption of WI		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
1	Start of work		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
5 S	TSG-T#3 Apr 99					23/04/1999	0.0.0
5 S	TSG-T#4 Jun 99				<b>18/06/1999</b>	18/06/1999	0.0.0
<b>5 S</b>	<b>TSG-T#5 Oct 99</b>				<b>08/10/1999</b>		<b>2.0.0</b>
5 S	TSG-T#6 Dec 99				<b>17/12/1999</b>		3.0.0

**Keywords**

UMTS

**Projects**

TSG T

UMTS

**Mandates**

**Secretariat Comments**

10/03/1999 doig

WI reference subject to change.

Estimate schedule only (to be revised)

14/04/1999 doig

The title of this document changed to synchronisation and object exchange.

It shall be based on IrMC 1.1

Missing editor and responsible

**ETSI WORK PROGRAM (EWP)**

**Work Item Reference:**

DTR/TSGT-02TI\_P\_U

**Deliverable** TR

**Creation date:** 10/03/1999

**Standstill:**

**Technical body in charge:** 3GPP T

**PT:**

**Title:**

Technical Specification Group Terminal (TSG-T);  
Terminal interfaces (physical interface)

**Edition:**

**Lead Body:** ETSI

**Cover date:**

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**Scope and field of application:**

Report on options. References: ETSI 04.02, 07.10. ARIB Vol.4, Ch.8

Status	Phase	Action	Original	Review	Target	Achieved	Version
0	Creation of WI by WG/TB		04/03/1999	04/03/1999		04/03/1999	0.0.0
0 a	TB adoption of WI		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
1	Start of work		04/03/1999	04/03/1999	04/03/1999	04/03/1999	0.0.0
5 S	TSG-T#3 Apr 99					23/04/1999	0.0.1
5 S	TSG-T#4 Jun 99				<b>18/06/1999</b>	18/06/1999	0.0.0
<b>5 S</b>	<b>TSG-T#5 Oct 99</b>				<b>08/10/1999</b>		<b>2.0.0</b>
5 S	TSG-T#6 Dec 99				<b>17/12/1999</b>		3.0.0

**Keywords**

UMTS

**Projects**

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**Mandates**

**Secretariat Comments**

10/03/1999 doig

WI reference subject to change.

Estimate schedule only (to be revised)

14/04/1999 doig

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