CHANGE REQUEST No :	**A003r3**	*Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.*

Technical Specification GSM / UMTS: 22.100   Version   23.01.0

Submitted to TSG #4 SAMG *list plenary meeting or STC here ↑*	for approval	**X**	without presentation ("non-strategic")	**X**
	for information		with presentation ("strategic")	**X**

PT SMG CR cover form. Filename: crf26_3.doc

Proposed change affects: SIM **X**   ME **X**   Network **X**
(at least one should be marked with an X)

Work item: GSM evolved network requirements to 3GPP from TTC

Source: S1   **Date:** 101 May, 1999

Subject: Addition of new sub section for requirements on emergency call

Category:				**Release:**	
	F	Correction		Phase 2	
	A	Corresponds to a correction in an earlier release		Release 96	
(one category	B	Addition of feature	**X**	Release 97	
and one release	C	Functional modification of feature		Release 98	
only shall be	D	Editorial modification		Release 99	
Marked with an X)				UMTS	**X**

Reason for change: At present, 22.100 does not describe the operation of emergency calls except by reference to GSM 02.03. The ability to determine the emergency code dialled by the user is supported, to allow the differentiation of emergency services, should this be required in some markets. ~~The destination of emergency call is different for police station or fire brigade, using two different numbers in Japan (i.e. *110* for police and *119* for fire brigade). It is required to support the capability to identify of emergency call for police or fire brigade in call/connection control.~~

Clauses affected: New clause 5.3x

Other specs Affected:			
	Other releases of same spec		→ List of CRs:
	Other core specifications		→ List of CRs:
	MS test specifications / TBRs		→ List of CRs:
	BSS test specifications		→ List of CRs:
	O&M specifications		→ List of CRs:

Other comments:

help.doc

_____ <--------- double-click here for help and instructions on how to create a CR.

5.2. Bearer services

UMTS phase 1 shall support GSM phase 2+ Release '99 data bearer services :

*Circuit switched data***:** Circuit switched data services and "real time" data services shall be provided for interworking with the PSTN/ISDN so that the user is unaware of the access network used (UMTS and GSM access network or handover between access networks). Both transparent (constant delay) and non-transparent (zero error with flow control) services shall be supported. These data services shall operate with minimum loss of data on handover between the GSM access network and the UTRAN.

Packet switched data: Packet switched data services shall be provided for interworking with packet networks such as IP-networks and LANs. The standard shall provide mechanisms which ensure the continuity of packet based services upon handover e.g. between GSM and UMTS.

5.3 Emergency call

UMTS shall support an emergency call teleservice as defined in GSM 02.03 and support the following service requirements:

- It shall be possible to identify a particular speech call as an emergency call to the serving network. This may be based on one or more numbers stored in the USIM ECC field and/or UE or otherwise. It may be possible for these numbers to be preset by the UE manufacturer, Home Environment or the user.

- It shall be possible to initiate an emergency call whether or not even if the USIM is not present, but (although in this case one or more a default emergency numbers may will be required to be stored in the UE (as above).

- It shall be possible for the serving network to obtain the number the user has input and route the call appropriately, (in particular when there is a choice of emergency numbers supporting different services. However, this choice may be irrelevant when a serving network that supports only one emergency call centre may ignore the user's selection of destination).

When the USIM is present:

- It shall be possible to select from at least two optional numbers for the emergency call (i.e. police station, fire brigade etc. in the countries/regions where more than one emergency destination is provided).

When no USIM is present at least the GSM default emergency number(s) will be supported, the possiblity to support other numbers is for further study.

ETSI