Technical Specification Group Services and System Aspects

TSG S#3 (99) 104

SA Meeting #3, Yokohama, Japan 26-28 April 1999

Source: **S1**

Title: **CRs affecting TS 22.01, Service aspects; Service principles**

Document for: **Approval**

Agenda Item: **5.1**

S1_DoC	SPEC	PH	CR	R	SUBJECT	S1 Stat	REMARK	VERS	C	NE	STR	WORKITEM	SA#3
S1-99202	22.01	R99	A016		Control of supplementary services (GSM 02.04), may use MMI procedures specified in GSM 02.30 and existing GSM MMI related MS features (GSM 02.07) may also be used.	Agreed		3.4.0	B	3.5.0	No	UMTS Services	
S1-99219	22.01	R99	A017		Adding a sub-section on Emergency Call handling and addressing the possibility of having more than one Emergency number.	Agreed		3.4.0	C	3.5.0	**No**	UMTS Services	

TSG-SA Working Group 1 (Services) meeting #2
Edinburgh, UK, 9th - 12th March 1999

CHANGE REQUEST No : A016 *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: 22.01 Version 3.4.0

Submitted to SMG *list plenary meeting or STC here ↑* | for approval X | for information | without presentation ("non-strategic") X | With presentation ("strategic")

PT SMG CR cover form. Filename: crf26_3.doc

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

Work item: UMTS 22.01

Source: TSG SA WG1 meeting #2 **Date:** 11 March, 1999

Subject: Recommended Handling of features included in 02.07 and 02.30

Category: *(one category and one release only shall be marked with an X)*

F	Correction		Phase 2	
A	Corresponds to a correction in an earlier release		Release 96	
B	Addition of feature	X	Release 97	
C	Functional modification of feature		Release 98	
D	Editorial modification		Release 99	
			UMTS	X

Reason for change: References to certain 02.07 and 02.30 features were determined as highly desirable for uniform UMTS UE implementation.

Clauses affected: 10 Human Factors and user procedures

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.

10 Human Factors and user procedures

As defined in the Service Provision Concepts subclause of this ETS the UMTS system should meet future communication requirements and shall be designed to be adaptable to provide new services as and when they are defined.
The User Interface (MMI) from the end user's point of view should be as flexible as possible while still meeting the general service requirements of UMTS. In addition it should be capable of being updated so as to meet new services which are still to be envisaged.
In general the following principles should be encompassed:

- activation of UMTS services should be as simple as possible with minimum input expected from the user;
- feedback, to the user from the various UMTS services, should be meaningful;
- any error recovery procedures provided should be simple to understand and execute.

However, a detailed specification for the User Interface shall not be defined. In particular given the global nature of the third generation systems, for different regions of the world, different criteria will determine the implementation of the User Interface. Also it is unlikely that there will be a single common handset which will meet all the service requirements of UMTS and therefore a common User Interface would be impractical.
Given the flexibility of the UMTS services, there should be a wide range of User Interface possibilities. These possibilities include simple terminals with a single on/off button through to complex terminals providing support to hearing/visually impaired users.

Control of ~~Existing GSM~~ supplementary services (GSM 02.04), may use MMI procedures ~~as~~ specified in GSM 02.30 and existing GSM MMI related MS features (GSM 02.07) may also be used. In particular the following features are highly desirable for uniform UMTS UE implementation where appropriate:

- Mapping of numeric keys to European alphabetic keys to ensure compatible mnemonic dialing as defined in 02.30,
- "+" key function to enable one key international access as defined in 02.07
- Structure of the MMI as described in GSM 02.30
- Presentation of IMEI (International Mobile Equipment Identity) as defined in 02.30

TSG-SA Working Group 1 (Services) meeting #2
Edinburgh, Scotland
9th-12th March 1999

CHANGE REQUEST No : A017 *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: 22.01 Version 3.4.0

Submitted to SMG *list plenary meeting or STC here ↑* | for approval: | X | for information: | | without presentation ("non-strategic"): | | with presentation ("strategic"): | X |

PT SMG CR cover form. Filename: crf26_3.doc

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

Work item: Maintaining Service Principles Specification

Source: Rapporteur **Date:** 12 Feb., 1999

Subject: Modification of section for requirements on emergency call to align with requirements agreed for R'99 in 22.00

Category: *(one category and one release only shall be Marked with an X)*

F	Correction	
A	Corresponds to a correction in an earlier release	
B	Addition of feature	
C	Functional modification of feature	X
D	Editorial modification	

Release:

Phase 2	
Release 96	
Release 97	
Release 98	
Release 99	
UMTS	X

Reason for change: To provide capability for supporting more than one emergency number for use in those countries where different emergency services use different numbers

Clauses affected: 8.4

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.

8.4 Emergency calls

A UMTS terminal capable of making emergency calls shall be able to do so when there is no UICC physically present. The terminal shall be responsible for ensuring that only emergency numbers are attempted when no UICC is present to prevent the misuse of network resources. It will be left to the national authorities to decide whether the network should accept such calls. In addition networks may also validate that only emergency calls are accepted when no UICC is inserted in the terminal.

The UMTS emergency call teleservice shall meet the following service requirements:

- It shall be possible to identify a particular speech call as an emergency call to the serving network.
- It shall be possible to initiate an emergency call whether or not the UICC is present (although in this case a default emergency number may be required).
- It shall be possible for the serving network to obtain the number the user has input and route the call appropriately (in particular a serving network that supports one emergency call centre may ignore the user's selection of destination).

When the UICC 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 UICC is present at least the GSM default emergency number(s) will be supported, the possiblity to support other numbers is for further study.