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

PT SMG CR cover form. Filename: crf26_3.doc

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

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:	F Correction		**Release:**	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:	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