

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

Technical Specification / Report UMTS  Version:

Submitted to  for approval  without presentation ("non-strategic")   
TSG\_SA  for information  with presentation ("strategic")   
list TSG plenary meeting no. here ↑

PT SMG CR cover form is available from: [http://docbox.etsi.org/tech-org/smg/Document/smg/tools/CR\\_form/crf28\\_1.zip](http://docbox.etsi.org/tech-org/smg/Document/smg/tools/CR_form/crf28_1.zip)

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

**Work item:** UMTS Phase 1 Release 99 requirements

**Source:** Rapporteur of 22.100 **Date:** May 12, 1999

**Subject:** SMS requirements for Release 99.

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

**Reason for change:** To reflect the view of TSG T WG2 which is that for Release 99 SMS specifications are based on the current GSM SMS specifications.

**Clauses affected:** section 6.1

**Other specs affected:**

Other releases of same spec	<input type="checkbox"/>	→ List of CRs:	<input type="text"/>
Other core specifications	<input type="checkbox"/>	→ List of CRs:	<input type="text"/>
MS test specifications / TBRs	<input type="checkbox"/>	→ List of CRs:	<input type="text"/>
BSS test specifications	<input type="checkbox"/>	→ List of CRs:	<input type="text"/>
O&M specifications	<input type="checkbox"/>	→ List of CRs:	<input type="text"/>

**Other comments:**



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

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## 6 Services

UMTS phase 1 will enable the introduction of a range of new services (e.g. Internet services and Multimedia) and applications with the concept of service capabilities. The service capabilities are bearer services defined by parameters (e.g. QoS attributes) and mechanisms needed to realise services.

### 6.1 Teleservices and supplementary services

UMTS phase 1 shall at least support the following GSM teleservices currently handled by GSM : speech, emergency call and SMS. UMTS phase 1 shall support these teleservices as stated below :

**Speech:** A default speech codec shall be specified to provide speech service across the UTRAN and GSM access networks. The selected speech codec shall operate with no discernible loss of speech on handover between the GSM access network and the UTRAN.

**Short Message Service-Point to Point (SMS-PP):** A short message service point to point shall be provided seamlessly (as far as the user or the users terminal equipment is concerned) across the UMTS and GSM access network. ~~Additional features are planned for SMS in Release 99.~~

**Short Message Service-Cell Broadcast (SMS-CB):** A short message service cell broadcast shall be provided seamlessly (as far as the user or the users terminal equipment is concerned) across the UMTS and GSM network.

**Supplementary Services :** The standard shall support GSM Release '99 supplementary services. The control of such supplementary services shall be the same as for GSM, from the user's perspective.

**FAX:** Transfer of data to/from facsimile machines in the PSTN/ISDN should be supported seamlessly (as far as the user or the user's terminal is concerned) across the UMTS and GSM access network. UMTS will optionally support real time non-transparent fax service. Alternatively, a store and forward service is envisaged where some kind of file transfer program is used to transfer text or images to a store and forward unit for subsequent delivery to the facsimile machine in the PSTN/ISDN. The user (or the users PC) may receive notification of successful delivery of the fax.