Technical Specification Group Services and System Aspects
Meeting #12, Stockholm, Sweden, 18-21 June 2001

TSGS#12(01)0242

Source: **SA1**

Title: **CRs to 22.003 and 22.100 on Fax for R99**

Document for: **Approval**

Agenda Item: **7.1.3**

Spec	CR	Rev	Phase	Cat	Subject	Version-Current	Version-New	Doc-2nd-Level
22.003	005		R99	F	Correction of applicability of Fax in R99	3.2.0	3.3.0	S1-010272
22.100	030		R99	F	Request for clarification on the fax service in UMTS R99	3.6.0	3.7.0	S1-010561

3GPP TSG-SA WG1 Meeting #12
Helsinki, Finland, 7-11 May, 2000

Tdoc S1-010272

CR-Form-v3

CHANGE REQUEST

⌘ **22.003** **CR** **005** ⌘ rev **-** ⌘ Current version: **3.2.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: ⌘ (U)SIM ☐ ME/UE ☐ Radio Access Network ☐ Core Network ☐

Title:	⌘	Correction of applicability of Fax in R99
Source:	⌘	SA1
Work item code:	⌘	FAX
Date:	⌘	11 May 2001
Category:	⌘	**F**
Release:	⌘	R99

Use one of the following categories:
- ***F*** *(essential correction)*
- ***A*** *(corresponds to a correction in an earlier release)*
- ***B*** *(Addition of feature),*
- ***C*** *(Functional modification of feature)*
- ***D*** *(Editorial modification)*

Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
REL-4	*(Release 4)*
REL-5	*(Release 5)*

Reason for change:	⌘	22.003 implies that fax is applicable to GERAN and UTRAN in R99
Summary of change:	⌘	Note to indicate Fax services apply to GERAN only.
Consequences if not approved:	⌘	Specification is incorrect and misleading.

Clauses affected:	⌘	5
Other specs affected:	⌘	☐ Other core specifications ⌘ ☐ Test specifications ☐ O&M Specifications
Other comments:	⌘	Note a corresponding change is not required for Rel-4 as the text has already been inserted (22.003-004r1).

How to create CRs using this form:
Comprehensive information and tips about how to create CRs can be found at:
http://www.3gpp.org/3G_Specs/CRs.htm. Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://www.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2000-09 contains the specifications resulting from the September 2000 TSG meetings.
3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

3G TS 22.003 V3.2.0 (2000-03)

Technical Specification

3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Circuit Teleservices supported by a Public Land Mobile Network (PLMN) (Release 1999)

5 Bearer capabilities supporting teleservices

According to specification TS 22.001 [2] the Bearer Capability defines the technical features of a Teleservice as they appear to the user at the customer access point or an appropriate interface of a fixed network. The Bearer Capability is characterized by information transfer, access and interworking attributes. The same set of attributes as for a Bearer Service is used. A Bearer Capability is associated with every Teleservice.

Table 2: Teleservice categories and Teleservices

Dominant attribute	**Category of teleservice**		**Individual Teleservice**		
Type of user in- formation	No	Name	No	Name	
Speech	1	Speech trans- mission	11 12	Telephony Emergency Calls	
Short message	2	Short message service	21 22 23	Short message MT/PP Short message MO/PP Cell Broadcast Service	
Facsimile[1]	6	Facsimile trans - mission	61	Alternate speech and facsimile group 3	T NT
			62	Automatic Facsimile group 3	T NT
Speech	9	Voice Group service	91 92	Voice Group Call Service Voice Broadcast Service	

Note 1: The facsimile services apply to GERAN only.

TSG-SA WG 1 (Services) meeting #12
Helsinki, Finland, 7-11 May 2001

TSG S1 (01)0561
Agenda Item: a.b

CR-Form-v3

CHANGE REQUEST

⌘ **22.100** **CR** **030** ⌘ rev **-** ⌘ Current version: **3.6.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: ⌘ (U)SIM ☐ ME/UE **X** Radio Access Network ☐ Core Network **X**

Title:	⌘	Removal of support of facsimile teleservice from UMTS R99 specifications
Source:	⌘	SA1
Work item code:	⌘	FAX
Date:	⌘	10 – May – 2001
Category:	⌘	**F**
Release:	⌘	R99

Use one of the following categories:
F *(essential correction)*
A *(corresponds to a correction in an earlier release)*
B *(Addition of feature),*
C *(Functional modification of feature)*
D *(Editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
REL-4 (Release 4)
REL-5 (Release 5)

Reason for change:	⌘	The Facsimile Teleservice currently specified in clause 6.2 is not offered in UMTS R99 and it is then necessary to remove the stage 1 description of this teleservice.
Summary of change:	⌘	The clause describing the service requirements for the facsimile teleservice is removed from the stage 1 specifications of UMTS Release 99
Consequences if not approved:	⌘	Stage 1 description of the service capabilities of UMTS R99 are not consistent with the service capabilities available.

Clauses affected:	⌘	6.2
Other specs affected:	⌘	☐ Other core specifications ⌘ ☐ Test specifications ☐ O&M Specifications
Other comments:	⌘	

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2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://www.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2000-09 contains the specifications resulting from the September 2000 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

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.

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.

6.2 <VOID>~~Facsimile service~~

~~The UMTS standards shall insure that both of the services described below may be provided. The operator may then select either none, one or both services depending on the market needs. The fax service shall inter-work with existing fax technology.~~

~~6.2.1 Store-and-Forward~~

~~A UMTS store-and-forward fax service, where a file or message transfer program is used to transfer text or images from a mobile terminal to a store and forward unit for subsequent delivery to the facsimile machine in the PSTN/ISDN, shall be standardised. The user (or the user's PC) may receive notification of successful delivery of the fax. Fax messages from PSTN/ISDN to mobile terminals are stored in a store-and-forward unit. The user retrieves the fax message with a file or message transfer program from the store-and-forward unit. The mobile terminal may be notified that a fax message is available.~~

~~6.2.2 End-to-End~~

~~A UMTS fax service using an end-to-end fax session between a PSTN/ISDN fax machine and a mobile terminal shall be standardised. This service shall work end-to-end such that a sender on the PSTN is aware of whether or not the fax has succeeded, and such that a mobile sender is aware of whether or not the fax has succeeded. From the user perspective the end-to-end fax service must look and feel like a T.30 based fax service. The end-to-end service may work with ordinary T.30 based fax machines at the mobile end using a mobile fax adapter [7][8] with a modem that terminates the analogue 2-wire connection from the fax machine.~~

6.3. Bearer services