

CR-Form v7

CHANGE REQUEST

01.01 CR 010 rev - Current version: 8.7.0

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

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	☞ List of R99 work items		
Source:	☞ MCC (mailto:john.meredith@etsi.org)		
Work item code:	☞ TEI	Date:	☞ 08/12/2002
Category:	☞ F	Release:	☞ R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2	(GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R96	(Release 1996)
	B (addition of feature),	R97	(Release 1997)
	C (functional modification of feature)	R98	(Release 1998)
	D (editorial modification)	R99	(Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	☞ Clause concerned has not been updated since R99 contents was frozen.
Summary of change:	☞ Elimination of work items not relevant to GERAN-based systems. Removal of obsolete WG information and of Release information originally used for planning purposes.
Consequences if not approved:	☞ Confusion over Release contents.

Clauses affected:	☞ 5										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;">☐</td> <td style="padding: 2px;">X</td> </tr> <tr> <td style="padding: 2px;">☐</td> <td style="padding: 2px;">X</td> </tr> <tr> <td style="padding: 2px;">☐</td> <td style="padding: 2px;">X</td> </tr> </table>	Y	N	☐	X	☐	X	☐	X	Other core specifications	☞
	Y	N									
	☐	X									
☐	X										
☐	X										
		Test specifications									
		O&M Specifications									
Other comments:	☞										

5 Content of GSM Release 1999

5.1 GSM only Work Areas

WI Title	Prime resp SIC	Rel
BSS co-ordination of Radio Resource allocation for class A GPRS services - GSM Radio Access	SMG02	99
Enhanced Data rates for GSM Evolution (EDGE) - BSS	SMG02	99
General Packet Radio Service Phase 2 (GPRS) - radio part	SMG02	99
GSM on 400 MHz Frequency Band	SMG02	99
BSS co-ordination of Core Network Resource allocation for class A GPRS services -GSM-UMTS Core Network	SMG12	99

5.2 Common GSM/3G Work Areas

5.2.1 Work areas related to ~~the~~ services

WI Title	Prime responsible STC	Rel
Advanced Addressing	SMG01	99
Automatic Establishment of Roaming Relations	SMG01	99
CAMEL Phase 3	SMG01	99
Follow Me	SMG01	99
GSM Mobile Number Portability EURO MNP	SMG01	98
Service Continuity and Provision of VHE via GSM/UMTS	SMG01	99
UMTS Charging & Billing	SMG01	99
UMTS Numbering, Addressing and Identities	SMG01	99
Virtual Home Environment	SMG01	99
Unstructured Supplementary Service Data (USSD) enhancements	SMG01 and TSG-N	99
MS and Network Resident Execution Environments (MS/N-RExE)	SMG01	99

5.2.2 Work areas related to the system architecture

WI Title	Prime responsible STC	Rel
Enhanced QoS Support in GPRS	S2	99
IP-in-IP tunneling in GPRS backbone for UMTS, phase 1	S2	99
UMTS Open Service Architecture	S2	99
Architecture of the GSM/UMTS Platform	S2/SMG12	99
Architecture overview of the GSM/UMTS System	S2/SMG12	99
End-to-End UMTS QoS Management	S2/SMG12	99
Multimedia in UMTS	S2/SMG12	99
Provision of text telephony service in GSM and UMTS	S2/SMG12	99
Study on Combined GSM and Mobile IP Mobility Handling in UMTS IP CN	S2/SMG12	99
Support for real time services in the Packet domain for GSM/GPRS/UMTS R99	S2/SMG12	99
UMTS Core based on ATM Transport	S2/SMG12	99
Location Services (LCS) for R99	S2	99
Support of non-realtime Multimedia Messaging Service	SMG04 / S2	99

5.2.3 Work areas related to ~~the~~ security

WI Title	Prime responsible STC	Rel
Fraud Information Gathering System applied to GPRS	SMG10	99
Immediate Service Termination (IST) : CAMEL free solution	SMG10	99
SS7 Security	SMG10	99

5.2.4 Work areas related to the codec

WI Title	Prime responsible STC	Rel
3G audio-visual terminal characteristics	S4	99
Codec for Low Bitrate Multimedia Telephony Service	S4	99
Mandatory Speech Codec for Narrowband Telephony Service	S4	99
AMR - Adaptive Multi-Rate codec (GSM 10.70)	S42	98
QoS for Speech and Multimedia Codec	S4	99
Tandem free operation in 3G systems and between 2G and 3G systems	S4	98

5.2.5 Work areas related to ~~the~~ network management

WI Title	Prime responsible STC	Rel
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3G charging management	S5	99
3G system configuration management	S5	99
3G system fault management	S5	99
3G system performance management	S5	99
Charging and Billing for GPRS – Advice of Charge	SMG06	99
Charging and Billing for GPRS – Hot Billing	SMG06	99
Charging and Billing for GPRS – Pre-Paid	SMG06	99

5.2.6 Work areas related to the core network specification

Concerning N1 (layer MM/CM/SM) ~~(SMG3A at SMG)~~

WI Title	Prime responsible STG	Rel
Pre-paging	N4	99
Turbo-Charger: Feasibility Study	N4	99
Unstructured Supplementary Service Data (USSD) enhancements	S1 / SMG01 and TSC-N	99
General Packet Radio Service Phase 2 (GPRS) - network part	SMG03	99
Tandem Free Operation of speech codecs in Mobile-to-Mobile Calls (MMCs) in band (including AMR)	SMG02 and SMG-11	98
Tandem Free Operation of speech codecs in Mobile-to-Mobile Calls (MMCs) : out-band	SMG03	99
Access to ISPs and Intranets in GPRS Phase 2 – Separation of GPRS Bearer Establishment and ISP Service Environment Setup	SMG03 / N	98 or 99

Concerning N2 (Camel) ~~(SMG3C at SMG)~~

None

Concerning N3 (Interworking with external networks) ~~(SMG3D at SMG)~~

WI Title	Prime responsible STC	Rel
Enhanced Data rates for GSM Evolution (EDGE) - NSS	N3/SMG03	99

5.2.7 Work areas related to the testing of the MS

WI Title	Prime responsible STC	Rel
MS Protocol/RF/EMC conformance specification	SMG7	99

5.2.8 Work areas related to the data

WI Title	Prime responsible STC	Rel
SMS Advanced Cell Broadcast	T2	99
SMS Cell Broadcast	T2	99
Messaging (Multimedia Messaging Service); Stage 2/3	T2	99
Messaging (Short Message Service (SMS); Stage 2/3	T2	99
Terminal interfaces (Alternatives to AT commands)	T2	99
Terminal interfaces (AT commands for 3GPP)	T2	99
Access to ISPs and Intranets in GPRS Phase 2 – Wireless/Remote Access to LANs	SMG03	99
Connecting an octet stream to a port on an Internet host	SMG03	98
GPRS Mobile IP Interworking	SMG03	99
Mobile Station Execution Environment (MExE)	SMG03	98-99
Modem and ISDN interworking for GPRS	SMG03	98
Study on provision of facsimile services in GSM and UMTS	SMG03	99
Unstructured octet stream GPRS PDP Type	SMG03	98
Access to ISPs and Intranets in GPRS Phase 2 – Separation of GPRS Bearer Establishment and ISP Service Environment Setup	SMG03/N	98 or 99
Support of non-realtime Multimedia Messaging Service	SMG03/S2	99
GPRS – Point-To-Multipoint Services	SMG03	99

5.2.9 Work areas related to the User Card

WI Title	Prime responsible STC	Rel
Specification of administrative commands and functions for IC cards	T	99
WAP WAE User Agent / SIM toolkit interworking	T	99
GSM-API for SIM-Toolkit	SMG09	98
Specification of a bearer independent protocol for SAT applications to exchange data over the GSM network	SMG09	99
SIM toolkit test specification	SMG09	99
Generic Logical and Physical specification for IC card and terminal interface	SMG09	99
Specification of administrative commands and functions for IC cards	SMG09	99

5.2.10 Work areas related to the access network**Concerning the testing of the BSS ~~(RAN4 at 3GPP, SMG2C at SMG)~~**

None

Concerning all the other groups

None

5.2.11 Work areas handled by other groups

WI Title	Prime responsible STC	Rel
Location Services (LCS)	T1P1	98
EDGE Compact	SMG02	99
support for EGPRS in ANSI-136 networks	SMG02	99

5.3 Release 99 work areas impacting other systems

None