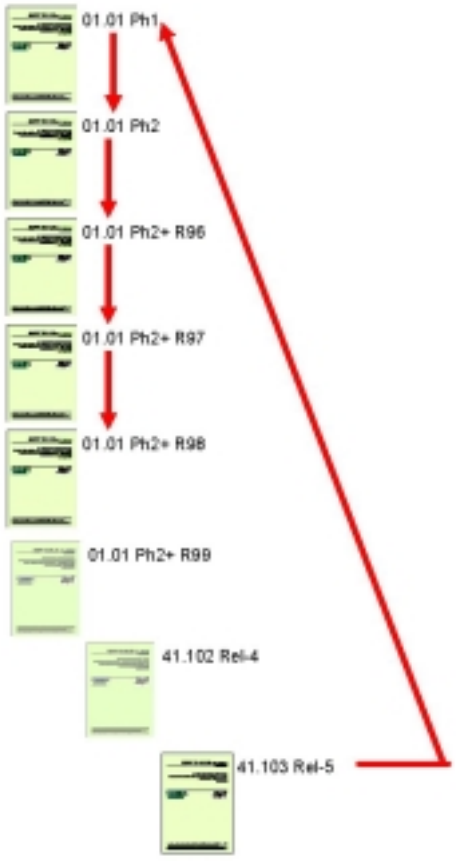
3GPP TSG-SA ***Tdoc SP-030228***
Meeting #20, Hämeenlinna (Finland), June 2003

Source:	**MCC**
	mailto:john.meredith@etsi.fr
Title:	**CRs to 41.103 and 01.01**
Document for:	**information**

These CRs create versions of 3GPP TS 01.01 pertaining to earlier Releases of the GSM specification sets. (This was requested by TSG SA at its 19th meeting.)

The rather unusual procedure is as follows:



1) CRs 004 and 005 to 41.103 create 01.01 Phase 1; CR 004 makes generic changes whilst CR005 replaces the list of specs. The starting point of 41.103 Rel-5 was chosen (rather than 01.01 R99) on the grounds that the latest version of the spec concerned should always be used as the basis of CRs to create the next Release. (Even though, in this case, it is the *first* Release which is being created rather than the *next* one!) Effectively, 41.103 is the latest in the continuing series of specs 01.01, 41.102, 41.103.

2) Assuming that the above CRs have been approved and implemented, the resulting 01.01 Phase 1 is then taken as the basis for a CR to create the Phase 2 version.

Note that the only change from Phase 1 to Phase 2 is to the list of specs. It would have been more regular to have created the Phase 2 spec by writing a CR to 41.103. However, this approach would not have shown the changes in the list of specs from Phase 1 to Phase 2, which is the whole objective of the exercise. Hence the rather non-standard procedure.

3) Assuming that the CRs creating 01.01 Phase 2 have been approved and implemented, the resulting Phase 2 spec is then taken as the basis for a CR to create the Phase 2+ Release 96 version.

4) Analogous steps create the R97 version from the R96 version, and then the R98 version from the R97 version.

The CRs are tabulated on the next page.

TSG Doc	Spec	CR	Rev	Rel	Subject	Cat	Version written to	Version resulting	WG Doc	Work Item
SP-030228	41.103	004	1	1	Back formation of TS 01.01 for GSM Phase 1 – generic part	F	5.3.0	01.01 3.0.0		TEI
SP-030228	41.103	005	-	1	Back formation of TS 01.01 for GSM Phase 1 – list of specs	F	5.3.0	01.01 3.0.0		TEI
SP-030228	01.01	012	-	2	Update of list of specs for next Release	F	3.0.0	4.0.0		TEI
SP-030228	01.01	013	-	R96	Update of list of specs for next Release	F	4.0.0	5.0.0		TEI
SP-030228	01.01	014	-	R97	Update of list of specs for next Release	F	5.0.0	6.0.0		TEI
SP-030228	01.01	015	-	R98	Update of list of specs for next Release	F	6.0.0	7.0.0		TEI

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CHANGE REQUEST

⌘ **41.103** **CR** **004** ⌘**rev** **1** ⌘ Current version: **5.3.0** ⌘

*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:	⌘	Back formation of TS 01.01 for GSM Phase 1 – generic part
Source:	⌘	MCC (Specifications Manager)
Work item code:	⌘	TEI
Date:	⌘	10/06/2003
Category:	⌘	**F**
Release:	⌘	1

Use one of the following categories:
F *(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)*
Rel-6	*(Release 6)*

Reason for change:	⌘	Retrospective creation of definitive specs list for GSM Phase 1
Summary of change:	⌘	New Release of spec created, to be numbered TS 01.01 (old GSM numbering scheme). This CR shows generic changes required. The list of specs is contained in CR 005.
Consequences if not approved:	⌘	Doubt over which specs are valid for this Release

Clauses affected:	⌘	All			
Other specs affected:	⌘	**Y**	**N**		
			X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘	Creates 01.01 v3.0.0 (GSM Phase 1)			

3GPP TS ~~41.103~~01.01 V~~5.3.0~~3.0.0 (2003-

Technical Specification

3rd Generation Partnership Project;
Technical Specification Group Services and System Aspects;
Technical Specifications and Technical Reports for a GERAN-based 3GPP system~~GSM Release 5 specifications~~
(~~Release 5~~Phase 1)

GLOBAL SYSTEM FOR
MOBILE COMMUNICATIONS

Keywords
GSM, architecture

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1 Scope

The present document identifies the 3GPP Technical Specifications and Technical Reports required to construct a GERAN-based system for Release 5Phase 1~~GSM system specifications for Release 5~~. The specifications and reports of 3GPP Release 5Phase 1~~Release 5~~ have a major version number 3~~5~~ (e.g. 3~~5~~.x.y).

~~Most of the core Release 5 Technical Specifications and Technical Reports were functionally frozen at either the 15th Technical Specification Group meetings in March 2002 or the 16th in June 2002.~~

~~NOTE 1: Functionally frozen means that no further functionality/features may be incorporated into the set of specifications, and that only corrective Change Requests (CRs) are to be accepted and agreed.~~

~~NOTE 2: It can be expected that corrective CRs will be introduced into the Release 5 version 5.x.y specifications throughout 2002 and beyond.~~

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 01.04~~21.905~~: "Abbreviations and acronyms ~~Vocabulary for 3GPP Specifications~~".

[2] 3GPP TR 21.900 v3 (R99): "Technical Specification Group working methods".

3 Abbreviations

For the purposes of the present document, the terms and definitions given in 3GPP TR ~~21.905~~01.04 apply.

4 General

~~GSM Release 5 consists of GSM only specifications and common specifications developed for both GSM Release 5 and Release 5 of the 3rd Generation mobile system.~~

~~The present document identifies the GSM system set of specifications required to implement GSM Release 5.~~

~~Specifications for GSM only Release 5 can be identified by the "**ab.cde**" numbering scheme where "ab" is in the range 41 to 52.~~

~~Specifications for both GSM Release 4 and Release 5 of the 3rd Generation mobile system are identified by the "**ab.cde**" numbering scheme where "ab" is in the range 21 to 35.~~

A ~~more~~ detailed description of the specification numbering scheme is given in 3GPP TR 21.900.

5 Specifications and Reports

NOTE ~~1~~: The "for publication?" column of the table below indicates whether or not the documents are intended for adoption by the partner Standards Development Organizations as their own publications. Those marked "no" are internal working documents of the 3GPP TSGs.

~~NOTE 2: For definition of "freezing" of specifications (last two columns), see 3GPP TS 21.900 [2].~~

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CHANGE REQUEST

⌘ **41.103** **CR** **005** ⌘**rev** **-** ⌘ Current version: **5.3.0** ⌘

*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:	⌘	Back formation of TS 01.01 for GSM Phase 1 – list of specs
Source:	⌘	MCC (Specifications Manager)
Work item code:	⌘	TEI
Date:	⌘	07/05/2003
Category:	⌘	**F**
Release:	⌘	1

Use one of the following categories:
F *(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)*
Rel-6	*(Release 6)*

Reason for change:	⌘	Retrospective creation of definitive specs list for GSM Phase 1
Summary of change:	⌘	New Release of spec created, to be numbered TS 01.01 (old GSM numbering scheme). This CR shows the list of specs. The generic changes are contained in CR 004.
Consequences if not approved:	⌘	Doubt over which specs are valid for this Release

Clauses affected:	⌘	5

		Y	N		
Other specs affected:	⌘		X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	

Other comments:	⌘	Creates 01.01 v3.0.0 (GSM Phase 1)

Number	Title	WG prime	For publication?	freeze date	frozen
21.801	Specification drafting rules	SP	No	14/03/2002	yes
21.900	Technical Specification Group working methods	SP	Yes	14/03/2002	yes
22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1	Yes	13/06/2002	yes
22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)	S1	Yes	13/06/2002	yes
22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	S1	Yes	14/03/2002	yes
22.004	General on supplementary services	S1	Yes	13/06/2002	yes
22.011	Service accessibility	S1	Yes	13/06/2002	yes
22.016	International Mobile Equipment Identities (IMEI)	S1	Yes	13/06/2002	yes
22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3	Yes	12/09/2002	yes
22.024	Description of Charge Advice Information (CAI)	S1	Yes	13/06/2002	yes
22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	S1	Yes	13/06/2002	yes
22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3	Yes	12/12/2002	yes
22.032	Immediate Service Termination (IST); Service description; Stage 1	S3	Yes	13/06/2002	yes
22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	Yes	13/06/2002	yes
22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1	Yes	14/03/2002	yes
22.041	Operator Determined Call Barring	S1	Yes	13/06/2002	yes
22.042	Network Identity and Time Zone (NITZ) service description; Stage 1	S1	Yes	13/06/2002	yes
22.053	Tandem Free Operation (TFO); Service description; Stage 1	S4	Yes	13/06/2002	yes
22.057	Mobile Execution Environment (MExE) service description; Stage 1	S1	Yes	14/03/2002	yes
22.060	General Packet Radio Service (GPRS); Service description; Stage 1	S1	Yes	14/03/2002	yes
22.066	Support of Mobile Number Portability (MNP); Stage 1	S1	Yes	13/06/2002	yes
22.067	enhanced Multi Level Precedence and Pre-emption service (eMLPP); Stage 1	S1	Yes	13/06/2002	yes
22.071	Location Services (LCS); Stage 1	S1	Yes	14/03/2002	yes
22.072	Call Deflection (CD); Stage 1	S1	Yes	13/06/2002	yes
22.076	Noise suppression for the AMR codec; Service description; Stage 1	S4	Yes	13/06/2002	yes
22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	S1	Yes	14/03/2002	yes
22.079	Support of optimal routeing; Stage 1	S1	Yes	13/06/2002	yes
22.081	Line Identification supplementary services; Stage 1	S1	Yes	13/06/2002	yes
22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes	13/06/2002	yes
22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1	S1	Yes	13/06/2002	yes
22.084	MultiParty (MPTY) supplementary service; Stage 1	S1	Yes	13/06/2002	yes
22.085	Closed User Group (CUG) supplementary services; Stage 1	S1	Yes	13/06/2002	yes
22.086	Advice of Charge (AoC) supplementary services; Stage 1	S1	Yes	13/06/2002	yes
22.087	User-to-user signalling (UUS); Stage 1	S1	Yes	13/06/2002	yes

Number	Title	WG prime	For publication?	freeze date	frozen
22.088	Call Barring (CB) supplementary services; Stage 1	S1	Yes	13/06/2002	yes
22.090	Unstructured Supplementary Service Data (USSD); Stage 1	S1	Yes	13/06/2002	yes
22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1	Yes	13/06/2002	yes
22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	S1	Yes	13/06/2002	yes
22.094	Follow Me service description - Stage 1	S1	Yes	13/06/2002	yes
22.096	Name identification supplementary services; Stage 1	S1	Yes	13/06/2002	yes
22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	S1	Yes	13/06/2002	yes
22.115	Service Aspects Charging and billing	S1	Yes	14/03/2002	yes
22.121	Service aspects; The Virtual Home Environment; Stage 1	S1	Yes	14/03/2002	yes
22.129	Handover requirements between UTRAN and GERAN or other radio systems	S1	Yes	14/03/2002	yes
22.226	Global text telephony (GTT); Stage 1: Service description	S1	Yes	14/03/2002	yes
22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1	S1	Yes	14/03/2002	yes
23.002	Network architecture	S2	Yes	14/03/2002	yes
23.003	Numbering, Addressing and Identification	N4	Yes	08/03/2002	yes
23.007	Restoration procedures	N4	Yes	08/03/2002	yes
23.008	Organisation of subscriber data	N4	Yes	08/03/2002	yes
23.009	Handover procedures	N1	Yes	08/03/2002	yes
23.011	Technical realization of Supplementary Services	N4	Yes	08/03/2002	yes
23.012	Location management procedures	N4	Yes	08/03/2002	yes
23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1	Yes	08/03/2002	yes
23.015	Technical realisation of Operator Determined Barring (ODB)	N4	Yes	08/03/2002	yes
23.016	Subscriber data management; Stage 2	N4	Yes	08/03/2002	yes
23.018	Basic Call Handling; Technical realization	N4	Yes	08/03/2002	yes
23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3	Yes	12/12/2002	yes
23.032	Universal Geographical Area Description (GAD)	S2	Yes	20/03/2003	yes
23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes	08/03/2002	yes
23.035	Immediate Service Termination (IST); Stage 2	S3	Yes	13/06/2002	yes
23.038	Alphabets and language-specific information	T2	Yes	08/03/2002	yes
23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	T2	Yes	08/03/2002	yes
23.040	Technical realization of Short Message Service (SMS)	T2	Yes	08/03/2002	yes
23.041	Technical realization of Cell Broadcast Service (CBS)	T2	Yes	07/06/2002	yes
23.042	Compression algorithm for SMS	T2	Yes	08/03/2002	yes
23.048	Security Mechanisms for the (U)SIM application toolkit; Stage 2	T3	Yes	08/03/2002	yes
23.053	Tandem Free Operation (TFO); Service description; Stage 2	S4	Yes	13/06/2002	yes
23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	T2	Yes	08/03/2002	yes
23.060	General Packet Radio Service (GPRS) Service description; Stage 2	S2	Yes	14/03/2002	yes
23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4	Yes	08/03/2002	yes
23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N4	Yes	08/03/2002	yes
23.072	Call Deflection Supplementary Service; Stage 2	N4	Yes	08/03/2002	yes

Number	Title	WG prime	For publication?	freeze date	frozen
23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2	N2	Yes	07/06/2002	yes
23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2	N4	Yes	08/03/2002	yes
23.081	Line Identification supplementary services; Stage 2	N4	Yes	08/03/2002	yes
23.082	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes	08/03/2002	yes
23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	N4	Yes	08/03/2002	yes
23.084	MultiParty (MPTY) Supplementary Service; Stage 2	N4	Yes	08/03/2002	yes
23.085	Closed User Group (CUG) Supplementary Service; Stage 2	N4	Yes	08/03/2002	yes
23.086	Advice of Charge (AoC) Supplementary Service; Stage 2	N4	Yes	08/03/2002	yes
23.087	User-to-User Signalling (UUS) supplementary service; Stage 2	N4	Yes	08/03/2002	yes
23.088	Call Barring (CB) Supplementary Service; Stage 2	N4	Yes	08/03/2002	yes
23.090	Unstructured Supplementary Service Data (USSD); Stage 2	N4	Yes	08/03/2002	yes
23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	Yes	08/03/2002	yes
23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	N4	Yes	08/03/2002	yes
23.094	Follow Me Stage 2	N4	Yes	08/03/2002	yes
23.096	Name Identification Supplementary Service; Stage 2	N4	Yes	08/03/2002	yes
23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2	N4	Yes	08/03/2002	yes
23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)	N1	Yes	07/06/2002	yes
23.116	Super-Charger technical realization; Stage 2	N4	Yes	08/03/2002	yes
23.119	Gateway Location Register (GLR); Stage2	N4	Yes	08/03/2002	yes
23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	T2	Yes	08/03/2002	yes
23.207	End-to-end Quality of Service (QoS) concept and architecture	S2	Yes	14/03/2002	yes
23.218	IP Multimedia (IM) session handling; IM call model; Stage 2	N1	Yes	08/03/2002	yes
23.221	Architectural requirements	S2	Yes	14/03/2002	yes
23.226	Global text telephony (GTT); Stage 2: Architecture	S2	Yes	08/03/2002	yes
23.228	IP Multimedia Subsystem (IMS); Stage 2	S2	Yes	14/03/2002	yes
23.236	Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes	S2	Yes	14/03/2002	yes
23.271	Location Services (LCS); Functional description; Stage 2	S2	Yes	14/03/2002	yes
23.278	Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2	N2	Yes	06/12/2002	yes
23.815	Charging implications of IMS architecture	S2	No	14/03/2002	yes
24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes	08/03/2002	yes
24.007	Mobile radio interface signalling layer 3; General Aspects	N1	Yes	08/03/2002	yes
24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3	N1	Yes	08/03/2002	yes
24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes	08/03/2002	yes

Number	Title	WG prime	For publication?	freeze date	frozen
24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	Yes	08/03/2002	yes
24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	N3	Yes	08/03/2002	yes
24.030	Location Services (LCS); Supplementary service operations; Stage 3	N4	Yes	08/03/2002	yes
24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	Yes	08/03/2002	yes
24.072	Call Deflection Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding	N4	Yes	08/03/2002	yes
24.081	Line Identification Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
24.082	Call Forwarding supplementary service; Stage 3	N4	Yes	08/03/2002	yes
24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
24.084	MultiParty (MPTY) Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
24.085	Closed User Group (CUG) Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
24.086	Advice of Charge (AoC) Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
24.087	User-to-User Signalling (UUS); Stage 3	N4	Yes	08/03/2002	yes
24.088	Call Barring (CB) Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
24.090	Unstructured Supplementary Service Data (USSD); Stage 3	N4	Yes	08/03/2002	yes
24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	N4	Yes	08/03/2002	yes
24.096	Name Identification Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
24.228	Signalling flows for the IP multimedia call control based on SIP and SDP; Stage 3	N1	Yes	07/06/2002	yes
24.229	IP Multimedia Call Control Protocol based on SIP and SDP; Stage 3	N1	Yes	07/06/2002	yes
26.071	AMR speech Codec; General description	S4	Yes	13/06/2002	yes
26.073	AMR speech Codec; C-source code	S4	Yes	13/06/2002	yes
26.074	AMR speech Codec; Test sequences	S4	Yes	13/06/2002	yes
26.077	Minimum Performance Requirements for Noise Suppresser Application to the AMR Speech Encoder	S4	Yes	13/06/2002	yes
26.090	AMR speech Codec; Transcoding Functions	S4	Yes	13/06/2002	yes
26.091	AMR speech Codec; Error concealment of lost frames	S4	Yes	13/06/2002	yes
26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	S4	Yes	13/06/2002	yes
26.093	AMR speech Codec; Source Controlled Rate operation	S4	Yes	13/06/2002	yes
26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	S4	Yes	13/06/2002	yes
26.102	AMR speech Codec; Interface to Iu and Uu	S4	Yes	13/06/2002	yes
26.103	Speech codec list for GSM and UMTS	S4	Yes	14/03/2002	yes
26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec	S4	Yes	13/06/2002	yes
26.110	Codec for circuit switched multimedia telephony service; General description	S4	Yes	13/06/2002	yes
26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4	Yes	13/06/2002	yes
26.140	Multimedia Messaging Service (MMS); Media formats and codes	S4	Yes	14/03/2002	yes
26.171	AMR speech codec, wideband; General description	S4	Yes	14/03/2002	yes

Number	Title	WG prime	For publication?	freeze date	frozen
26.173	ANSI-C code for the Adaptive Multi Rate (AMR) Wideband speech codec	S4	Yes	14/03/2002	yes
26.174	AMR speech codec, wideband; Test sequences	S4	Yes	14/03/2002	yes
26.190	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions	S4	Yes	14/03/2002	yes
26.191	AMR speech codec, wideband; Error concealment of lost frames	S4	Yes	14/03/2002	yes
26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects	S4	Yes	14/03/2002	yes
26.193	AMR speech codec, wideband; Source Controlled Rate operation	S4	Yes	14/03/2002	yes
26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)	S4	Yes	14/03/2002	yes
26.201	AMR speech codec, wideband; Frame structure	S4	Yes	14/03/2002	yes
26.202	AMR speech codec, wideband; Interface to Iu and Uu	S4	Yes	14/03/2002	yes
26.204	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) wideband speech codec	S4	Yes	14/03/2002	yes
26.226	Global text telephony (GTT);Transport of text in the voice channel	S4	Yes	14/03/2002	yes
26.230	Global text telephony (GTT); Cellular text telephone modem transmitter C-code description	S4	Yes	14/03/2002	yes
26.231	Global text telephony (GTT); Cellular text telephone modem minimum performance requirements	S4	Yes	14/03/2002	yes
26.235	Packet switched conversational multimedia applications; Default codecs	S4	Yes	14/03/2002	yes
26.911	Codec for Circuit switched Multimedia Telephony Service;Terminal Implementor's Guide	S4	Yes	13/06/2002	yes
26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec	S4	Yes	13/06/2002	yes
26.976	Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec	S4	Yes	07/06/2002	yes
27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes	08/03/2002	yes
27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	Yes	08/03/2002	yes
27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3	Yes	08/03/2002	yes
27.005	Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)	T2	Yes	08/03/2002	yes
27.007	AT command set for 3G User Equipment (UE)	T2	Yes	08/03/2002	yes
27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	T2	Yes	08/03/2002	yes
27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	N3	Yes	08/03/2002	yes
27.103	Wide Area Network Synchronization	T2	Yes	08/03/2002	yes
28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3	S4	Yes	14/03/2002	yes
29.002	Mobile Application Part (MAP) specification	N4	Yes	08/03/2002	yes
29.007	General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	N3	Yes	08/03/2002	yes
29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	N4	Yes	08/03/2002	yes

Number	Title	WG prime	For publication?	freeze date	frozen
29.011	Signalling Interworking for Supplementary Services	N4	Yes	08/03/2002	yes
29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	Yes	08/03/2002	yes
29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	N1	Yes	08/03/2002	yes
29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	N1	Yes	08/03/2002	yes
29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	N4	Yes	08/03/2002	yes
29.061	Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)	N3	Yes	06/09/2002	yes
29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification	N2	Yes	07/06/2002	yes
29.207	Policy control over Go interface	N3	Yes	07/06/2002	yes
29.208	End to end Quality of Service (QoS) signalling flows	N3	Yes	07/06/2002	yes
29.228	IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents	N4	Yes	07/06/2002	yes
29.229	Cx and Dx interfaces based on the Diameter protocol; Protocol details	N4	Yes	07/06/2002	yes
29.278	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)	N2	Yes	06/12/2002	yes
29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents	N4	Yes	07/06/2002	yes
29.329	Sh interface based on the Diameter protocol	N4	Yes	07/06/2002	yes
29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults	N1	Yes	14/03/2002	yes
30.902	Guidelines for the modification of the Mobile Application Part (MAP)	N4	No	14/03/2002	yes
31.048	Test specification for security mechanisms for the (U)SIM application toolkit	T3	Yes	19/09/2003	-
31.103	Characteristics of the ISIM application	T3	Yes	07/06/2002	yes
31.111	USIM Application Toolkit (USAT)	T3	Yes	08/03/2002	yes
32.200	Telecommunication management; Charging management; Charging principles	S5	Yes	12/09/2002	yes
32.225	Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)	S5	Yes	12/09/2002	yes
32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	S5	Yes	14/03/2002	yes
32.401	Telecommunication management; Performance Management (PM); Concept and requirements	S5	Yes	14/03/2002	yes
32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM	S5	Yes	14/03/2002	yes
32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements	S5	Yes	12/09/2002	yes
32.601	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): requirements	S5	Yes	12/09/2002	yes

Number	Title	WG prime	For publication?	freeze date	frozen
32.602	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) information service	S5	Yes	12/09/2002	yes
32.603	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP): CORBA solution set	S5	Yes	12/09/2002	yes
32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements	S5	Yes	12/09/2002	yes
32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	12/09/2002	yes
32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): CORBA solution set	S5	Yes	12/09/2002	yes
32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution set	S5	Yes	12/09/2002	yes
32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	14/03/2002	yes
32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	12/09/2002	yes
32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CORBA solution set	S5	Yes	12/09/2002	yes
32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CMIP solution set	S5	Yes	12/09/2002	yes
32.635	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	13/06/2002	yes
32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): requirements	S5	Yes	12/09/2002	yes
32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	12/09/2002	yes
32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CORBA solution set	S5	Yes	12/09/2002	yes
32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CMIP solution set	S5	Yes	12/09/2002	yes
32.655	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	13/06/2002	yes

Number	Title	WG prime	For publication?	freeze date	frozen
32.691	Telecommunication management; Inventory management network resources Integration Reference Point (IRP): Requirements	S5	Yes	12/09/2002	yes
32.692	Telecommunication management; Inventory management network resources Integration Reference Point (IRP): Network resource model	S5	Yes	12/09/2002	yes
33.203	3G security; Access security for IP-based services	S3	Yes	14/03/2002	yes
33.210	3G security; Network Domain Security (NDS); IP network layer security	S3	Yes	14/03/2002	yes
41.031	Fraud Information Gathering System (FIGS); Service requirements; Stage 0	S3	Yes	14/03/2002	yes
41.033	Lawful Interception requirements for GSM	S3	Yes	14/03/2002	yes
41.103	GSM Release 5 specifications	SP	Yes	13/06/2002	yes
42.019	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1	T3	Yes	08/03/2002	yes
42.033	Lawful Interception; Stage 1	S3	Yes	14/03/2002	yes
42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1	S1	Yes	13/06/2002	yes
42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	S1	Yes	13/06/2002	yes
42.068	Voice Group Call Service (VGCS); Stage 1	S1	Yes	13/06/2002	yes
42.069	Voice Broadcast Service (VBS); Stage 1	S1	Yes	13/06/2002	yes
43.005	Technical performance objectives	NP	Yes	08/03/2002	yes
43.010	GSM Public Land Mobile Network (PLMN) connection types	N3	Yes	08/03/2002	yes
43.013	Discontinuous Reception (DRX) in the GSM system	G1	Yes	28/06/2002	yes
43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2	T3	Yes	08/03/2002	yes
43.020	Security-related network functions	S3	Yes	13/06/2002	yes
43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode	G1	Yes	28/06/2002	yes
43.026	Multiband operation of GSM / DCS 1800 by a single operator	G1	Yes	28/06/2002	yes
43.030	Radio network planning aspects	G1	Yes	28/06/2002	yes
43.033	Lawful Interception; Stage 2	S3	Yes	14/03/2002	yes
43.045	Technical Realization of Facsimile Group 3 Service - transparent	N3	Yes	08/03/2002	yes
43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	Yes	14/03/2002	yes
43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2	G1	Yes	19/04/2002	yes
43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2	G1	Yes	28/06/2002	yes
43.055	Dual Transfer Mode (DTM); Stage 2	G1	Yes	28/06/2002	yes
43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S4	Yes	13/06/2002	yes
43.059	Functional stage 2 description of Location Services (LCS) in GERAN	G1	Yes	19/04/2002	yes
43.064	Overall description of the GPRS radio interface; Stage 2	G1	Yes	19/04/2002	yes
43.068	Voice Group Call Service (VGCS); Stage 2	N1	Yes	08/03/2002	yes
43.069	Voice Broadcast service (VBS); Stage 2	N1	Yes	08/03/2002	yes
43.073	Support of Localised Service Area (SoLSA); Stage 2	N4	Yes	13/06/2002	yes
43.130	Iur-g interface; Stage 2	G1	Yes	30/08/2002	yes
43.900	Support for voice optimization for the IMS in the GERAN	G1	Yes	28/06/2002	yes
44.001	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	Yes	08/03/2002	yes

Number	Title	WG prime	For publication?	freeze date	frozen
44.003	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	Yes	30/08/2002	yes
44.004	Layer 1 - General Requirements	G2	Yes	19/04/2002	yes
44.005	Data Link (DL) Layer General Aspects	G2	Yes	30/08/2002	yes
44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	Yes	30/08/2002	yes
44.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Yes	30/08/2002	yes
44.013	Performance Requirements on Mobile Radio Interface	N1	Yes	08/03/2002	yes
44.014	Individual equipment type requirements and interworking; Special conformance testing functions	G2	Yes	30/08/2002	yes
44.018	Mobile radio interface layer 3 specification; Radio Resource Control Protocol	G2	Yes	19/04/2002	yes
44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3	Yes	08/03/2002	yes
44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)	G2	Yes	19/04/2002	yes
44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods	G2	Yes	30/08/2002	yes
44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	N1	Yes	08/03/2002	yes
44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	N1	Yes	08/03/2002	yes
44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	G2	Yes	19/04/2002	yes
44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	N1	Yes	08/03/2002	yes
44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)	N1	Yes	08/03/2002	yes
44.068	Group Call Control (GCC) Protocol	N1	Yes	08/03/2002	yes
44.069	Broadcast Call Control (BCC) protocol	N1	Yes	08/03/2002	yes
44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification	G2	Yes	30/08/2002	yes
44.118	Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol Iu mode	G2	Yes	19/04/2002	yes
44.160	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu mode	G2	Yes	19/04/2002	yes
44.901	External network assisted cell change (NACC)	G2	Yes	19/04/2002	yes
45.001	Physical layer on the radio path; General description	G1	Yes	19/04/2002	yes
45.002	Multiplexing and multiple access on the radio path	G1	Yes	19/04/2002	yes
45.003	Channel coding	G1	Yes	19/04/2002	yes
45.004	Modulation	G1	Yes	19/04/2002	yes
45.005	Radio transmission and reception	G1	Yes	19/04/2002	yes
45.008	Radio subsystem link control	G1	Yes	19/04/2002	yes
45.009	Link adaptation	G1	Yes	19/04/2002	yes
45.010	Radio subsystem synchronization	G1	Yes	28/06/2002	yes
45.022	Radio link management in hierarchical networks	G1	Yes	28/06/2002	yes
45.050	Background for RF Requirements	G1	Yes	28/06/2002	yes

Number	Title	WG prime	For publication?	freeze date	frozen
45.056	CTS-FP Radio Sub-system	G1	Yes	28/06/2002	yes
46.001	Full Rate Speech Processing Functions	S4	Yes	13/06/2002	yes
46.002	Half Rate Speech Processing Functions	S4	Yes	13/06/2002	yes
46.006	Half-rate speech; ANSI-C code for GSM half-rate speech codec	S4	Yes	13/06/2002	yes
46.007	Half Rate Speech; Test Sequence for GSM Half-Rate Speech Codec	S4	Yes	13/06/2002	yes
46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4	Yes	13/06/2002	yes
46.010	Full-rate speech transcoding	S4	Yes	13/06/2002	yes
46.011	Substitution and Muting of Lost Frames for Full-Rate Speech Channels	S4	Yes	13/06/2002	yes
46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	Yes	13/06/2002	yes
46.020	Half Rate Speech Transcoding	S4	Yes	13/06/2002	yes
46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4	Yes	13/06/2002	yes
46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4	Yes	13/06/2002	yes
46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	Yes	13/06/2002	yes
46.032	Voice Activity Detection (VAD)	S4	Yes	13/06/2002	yes
46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4	Yes	13/06/2002	yes
46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4	Yes	13/06/2002	yes
46.051	GSM Enhanced full rate speech processing functions: General description	S4	Yes	13/06/2002	yes
46.053	ANSI-C code for the GSM Enhanced full rate speech codec	S4	Yes	13/06/2002	yes
46.054	Test sequences for the GSM Enhanced Full Rate (EFR)	S4	Yes	13/06/2002	yes
46.055	Performance characterisation of the GSM EFR Speech Codec	S4	Yes	13/06/2002	yes
46.060	Enhanced full rate speech transcoding	S4	Yes	13/06/2002	yes
46.061	Substitution and muting of lost frames for encanced full rate speech traffic channels	S4	Yes	13/06/2002	yes
46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4	Yes	13/06/2002	yes
46.081	Discontinuous Transmission (DTX) for encanced full rate speech traffic channels	S4	Yes	13/06/2002	yes
46.082	Voice Activity Detection (VAD) for encanced full rate speech traffic channels	S4	Yes	13/06/2002	yes
46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	S4	Yes	13/06/2002	yes
48.001	General Aspects on the BSS-MSC Interface	G2	Yes	30/08/2002	yes
48.002	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Yes	19/04/2002	yes
48.004	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	Yes	30/08/2002	yes
48.006	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	Yes	30/08/2002	yes
48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Yes	19/04/2002	yes
48.014	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	G2	Yes	30/08/2002	yes
48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	G2	Yes	19/04/2002	yes

Number	Title	WG prime	For publication?	freeze date	frozen
48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2	Yes	19/04/2002	yes
48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	Yes	08/03/2002	yes
48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	G2	Yes	28/06/2002	yes
48.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	G2	Yes	30/08/2002	yes
48.052	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	G2	Yes	30/08/2002	yes
48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits	G2	Yes	30/08/2002	yes
48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification	G2	Yes	30/08/2002	yes
48.058	Base Station Controler - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	G2	Yes	19/04/2002	yes
48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels	G1	Yes	19/04/2002	yes
48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels	G1	Yes	19/04/2002	yes
48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification	G2	Yes	30/08/2002	yes
49.001	General network interworking scenarios	N4	Yes	08/03/2002	yes
49.008	Application of the Base Station System Application Part (BSSAP) on the E-Interface	N1	Yes	08/03/2002	yes
49.031	Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)	G2	Yes	19/04/2002	yes
51.010-1	Mobile Station (MS) conformance specification; Part 1: Conformance specification	G5	Yes	14/03/2002	yes
51.010-2	Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	G5	Yes	30/08/2002	yes
51.013	Test specification for SIM API for Java card	T3	Yes	14/03/2002	yes
51.021	GSM radio aspects base station system equipment specification	G3	Yes	28/06/2002	yes
51.026	GSM Repeater Equipment Specification	G3	Yes	28/06/2002	yes
52.021	Network Management (NM) Procedures and Messages on the A-bis Interface	G3	Yes	28/06/2002	yes
52.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM	S5	Yes	12/12/2002	yes

Number	Title	WG prime	For publication?
01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	SP	Yes
01.04	Abbreviations and acronyms	GP	Yes
02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)	S1	Yes
02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	S1	Yes
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	S1	Yes
02.04	General on Supplementary Services	S1	Yes

Number	Title	WG prime	For publication?
02.06	Types of Mobile Stations (MS)	S1	Yes
02.07	Mobile Station (MS) Features	S1	Yes
02.09	Security aspects	S3	Yes
02.11	Service Accessibility	S1	Yes
02.16	International Mobile Station Equipment Identities (IMEI)	S1	Yes
02.17	Subscriber Identity Module (SIM); Functional characteristics	T3	Yes
02.20	Collection charges	S1	Yes
02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	S1	Yes
02.40	Procedures for Call Progress Indications	S1	Yes
02.82	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes
02.88	Call Barring (CB) Supplementary Services; Stage 1	S1	Yes
03.01	Network Functions	S2	Yes
03.02	Network Architecture	S2	Yes
03.03	Numbering, Addressing and Identification	N4	Yes
03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	N4	Yes
03.05	Technical performance objectives	NP	Yes
03.07	Restoration Procedures	N4	Yes
03.08	Organization of Subscriber Data	N4	Yes
03.09	Handover Procedures	N1	Yes
03.10	GSM Public Land Mobile Network (PLMN) Connection Types	N3	Yes
03.11	Technical Realization of Supplementary Services - General Aspects	N4	Yes
03.12	Location Registration Procedures	N4	Yes
03.13	Discontinuous Reception (DRX) in the GSM System	G1	Yes
03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	N1	Yes
03.20	Security-related Network Functions	S3	Yes
03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)	T2	Yes
03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	T2	Yes
03.43	Support of Videotex	T2	Yes
03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	T2	Yes
03.45	Technical Realization of Facsimile Group 3 Service - transparent	N3	Yes
03.46	Technical Realization of Facsimile Group 3 Service - non transparent	N3	Yes
03.48	Security mechanisms for SIM application toolkit; Stage 2	T3	Yes
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	Yes
03.70	Routeing of Calls to/from Public Data Networks (PDN)	N3	Yes
03.82	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes
03.88	Call Barring (CB) supplementary services; Stage 2	N4	Yes
04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	Yes
04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	Yes

Number	Title	WG prime	For publication?
04.04	Layer 1 - General Requirements	G2	Yes
04.05	Data Link (DL) Layer General Aspects	G2	Yes
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	Yes
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	N1	Yes
04.08	Mobile radio interface layer 3 specification	N1	Yes
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes
04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	Yes
04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Yes
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3	Yes
04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services Switching Centre (BSS - MSC) interface	N3	Yes
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	N4	Yes
04.82	Call Forwarding (CF) Supplementary Services; Stage 3	N4	Yes
04.88	Call Barring (CB) Supplementary Services; Stage 3	N4	Yes
05.01	Physical Layer on the Radio Path (General Description)	G1	Yes
05.02	Multiplexing and Multiple Access on the Radio Path	G1	Yes
05.03	Channel coding	G1	Yes
05.04	Modulation	G1	Yes
05.05	Radio Transmission and Reception	G1	Yes
05.08	Radio Subsystem Link Control	G1	Yes
05.10	Radio subsystem synchronization	G1	Yes
06.01	Full Rate Speech Processing Functions	S4	Yes
06.10	Full Rate Speech Transcoding	S4	Yes
06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4	Yes
06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	Yes
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	Yes
06.32	Voice Activity Detection (VAD)	S4	Yes
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	N3	Yes
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	N3	Yes
08.01	General Aspects on the BSS-MSC Interface	G2	Yes
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Yes
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	Yes
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	Yes
08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Yes
08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC)	N3	Yes

Number	Title	WG prime	For publication?
	Interface		
08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	G2	Yes
08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	G2	Yes
08.54	BSC-BTS Layer 1; Structure of Physical Circuits	G2	Yes
08.56	BSC-BTS Layer 2; Specification	G2	Yes
08.58	Base Station Controler - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	G2	Yes
08.59	BSC-BTS O&M Signalling Transport	G3	Yes
08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels	G1	Yes
09.01	General Network Interworking Scenarios	N4	Yes
09.02	Mobile Application Part (MAP) Specification	N4	Yes
09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	N3	Yes
09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	N3	Yes
09.05	Interworking between the PLMN and the PSPDN for PAD Access	N3	Yes
09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	N3	Yes
09.09	Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN	N4	Yes
09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	N4	Yes
09.11	Signalling Interworking for Supplementary Services	N4	Yes
11.10	Mobile Station Conformity Specification	G4	Yes
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	T3	Yes
11.30	Mobile Services Switching Centre	GP	Yes
11.31	Home Location Register Specification	GP	Yes
11.32	Visitor Location Register Specification	GP	Yes
11.40	DCS 1800 System Simulator Conformity Specification	G4	Yes
12.13	Maintenance of the Mobile-services Switching Centre	S5	Yes
12.14	Maintenance of Location Registers	S5	Yes

3GPP TSG-SA Meeting #20
Hämeenlinna, Finland, June 2003

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CR-Form-v7

CHANGE REQUEST

⌘ **01.01** **CR** **012** ⌘**rev** **-** ⌘ Current version: **3.0.0** ⌘

*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:	⌘	Update of list of specs for next Release
Source:	⌘	MCC (Specifications Manager)
Work item code:	⌘	TEI
Date:	⌘	07/05/2003
Category:	⌘	**F**
Release:	⌘	2

Use one of the following categories:
F *(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)*
Rel-6	*(Release 6)*

Reason for change:	⌘	Retrospective creation of definitive specs list for this GSM Release
Summary of change:	⌘	Adds / deletes specs
Consequences if not approved:	⌘	Doubt over which specs are valid for this Release

Clauses affected:	⌘	5			
Other specs affected:	⌘	**Y**	**N**		
			X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

Number	Title	WG prime	For publication?
01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	SP	Yes
01.02	General Description of a GSM Public Land Mobile Network (PLMN)	S1	Yes
01.04	Abbreviations and acronyms	GP	Yes
02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)	S1	Yes
02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	S1	Yes
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	S1	Yes
02.04	General on Supplementary Services	S1	Yes
02.06	Types of Mobile Stations (MS)	S1	Yes
02.07	Mobile Station (MS) Features	S1	Yes
02.09	Security aspects	S3	Yes
02.11	Service Accessibility	S1	Yes
02.16	International Mobile Station Equipment Identities (IMEI)	S1	Yes
02.17	Subscriber Identity Module (SIM); Functional characteristics	T3	Yes
~~02.20~~	~~Collection charges~~	~~S1~~	~~Yes~~
02.24	Description of Charge Advice Information (CAI)	S1	Yes
02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	S1	Yes
02.40	Procedures for Call Progress Indications	S1	Yes
02.41	Operator Determined Barring	S1	Yes
02.81	Line Identification Supplementary Services; Stage 1	S1	Yes
02.82	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes
02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1	S1	Yes
02.84	MultiParty (MPTY) Supplementary Services; Stage 1	S1	Yes
02.85	Closed User Group (CUG) Supplementary Services; Stage 1	S1	Yes
02.86	Advice of Charge (AoC) Supplementary Services; Stage 1	S1	Yes
02.88	Call Barring (CB) Supplementary Services; Stage 1	S1	Yes
02.90	Unstructured Supplementary Service Data (USSD); Stage 1	S1	Yes
03.01	Network Functions	S2	Yes
03.02	Network Architecture	S2	Yes
03.03	Numbering, Addressing and Identification	N4	Yes
03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	N4	Yes
03.05	Technical performance objectives	NP	Yes
03.07	Restoration Procedures	N4	Yes
03.08	Organization of Subscriber Data	N4	Yes
03.09	Handover Procedures	N1	Yes
03.10	GSM Public Land Mobile Network (PLMN) Connection Types	N3	Yes
03.11	Technical Realization of Supplementary Services - General Aspects	N4	Yes
03.12	Location Registration Procedures	N4	Yes
03.13	Discontinuous Reception (DRX) in the GSM System	G1	Yes
03.14	Support of Dual Tone Multi-Frequency Signalling	N1	Yes

	(DTMF) via the GSM System		
03.15	Technical Realization of Operator Determined Barring	N4	Yes
03.16	Subscriber Data Management	N4	Yes
03.20	Security-related Network Functions	S3	Yes
03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode	G1	Yes
03.26	Multiband operation of GSM/DCS 1800 by a single operator	G1	Yes
03.30	Radio Network Planning Aspects	GP	Yes
03.38	Alphabets and language-specific information	T2	Yes
03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)	T2	Yes
03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	T2	Yes
03.43	Support of Videotex	T2	Yes
03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	T2	Yes
03.45	Technical Realization of Facsimile Group 3 Service - transparent	N3	Yes
03.46	Technical Realization of Facsimile Group 3 Service - non transparent	N3	Yes
~~03.48~~	~~Security mechanisms for SIM application toolkit; Stage 2~~	~~T3~~	~~Yes~~
03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)	T2	Yes
03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controler (BSC)	T2	Yes
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	Yes
03.70	Routeing of Calls to/from Public Data Networks (PDN)	N3	Yes
03.81	Line Identification Supplementary Services; Stage 2	N4	Yes
03.82	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes
03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2	N4	Yes
03.84	Multi Party (MPTY) Supplementary Services; Stage 2	N4	Yes
03.85	Closed user Group (CUG) Supplementary Services; Stage 2	N4	Yes
03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	N4	Yes
03.88	Call Barring (CB) supplementary services; Stage 2	N4	Yes
03.90	Unstructured Supplementary Service Data (USSD)	N4	Yes
04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	Yes
04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	Yes
04.04	Layer 1 - General Requirements	G2	Yes
04.05	Data Link (DL) Layer General Aspects	G2	Yes
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	Yes
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	N1	Yes
04.08	Mobile radio interface layer 3 specification	N1	Yes

04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes
04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	Yes
04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Yes
04.13	Performance Requirements on Mobile Radio Interface	N1	Yes
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3	Yes
04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services Switching Centre (BSS - MSC) interface	N3	Yes
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	N4	Yes
04.81	Line Identification Supplementary Services; Stage 3	N4	Yes
04.82	Call Forwarding (CF) Supplementary Services; Stage 3	N4	Yes
04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3	N4	Yes
04.84	Multi Party (MPTY) Supplementary Services; Stage 3	N4	Yes
04.85	Closed User Group (CUG) Supplementary Services; Stage 3	N4	Yes
04.86	Advice of Charge (AoC) Supplementary Services; Stage 3	N4	Yes
04.88	Call Barring (CB) Supplementary Services; Stage 3	N4	Yes
04.90	Unstructured Supplementary Service Data (USSD)	N4	Yes
05.01	Physical Layer on the Radio Path (General Description)	G1	Yes
05.02	Multiplexing and Multiple Access on the Radio Path	G1	Yes
05.03	Channel coding	G1	Yes
05.04	Modulation	G1	Yes
05.05	Radio Transmission and Reception	G1	Yes
05.08	Radio Subsystem Link Control	G1	Yes
05.10	Radio subsystem synchronization	G1	Yes
05.22	Radio link management in hierarchical networks	G1	Yes
05.50	Background for RF Requirements	G1	Yes
05.90	GSM Electromagnetic Compatibility (EMC) considerations	G1	Yes
06.01	Full Rate Speech Processing Functions	S4	Yes
06.02	Half Rate Speech Processing Functions	S4	Yes
06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	S4	Yes
06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	S4	Yes
06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4	Yes
06.10	Full Rate Speech Transcoding	S4	Yes
06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4	Yes
06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	Yes
06.20	Half Rate Speech Transcoding	S4	Yes
06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4	Yes
06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4	Yes
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	Yes

06.32	Voice Activity Detection (VAD)	S4	Yes
06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4	Yes
06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4	Yes
06.51	GSM Enhanced full rate speech processing functions: General description	S4	Yes
06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec	S4	Yes
06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	S4	Yes
06.55	Performance characterisation of the GSM EFR Speech Codec	S4	Yes
06.60	Enhanced full rate speech transcoding	S4	Yes
06.61	Substitution and muting of lost frames for encanced full rate speech traffic channels	S4	Yes
06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4	Yes
06.81	Discontinuous Transmission (DTX) for encanced full rate speech traffic channels	S4	Yes
06.82	Voice Activity Detection (VAD) for encanced full rate speech traffic channels	S4	Yes
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	N3	Yes
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	N3	Yes
07.05	Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)	T2	Yes
07.07	AT Command set for GSM Mobile Equipment (ME)	T2	Yes
08.01	General Aspects on the BSS-MSC Interface	G2	Yes
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Yes
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	Yes
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	Yes
08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Yes
08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	Yes
08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	G2	Yes
08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	G2	Yes
08.54	BSC-BTS Layer 1; Structure of Physical Circuits	G2	Yes
08.56	BSC-BTS Layer 2; Specification	G2	Yes
08.58	Base Station Controler - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	G2	Yes
~~08.59~~	~~BSC-BTS O&M Signalling Transport~~	~~G3~~	~~Yes~~
08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels	G1	Yes
08.61	In-band control of remote transcoders and rate	G1	Yes

	adaptors for half rate traffic channels		
09.01	General Network Interworking Scenarios	N4	Yes
09.02	Mobile Application Part (MAP) Specification	N4	Yes
09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	N3	Yes
09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	N3	Yes
09.05	Interworking between the PLMN and the PSPDN for PAD Access	N3	Yes
09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	N3	Yes
09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	N3	Yes
~~09.09~~	~~Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN~~	~~N4~~	~~Yes~~
09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	N1	Yes
09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	N4	Yes
09.11	Signalling Interworking for Supplementary Services	N4	Yes
~~11.10~~	~~Mobile Station Conformity Specification~~	~~G4~~	~~Yes~~
09.12	Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling	SPAN3	Yes
09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)	N1	Yes
09.91	Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2	T3	Yes
09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults	N1	Yes
11.10-1	Mobile station (MS) conformance specification; Part 1: Conformance specification	G5	Yes
11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	G5	Yes
11.10-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	G5	Yes
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	T3	Yes
~~11.30~~	~~Mobile Services Switching Centre~~	~~GP~~	~~Yes~~
~~11.31~~	~~Home Location Register Specification~~	~~GP~~	~~Yes~~
~~11.32~~	~~Visitor Location Register Specification~~	~~GP~~	~~Yes~~
~~11.40~~	~~DCS 1800 System Simulator Conformity Specification~~	~~G4~~	~~Yes~~
~~12.13~~	~~Maintenance of the Mobile-services Switching Centre~~	~~S5~~	~~Yes~~
~~12.14~~	~~Maintenance of Location Registers~~	~~S5~~	~~Yes~~
11.12	Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface	T3	Yes
11.21	Base Station System (BSS) equipment specification; Radio aspects	G3	Yes
11.22	GSM Base Station and Ancillary Equipment, Physical and Electronical Parameters, Application of Standards and Guidance Notes	G3	Yes

11.23	GSM Signalling Aspects Base Station System equipment Specification	G3	Yes
11.24	GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification	G3	Yes
11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters	G3	Yes
12.00	Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management	S5	Yes
12.01	Network Management (NM); Part 2: Common aspects of SM/DCS 1800 Network Management	S5	Yes
12.02	Subscriber, Mobile Equipment (ME) and Services Data Administration	S5	Yes
12.03	Security Management	S5	Yes
12.04	Performance data measurements	S5	Yes
12.05	Subscriber Related Call and Event Data	S5	Yes
12.06	Network Configuration Management and Administration	S5	Yes
12.08	Subscriber and Equipment trace	S5	Yes
12.11	Fault management of the Base Station System (BSS)	S5	Yes
12.20	Base Station System (BSS) Management Information	S5	Yes
12.21	Network Management (NM) procedures and messages on the A-bis interface	G3	Yes
12.22	Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)	G3	Yes
12.30	ETSI Object Identifier Tree; Mobile Domain O&M	S5	Yes

3GPP TSG-SA Meeting #20
Hämeenlinna, Finland, June 2003

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CR-Form-v7

CHANGE REQUEST

⌘ **01.01** **CR** **013** ⌘**rev** **-** ⌘ Current version: **4.0.0** ⌘

*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:	⌘	Update of list of specs for next Release
Source:	⌘	MCC (Specifications Manager)
Work item code:	⌘	TEI
Date:	⌘	07/05/2003
Category:	⌘	**F**
Release:	⌘	R96

Use one of the following categories:
F *(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)*
Rel-6	*(Release 6)*

Reason for change:	⌘	Retrospective creation of definitive specs list for this GSM Release
Summary of change:	⌘	Adds / deletes specs
Consequences if not approved:	⌘	Doubt over which specs are valid for this Release

Clauses affected:	⌘	5			
Other specs affected:	⌘	**Y**	**N**		
			X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

Number	Title	WG prime	For publication?
01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	SP	Yes
01.02	General Description of a GSM Public Land Mobile Network (PLMN)	S1	Yes
01.04	Abbreviations and acronyms	GP	Yes
01.48	ISDN-based DECT/GSM interworking; Feasibility study	S1	Yes
02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)	S1	Yes
02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	S1	Yes
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	S1	Yes
02.04	General on Supplementary Services	S1	Yes
02.06	Types of Mobile Stations (MS)	S1	Yes
02.07	Mobile Station (MS) Features	S1	Yes
02.09	Security aspects	S3	Yes
02.11	Service Accessibility	S1	Yes
02.16	International Mobile Station Equipment Identities (IMEI)	S1	Yes
02.17	Subscriber Identity Module (SIM); Functional characteristics	T3	Yes
02.22	Stage 1 for personalisation of GSM ME	S1	Yes
02.24	Description of Charge Advice Information (CAI)	S1	Yes
02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	S1	Yes
02.34	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	Yes
02.40	Procedures for Call Progress Indications	S1	Yes
02.41	Operator Determined Barring	S1	Yes
02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1	S1	Yes
02.63	Packet Data on Signalling channels Service (PDS); Stage 1	S1	Yes
02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1	S1	Yes
02.68	Voice Group Call Service (VGCS); Stage 1	S1	Yes
02.69	Voice Broadcast Service (VBS); Stage 1	S1	Yes
02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	S1	Yes
02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)	S1	Yes
02.81	Line Identification Supplementary Services; Stage 1	S1	Yes
02.82	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes
02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1	S1	Yes
02.84	MultiParty (MPTY) Supplementary Services; Stage 1	S1	Yes
02.85	Closed User Group (CUG) Supplementary Services; Stage 1	S1	Yes
02.86	Advice of Charge (AoC) Supplementary Services; Stage 1	S1	Yes
02.88	Call Barring (CB) Supplementary Services; Stage 1	S1	Yes
02.90	Unstructured Supplementary Service Data (USSD); Stage 1	S1	Yes

02.91	Explicit Call Transfer (ECT)	S1	Yes
02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1	S1	Yes
03.01	Network Functions	S2	Yes
03.02	Network Architecture	S2	Yes
03.03	Numbering, Addressing and Identification	N4	Yes
~~03.04~~	~~Signalling Requirements Relating to Routing of Calls to Mobile Subscribers~~	~~N4~~	~~Yes~~
03.05	Technical performance objectives	NP	Yes
03.07	Restoration Procedures	N4	Yes
03.08	Organization of Subscriber Data	N4	Yes
03.09	Handover Procedures	N1	Yes
03.10	GSM Public Land Mobile Network (PLMN) Connection Types	N3	Yes
03.11	Technical Realization of Supplementary Services - General Aspects	N4	Yes
03.12	Location Registration Procedures	N4	Yes
03.13	Discontinuous Reception (DRX) in the GSM System	G1	Yes
03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	N1	Yes
03.15	Technical Realization of Operator Determined Barring	N4	Yes
03.16	Subscriber Data Management	N4	Yes
03.18	Basic Call Handling	N4	Yes
03.20	Security-related Network Functions	S3	Yes
03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode	G1	Yes
03.26	Multiband operation of GSM/DCS 1800 by a single operator	G1	Yes
03.30	Radio Network Planning Aspects	GP	Yes
03.32	Universal Geographical Area Description (GAD)	S2	Yes
03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes
03.38	Alphabets and language-specific information	T2	Yes
03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)	T2	Yes
03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	T2	Yes
03.42	SMS Compression	T2	Yes
03.43	Support of Videotex	T2	Yes
03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	T2	Yes
03.45	Technical Realization of Facsimile Group 3 Service - transparent	N3	Yes
03.46	Technical Realization of Facsimile Group 3 Service - non transparent	N3	Yes
03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)	T2	Yes
03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controler (BSC)	T2	Yes
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	Yes
03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2	N3	Yes
03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2	N1	Yes
03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N4	Yes
03.68	Voice Group Call Service (VGCS); Stage 2	N1	Yes
03.69	Voice Broadcast service (VBS); Stage 2	N1	Yes
03.70	Routeing of Calls to/from Public Data Networks (PDN)	N3	Yes

03.78	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2	N2	Yes
03.79	Support of Optimal Routeing phase 1; Stage 2	N4	Yes
03.81	Line Identification Supplementary Services; Stage 2	N4	Yes
03.82	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes
03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2	N4	Yes
03.84	Multi Party (MPTY) Supplementary Services; Stage 2	N4	Yes
03.85	Closed user Group (CUG) Supplementary Services; Stage 2	N4	Yes
03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	N4	Yes
03.88	Call Barring (CB) supplementary services; Stage 2	N4	Yes
03.90	Unstructured Supplementary Service Data (USSD)	N4	Yes
03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	Yes
04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	Yes
04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	Yes
04.04	Layer 1 - General Requirements	G2	Yes
04.05	Data Link (DL) Layer General Aspects	G2	Yes
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	Yes
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	N1	Yes
04.08	Mobile radio interface layer 3 specification	N1	Yes
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes
04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	Yes
04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Yes
04.13	Performance Requirements on Mobile Radio Interface	N1	Yes
04.14	Individual equipment type requirements and interworking; Special conformance testing functions	G2	Yes
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3	Yes
04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services Switching Centre (BSS - MSC) interface	N3	Yes
04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	N1	Yes
04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	Yes
04.68	Group Call Control (GCC) Protocol	N1	Yes
04.69	Broadcast Call Control (BCC) protocol	N1	Yes
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	N4	Yes
04.81	Line Identification Supplementary Services; Stage 3	N4	Yes
04.82	Call Forwarding (CF) Supplementary Services; Stage 3	N4	Yes

04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3	N4	Yes
04.84	Multi Party (MPTY) Supplementary Services; Stage 3	N4	Yes
04.85	Closed User Group (CUG) Supplementary Services; Stage 3	N4	Yes
04.86	Advice of Charge (AoC) Supplementary Services; Stage 3	N4	Yes
04.88	Call Barring (CB) Supplementary Services; Stage 3	N4	Yes
04.90	Unstructured Supplementary Service Data (USSD)	N4	Yes
04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	Yes
05.01	Physical Layer on the Radio Path (General Description)	G1	Yes
05.02	Multiplexing and Multiple Access on the Radio Path	G1	Yes
05.03	Channel coding	G1	Yes
05.04	Modulation	G1	Yes
05.05	Radio Transmission and Reception	G1	Yes
05.08	Radio Subsystem Link Control	G1	Yes
05.10	Radio subsystem synchronization	G1	Yes
05.22	Radio link management in hierarchical networks	G1	Yes
05.50	Background for RF Requirements	G1	Yes
05.90	GSM Electromagnetic Compatibility (EMC) considerations	G1	Yes
06.01	Full Rate Speech Processing Functions	S4	Yes
06.02	Half Rate Speech Processing Functions	S4	Yes
06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	S4	Yes
06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	S4	Yes
06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4	Yes
06.10	Full Rate Speech Transcoding	S4	Yes
06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4	Yes
06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	Yes
06.20	Half Rate Speech Transcoding	S4	Yes
06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4	Yes
06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4	Yes
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	Yes
06.32	Voice Activity Detection (VAD)	S4	Yes
06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4	Yes
06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4	Yes
06.51	GSM Enhanced full rate speech processing functions: General description	S4	Yes
06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec	S4	Yes
06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	S4	Yes
06.55	Performance characterisation of the GSM EFR Speech Codec	S4	Yes
06.60	Enhanced full rate speech transcoding	S4	Yes
06.61	Substitution and muting of lost frames for encanced full rate speech traffic channels	S4	Yes
06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4	Yes
06.81	Discontinuous Transmission (DTX) for encanced	S4	Yes

	full rate speech traffic channels		
06.82	Voice Activity Detection (VAD) for encanced full rate speech traffic channels	S4	Yes
06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	S4	Yes
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	N3	Yes
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	N3	Yes
07.05	Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)	T2	Yes
07.07	AT Command set for GSM Mobile Equipment (ME)	T2	Yes
07.08	GSM Application Programming Interface	T2	Yes
07.60	General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS	N3	Yes
08.01	General Aspects on the BSS-MSC Interface	G2	Yes
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Yes
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	Yes
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	Yes
08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Yes
08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2	Yes
08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	Yes
08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	G2	Yes
08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	G2	Yes
08.54	BSC-BTS Layer 1; Structure of Physical Circuits	G2	Yes
08.56	BSC-BTS Layer 2; Specification	G2	Yes
08.58	Base Station Controler - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	G2	Yes
08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels	G1	Yes
08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels	G1	Yes
09.01	General Network Interworking Scenarios	N4	Yes
09.02	Mobile Application Part (MAP) Specification	N4	Yes
09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	N3	Yes
09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	N3	Yes

09.05	Interworking between the PLMN and the PSPDN for PAD Access	N3	Yes
09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	N3	Yes
09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	N3	Yes
09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	N1	Yes
09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	N4	Yes
09.11	Signalling Interworking for Supplementary Services	N4	Yes
~~09.12~~	~~Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling~~	~~SPAN3~~	~~Yes~~
09.78	CAMEL Application Part phase 2 (stage 3)	N2	Yes
09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)	N1	Yes
~~09.91~~	~~Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2~~	~~T3~~	~~Yes~~
09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults	N1	Yes
10.00	Digital Cellular Telecommunication System Feature Description	S2	No
10.02	Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+	N4	No
10.14	System overview for 14.4 kbit/s Work Item	S2	No
11.10-1	Mobile station (MS) conformance specification; Part 1: Conformance specification	G5	Yes
~~11.10-2~~	~~Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification~~	~~G5~~	~~Yes~~
11.10-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	G5	Yes
11.10-4	Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification	G5	Yes
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	T3	Yes
~~11.12~~	~~Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface~~	~~T3~~	~~Yes~~
~~11.21~~	~~Base Station System (BSS) equipment specification; Radio aspects~~	~~G3~~	~~Yes~~
~~11.22~~	~~GSM Base Station and Ancillary Equipment, Physical and Electronical Parameters, Application of Standards and Guidance Notes~~	~~G3~~	~~Yes~~
~~11.23~~	~~GSM Signalling Aspects Base Station System equipment Specification~~	~~G3~~	~~Yes~~
~~11.24~~	~~GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification~~	~~G3~~	~~Yes~~
11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface	T3	Yes
11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters	G3	Yes
~~12.00~~	~~Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management~~	~~S5~~	~~Yes~~
~~12.01~~	~~Network Management (NM); Part 2: Common aspects of SM/DCS 1800 Network Management~~	~~S5~~	~~Yes~~

12.02	Subscriber, Mobile Equipment (ME) and Services Data Administration	S5	Yes
~~12.03~~	~~Security Management~~	~~S5~~	~~Yes~~
~~12.04~~	~~Performance data measurements~~	~~S5~~	~~Yes~~
12.05	Subscriber Related Call and Event Data	S5	Yes
~~12.06~~	~~Network Configuration Management and Administration~~	~~S5~~	~~Yes~~
12.08	Subscriber and Equipment trace	S5	Yes
~~12.11~~	~~Fault management of the Base Station System (BSS)~~	~~S5~~	~~Yes~~
~~12.20~~	~~Base Station System (BSS) Management Information~~	~~S5~~	~~Yes~~
12.21	Network Management (NM) procedures and messages on the A-bis interface	G3	Yes
~~12.22~~	~~Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)~~	~~G3~~	~~Yes~~
~~12.30~~	~~ETSI Object Identifier Tree; Mobile Domain O&M~~	~~S5~~	~~Yes~~

3GPP TSG-SA Meeting #20
Hämeenlinna, Finland, June 2003

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CR-Form-v7

CHANGE REQUEST

⌘ **01.01** **CR** **014** ⌘**rev** **-** ⌘ Current version: **5.0.0** ⌘

*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:	⌘	Update of list of specs for next Release
Source:	⌘	MCC (Specifications Manager)
Work item code:	⌘	TEI
Date:	⌘	07/05/2003
Category:	⌘	**F**
Release:	⌘	R97

Use one of the following categories:
F *(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)*
Rel-6	*(Release 6)*

Reason for change:	⌘	Retrospective creation of definitive specs list for this GSM Release
Summary of change:	⌘	Adds / deletes specs
Consequences if not approved:	⌘	Doubt over which specs are valid for this Release

Clauses affected:	⌘	5			
Other specs affected:	⌘	**Y**	**N**		
			X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

Number	Title	WG prime	For publication?
01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	SP	Yes
01.02	General Description of a GSM Public Land Mobile Network (PLMN)	S1	Yes
01.04	Abbreviations and acronyms	GP	Yes
01.48	ISDN-based DECT/GSM interworking; Feasibility study	S1	Yes
01.60	GPRS requirements	S1	Yes
01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements	S3	Yes
02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)	S1	Yes
02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	S1	Yes
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	S1	Yes
02.04	General on Supplementary Services	S1	Yes
02.06	Types of Mobile Stations (MS)	S1	Yes
02.07	Mobile Station (MS) Features	S1	Yes
02.09	Security aspects	S3	Yes
02.11	Service Accessibility	S1	Yes
02.16	International Mobile Station Equipment Identities (IMEI)	S1	Yes
02.17	Subscriber Identity Module (SIM); Functional characteristics	T3	Yes
02.22	Stage 1 for personalisation of GSM ME	S1	Yes
02.24	Description of Charge Advice Information (CAI)	S1	Yes
02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	S1	Yes
02.34	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	Yes
02.40	Procedures for Call Progress Indications	S1	Yes
02.41	Operator Determined Barring	S1	Yes
02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1	S1	Yes
02.48	Security mechanisms for the SIM Application Toolkit; Stage 1	T3	Yes
02.53	Tandem Free Operation (TFO); Service description; Stage 1	S4	Yes
02.60	General Packet Radio Service Stage 1 Description	S1	Yes
02.63	Packet Data on Signalling channels Service (PDS); Stage 1	S1	Yes
02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1	S1	Yes
02.68	Voice Group Call Service (VGCS); Stage 1	S1	Yes
02.69	Voice Broadcast Service (VBS); Stage 1	S1	Yes
02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	S1	Yes
02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)	S1	Yes
02.81	Line Identification Supplementary Services; Stage 1	S1	Yes
02.82	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes
02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1	S1	Yes
02.84	MultiParty (MPTY) Supplementary Services;	S1	Yes

	Stage 1		
02.85	Closed User Group (CUG) Supplementary Services; Stage 1	S1	Yes
02.86	Advice of Charge (AoC) Supplementary Services; Stage 1	S1	Yes
02.88	Call Barring (CB) Supplementary Services; Stage 1	S1	Yes
02.90	Unstructured Supplementary Service Data (USSD); Stage 1	S1	Yes
02.91	Explicit Call Transfer (ECT)	S1	Yes
02.93	Completion of Calls to Busy Subcriber (CCBS) Service Description; Stage 1	S1	Yes
02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1	S1	Yes
02.96	Name Identification Supplementary Services; Stage 1	S1	Yes
03.01	Network Functions	S2	Yes
03.02	Network Architecture	S2	Yes
03.03	Numbering, Addressing and Identification	N4	Yes
03.05	Technical performance objectives	NP	Yes
03.07	Restoration Procedures	N4	Yes
03.08	Organization of Subscriber Data	N4	Yes
03.09	Handover Procedures	N1	Yes
03.10	GSM Public Land Mobile Network (PLMN) Connection Types	N3	Yes
03.11	Technical Realization of Supplementary Services - General Aspects	N4	Yes
03.12	Location Registration Procedures	N4	Yes
03.13	Discontinuous Reception (DRX) in the GSM System	G1	Yes
03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	N1	Yes
03.15	Technical Realization of Operator Determined Barring	N4	Yes
03.16	Subscriber Data Management	N4	Yes
03.18	Basic Call Handling	N4	Yes
03.20	Security-related Network Functions	S3	Yes
03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode	G1	Yes
03.26	Multiband operation of GSM/DCS 1800 by a single operator	G1	Yes
03.30	Radio Network Planning Aspects	GP	Yes
03.32	Universal Geographical Area Description (GAD)	S2	Yes
03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes
03.38	Alphabets and language-specific information	T2	Yes
03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)	T2	Yes
03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	T2	Yes
03.42	SMS Compression	T2	Yes
03.43	Support of Videotex	T2	Yes
03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	T2	Yes
03.45	Technical Realization of Facsimile Group 3 Service - transparent	N3	Yes
03.46	Technical Realization of Facsimile Group 3 Service - non transparent	N3	Yes
03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)	T2	Yes
03.48	Security mechanisms for SIM application toolkit; Stage 2	T3	Yes
03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controler (BSC)	T2	Yes

03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	Yes
03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2	N3	Yes
03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S4	Yes
03.60	General Packet Radio Service (GPRS) Service description; Stage 2	S2	Yes
03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2	N1	Yes
03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2	G1	Yes
03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N4	Yes
03.68	Voice Group Call Service (VGCS); Stage 2	N1	Yes
03.69	Voice Broadcast service (VBS); Stage 2	N1	Yes
03.70	Routeing of Calls to/from Public Data Networks (PDN)	N3	Yes
03.78	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2	N2	Yes
03.79	Support of Optimal Routeing phase 1; Stage 2	N4	Yes
03.81	Line Identification Supplementary Services; Stage 2	N4	Yes
03.82	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes
03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2	N4	Yes
03.84	Multi Party (MPTY) Supplementary Services; Stage 2	N4	Yes
03.85	Closed user Group (CUG) Supplementary Services; Stage 2	N4	Yes
03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	N4	Yes
03.88	Call Barring (CB) supplementary services; Stage 2	N4	Yes
03.90	Unstructured Supplementary Service Data (USSD)	N4	Yes
03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	Yes
03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	N4	Yes
03.96	Name Identification Supplementary Services; Stage 2	N4	Yes
04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	Yes
04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	Yes
04.04	Layer 1 - General Requirements	G2	Yes
04.05	Data Link (DL) Layer General Aspects	G2	Yes
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	Yes
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	N1	Yes
04.08	Mobile radio interface layer 3 specification	N1	Yes
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes
04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	Yes
04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Yes
04.13	Performance Requirements on Mobile Radio	N1	Yes

	Interface		
04.14	Individual equipment type requirements and interworking; Special conformance testing functions	G2	Yes
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3	Yes
04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services Switching Centre (BSS - MSC) interface	N3	Yes
04.60	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	G2	Yes
04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	N1	Yes
04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification	N1	Yes
04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)	N1	Yes
04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	Yes
04.68	Group Call Control (GCC) Protocol	N1	Yes
04.69	Broadcast Call Control (BCC) protocol	N1	Yes
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	N4	Yes
04.81	Line Identification Supplementary Services; Stage 3	N4	Yes
04.82	Call Forwarding (CF) Supplementary Services; Stage 3	N4	Yes
04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3	N4	Yes
04.84	Multi Party (MPTY) Supplementary Services; Stage 3	N4	Yes
04.85	Closed User Group (CUG) Supplementary Services; Stage 3	N4	Yes
04.86	Advice of Charge (AoC) Supplementary Services; Stage 3	N4	Yes
04.88	Call Barring (CB) Supplementary Services; Stage 3	N4	Yes
04.90	Unstructured Supplementary Service Data (USSD)	N4	Yes
04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	Yes
04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3	N4	Yes
04.96	Name Identification Supplementary Services; Stage 3	N4	Yes
05.01	Physical Layer on the Radio Path (General Description)	G1	Yes
05.02	Multiplexing and Multiple Access on the Radio Path	G1	Yes
05.03	Channel coding	G1	Yes
05.04	Modulation	G1	Yes
05.05	Radio Transmission and Reception	G1	Yes
05.08	Radio Subsystem Link Control	G1	Yes
05.10	Radio subsystem synchronization	G1	Yes
05.14	Release independent frequency bands; Implementation guidelines	G1	Yes
05.22	Radio link management in hierarchical networks	G1	Yes
05.50	Background for RF Requirements	G1	Yes

05.90	GSM Electromagnetic Compatibility (EMC) considerations	G1	Yes
06.01	Full Rate Speech Processing Functions	S4	Yes
06.02	Half Rate Speech Processing Functions	S4	Yes
06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	S4	Yes
06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	S4	Yes
06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4	Yes
06.10	Full Rate Speech Transcoding	S4	Yes
06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4	Yes
06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	Yes
06.20	Half Rate Speech Transcoding	S4	Yes
06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4	Yes
06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4	Yes
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	Yes
06.32	Voice Activity Detection (VAD)	S4	Yes
06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4	Yes
06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4	Yes
06.51	GSM Enhanced full rate speech processing functions: General description	S4	Yes
06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec	S4	Yes
06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	S4	Yes
06.55	Performance characterisation of the GSM EFR Speech Codec	S4	Yes
06.60	Enhanced full rate speech transcoding	S4	Yes
06.61	Substitution and muting of lost frames for encanced full rate speech traffic channels	S4	Yes
06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4	Yes
06.81	Discontinuous Transmission (DTX) for encanced full rate speech traffic channels	S4	Yes
06.82	Voice Activity Detection (VAD) for encanced full rate speech traffic channels	S4	Yes
06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	S4	Yes
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	N3	Yes
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	N3	Yes
07.05	Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)	T2	Yes
07.07	AT Command set for GSM Mobile Equipment (ME)	T2	Yes
~~07.08~~	~~GSM Application Programming Interface~~	~~T2~~	~~Yes~~
07.10	Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol	T2	Yes
07.60	General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS	N3	Yes
08.01	General Aspects on the BSS-MSC Interface	G2	Yes

08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Yes
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	Yes
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	Yes
08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Yes
08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	G2	Yes
08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	G2	Yes
08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2	Yes
08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	Yes
08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	G2	Yes
08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	G2	Yes
08.54	BSC-BTS Layer 1; Structure of Physical Circuits	G2	Yes
08.56	BSC-BTS Layer 2; Specification	G2	Yes
08.58	Base Station Controler - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	G2	Yes
08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels	G1	Yes
08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels	G1	Yes
09.01	General Network Interworking Scenarios	N4	Yes
09.02	Mobile Application Part (MAP) Specification	N4	Yes
09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	N3	Yes
09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	N3	Yes
09.05	Interworking between the PLMN and the PSPDN for PAD Access	N3	Yes
09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	N3	Yes
09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	N3	Yes
09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	N1	Yes
09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	N4	Yes

09.11	Signalling Interworking for Supplementary Services	N4	Yes
09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	Yes
09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification	N1	Yes
09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	N1	Yes
09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface	N4	Yes
09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)	N3	Yes
09.78	CAMEL Application Part phase 2 (stage 3)	N2	Yes
~~09.90~~	~~Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)~~	~~N1~~	~~Yes~~
09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults	N1	Yes
~~10.00~~	~~Digital Cellular Telecommunication System Feature Description~~	~~S2~~	~~No~~
09.95	Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles	G1	Yes
10.02	Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+	N4	No
~~10.14~~	~~System overview for 14.4 kbit/s Work Item~~	~~S2~~	~~No~~
11.10-1	Mobile station (MS) conformance specification; Part 1: Conformance specification	G5	Yes
~~11.10-3~~	~~Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)~~	~~G5~~	~~Yes~~
~~11.10-4~~	~~Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification~~	~~G5~~	~~Yes~~
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	T3	Yes
11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface	T3	Yes
11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters	G3	Yes
~~12.02~~	~~Subscriber, Mobile Equipment (ME) and Services Data Administration~~	~~S5~~	~~Yes~~
12.05	Subscriber Related Call and Event Data	S5	Yes
~~12.08~~	~~Subscriber and Equipment trace~~	~~S5~~	~~Yes~~
12.11	Fault management of the Base Station System (BSS)	S5	Yes
12.15	General Packet Radio Service (GPRS); GPRS Charging	S5	Yes
12.21	Network Management (NM) procedures and messages on the A-bis interface	G3	Yes

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Hämeenlinna, Finland, June 2003

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CR-Form-v7

CHANGE REQUEST

⌘ **01.01** **CR** **015** ⌘**rev** **-** ⌘ Current version: **6.0.0** ⌘

*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:	⌘	Update of list of specs for next Release
Source:	⌘	MCC (Specifications Manager)
Work item code:	⌘	TEI
Date:	⌘	07/05/2003
Category:	⌘	**F**
Release:	⌘	R98

Use one of the following categories:
F *(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)*
Rel-6	*(Release 6)*

Reason for change:	⌘	Retrospective creation of definitive specs list for this GSM Release
Summary of change:	⌘	Adds / deletes specs
Consequences if not approved:	⌘	Doubt over which specs are valid for this Release

Clauses affected:	⌘	5			
Other specs affected:	⌘	**Y**	**N**		
			X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

Number	Title	WG prime	For publication?
01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	SP	Yes
~~01.02~~	~~General Description of a GSM Public Land Mobile Network (PLMN)~~	~~S1~~	~~Yes~~
01.04	Abbreviations and acronyms	GP	Yes
~~01.48~~	~~ISDN based DECT/GSM interworking; Feasibility study~~	~~S1~~	~~Yes~~
~~01.60~~	~~GPRS requirements~~	~~S1~~	~~Yes~~
01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0	S3	Yes
01.33	Lawful Interception requirements for GSM	S3	Yes
01.56	GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements	S1	Yes
01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements	S3	Yes
02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)	S1	Yes
02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	S1	Yes
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	S1	Yes
02.04	General on Supplementary Services	S1	Yes
02.06	Types of Mobile Stations (MS)	S1	Yes
02.07	Mobile Station (MS) Features	S1	Yes
02.09	Security aspects	S3	Yes
02.11	Service Accessibility	S1	Yes
02.16	International Mobile Station Equipment Identities (IMEI)	S1	Yes
02.17	Subscriber Identity Module (SIM); Functional characteristics	T3	Yes
02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1	T3	Yes
02.22	Stage 1 for personalisation of GSM ME	S1	Yes
02.24	Description of Charge Advice Information (CAI)	S1	Yes
02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	S1	Yes
02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3	Yes
02.32	Immediate Service Termination (IST); Service description; Stage 1	S3	Yes
02.33	Lawful Interception (LI); Stage 1	S3	Yes
02.34	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	Yes
02.40	Procedures for Call Progress Indications	S1	Yes
02.41	Operator Determined Barring	S1	Yes
02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1	S1	Yes
02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1	S1	Yes
02.48	Security mechanisms for the SIM Application Toolkit; Stage 1	T3	Yes
02.53	Tandem Free Operation (TFO); Service description; Stage 1	S4	Yes
02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	S1	Yes
02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1	S1	Yes
02.60	General Packet Radio Service Stage 1	S1	Yes

	Description		
02.63	Packet Data on Signalling channels Service (PDS); Stage 1	S1	Yes
02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1	S1	Yes
02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1	S1	Yes
02.68	Voice Group Call Service (VGCS); Stage 1	S1	Yes
02.69	Voice Broadcast Service (VBS); Stage 1	S1	Yes
02.71	Location Services (LCS); Stage 1	S1	Yes
02.72	Call Deflection Service description; Stage 1	S1	Yes
02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	S1	Yes
02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)	S1	Yes
02.81	Line Identification Supplementary Services; Stage 1	S1	Yes
02.82	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes
02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1	S1	Yes
02.84	MultiParty (MPTY) Supplementary Services; Stage 1	S1	Yes
02.85	Closed User Group (CUG) Supplementary Services; Stage 1	S1	Yes
02.86	Advice of Charge (AoC) Supplementary Services; Stage 1	S1	Yes
02.87	User-to-User Signalling (UUS) Service Description; Stage 1	S1	Yes
02.88	Call Barring (CB) Supplementary Services; Stage 1	S1	Yes
02.90	Unstructured Supplementary Service Data (USSD); Stage 1	S1	Yes
02.91	Explicit Call Transfer (ECT)	S1	Yes
02.93	Completion of Calls to Busy Subcriber (CCBS) Service Description; Stage 1	S1	Yes
02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1	S1	Yes
02.96	Name Identification Supplementary Services; Stage 1	S1	Yes
02.97	Multiple Subscriber Profile (MSP) Service description, Stage 1	S1	Yes
03.01	Network Functions	S2	Yes
03.02	Network Architecture	S2	Yes
03.03	Numbering, Addressing and Identification	N4	Yes
03.05	Technical performance objectives	NP	Yes
03.07	Restoration Procedures	N4	Yes
03.08	Organization of Subscriber Data	N4	Yes
03.09	Handover Procedures	N1	Yes
03.10	GSM Public Land Mobile Network (PLMN) Connection Types	N3	Yes
03.11	Technical Realization of Supplementary Services - General Aspects	N4	Yes
03.12	Location Registration Procedures	N4	Yes
03.13	Discontinuous Reception (DRX) in the GSM System	G1	Yes
03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	N1	Yes
03.15	Technical Realization of Operator Determined Barring	N4	Yes
03.16	Subscriber Data Management	N4	Yes
03.18	Basic Call Handling	N4	Yes
03.19	GSM API for SIM toolkit stage 2	T3	Yes
03.20	Security-related Network Functions	S3	Yes

03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode	G1	Yes
03.26	Multiband operation of GSM/DCS 1800 by a single operator	G1	Yes
03.30	Radio Network Planning Aspects	GP	Yes
03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3	Yes
03.32	Universal Geographical Area Description (GAD)	S2	Yes
03.33	Lawful Interception; Stage 2	S3	Yes
03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes
03.35	Immediate Service Termination (IST); Stage 2	S3	Yes
03.38	Alphabets and language-specific information	T2	Yes
03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)	T2	Yes
03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	T2	Yes
03.42	SMS Compression	T2	Yes
03.43	Support of Videotex	T2	Yes
03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	T2	Yes
03.45	Technical Realization of Facsimile Group 3 Service - transparent	N3	Yes
03.46	Technical Realization of Facsimile Group 3 Service - non transparent	N3	Yes
03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)	T2	Yes
03.48	Security mechanisms for SIM application toolkit; Stage 2	T3	Yes
03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controler (BSC)	T2	Yes
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	Yes
03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2	G1	Yes
03.53	Tandem Free Operation (TFO); Service description; Stage 2	S4	Yes
03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2	N3	Yes
03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2	S2	Yes
03.57	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2	T2	Yes
03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S4	Yes
03.60	General Packet Radio Service (GPRS) Service description; Stage 2	S2	Yes
03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2	N1	Yes
03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2	G1	Yes
03.66	Support of GSM Mobile Number Portability (MNP); Stage 2	N4	Yes
03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N4	Yes
03.68	Voice Group Call Service (VGCS); Stage 2	N1	Yes
03.69	Voice Broadcast service (VBS); Stage 2	N1	Yes
03.70	Routeing of Calls to/from Public Data Networks (PDN)	N3	Yes
03.71	Location Services (LCS); Functional description; Stage 2	S2	Yes
03.72	Call Deflection stage 2	N4	Yes

03.73	Support of Localised Service Area (SoLSA); Stage 2	N4	Yes
03.78	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2	N2	Yes
03.79	Support of Optimal Routeing phase 1; Stage 2	N4	Yes
03.81	Line Identification Supplementary Services; Stage 2	N4	Yes
03.82	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes
03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2	N4	Yes
03.84	Multi Party (MPTY) Supplementary Services; Stage 2	N4	Yes
03.85	Closed user Group (CUG) Supplementary Services; Stage 2	N4	Yes
03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	N4	Yes
03.87	User-to-user signalling (UUS); Stage 2	N4	Yes
03.88	Call Barring (CB) supplementary services; Stage 2	N4	Yes
03.90	Unstructured Supplementary Service Data (USSD)	N4	Yes
03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	Yes
03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	N4	Yes
03.96	Name Identification Supplementary Services; Stage 2	N4	Yes
03.97	Multiple subscriber Profile (MSP); Stage 2	N4	Yes
04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	Yes
04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	Yes
04.04	Layer 1 - General Requirements	G2	Yes
04.05	Data Link (DL) Layer General Aspects	G2	Yes
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	Yes
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	N1	Yes
04.08	Mobile radio interface layer 3 specification	N1	Yes
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes
04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	Yes
04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Yes
04.13	Performance Requirements on Mobile Radio Interface	N1	Yes
04.14	Individual equipment type requirements and interworking; Special conformance testing functions	G2	Yes
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3	Yes
04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services Switching Centre (BSS - MSC) interface	N3	Yes
04.30	Location Services (LCS); Supplementary service operations; Stage 3	N4	Yes
04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio	G2	Yes

	Resource LCS Protocol (RRLP)		
04.35	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods	G2	Yes
04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	N1	Yes
04.57	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	N1	Yes
04.60	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	G2	Yes
04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	N1	Yes
04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification	N1	Yes
04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)	N1	Yes
04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	Yes
04.68	Group Call Control (GCC) Protocol	N1	Yes
04.69	Broadcast Call Control (BCC) protocol	N1	Yes
04.71	Location Services (LCS); Mobile radio interface layer 3 specification	G2	Yes
04.72	Call Deflection (CD) Supplementary Service; Stage 3	N4	Yes
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	N4	Yes
04.81	Line Identification Supplementary Services; Stage 3	N4	Yes
04.82	Call Forwarding (CF) Supplementary Services; Stage 3	N4	Yes
04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3	N4	Yes
04.84	Multi Party (MPTY) Supplementary Services; Stage 3	N4	Yes
04.85	Closed User Group (CUG) Supplementary Services; Stage 3	N4	Yes
04.86	Advice of Charge (AoC) Supplementary Services; Stage 3	N4	Yes
04.87	User-to-User Signalling (UUS) Supplementary Service; Stage 3	N4	Yes
04.88	Call Barring (CB) Supplementary Services; Stage 3	N4	Yes
04.90	Unstructured Supplementary Service Data (USSD)	N4	Yes
04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	Yes
04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3	N4	Yes
04.96	Name Identification Supplementary Services; Stage 3	N4	Yes
05.01	Physical Layer on the Radio Path (General Description)	G1	Yes
05.02	Multiplexing and Multiple Access on the Radio Path	G1	Yes
05.03	Channel coding	G1	Yes
05.04	Modulation	G1	Yes
05.05	Radio Transmission and Reception	G1	Yes
05.08	Radio Subsystem Link Control	G1	Yes

05.09	Link adaptation	G1	Yes
05.10	Radio subsystem synchronization	G1	Yes
05.14	Release independent frequency bands; Implementation guidelines	G1	Yes
05.22	Radio link management in hierarchical networks	G1	Yes
05.50	Background for RF Requirements	G1	Yes
05.56	GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem	G1	Yes
05.90	GSM Electromagnetic Compatibility (EMC) considerations	G1	Yes
06.01	Full Rate Speech Processing Functions	S4	Yes
06.02	Half Rate Speech Processing Functions	S4	Yes
06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	S4	Yes
06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	S4	Yes
06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4	Yes
06.10	Full Rate Speech Transcoding	S4	Yes
06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4	Yes
06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	Yes
06.20	Half Rate Speech Transcoding	S4	Yes
06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4	Yes
06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4	Yes
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	Yes
06.32	Voice Activity Detection (VAD)	S4	Yes
06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4	Yes
06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4	Yes
06.51	GSM Enhanced full rate speech processing functions: General description	S4	Yes
06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec	S4	Yes
06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	S4	Yes
06.55	Performance characterisation of the GSM EFR Speech Codec	S4	Yes
06.60	Enhanced full rate speech transcoding	S4	Yes
06.61	Substitution and muting of lost frames for encanced full rate speech traffic channels	S4	Yes
06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4	Yes
06.71	Adaptive Multi-Rate speech processing functions; General description	S4	Yes
06.73	Adaptive Multi Rate (AMR) speech; ANSI-C code for the AMR speech codec	S4	Yes
06.74	Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec	S4	Yes
06.75	Performance characterization of the GSM Adaptive Multi-Rate (AMR) speech codec	S4	Yes
06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report	S4	Yes
06.81	Discontinuous Transmission (DTX) for encanced full rate speech traffic channels	S4	Yes
06.82	Voice Activity Detection (VAD) for encanced full rate speech traffic channels	S4	Yes
06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	S4	Yes
06.90	Adaptive Multi-Rate speech transcoding	S4	Yes

06.91	Substitution and muting of lost frames for AMR speech traffic channels	S4	Yes
06.92	Comfort noise aspects for Adaptive Multi-Rate speech traffic channels	S4	Yes
06.93	Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels	S4	Yes
06.94	Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels	S4	Yes
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	N3	Yes
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	N3	Yes
07.05	Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)	T2	Yes
07.07	AT Command set for GSM Mobile Equipment (ME)	T2	Yes
07.10	Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol	T2	Yes
07.60	General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS	N3	Yes
08.01	General Aspects on the BSS-MSC Interface	G2	Yes
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Yes
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	Yes
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	Yes
08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Yes
08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	G2	Yes
08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	G2	Yes
08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2	Yes
08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	Yes
08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	G2	Yes
08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	G2	Yes
08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	G2	Yes
08.54	BSC-BTS Layer 1; Structure of Physical Circuits	G2	Yes
08.56	BSC-BTS Layer 2; Specification	G2	Yes
08.58	Base Station Controler - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	G2	Yes
08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels	G1	Yes

08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels	G1	Yes
08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	S4	Yes
08.71	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3	G2	Yes
09.01	General Network Interworking Scenarios	N4	Yes
09.02	Mobile Application Part (MAP) Specification	N4	Yes
09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	N3	Yes
09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	N3	Yes
09.05	Interworking between the PLMN and the PSPDN for PAD Access	N3	Yes
09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	N3	Yes
09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	N3	Yes
09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	N1	Yes
09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	N4	Yes
09.11	Signalling Interworking for Supplementary Services	N4	Yes
09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	Yes
09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling	SPAN3	Yes
09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification	N1	Yes
09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	N1	Yes
09.31	Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)	G2	Yes
09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface	N4	Yes
09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)	N3	Yes
09.78	CAMEL Application Part phase 2 (stage 3)	N2	Yes
09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults	N1	Yes
09.95	Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles	G1	Yes
~~10.02~~	~~Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+~~	~~N4~~	~~No~~
10.00	Digital Cellular Telecommunication System	S2	No

	Feature Description		
10.56	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1	S2	No
10.70	GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR	S4	No
11.10-1	Mobile station (MS) conformance specification; Part 1: Conformance specification	G5	Yes
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	T3	Yes
11.13	Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card	T3	Yes
11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface	T3	Yes
11.17	Subscriber Interface Module (SIM) test specification	T3	Yes
11.18	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface	T3	Yes
11.19	CTS SIM Fixed Part	T3	Yes
11.21	Base Station System (BSS) equipment specification; Radio aspects	G3	Yes
11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters	G3	Yes
12.03	Security Management	S5	Yes
12.04	Performance data measurements	S5	Yes
12.05	Subscriber Related Call and Event Data	S5	Yes
~~12.11~~	~~Fault management of the Base Station System (BSS)~~	~~S5~~	~~Yes~~
12.15	General Packet Radio Service (GPRS); GPRS Charging	S5	Yes
12.21	Network Management (NM) procedures and messages on the A-bis interface	G3	Yes
12.71	Location Services (LCS); Location services management	S5	Yes