

Technical Specification Group Core Network
Technical Specification Group Radio Access Network
Technical Specification Group Terminals
Technical Specification Group Services and System Aspects
Meeting #13, Beijing, 18 - 27 September 2001

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"2nd Generation mobile system Release 5 specifications"

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RAN: information
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Agenda Item: **CN: 11**
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T: 6
SA: 8.8

TS 41.103 lists the GSM specifications for Release 5. This is a draft for information, and the table of specs is far from complete. It shows those specs and reports which either exist already or which the TSGs have shown a clear intention of producing.

During the December 2001 meetings - the anticipated freeze date for Release-5 -, the TSGs will be expected to decide on a case by case basis which of the remaining Release-4 specifications are to be migrated to Release-5.

3GPP TS 41.103 V1.0.0 (2001-09)

Technical Specification

3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; GSM Release 5 specifications (Release 5)



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Foreword

This Technical Specification has been produced by the 3rd Generation Partnership Project (3GPP).

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

- x the first digit:
 - 1 presented to TSG for information;
 - 2 presented to TSG for approval;
 - 3 or greater indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

1 Scope

The present document identifies the GSM system specifications for GSM Release 5.

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 21.905: " Vocabulary for 3GPP Specifications".

[2] 3GPP TR 21.900: "Technical Specification Group working methods".

3 Abbreviations

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

Number	Title	WG prime	For publication
22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1	Yes
22.057	Mobile Execution Environment (MExE); Stage 1	S1	Yes
22.078	CAMEL; Stage 1	S1	Yes
22.115	Service Aspects Charging and billing	S1	Yes
22.121	Service aspects; The Virtual Home Environment; Stage 1	S1	Yes
23.002	Network Architecture	S2	Yes
23.003	Numbering, Addressing and Identification	N4	Yes
23.018	Basic Call Handling; Technical realization	N4	Yes

23.040	Technical realization of Short Message Service (SMS)	T2	Yes
23.048	Security Mechanisms for SIM Toolkit Application; Stage 2	T3	Yes
23.084	MultiParty (MPTY) Supplementary Service; Stage 2	N4	Yes
23.221	Architectural requirements	S2	Yes
23.271	Functional stage 2 description of location services	S2	Yes
24.008	Mobile Radio Interface Layer 3 specification; Core Network Protocols; Stage 3	N1	Yes
41.103	GSM Release 5 specifications	SP	Yes
42.019	Subscriber Identity Module Application Programming Interface (SIM API); Service description; Stage 1	T3	Yes
43.019	GSM Application Programming Interface (API) for Subscriber Interface Module (SIM) toolkit stage 2	T3	Yes
43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	Yes
43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2	G1	Yes
43.059	Functional stage 2 description of Location Services in GERAN	GP	Yes
43.900	Support for voice optimization for the IMS in the GERAN	G2	Yes
44.018	Mobile Radio Interface - Layer 3 Specification RR part	G2	Yes
44.031	Location Services LCS RR LCS Protocol	G2	Yes
45.001	Physical Layer on the Radio Path (General Description)	G1	Yes
45.002	Multiplexing and Multiple Access on the Radio Path	G1	Yes
45.003	Channel coding	G1	Yes
45.005	Radio transmission and reception	G1	Yes
45.008	Radio subsystem link control	G1	Yes
45.009	Link adaptation	G1	Yes
48.002	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Yes
48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Yes
48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	G2	Yes
48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2	Yes
48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	G2	Yes
49.031	Location Services LCS Extension (BSSAP-LE)	G2	Yes

Annex A (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
2001-06	SP-12	SP-010278	-	-	First draft		0.0.0
2001-06-20	SP-12	SP-010384			updates table of specs	0.0.0	0.1.0
2001-09-12	SP-13	SP-010421			updates table of specs	0.1.0	1.0.0