

**Technical Specification Group Core Network
Meeting #12, Stockholm, 13 - 15 June 2001**

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**Technical Specification Group Radio Access Network
Meeting #12, Stockholm, 12 - 15 June 0138**

TSGR#12(01)0447

**Technical Specification Group Terminals
Meeting #12, Stockholm, 13 - 15 June 2001**

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

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"GSM Release 5 specifications"

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T: information
SA: information

Agenda Item: **CN: 11**
RAN: 12
T: 6
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TS 41.103 lists the GSM specifications for Release 5. This is a first draft, 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 V0.0.0 (2001-06)

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: "3G vocabulary".

[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

The first column shows the prior-Release specification number, if any, corresponding to the spec number given in the second column.

| Number | Title | WG prime | For publication |
|----------|--|----------|-----------------|
| 22.038 | SIM application toolkit (SAT); Stage 1 | S1 | Yes |
| 22.057 | Mobile Station Application 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 | Provision of Services in UMTS - The Virtual Home Environment; Stage 1 | S1 | Yes |
| 23.002 | Network Architecture | S2 | Yes |
| 23.221 | Architectural requirements | S2 | Yes |
| 23.271 | Functional stage 2 description of location services | S2 | Yes |
| 32.600 | Telecommunication Management; Configuration Management; 3G configuration management; Concept and main requirements | S5 | Yes |
| 32.601-1 | Telecommunication Management; Configuration Management; Part 1: Basic CM IRP: requirements | S5 | Yes |
| 32.601-2 | Telecommunication Management; Configuration Management; Part 2: Basic configuration management IRP information model | S5 | Yes |
| 32.601-3 | Telecommunication Management; Configuration Management; Part 3: Basic configuration management IRP: CORBA solution set | S5 | Yes |
| 32.620-1 | Telecommunication Management; Configuration Management; Part 1: Generic network resources IRP: requirements | S5 | Yes |
| 32.620-2 | Telecommunication Management; Configuration Management; Part 2: Generic network resources IRP: NRM | S5 | Yes |
| 32.620-3 | Telecommunication Management; Configuration Management; Part 3: Generic network resources IRP: CORBA solution set | S5 | Yes |
| 32.620-4 | Telecommunication Management; Configuration Management; Part 4: Generic network resources: IRP CMIP solution set | S5 | Yes |
| 32.621-2 | Telecommunication Management; Configuration Management; Core Network Resources IRP: NRM | S5 | Yes |
| 32.621-3 | Telecommunication Management; Configuration Management; Part 3: Core network resources IRP: CORBA solution set | S5 | Yes |
| 32.621-4 | Telecommunication Management; Configuration Management; Part 4: Core network resources IRP: CMIP solution set | S5 | Yes |
| 32.623-2 | Telecommunication Management; Configuration Management; Part 2: GERAN network resources IRP: NRM | S5 | Yes |
| 32.623-3 | Telecommunication Management; Configuration Management; Part 3: GERAN network resources IRP: CORBA solution set | S5 | Yes |
| 32.623-4 | Telecommunication Management; Configuration Management; Part 4: GERAN network resources IRP: CMIP solution set | S5 | 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 |
| 44.018 | Mobile Radio Interface - Layer 3 Specification RR part | 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 |
| 48.008 | Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification | G2 | Yes |
| 48.058 | Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification | 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 |
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