

ETSI TS 141 101 V16.0.0 (2020-08)



**Digital cellular telecommunications system (Phase 2+) (GSM);
Technical Specifications and Technical Reports
for a GERAN-based 3GPP system
(3GPP TS 41.101 version 16.0.0 Release 16)**



Reference

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Keywords

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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 3GPP system specifications for Release 16. The specifications and reports of this Release have a major version number 16 (i.e. 16.x.y). The listed Specifications are required to build a system based on GERAN radio technology.

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 [1] apply.

4 General

The numbering scheme for specifications is described in 3GPP TR 21.900 [2].

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: Some of the algorithm specifications in the 35.-series are available only under licence.

NOTE 3: "Type" indicates Technical Specification (TS) or Technical Report (TR).

NOTE 4: For definition of "freezing" of specifications (last two columns), see 3GPP TS 21.900 [2].

The list of Technical Specifications and Technical Reports can be found at:

www.3gpp.org/dynareport/SpecList.htm?release=Rel-16&tech=1.

Annex A (informative): Change history

Change history						
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	New version
2001-06	SP-12	SP-010278	-	-	First draft	3GPP TS 41.103 version 0.0.0
2001-06-20	SP-12	SP-010384			updates table of specs	0.1.0
2001-09-12	SP-13	SP-010421			updates table of specs	1.0.0
2002-03-04	SP-15	SP-020098			updates table of specs; adds columns for freeze info	1.1.0
2002-03-13	SP-15	SP-020203			updates table of specs	1.2.0
2002-06-03	SP-16	SP-020274			updates table of specs, minor corrections	2.0.0
2002-06-11	SP-16	SP-020401			updates table of specs, minor corrections	2.1.0
2002-06-12	SP-16	SP-020411			updates table of specs; sets unknown freeze target dates blank	2.2.0
	SP-16				approved	5.0.0
2002-09	SP-17	SP-020616	001	1	update list of specs; editorial corrections to spec titles	5.1.0
2002-12	SP-18	SP-020833	002	1	Correction to list of specs, editorial corrections to spec titles	5.2.0
2003-03	SP-19	SP-030077	003	1	Correction to list of specs, editorial corrections to spec titles	5.3.0
2003-06	SP-20	SP-030229	004		Correction to list of specs	3GPP TS 41.101 version 5.4.0
		SP-030235			Renumber from 41.103 to 41.101	
2003-12	SP-22	SP-030574	001		Correction to list of specs, editorial corrections to spec titles	5.5.0
2004-01					Correction to typo in previous line of this table.	5.5.1
2004-01					Correction to typo on cover page	5.5.2
2004-03	SP-23	SP-040221	003		Corrections to list of specifications	5.6.0
2004-06	SP-24	SP-040358	005		Corrections to list of specifications	5.7.0
2004-09	SP-25	SP-040604	007		Corrections to list of specifications	5.8.0
2004-12	SP-26	SP-040880	009	1	Corrections to list of specifications	6.0.0
2005-03	SP-27	SP-050126	012		Corrections to list of specifications	6.1.0
2005-06	SP-28	SP-050356	013		Corrections to list of specifications	6.2.0
2005-09	SP-29	SP-050470	014		Change instances of Release 5 to Release 6	6.3.0
		SP-050462	016		Corrections to list of specifications	
2005-12	SP-30	SP-050845	017	1	Corrections to list of specifications	6.4.0
2006-03	SP-31	SP-060167	019		Corrections to list of specifications	6.5.0
2006-09	SP-33	SP-060613	020		Corrections to list of specifications	6.6.0
2006-12	SP-34	SP-060901	021		Correction to list of Specs	6.7.0
2007-03	SP-35	SP-070188	024		Correction to list of Specs	6.8.0
2007-06	SP-36	SP-070344	025		Correction to list of Specs	6.9.0
2007-09	SP-37	SP-070519	026		Upgrade to Rel-7	7.0.0
2007-12	SP-38	SP-070770	030		Correction to list of Specs	7.1.0
			034		Update of informative text	
2008-12	SP-42	SP-080722	035	1	Correction to list of Specs	7.2.0
2009-03	SP-43	SP-090033	038	1	List of Rel-8 specifications	8.0.0
2009-06	SP-44	SP-090382	039	1	Correction to list of specifications	8.1.0
2009-12	SP-46	SP-090695	044	1	Correction to list of specifications	8.2.0
2010-03	SP-47	SP-10012	045		Update list of specs	9.0.0
2011-03	SP-51				Upgrade on freezing of Release	10.0.0
2011-06	SP-52	SP-110298	047		Correction to list of specifications	10.1.0
2012-03	SP-55	SP-120114	051	1	Changes to list of Specs: GERAN systems	10.2.0
2013-03	SP-59	SP-130155	052		Update to list of specs	10.3.0
2013-03	SP-59	SP-130155	053		Update to list of specs	11.0.0
2014-06	SP-64	SP-140200	55		Update to list of specs	11.1.0

Change history							
Date	Meeting	TDoc	CR	Rev	Cat	Subject/Comment	New version
2016-03	SA#71	SP-160129	0057		F	Update to list of specs	12.0.0
2016-05						Deletion of blank table in clause 5	12.0.1
2016-12	SA#74	SP-160972	0058	1	F	Update to list of specs	13.0.0
2017-03	SA#75					Promotion to Release 14 without technical change	14.0.0
2017-06	SA#76	SP-170458	0059		F	Replace list of specs with pointer to web page showing up to date list	14.1.0
2018-06	SA#80					Promotion to Release 15 without technical change	15.0.0
2018-06						Include v15.0.0 line accidentally omitted from change history	15.0.1
2020-07	SA#88-e					Upgrade on freezing of Release 16.	16.0.0

History

Document history		
V16.0.0	August 2020	Publication