Technical Specification Group Core Network *TSGN#12(01)0338*
Meeting #12, Stockholm, 13 - 15 June 2001

Technical Specification Group Radio Access Network *TSGR#12(01)0444*
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Technical Specification Group Terminals *TSGT#12(01)0138*
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Technical Specification Group Services and System Aspects *TSGS#12(01)0275*
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TS 21.103 lists the UMTS 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 21.103 V0.0.0 (2001-06)

Technical Specification

3rd Generation Partnership Project;
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(Release 5)

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Contents

Foreword

This Technical Specification (TS) 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 3rd generation mobile system specifications for Release 5. The specifications and reports of 3G Release 5 have a major version number 5 (e.g. 5.x.y).

Most of the core Release 5 Technical Specifications and Technical Reports will be functionally frozen at the 14th Technical Specification Group meetings in December 2001.

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 21.905: "Vocabulary for 3GPP Specifications".

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

3 Abbreviations

For the purposes of the present document, the terms and definitions given in 3GPP TS 21.905 [1] apply.

4 General

Release 5 consists of 3G-only specifications and the GSM Core Network specifications developed for both GSM Release 5 and Release 5 of the 3rd Generation mobile system.

The present document identifies the 3G system set of specifications required to implement Release 5.

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

5 Specifications and Reports of 3G Release 4

NOTE 1: The final 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).

Type	Number	Title	WG prime	For pub-lication
TS	22.038	SIM application toolkit (SAT); Stage 1	S1	Yes
TS	22.057	Mobile Station Application Execution Environment (MExE); Stage 1	S1	Yes
TS	22.078	CAMEL; Stage 1	S1	Yes
TS	22.101	UMTS Service principles	S1	Yes
TS	22.115	Service Aspects Charging and billing	S1	Yes
TS	22.121	Provision of Services in UMTS - The Virtual Home Environment; Stage 1	S1	Yes
TS	22.141	Support of Presence Capability (SOP); stage 1	S1	Yes
TS	22.226	Global text telephony; Stage 1: Service description	S1	Yes
TS	22.228	IP multimedia subsystem; Stage 1	S1	Yes
TR	22.928	IP-based multimedia services examples	S1	Yes
TR	22.941	IP based multimedia framework specifications	S1	Yes
TR	22.946	Broadcast and multicast services	S1	Yes
TS	23.002	Network Architecture	S2	Yes
TS	23.107	Quality of Service, Concept and Architecture	S2	Yes
TS	23.218	IP Multimedia (IM) session handling; IM call model	N1	Yes
TS	23.221	Architectural requirements	S2	Yes
TS	23.226	Global text telephony; Stage 2: Architecture	N4	Yes
TS	23.228	IP multimedia subsystem; Stage 2	S2	Yes
TS	23.236	Intra-domain connection of radio access network nodes to multiple core network nodes	S2	Yes
TS	23.271	Functional stage 2 description of location services	S2	Yes
TR	23.955	Virtual Home Environment (VHE) concepts	S2	Yes
TR	23.974	Support of push service	S2	Yes
TS	24.228	Signalling flows for the IP multimedia call control based on SIP and SDP; stage 3	N1	Yes
TS	24.229	IP Multimedia Call Control Protocol based on SIP and SDP; stage 3	N1	Yes
TS	25.305	Stage 2 functional specification of UE positioning in UTRAN	R2	Yes
TS	25.450	UTRAN Iupc interface general aspects and principles	R3	Yes
TS	25.451	UTRAN Iupc interface layer 1	R3	Yes
TS	25.452	UTRAN Iupc interface signalling transport	R3	Yes
TS	25.453	UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling	R3	Yes
TR	25.854	Uplink Synchronous Transmission Scheme (USTS)	R1	No
TR	25.855	High Speed Downlink Packet Access (HSDPA); Overall UTRAN description	R2	No
TR	25.856	High Speed Downlink Packet Access (HSDPA); Layer 2 and 3 aspects hans	R2	No
TR	25.857	UE positioning enhancements	R2	No
TR	25.858	Physical layer aspects of UTRA High Speed Downlink Packet Access	R1	No
TR	25.868	Node B synchronization for 1,28 Mcps, TDD	R1	No
TR	25.869	RAN WG1 report on Tx diversity solutions for multiple antennas	R1	No
TR	25.870	Enhancement on the DSCH Hard Split mode	R1	Yes
TR	25.875	NAS node selector function	R3	No
TS	26.103	Codec lists	S4	Yes
TS	26.131	Narrow Band (3,1kHz) Speech & Video Telephony Terminal Acoustic Characteristics	S4	Yes
TS	26.132	Narrow Band (3,1kHz) Speech & Video Telephony Terminal Acoustic Test Specification.	S4	Yes
TS	26.171	AMR speech codec, wideband; General description	S4	Yes
TS	26.173	AMR speech codec, wideband; C-source code	S4	Yes

TS	26.174	AMR speech codec, wideband; Test sequences	S4	Yes
TS	26.190	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions	S4	Yes
TS	26.191	AMR speech codec, wideband; Error concealment of lost frames	S4	Yes
TS	26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects	S4	Yes
TS	26.193	AMR speech codec, wideband; Source Controlled Rate operation	S4	Yes
TS	26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)	S4	Yes
TS	26.201	AMR speech codec, wideband; Frame structure	S4	Yes
TS	26.202	AMR speech codec, wideband; Interface to Iu and Uu	S4	Yes
TS	26.226	Global text telephony;Transport of text in the voice channel	S4	Yes
TS	26.230	Global text telephony; Cellular text telephone modem transmitter C-code description description	S4	Yes
TS	26.231	Global text telephony; Cellular text telephone modem minimum performance requirements	S4	Yes
TR	26.976	Results of the AMR wideband (AMR-W) selection phase	S4	Yes
TS	27.104	vObjects and other constructs for data synchronization	T2	Yes
TS	27.226	Global Text telephony;Terminal aspects	T2	Yes
TS	29.162	Interworking between the IM CN subsystem and IP networks	N3	Yes
TS	29.163	Interworking between the IM CN subsystem and CS networks	N3	Yes
TS	29.198-09	Open Service Access (OSA) Application Programming Interface (API); Part 9: Generic messaging SCF	N5	Yes
TS	29.198-10	Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager SCF	N5	Yes
TS	29.207	End to end quality of service; stage 3	N3	Yes
TS	29.226	reserved	N4	Yes
TS	29.228	IP Multimedia (IM) Subsystem Cx Interface; Signalling flows and message contents	N4	Yes
TR	29.903	Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)	N4	Yes
TR	29.998-04-2	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 2:	N5	Yes
TR	29.998-05-2	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 2:	N5	Yes
TR	29.998-05-3	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 3	N5	Yes
TS	32.300	Telecommunication Management; Configuration Management; Part 8: Name convention for Managed Objects	S5	Yes
TS	32.301-1	Telecommunication Management; Configuration Management; Notification IRP: requirements	S5	Yes
TS	32.301-2	Telecommunication Management; Configuration Management; Part 2: Notification Integration Reference Point; Information Service version 1	S5	Yes
TS	32.301-3	Telecommunication Management; Configuration Management; Part 3: Notification Integration Reference Point; CORBA solution set version 1:1	S5	Yes
TS	32.301-4	Telecommunication Management; Configuration Management; Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1	S5	Yes
TS	32.600	Telecommunication Management; Configuration Management; 3G configuration management; Concept and main requirements	S5	Yes
TS	32.601-1	Telecommunication Management; Configuration Management; Part 1: Basic CM IRP: requirements	S5	Yes
TS	32.601-2	Telecommunication Management; Configuration Management; Part 2: Basic configuration management IRP information model	S5	Yes
TS	32.601-3	Telecommunication Management; Configuration Management; Part 3: Basic configuration management IRP: CORBA solution set	S5	Yes
TS	32.601-4	Telecommunication Management; Configuration Management; Part 4: Basic configuration management IRP CMIP solution set	S5	Yes
TS	32.620-1	Telecommunication Management; Configuration Management; Part 1: Generic network resources IRP: requirements	S5	Yes
TS	32.620-2	Telecommunication Management; Configuration Management; Part 2:	S5	Yes

		Generic network resources IRP: NRM		
TS	32.620-3	Telecommunication Management; Configuration Management; Part 3: Generic network resources IRP: CORBA solution set	S5	Yes
TS	32.620-4	Telecommunication Management; Configuration Management; Part 4: Generic network resources: IRP CMIP solution set	S5	Yes
TS	32.621-1	Telecommunication Management; Configuration Management; Part 1: Core network resources IRP: requirements	S5	Yes
TS	32.621-2	Telecommunication Management; Configuration Management; Core Network Resources IRP: NRM	S5	Yes
TS	32.621-3	Telecommunication Management; Configuration Management; Part 3: Core network resources IRP: CORBA solution set	S5	Yes
TS	32.621-4	Telecommunication Management; Configuration Management; Part 4: Core network resources IRP: CMIP solution set	S5	Yes
TS	32.622-1	Telecommunication Management; Configuration Management; Part 1: UTRAN network resources IRP: requirements	S5	Yes
TS	32.622-2	Telecommunication Management; Configuration Management; Part 2: UTRAN network resources IRP: NRM	S5	Yes
TS	32.622-3	Telecommunication Management; Configuration Management; Part 3: UTRAN network resources IRP: CORBA solution set	S5	Yes
TS	32.622-4	Telecommunication Management; Configuration Management; Part 4: UTRAN network resources IRP: CMIP solution set	S5	Yes
TS	32.623-1	Telecommunication Management; Configuration Management; Part 1: GERAN network resources IRP: requirements	S5	Yes
TR	32.801	Performance management	S5	No
TS	33.106	Lawful interception requirements	S3	Yes
TS	33.108	Lawful Interception; Interface between core network and law agency equipment	S3	Yes
TS	33.201	Access domain security	S3	Yes
TS	33.203	Access Security for IP based services	S3	Yes
TS	33.210	Network Domain Security - IP	S3	Yes
TR	33.800	Principles for Network Domain Security	S3	No
TR	33.903	Access Security for IP based services	S3	Yes

Annex A (informative): Change history

Change history					
TSG SA#	**Version**	**CR**	**Tdoc SA**	**New Version**	**Subject/Comment**
SP-12	0.0.0	-	SP-010275		First draft