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	mailto:john.meredith@etsi.fr
Title:	**3GPP TS 21.103 v1.1.0:**
	"3rd Generation mobile system Release 5 specifications"
Document for:	**information**

TS 21.103 lists the 3GPP specifications for a Release 5 system with UTRAN. 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. Additionally, information on the freeze date for each spec is shown (see 21.900).

Following the freeze of Rel-5 (anticipated at SA#15), the remaining specs can be identified and 21.103 can be brought under change control.

3GPP TS 21.103 V1.1.0 (2002-03)

Technical Specification

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

Keywords

UMTS, architecture

3GPP

Postal address

3GPP support office address

650 Route des Lucioles - Sophia Antipolis

Valbonne - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Internet

http://www.3gpp.org

3GPP

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 5

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 publication?	freeze date	frozen
TS	21.103	3rd Generation mobile system Release 5 specifications	SP	Yes	14/03/2002	yes
TR	21.877	Radio optimization impacts on the Packet Switched (PS) domain architecture	S2	No	13/06/2002	
TR	21.905	Vocabulary for 3GPP Specifications	S1	Yes	14/03/2002	yes
TS	22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	S1	Yes	14/03/2002	yes
TS	22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1	Yes	14/03/2002	yes
TS	22.057	Mobile Execution Environment (MExE); Stage 1	S1	Yes	14/03/2002	yes
TS	22.060	General Packet Radio Service (GPRS); Service description; Stage 1	S1	Yes	14/03/2002	yes
TS	22.071	Location Services (LCS); Stage 1	S1	Yes	14/03/2002	yes
TS	22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	S1	Yes	14/03/2002	yes
TS	22.101	Service aspects; Service principles	S1	Yes	14/03/2002	yes
TS	22.105	Services & service capabilities	S1	Yes	14/03/2002	yes
TS	22.112	USIM toolkit interpreter; Stage 1	T3	Yes	08/03/2002	yes
TS	22.115	Service Aspects Charging and billing	S1	Yes	14/03/2002	yes
TS	22.121	Service aspects; The Virtual Home Environment; Stage 1	S1	Yes	14/03/2002	yes
TS	22.127	Service Requirement for the Open Services Access (OSA); Stage 1	S1	Yes	14/03/2002	yes
TS	22.129	Handover requirements between UTRAN and GERAN or other radio systems	S1	Yes	14/03/2002	yes
TS	22.140	Service aspects; Stage 1; Multimedia Messaging Service	S1	Yes	14/03/2002	yes
TS	22.141	Presence service; Stage 1	S1	Yes	14/03/2002	yes
TS	22.146	Multimedia Broadcast/Multicast Service (MBMS); Stage 1	S1	Yes	14/03/2002	yes
TS	22.174	Push service; stage 1	S1	Yes	14/03/2002	yes
TS	22.226	Global text telephony; Stage 1: Service description	S1	Yes	14/03/2002	yes
TS	22.228	IP multimedia subsystem; Stage 1	S1	Yes	14/03/2002	yes
TS	22.233	Transparent end-to-end packet-switched streamng service; Service aspects; Stage 1	S1	Yes	14/03/2002	yes
TS	22.240	3GPP generic user profile requirements; Stage 1	S1	Yes	14/03/2002	yes
TS	22.243	Distributed speech recognition based automated voice services	S1	Yes	14/03/2002	yes
TR	22.928	IP-based multimedia services examples	S1	Yes	14/03/2002	yes
TR	22.941	IP based multimedia framework; Stage 0	S1	Yes	14/03/2002	yes
TR	22.944	Service requirements for UE functionality split	S1	Yes	14/03/2002	yes
TR	22.976	Study on PS domain services and capabilities	S1	Yes	14/03/2002	yes
TS	23.002	Network Architecture	S2	Yes	14/03/2002	yes
TS	23.003	Numbering, Addressing and Identification	N4	Yes	14/03/2002	yes
TS	23.009	Handover procedures	N1	Yes	14/03/2002	yes
TS	23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1	Yes	08/03/2002	yes

Type	Number	Title	WG prime	For publication ?	freeze date	frozen
TS	23.018	Basic Call Handling; Technical realization	N4	Yes	14/03/2002	yes
TS	23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes	08/03/2002	yes
TS	23.040	Technical realization of Short Message Service (SMS)	T2	Yes	14/03/2002	yes
TS	23.048	Security Mechanisms for the (U)SIM application toolkit; Stage 2	T3	Yes	08/03/2002	yes
TS	23.060	General Packet Radio Service (GPRS) Service description; Stage 2	S2	Yes	14/03/2002	yes
TS	23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 3 - Stage 2	N2	Yes	07/06/2002	
TS	23.084	MultiParty (MPTY) Supplementary Service; Stage 2	N4	Yes	14/03/2002	yes
TS	23.107	Quality of Service (QoS) concept and architecture	S2	Yes	14/03/2002	yes
TS	23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	N1	Yes	08/03/2002	yes
TS	23.127	Virtual Home Environment (VHE); Stage 2	S2	Yes	14/03/2002	yes
TS	23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	T2	Yes	08/03/2002	yes
TS	23.146	Technical realisation of facsimile Group 3 service - non-transparent	N3	Yes	08/03/2002	yes
TS	23.174	Push service; stage 2	S2	Yes	14/03/2002	yes
TS	23.205	Bearer-independent circuit-switched core network; Stage 2	N4	Yes	08/03/2002	yes
TS	23.207	End to end quality of service concept and architecture	S2	Yes	14/03/2002	yes
TS	23.218	IP Multimedia (IM) session handling; IM call model	N1	Yes	08/03/2002	yes
TS	23.221	Architectural requirements	S2	Yes	14/03/2002	yes
TS	23.226	Global text telephony; Stage 2: Architecture	N4	Yes	08/03/2002	yes
TS	23.227	Application and user interaction in the UE; Principles and specific requirements	T2	Yes	08/03/2002	yes
TS	23.228	IP Multimedia Subsystem (IMS); Stage 2	S2	Yes	14/03/2002	yes
TS	23.236	Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes	S2	Yes	14/03/2002	yes
TS	23.240	3GPP generic user profile requirements; Stage 2; Architecture	S2	Yes	14/03/2002	yes
TS	23.241	3GPP generic user profile requirements; Stage 2; Data description framework	T2	Yes	14/03/2002	yes
TS	23.271	Functional stage 2 description of location services	S2	Yes	14/03/2002	yes
TR	23.815	Charging implications of IMS architecture	S2	No	14/03/2002	yes
TR	23.841	Presence service architecture	S2	Yes	14/03/2002	yes
TR	23.846	Multimedia Broadcast/Multicast Service (MBMS); Stage 2	S2	Yes	14/03/2002	yes
TR	23.871	Enhanced support for user privacy in Location Services (LCS)	S2	No	14/03/2002	yes
TR	23.875	Support of Push service	S2	No	14/03/2002	yes
TR	23.910	Circuit switched data bearer services	N3	Yes	08/03/2002	yes
TR	23.955	Virtual Home Environment (VHE) concepts	S2	Yes	14/03/2002	yes
TS	24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes	08/03/2002	yes
TS	24.007	Mobile radio interface signalling layer 3; General Aspects	N1	Yes	08/03/2002	yes
TS	24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3	N1	Yes	14/03/2002	yes
TS	24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	Yes	08/03/2002	yes
TS	24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	N3	Yes	08/03/2002	yes
TS	24.228	Signalling flows for the IP multimedia call control based on SIP and SDP; stage 3	N1	Yes	07/06/2002	
TS	24.229	IP Multimedia Call Control Protocol based on SIP	N1	Yes	07/06/2002	

Type	Number	Title	WG prime	For publication ?	freeze date	frozen
		and SDP; stage 3				
TS	24.241	3GPP generic user profile requirements; Stage 3; Access; Common objects	T2	Yes	07/06/2002	
TS	25.101	UE Radio transmission and reception (FDD)	R4	Yes	08/03/2002	yes
TS	25.104	UTRA (BS) FDD; Radio transmission and reception	R4	Yes	08/03/2002	yes
TS	25.133	Requirements for support of radio resource management (FDD)	R4	Yes	08/03/2002	yes
TS	25.141	Base station conformance testing (FDD)	R4	Yes	08/03/2002	yes
TS	25.305	Stage 2 functional specification of UE positioning in UTRAN	R2	Yes	14/03/2002	yes
TS	25.308	UTRA High Speed Downlink Packet Access (HSPDA); Overall description; Stage 2	R2	Yes	08/03/2002	yes
TS	25.401	UTRAN Overall Description	R3	Yes	14/03/2002	yes
TS	25.402	Synchronisation in UTRAN Stage 2	R3	Yes	08/03/2002	yes
TS	25.410	UTRAN Iu Interface: General Aspects and Principles	R3	Yes	08/03/2002	yes
TS	25.411	UTRAN Iu interface Layer 1	R3	Yes	08/03/2002	yes
TS	25.412	UTRAN Iu interface signalling transport	R3	Yes	08/03/2002	yes
TS	25.413	UTRAN Iu interface RANAP signalling	R3	Yes	08/03/2002	yes
TS	25.414	UTRAN Iu interface data transport & transport signalling	R3	Yes	08/03/2002	yes
TS	25.415	UTRAN Iu interface user plane protocols	R3	Yes	08/03/2002	yes
TS	25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)	R3	Yes	08/03/2002	yes
TS	25.420	UTRAN Iur Interface: General Aspects and Principles	R3	Yes	08/03/2002	yes
TS	25.421	UTRAN Iur interface Layer 1	R3	Yes	08/03/2002	yes
TS	25.422	UTRAN Iur interface signalling transport	R3	Yes	08/03/2002	yes
TS	25.423	UTRAN Iur interface RNSAP signalling	R3	Yes	08/03/2002	yes
TS	25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams	R3	Yes	08/03/2002	yes
TS	25.425	UTRAN Iur interface user plane protocols for CCH data streams	R3	Yes	08/03/2002	yes
TS	25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams	R3	Yes	08/03/2002	yes
TS	25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams	R3	Yes	08/03/2002	yes
TS	25.430	UTRAN Iub Interface: General Aspects and Principles	R3	Yes	08/03/2002	yes
TS	25.431	UTRAN Iub interface Layer 1	R3	Yes	08/03/2002	yes
TS	25.432	UTRAN Iub interface signalling transport	R3	Yes	08/03/2002	yes
TS	25.433	UTRAN Iub interface NBAP signalling	R3	Yes	08/03/2002	yes
TS	25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams	R3	Yes	08/03/2002	yes
TS	25.435	UTRAN Iub interface user plane protocols for CCH data streams	R3	Yes	08/03/2002	yes
TS	25.442	UTRAN Implementation Specific O&M Transport	R3	Yes	08/03/2002	yes
TS	25.450	UTRAN Iupc interface general aspects and principles	R3	Yes	08/03/2002	yes
TS	25.451	UTRAN Iupc interface layer 1	R3	Yes	08/03/2002	yes
TS	25.452	UTRAN Iupc interface signalling transport	R3	Yes	08/03/2002	yes
TS	25.453	UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling	R3	Yes	08/03/2002	yes
TR	25.854	Uplink Synchronous Transmission Scheme (USTS)	R1	No	14/03/2002	yes
TR	25.855	High Speed Downlink Packet Access (HSDPA); Overall UTRAN description	R2	No	14/03/2002	yes
TR	25.856	High Speed Downlink Packet Access (HSDPA); Layer 2 and 3 aspects	R2	No	14/03/2002	yes
TR	25.857	UE positioning enhancements	R2	No	14/03/2002	yes

Type	Number	Title	WG prime	For publication ?	freeze date	frozen
TR	25.858	Physical layer aspects of UTRA High Speed Downlink Packet Access	R1	No	14/03/2002	yes
TR	25.859	User Equipment positioning enhancements for 1,28 Mcps TDD	R2	No	08/03/2002	yes
TR	25.860	Radio acces bearer support enhancements	R2	No	08/03/2002	yes
TR	25.861	RNC - SMLC location protocol	R2	No	08/03/2002	yes
TR	25.867	Feasibility study for wideband distribution systems in 3rd generation networks	R4	Yes	08/03/2002	yes
TR	25.868	Node B synchronization for 1,28 Mcps, TDD	R1	No	08/03/2002	yes
TR	25.869	RAN WG1 report on Tx diversity solutions for multiple antennas	R1	No	08/03/2002	yes
TR	25.870	Enhancement on the DSCH Hard Split mode	R1	No	08/03/2002	yes
TR	25.875	NAS node selector function	R3	No	14/03/2002	yes
TR	25.876	Multiple-Input Multiple-Output Antenna Processing for HSDPA	R1	No	14/03/2002	yes
TR	25.877	High Speed Downlink Packet Access (HSDPA) - Iub/Iur Protocol Aspects	R3	No	08/03/2002	yes
TR	25.878	RL Timing Adjustment	R3	No	08/03/2002	yes
TR	25.879	Separation of resource reservation and radio link activation	R3	No	08/03/2002	yes
TS	25.880	Traffic Termination Point Swapping	R3	No	08/03/2002	yes
TR	25.881	Improvement of Radio Resource Management across RNS and RNS/BSS	R3	No	08/03/2002	yes
TR	25.882	1,28 Mcps TDD option base station classification	R4	No	14/03/2002	yes
TR	25.883	Direct Transport Bearers Between SRNC and Node-B	R3	No	14/03/2002	yes
TR	25.884	Iur Neighbouring cell reporting efficiency optimisation	R3	No	14/03/2002	yes
TR	25.885	UMTS 1800 / 1900 MHz work items report	R4	No	14/03/2002	yes
TR	25.886	Ssmall technical enhancements and improvements work item	R4	No	14/03/2002	yes
TR	25.887	Beamforming	R1	Yes	08/03/2002	yes
TR	25.888	Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD	R1	Yes	08/03/2002	yes
TR	25.931	UTRAN Functions, examples on signalling procedures	R3	Yes	08/03/2002	yes
TR	25.933	IP Transport in UTRAN	R3	Yes	08/03/2002	yes
TR	25.951	Base Station classification (FDD)	R4	Yes	08/03/2002	yes
TR	25.952	Base Station classification (TDD)	R4	Yes	08/03/2002	yes
TR	25.991	Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment	R4	Yes	08/03/2002	yes
TS	26.103	Codec lists	S4	Yes	14/03/2002	yes
TS	26.131	Terminal acoustic characteristics for telephony; Requirements	S4	Yes	14/03/2002	yes
TS	26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification	S4	Yes	14/03/2002	yes
TS	26.140	Multimedia Messaging Service (MMS); Media formats and codes	S4	Yes	14/03/2002	yes
TS	26.171	AMR speech codec, wideband; General description	S4	Yes	14/03/2002	yes
TS	26.173	ANSI-C code for the Adaptive Multi Rate (AMR) Wideband speech codec	S4	Yes	14/03/2002	yes
TS	26.174	AMR speech codec, wideband; Test sequences	S4	Yes	14/03/2002	yes
TS	26.190	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions	S4	Yes	14/03/2002	yes
TS	26.191	AMR speech codec, wideband; Error concealment of lost frames	S4	Yes	14/03/2002	yes
TS	26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort	S4	Yes	14/03/2002	yes

Type	Number	Title	WG prime	For publication ?	freeze date	frozen
		noise aspects				
TS	26.193	AMR speech codec, wideband; Source Controlled Rate operation	S4	Yes	14/03/2002	yes
TS	26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)	S4	Yes	14/03/2002	yes
TS	26.201	AMR speech codec, wideband; Frame structure	S4	Yes	14/03/2002	yes
TS	26.202	AMR speech codec, wideband; Interface to Iu and Uu	S4	Yes	14/03/2002	yes
TS	26.204	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) wideband speech codec	S4	Yes	14/03/2002	yes
TS	26.226	Global text telephony;Transport of text in the voice channel	S4	Yes	14/03/2002	yes
TS	26.230	Global text telephony; Cellular text telephone modem transmitter C-code description	S4	Yes	14/03/2002	yes
TS	26.231	Global text telephony; Cellular text telephone modem minimum performance requirements	S4	Yes	14/03/2002	yes
TS	26.235	Packet switched conversational multimedia applications; Default codecs	S4	Yes	14/03/2002	yes
TS	26.236	Packet switched conversational multimedia applications; Transport protocols	S4	Yes	14/03/2002	yes
TR	26.937	Transparent end-to-end packet switched streaming service (PSS); RTP usage model	S4	Yes	14/03/2002	yes
TR	26.976	Results of the AMR wideband (AMR-W) selection phase	S4	Yes	14/03/2002	yes
TS	27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes	08/03/2002	yes
TS	27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	Yes	08/03/2002	yes
TS	27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3	Yes	08/03/2002	yes
TS	27.007	AT command set for 3G User Equipment (UE)	T2	Yes	08/03/2002	yes
TS	27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	N3	Yes	08/03/2002	yes
TS	27.104	vObjects and other constructs for data synchronization	T2	Yes	14/03/2002	yes
TS	27.241	3GPP generic user profile requirements; Stage 3; Access; Common objects	T2	Yes	07/06/2002	
TS	29.002	Mobile Application Part (MAP) specification	N4	Yes	08/03/2002	yes
TS	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
TS	29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	N1	Yes	08/03/2002	yes
TS	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
TS	29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	N4	Yes	08/03/2002	yes
TS	29.061	Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)	N3	Yes	08/03/2002	yes
TS	29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 3; CAMEL Application Part (CAP) specification	N2	Yes	07/06/2002	
TS	29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface	R3	Yes	08/03/2002	yes
TS	29.162	Interworking between the IM CN subsystem and IP networks	N3	Yes	07/06/2002	

Type	Number	Title	WG prime	For publication?	freeze date	frozen
TS	29.163	Interworking between the IM CN subsystem and CS networks	N3	Yes	07/06/2002	
TS	29.198-01	Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview	N5	Yes	08/03/2002	yes
TS	29.198-02	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data	N5	Yes	08/03/2002	yes
TS	29.198-03	Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework	N5	Yes	07/06/2002	
TS	29.198-04	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control	N5	Yes	08/03/2002	yes
TS	29.198-05	Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction	N5	Yes	08/03/2002	yes
TS	29.198-06	Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility	N5	Yes	08/03/2002	yes
TS	29.198-07	Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities	N5	Yes	08/03/2002	yes
TS	29.198-08	Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control	N5	Yes	08/03/2002	yes
TS	29.198-11	Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management	N5	Yes	08/03/2002	yes
TS	29.198-12	Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging	N5	Yes	07/06/2002	
TS	29.198-13	Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy Management SCF	N5	Yes	07/06/2002	
TS	29.198-14	Open Service Access (OSA) Application Programming Interface (API); Part 13: Presence and Availability Management (PAM)	N5	Yes	07/06/2002	
TS	29.207	End to end Quality of Service (QoS); stage 3	N3	Yes	07/06/2002	
TS	29.208	End to end Quality of Service (QoS) signalling flows	N3	Yes	07/06/2002	
TS	29.226	reserved	N4	Yes	08/03/2002	yes
TS	29.228	IP Multimedia (IM) Subsystem Cx Interface; Signalling flows and message contents	N4	Yes	07/06/2002	
TS	29.229	Cx Interface based on the Diameter protocol; Protocol details	N4	Yes	07/06/2002	
TS	29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3	N4	Yes	08/03/2002	yes
TS	29.240	3GPP generic user profile requirements; Stage 3; Network	N4	Yes	07/06/2002	
TS	29.414	Core network Nb data transport and transport signalling	N3	Yes	08/03/2002	yes
TS	29.415	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 3; CAMEL Application Part (CAP) specification	N3	Yes	08/03/2002	yes
TR	29.903	Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)	N4	Yes	08/03/2002	yes
TR	29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping	N5	Yes	14/03/2002	yes
TR	29.998-04-1	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping	N5	Yes	08/03/2002	yes
TR	29.998-	Open Service Access (OSA) Application	N5	Yes	13/06/2002	

Type	Number	Title	WG prime	For publication?	freeze date	frozen
	04-4	Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4:Call Control Service Mapping; Subpart 4: Multiparty Call Control SIP				
TR	29.998-05-1	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping	N5	Yes	08/03/2002	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: INAP mapping	N5	Yes	08/03/2002	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: MEGACO mapping	N5	Yes	08/03/2002	yes
TR	29.998-05-4	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping	N5	Yes	08/03/2002	yes
TR	29.998-06	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP	N5	Yes	08/03/2002	yes
TR	29.998-08	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP	N5	Yes	08/03/2002	yes
TS	31.112	USAT Interpreter Architecture Description; Stage 2	T3	Yes	14/03/2002	yes
TS	31.113	USAT interpreter byte codes	T3	Yes	14/03/2002	yes
TS	31.114	USAT interpreter protocol and administration	T3	Yes	08/03/2002	yes
TS	31.131	C-language binding for (U)SIM API	T3	Yes	08/03/2002	yes
TS	32.108	Telecommunication management; Subscriber and equipment trace	S5	Yes	14/03/2002	yes
TS	32.112	Telecommunication management; Fault Management; Alarm Integration Reference Point: Information Service	S5	Yes	14/03/2002	yes
TS	32.113	Telecommunication management; Fault Management; Alarm Integration Reference Point: CORBA solution set version 1:1	S5	Yes	14/03/2002	yes
TS	32.114	Telecommunication management; Fault Management; Alarm Integration Reference Point: CMIP solution set	S5	Yes	14/03/2002	yes
TS	32.140	Telecommunication management; 3G Service Management Requirements & Framework	S5	Yes	14/03/2002	yes
TS	32.225	Telecommunications management; Charging management; Charging data description for the IMS domain	S5	Yes	14/03/2002	yes
TS	32.302	Telecommunication management; Configuration Management; Notification Integration Reference Point; Information Service version 1	S5	Yes	14/03/2002	yes
TS	32.304	Telecommunication management; Configuration Management; Notification Integration Reference Point: CMIP Solution Set Version 1:1	S5	Yes	14/03/2002	yes
TS	32.321	Telecommunication management; Test management IRP; Requirements	S5	Yes	14/03/2002	yes
TS	32.322	Telecommunication management; Test management IRP; Information service	S5	Yes	12/12/2002	
TS	32.324	Telecommunication management; Test management IRP; CMIP solution set	S5	Yes	12/12/2002	
TS	32.625	Telecommunication management; 3G Configuration Management; Generic network	S5	Yes	14/03/2002	yes

Type	Number	Title	WG prime	For publication?	freeze date	frozen
		resources IRP: Bulk CM XML file format definition				
TS	32.645	Telecommunication management; 3G Configuration Management; UTRAN network resources IRP: Bulk CM XML file format definition	S5	Yes	14/03/2002	yes
TS	32.655	Telecommunication management; 3G Configuration Management; GERAN network resources IRP: Bulk CM XML file format definition	S5	Yes	14/03/2002	yes
TS	32.661	Telecommunication management; 3G configuration management; Kernel CM requirements	S5	Yes	12/12/2002	
TS	32.662	Telecommunication management; 3G configuration management; Kernel CM information service	S5	Yes	12/12/2002	
TS	32.663	Telecommunication management; 3G configuration management; Kernel CM CORBA solution set	S5	Yes	12/12/2002	
TS	32.664	Telecommunication management; 3G configuration management; Kernel CM CMIP solution set	S5	Yes	12/12/2002	
TS	32.671	Telecommunication management; 3G Configuration Management; State Management IRP: Requirements	S5	Yes	14/03/2002	yes
TS	32.672	Telecommunication management; 3G Configuration Management; State Management IRP: Information service	S5	Yes	14/03/2002	yes
TS	32.673	Telecommunication management; 3G Configuration Management; State Management IRP: CORBA Solution set	S5	Yes	14/03/2002	yes
TS	32.674	Telecommunication management; 3G Configuration Management; State Management IRP: CMIP Solution set	S5	Yes	14/03/2002	yes
TR	32.802	Telecommunication management; User Equipment (UE) management feasibility study	S5	No	14/03/2002	yes
TS	33.106	Lawful interception requirements	S3	Yes	14/03/2002	yes
TS	33.107	3G security; Lawful interception architecture and functions	S3	Yes	14/03/2002	yes
TS	33.108	Handover interface for Lawful Interception	S3	Yes	14/03/2002	yes
TS	33.201	Access domain security	S3	Yes	14/03/2002	yes
TS	33.203	Access security for IP based services	S3	Yes	14/03/2002	yes
TS	33.210	Network Domain Security - IP	S3	Yes	14/03/2002	yes
TR	33.800	Principles for Network Domain Security	S3	No	14/03/2002	yes
TR	33.900	Guide to 3G security	S3	Yes	14/03/2002	yes
TR	33.903	Access Security for IP based services	S3	Yes	14/03/2002	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
SP-12	0.1.0		SP-010382		table of specs revised
SP-13	1.0.0		SP-010418		table of specs revised
SP-14	1.1.0		SP-020095		table of specs revised