Technical Specification Group Services and System Aspects TSGS#11(01)0207 replaces TSGS#11(01)0068

Meeting #11, Palm Springs, USA, 19 - 22 March 2001

Source: MCC

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Title: 3GPP TS 21.102:

3rd Generation mobile system Release 4 Specifications

Document for: approval

Agenda Item: 10

Attached is the latest draft of this specification, taking into account the results of TSGs#11.

3GPP TS 21.102 V2.1.0 (2001-03)

Technical Specification

3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 3rd Generation mobile system Release 4 specifications (Release 4)



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Specifications and reports for implementation of the 3GPP TM system should be obtained via the 3GPP Organisational Partners' Publications Offices.

Keywords
Architecture

3GPP

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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 4. The specifications and reports of 3G Release 4 have a major version number 4 (e.g. 4.x.y).

Most of the core Release 4 Technical Specifications and Technical Reports were functionally frozen at the 11th Technical Specification Group meetings (TSG#11) in March 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 4 version 4.x.y specifications throughout 2001 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] (void)
- [3] 3GPP TR 21.900: "3GPP working procedures".
- [4] (void)
- [5] 3GPP TS 21.101: "3rd Generation mobile system Release 1999 Specifications".

3 Abbreviations

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

4 General

Release 4 consists of 3G-only specifications and the GSM Core Network specifications developed for both GSM Release 4 and Release 4 of the 3rd Generation mobile system.

The present document identifies the 3G system set of specifications required to implement Release 4.

NOTE: The corresponding list of specifications for Release 1999 can be found in 3GPP TS 21.101 [5].

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

5 Specifications and Reports of 3G Release 4

NOTE 1: (void)

NOTE 2: 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 3: The algorithm specifications in the 35.-series are available only under licence.

NOTE 4: "Type" indicates Technical Specification (TS) or Technical Report (TR).

TS	Туре	Number	Title	WG	For pub-
TS 21.111 USIM and IC card requirements T3 Yes TS 21.801 Security Threats and Requirements S3 Yes TR 21.801 3GPP drafting rules SP Yes TR 21.905 3GPP working methods SP Yes TS 22.901 Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN) S1 Yes Mobile Network (PLMN) S1 Yes Yes Circuit Teleservices Supported by a Public Land Mobile Network (PLMN) S1 Yes TS 22.004 General on Supplementary Services S1 Yes TS 22.014 Service accessibility S1 Yes TS 22.024 Personalisation of GSM ME Mobile functionality specification; Stage 1 S1 Yes TS 22.022 Personalisation of GRM ME Mobile functionality specification; Stage 1 S1 Yes TS 22.021 Description of Charge Advice Information (CAI) S1 Yes TS 22.022 Description of Charge Advice Information (CMI) S1	TO 04 400			prime	lication
TS 21.133 Security Threats and Requirements SP Yes TR 21.900 3GPP drafting rules SP Yes TR 21.905 3GPP working methods SP Yes TR 21.905 3G Vocabulary S1 Yes TS 22.001 Circuit Beleser Services Supported by a PLMN S1 Yes TS 22.002 Circuit Teleservices Supported by a Public Land Mobile Network (PLMN) S1 Yes TS 22.003 Circuit Teleservices supported by a Public Land Mobile Network (PLMN) S1 Yes TS 22.004 General on Supplementary Services S1 Yes TS 22.011 Service accessibility Yes TS 22.022 Personalisation of GSM ME Mobile functionality specification; Stage 1 S1 Yes TS 22.024 Description of Charge Advice Information (CAI) S1 Yes TS 22.034 High Speed Circuit Switched Data (HsCSD); Stage 1 S1 Yes TS 22.035 SIM application toolkit (SAT); Stage 1					
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TS 22.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1 S1 Yes TS 22.084 MultiParty (MPTY) Supplementary Service; Stage 1 S1 Yes TS 22.085 Closed User Group (CUG) Supplementary Services; Stage 1 S1 Yes TS 22.086 Advice of Charge (AoC) Supplementary Services; Stage 1 S1 Yes TS 22.087 User-to-user signalling (UUS); Stage 1 S1 Yes TS 22.088 Call Barring (CB) Supplementary Services; Stage 1 S1 Yes TS 22.090 Unstructured Supplementary Services; Stage 1 S1 Yes TS 22.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 1 S1 Yes TS 22.093 Call Completion to Busy Subscriber (CCBS); Stage 1 S1 Yes TS 22.094 Follow Me Stage 1 S1 Yes TS 22.095 Calling Name Presentation (CNAP); Stage 1 (T1P1) S1 Yes TS 22.097 Multiple Subscriber Profile (MSP); Stage 1 S1 Yes TS 22.101 UMTS Service principles S1 Yes TS 22.105 Services & Service capabilities 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems S1 Yes	TS	22.081	Line Identification Supplementary Services; Stage 1	S1	Yes
TS 22.084 MultiParty (MPTY) Supplementary Service; Stage 1 S1 Yes TS 22.085 Closed User Group (CUG) Supplementary Services; Stage 1 S1 Yes TS 22.086 Advice of Charge (AoC) Supplementary Services; Stage 1 S1 Yes TS 22.087 User-to-user signalling (UUS); Stage 1 S1 Yes TS 22.088 Call Barring (CB) Supplementary Services; Stage 1 S1 Yes TS 22.090 Unstructured Supplementary Service Data (USSD); Stage 1 S1 Yes TS 22.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 1 S1 Yes TS 22.093 Call Completion to Busy Subscriber (CCBS); Stage 1 S1 Yes TS 22.094 Follow Me Stage 1 S1 Yes TS 22.095 Calling Name Presentation (CNAP); Stage 1 (T1P1) S1 Yes TS 22.097 Multiple Subscriber Profile (MSP); Stage 1 S1 Yes TS 22.101 UMTS Service principles S1 Yes TS 22.105 Services & Service capabilities 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems S1 Yes		22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes
TS 22.085 Closed User Group (CUG) Supplementary Services; Stage 1 S1 Yes TS 22.086 Advice of Charge (AoC) Supplementary Services; Stage 1 S1 Yes TS 22.087 User-to-user signalling (UUS); Stage 1 S1 Yes TS 22.088 Call Barring (CB) Supplementary Services; Stage 1 S1 Yes TS 22.090 Unstructured Supplementary Service Data (USSD); Stage 1 S1 Yes TS 22.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 1 S1 Yes TS 22.093 Call Completion to Busy Subscriber (CCBS); Stage 1 S1 Yes TS 22.094 Follow Me Stage 1 S1 Yes TS 22.095 Calling Name Presentation (CNAP); Stage 1 S1 Yes TS 22.097 Multiple Subscriber Profile (MSP); Stage 1 S1 Yes TS 22.101 UMTS Service principles S1 Yes TS 22.105 Services & Service capabilities S1 Yes TS 22.112 USIM toolkit interpreter; Stage 1 T3 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems S1 Yes	TS	22.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1	S1	Yes
TS 22.086 Advice of Charge (AoC) Supplementary Services; Stage 1 S1 Yes TS 22.087 User-to-user signalling (UUS); Stage 1 S1 Yes TS 22.088 Call Barring (CB) Supplementary Services; Stage 1 S1 Yes TS 22.090 Unstructured Supplementary Service Data (USSD); Stage 1 S1 Yes TS 22.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 1 S1 Yes TS 22.093 Call Completion to Busy Subscriber (CCBS); Stage 1 S1 Yes TS 22.094 Follow Me Stage 1 S1 Yes TS 22.095 Calling Name Presentation (CNAP); Stage 1 (T1P1) S1 Yes TS 22.097 Multiple Subscriber Profile (MSP); Stage 1 S1 Yes TS 22.101 UMTS Service principles S1 Yes TS 22.105 Services & Service capabilities S1 Yes TS 22.112 USIM toolkit interpreter; Stage 1 T3 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems S1 Yes	TS	22.084	MultiParty (MPTY) Supplementary Service; Stage 1	S1	Yes
TS 22.087 User-to-user signalling (UUS); Stage 1 S1 Yes TS 22.088 Call Barring (CB) Supplementary Services; Stage 1 S1 Yes TS 22.090 Unstructured Supplementary Service Data (USSD); Stage 1 S1 Yes TS 22.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 1 S1 Yes TS 22.093 Call Completion to Busy Subscriber (CCBS); Stage 1 S1 Yes TS 22.094 Follow Me Stage 1 S1 Yes TS 22.095 Calling Name Presentation (CNAP); Stage 1 (T1P1) S1 Yes TS 22.096 Calling Name Presentation (CNAP); Stage 1 S1 Yes TS 22.097 Multiple Subscriber Profile (MSP); Stage 1 S1 Yes TS 22.101 UMTS Service principles S1 Yes TS 22.105 Services & Service capabilities S1 Yes TS 22.112 USIM toolkit interpreter; Stage 1 T3 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems	TS	22.085	Closed User Group (CUG) Supplementary Services; Stage 1	S1	Yes
TS 22.088 Call Barring (CB) Supplementary Services; Stage 1 S1 Yes TS 22.090 Unstructured Supplementary Service Data (USSD); Stage 1 S1 Yes TS 22.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 1 S1 Yes TS 22.093 Call Completion to Busy Subscriber (CCBS); Stage 1 S1 Yes TS 22.094 Follow Me Stage 1 S1 Yes TS 22.096 Calling Name Presentation (CNAP); Stage 1 (T1P1) S1 Yes TS 22.097 Multiple Subscriber Profile (MSP); Stage 1 S1 Yes TS 22.101 UMTS Service principles S1 Yes TS 22.105 Services & Service capabilities S1 Yes TS 22.112 USIM toolkit interpreter; Stage 1 T3 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems	TS	22.086	Advice of Charge (AoC) Supplementary Services; Stage 1	S1	Yes
TS 22.090 Unstructured Supplementary Service Data (USSD); Stage 1 S1 Yes TS 22.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 1 S1 Yes TS 22.093 Call Completion to Busy Subscriber (CCBS); Stage 1 S1 Yes TS 22.094 Follow Me Stage 1 S1 Yes TS 22.096 Calling Name Presentation (CNAP); Stage 1 (T1P1) S1 Yes TS 22.097 Multiple Subscriber Profile (MSP); Stage 1 S1 Yes TS 22.101 UMTS Service principles S1 Yes TS 22.105 Services & Service capabilities S1 Yes TS 22.112 USIM toolkit interpreter; Stage 1 T3 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems	TS	22.087	User-to-user signalling (UUS); Stage 1	S1	Yes
TS 22.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 1 S1 Yes TS 22.093 Call Completion to Busy Subscriber (CCBS); Stage 1 S1 Yes TS 22.094 Follow Me Stage 1 S1 Yes TS 22.096 Calling Name Presentation (CNAP); Stage 1 (T1P1) S1 Yes TS 22.097 Multiple Subscriber Profile (MSP); Stage 1 S1 Yes TS 22.101 UMTS Service principles S1 Yes TS 22.105 Services & Service capabilities S1 Yes TS 22.112 USIM toolkit interpreter; Stage 1 T3 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems	TS	22.088		S1	Yes
TS 22.093 Call Completion to Busy Subscriber (CCBS); Stage 1 S1 Yes TS 22.094 Follow Me Stage 1 S1 Yes TS 22.096 Calling Name Presentation (CNAP); Stage 1 (T1P1) S1 Yes TS 22.097 Multiple Subscriber Profile (MSP); Stage 1 S1 Yes TS 22.101 UMTS Service principles S1 Yes TS 22.105 Services & Service capabilities S1 Yes TS 22.112 USIM toolkit interpreter; Stage 1 T3 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems	TS	22.090	Unstructured Supplementary Service Data (USSD); Stage 1	S1	Yes
TS 22.094 Follow Me Stage 1 S1 Yes TS 22.096 Calling Name Presentation (CNAP); Stage 1 (T1P1) S1 Yes TS 22.097 Multiple Subscriber Profile (MSP); Stage 1 S1 Yes TS 22.101 UMTS Service principles S1 Yes TS 22.105 Services & Service capabilities S1 Yes TS 22.112 USIM toolkit interpreter; Stage 1 T3 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems S1 Yes	TS	22.091			Yes
TS 22.096 Calling Name Presentation (CNAP); Stage 1 (T1P1) S1 Yes TS 22.097 Multiple Subscriber Profile (MSP); Stage 1 S1 Yes TS 22.101 UMTS Service principles S1 Yes TS 22.105 Services & Service capabilities S1 Yes TS 22.112 USIM toolkit interpreter; Stage 1 T3 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems S1 Yes	TS	22.093			Yes
TS 22.097 Multiple Subscriber Profile (MSP); Stage 1 S1 Yes TS 22.101 UMTS Service principles S1 Yes TS 22.105 Services & Service capabilities S1 Yes TS 22.112 USIM toolkit interpreter; Stage 1 T3 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems S1 Yes	TS	22.094	Follow Me Stage 1	S1	Yes
TS 22.101 UMTS Service principles S1 Yes TS 22.105 Services & Service capabilities S1 Yes TS 22.112 USIM toolkit interpreter; Stage 1 T3 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems S1 Yes	TS	22.096	Calling Name Presentation (CNAP); Stage 1 (T1P1)	S1	Yes
TS 22.105 Services & Service capabilities S1 Yes TS 22.112 USIM toolkit interpreter; Stage 1 T3 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems S1 Yes	TS	22.097	Multiple Subscriber Profile (MSP); Stage 1	S1	Yes
TS 22.112 USIM toolkit interpreter; Stage 1 T3 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems S1 Yes	TS	22.105	Services & Service capabilities	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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems S1 Yes	TS	22.112	USIM toolkit interpreter; Stage 1	T3	Yes
TS 22.121 Provision of Services in UMTS - The Virtual Home Environment; Stage 1 S1 Yes TS 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems S1 Yes	TS	22.115	Service Aspects Charging and billing	S1	Yes
TS 22.127 Service Requirement for the Open Services Access (OSA); Stage 1 S1 Yes TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems S1 Yes	TS			S1	Yes
TS 22.129 Handover Requirements between UMTS and GSM or other Radio Systems S1 Yes	TS	22.127	Service Requirement for the Open Services Access (OSA); Stage 1	S1	Yes
	TS	22.129			Yes
	TS	22.135	Multicall Stage 1	S1	Yes

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TS	22.140	Multimedia Messaging Service; Stage 1	S1	Yes
TS	22.226	Global text telephony; Stage 1: Service description	S1	Yes
TS	22.227	Service requirements for the Open Service Access (OSA)	S1	Yes
TR	22.976	Study on PS domain services and capabilities	S1	Yes
TS	23.002	Network Architecture	S2	Yes
TS	23.003	Numbering, Addressing and Identification	N4	Yes
TS	23.007	Restoration procedures	N4	Yes
TS	23.008	Organisation of subscriber data	N4	Yes
TS	23.009	Handover procedures	N1	Yes
TS	23.011	Technical Realization of Supplementary Services - General Aspects	N4	Yes
TS	23.012	Location management procedures	N4	Yes
TS	23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1	Yes
TS	23.015	Technical realisation of Operator Determined Barring (ODB)	N4	Yes
TS	23.016	Subscriber data management ; Stage 2	N4	Yes
TS	23.018	Basic Call Handling - Technical realisation	N4	Yes
TS	23.032	Universal Geographical Area Description (GAD)	S2	Yes
TS	23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes
TS	23.038	Alphabets & Language	T2	Yes
TR	23.039	Interface Protocols for the Connection of Short Message Service Centers	T2	Yes
	20.000	(SMSCs) to Short Message Entities (SMEs)	-	100
TS	23.040	Technical realisation of Short Message Service	T2	Yes
TS	23.041	Technical Realization of Cell Broadcast Service	T2	Yes
TS	23.041	Compression algorithm for SMS	T2	Yes
TS	23.057	Mobile Station Application Execution Environment (MExE)	T2	Yes
TS	23.060		S2	Yes
TS		General Packet Radio Service (GPRS) Service description; Stage 2		
	23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4	Yes
TS	23.067	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2		Yes
TS	23.072	Call Deflection Supplementary Service; Stage 2	N4	Yes
TS	23.073	Support of Localised Service Area (SoLSA); Stage 2	N4	Yes
TS	23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 3 - Stage 2	N2	Yes
TS	23.079	Support of Optimal Routeing - Phase 1; Stage 2	N4	Yes
TS	23.081	Line Identification Supplementary Services; Stage 2	N4	Yes
TS	23.082	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes
TS	23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	N4	Yes
TS	23.084	MultiParty (MPTY) Supplementary Service; Stage 2	N4	Yes
TS	23.085	Closed User Group (CUG) Supplementary Service ; Stage 2	N4	Yes
TS	23.086	Advice of Charge (AoC) Supplementary Service; Stage 2	N4	Yes
TS	23.087	User-to-User Signalling (UUS) ; Stage 2	N4	Yes
TS	23.088	Call Barring (CB) Supplementary Service ; Stage 2	N4	Yes
TS	23.090	Unstructured Supplementary Service Data (USSD); Stage 2	N4	Yes
TS	23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	Yes
TS	23.093	Call Completion to Busy Subscriber (CCBS); Stage 2	N4	Yes
TS	23.094	Follow Me Stage 2	N4	Yes
TS	23.096	Name Identification Supplementary Service ; Stage 2	N4	Yes
TS	23.097	Multiple Subscriber Profile (MSP); Stage 2	N4	Yes
TS	23.101	General UMTS Architecture	S2	Yes
TS	23.107	Quality of Service, Concept and Architecture	S2	Yes
TS	23.108	Mobile Radio Interface Layer 3 specification Core Network Protocols stage 2 (structured procedures)	N1	Yes
TS	23.110	UMTS Access Stratum Services and Functions	S2	Yes
TS	23.116	Super Charger; Stage 2	N4	Yes
TS	23.119	Gateway Location Register (GLR); Stage2	N4	Yes
TS	23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	N1	Yes
TS	23.127	Virtual Home Environment; Stage 2	S2	Yes
TS	23.135	Multicall ; Stage 2	N4	Yes
TS	23.140	Multimedia Messaging Service (MMS)	T2	Yes
TS	23.140		N3	
		Technical realisation of facsimile Group 3 service - non-transparent		Yes
TS	23.153	Out of Band Transcoder Control; Stage 2	N4	Yes
TS	23.171	Functional stage 2 description of location services in UMTS	S2	Yes
TS	23.205	Bearer-independent circuit-switched core network; Stage 2	N4	Yes
TS	23.207	End to end quality of service concept and architecture	S2	Yes
TS	23.221	Architectural requirements	S2	Yes
TS	23.226	Global text telephony; Stage 2: Architecture	N4	Yes

TS	23.227	Terminal local model	T2	Yes
TS	23.271	Functional stage 2 description of location services	S2	Yes
TR	23.814	Separating RR and MM specific parts of the MS Classmark	N1	No
TR	23.821	Architecture Principles for Relase 2000	S2	No
TR	23.873	Feasibility study fro transport and control separation in the PS CN domain	S2	No
TR	23.874	Feasibility study of architecture for network requested PDP context activation with User-ID	S2	No
TR	23.907	Quality of Service concept	S1	Yes
TR	23.908	Technical report on Pre-Paging	N4	Yes
TR	23.909	Technical report on the Gateway Location Register	N4	Yes
TR	23.910	Circuit switched data bearer services	N3	Yes
TR	23.911	Technical report on Out-of-band transcoder control	N4	Yes
TR	23.912	Technical report on Super-Charger	N4	Yes
TR	23.922	Architecture for an All IP network	S2	Yes
TR	23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN	S2	Yes
TR	23.925	UMTS Core network based ATM transport	S2	Yes
TR	23.930	lu Principles	S2	Yes
TR	23.972	Circuit Switched Multimedia Telephony	N1	Yes
TR	23.974	Support of push service	S2	Yes
TS	24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes
TS	24.007	Mobile Radio Interface Signalling Layer 3 - General Aspects	N1	Yes
TS	24.008	Mobile Radio Interface Layer 3 specification; Core Network Protocols; Stage 3	N1	Yes
TS	24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes
TS	24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	Yes
TS	24.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Yes
TS	24.022	Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface	N3	Yes
TS	24.030	Location Services LCS Stage 3 SS (MO-LR)	N4	Yes
TS	24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	Yes
TS	24.072	Call Deflection Supplementary Service ; Stage 3	N4	Yes
TS	24.080	Mobile radio Layer 3 Supplementary Service specification - Formats and coding	N4	Yes
TS	24.081	Line Identification Supplementary Service ; Stage 3	N4	Yes
TS	24.082	Call Forwarding Supplementary Service ; Stage 3	N4	Yes
TS	24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3	N4	Yes
TS	24.084	MultiParty (MPTY) Supplementary Service ; Stage 3	N4	Yes
TS	24.085	Closed User Group (CUG) Supplementary Service ; Stage 3	N4	Yes
TS	24.086	Advice of Charge (AoC) Supplementary Service ; Stage 3	N4	Yes
TS	24.087	User-to-User Signalling (UUS) ; Stage 3	N4	Yes
TS	24.088	Call Barring (CB) Supplementary Service ; Stage 3	N4	Yes
TS	24.090	Unstructured Supplementary Service Data (USSD); Stage 3	N4	Yes
TS	24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	Yes
TS	24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	N4	Yes
TS	24.096	Name Identification Supplementary Service ; Stage 3	N4	Yes
TS	24.135	Multicall Stage 3	N4	Yes
TR	24.946	reserved		Yes
TS	25.101	UE Radio transmission and reception (FDD)	R4	Yes
TS	25.102	UE Radio transmission and reception (TDD)	R4	Yes
TS	25.104	UTRA (BS) FDD; Radio transmission and reception	R4	Yes
TS	25.105	UTRA (BS) TDD: Radio transmission and reception	R4	Yes
TS	25.106	UTRA Repeater; Radio transmission and reception	R4	Yes
TS	25.113	Base station EMC	R4	Yes
TS	25.123	Requirements for support of radio resource management (TDD)	R4	Yes
TS	25.133	Requirements for support of radio resource management (FDD)	R4	Yes
TS	25.141	Base station conformance testing (FDD)	R4	Yes
TS	25.142	Base station conformance testing (TDD)	R4	Yes
TS	25.143	UTRA Repeater; Conformance testing	R4	Yes
TS	25.201	Physical layer -General Description	R1	Yes

TS	25.211	Physical channels and mapping of transport channels onto physical channels (FDD)	R1	Yes
TS	25.212	Multiplexing and channel coding (FDD)	R1	Yes
TS	25.213	Spreading and modulation (FDD)	R1	Yes
TS	25.214	Physical layer procedures (FDD)	R1	Yes
TS	25.215	Physical layer; Measurements (FDD)	R1	Yes
TS	25.221	Physical channels and mapping of transport channels onto physical channels (TDD)	R1	Yes
TS	25.222	Multiplexing and channel coding (TDD)	R1	Yes
TS	25.223	Spreading and modulation (TDD)	R1	Yes
TS	25.224	Pphysical layer procedures (TDD)	R1	Yes
TS	25.225	Physical layer; Measurements (TDD)	R1	Yes
TS	25.301	Radio Interface Protocol Architecture	R2	Yes
TS	25.302	Services provided by the physical layer	R2	Yes
TS	25.303	UE functions and inter-layer procedures in connected mode	R2	Yes
TS	25.304	UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode	R2	Yes
TS	25.305	Stage 2 functional specification of UE positioning in UTRAN	R2	Yes
TS	25.306	UE Radio Access capabilities definition	R2	Yes
TS	25.321	Medium Access Control (MAC) Protocol Specification	R2	Yes
TS	25.322	Radio Link Control (RLC) Protocol Specification	R2	Yes
TS	25.323	Packet Data Convergence Protocol (PDCP) protocol	R2	Yes
TS	25.324	Broadcast/Multicast Control (BMC)	R2	Yes
TS	25.331	Radio Resource Control (RRC) Protocol Specification	R2	Yes
TS	25.401	UTRAN Overall Description	R3	Yes
TS	25.402	Synchronisation in UTRAN Stage 2	R3	Yes
TS	25.410	UTRAN lu Interface: General Aspects and Principles	R3	Yes
TS	25.411	UTRAN lu interface Layer 1	R3	Yes
TS	25.412	UTRAN lu interface cayer i	R3	Yes
TS	25.412	UTRAN lu interface RANAP signalling	R3	Yes
TS	25.414	UTRAN lu interface data transport & transport signalling	R3	Yes
TS	25.415	UTRAN lu interface user plane protocols	R3	Yes
	25.419			
TS		UTRAN lu interface: Cell broadcast protocols between SMS-CBC and RNC	R3	Yes
TS	25.420	UTRAN lur Interface: General Aspects and Principles	R3	Yes
TS TS	25.421	UTRAN lur interface Layer 1	R3	Yes
	25.422	UTRAN lur interface signalling transport	R3	Yes
TS	25.423	UTRAN lur interface RNSAP signalling	R3	Yes
TS	25.424	UTRAN lur interface data transport & transport signalling for CCH data streams	R3	Yes
TS	25.425	UTRAN lur interface user plane protocols for CCH data streams	R3	Yes
TS	25.426	UTRAN lur and lub interface data transport & transport signalling for DCH data streams	R3	Yes
TS	25.427	UTRAN lur and lub interface user plane protocols for DCH data streams	R3	Yes
TS	25.430	UTRAN lub Interface: General Aspects and Principles	R3	Yes
TS	25.431	UTRAN lub interface Layer 1	R3	Yes
TS	25.432	UTRAN lub interface signalling transport	R3	Yes
TS	25.433	UTRAN lub interface NBAP signalling	R3	Yes
TS	25.434	UTRAN lub interface data transport & transport signalling for CCH data streams	R3	Yes
TS	25.435	UTRAN lub interface user plane protocols for CCH data streams	R3	Yes
TS	25.442	UTRAN Implementation Specific O&M Transport	R3	Yes
TR	25.832	Manifestations of Handover and SRNS relocation	R3	No
TR	25.834	UTRA TDD low chip rate option; Radio protocol aspects	R2	No
TR	25.835	Report on hybrid ARQ type II/III	R2	No
TR	25.836	Node B synchronization for TDD	R1	No
TR	25.837	Hybrid ARQ Type II/III (lub/lur aspects)	R3	No
TR	25.838	Node B Synchronisation for TDD (lub/lur aspects)	R3	No
TR	25.839	Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)	R3	No
TR	25.840	Terminal power saving features	R1	No
TR	25.841	DSCH power control improvement in soft handover	R1	No
TR	25.843	1,28 Mcps TDD UE Radio Access Capabilities	R2	No
	25.844	Radio acces bearer support enhancements	R2	No
TR		ויזמטוט מטטפט אכמוכו סעףףטוג כווומווטכוווכוונ	114	INU
TR TR	25.845	FDD RACH and AICH performance requirements	R4	No

TR	25.848	Physical Layer Aspects of UTRA High Speed Downlink Packet Access	R1	No
TR	25.849	DSCH power control improvement in soft handover	R3	No
TR	25.850	UE positioning in UTRAN lub/lur protocol aspects	R3	No
TR	25.851	RAB Quality of Service Renegotiation over Iu	R3	No
TR	25.852	Radio access bearer support enhancements for the lu	R3	No
TR	25.853	Delay budget within the access stratum	R3	No
TR	25.921	Guidelines and principles for protocol description and error handling	R2	Yes
TR	25.922	Radio Resource Management Strategies	R2	Yes
TR	25.924	Opportunity Driven Multiple Access (ODMA)	R2	Yes
TR	25.928	1,28Mcps UTRA TDD Physical Layer	R1	Yes
TR	25.933	IP Transport in UTRAN	R3	Yes
TR	25.934	AAL2 QoS optimization	R3	Yes
TR	25.935	RRM optimisation	R3	Yes
TR	25.936	Handover for realtime services from PS-domain	R3	Yes
TR	25.937	UTRAN TDD low chiprate	R3	Yes
TR	25.938	Terminal power saving features	R3	Yes
TR	25.942	RF system scenarios	R4	Yes
TR	25.943	Deployment aspects	R4	Yes
TR	25.944	Channel coding and multiplexing examples	R1	Yes
TR	25.945	RF requirements for low chip rate TDD option	R4	Yes
TR	25.946	RAB Quality of Service Negotiation over Iu	R3	Yes
TR	25.950	UTRA high speed downlink packet access	R2	Yes
TR	25.951	Base Station classification (FDD)	R4	Yes
TR	25.952	Base Station classification (TDD)	R4	Yes
TR	25.953	TrFO/TFO	R3	Yes
TR	25.954	Migration to modification procedure	R3	Yes
TS	26.071	AMR speech Codec; General description	S4	Yes
TS	26.073	AMR speech Codec; C-source code	S4	Yes
TS	26.074	AMR speech Codec; Test sequences	S4	Yes
TS	26.090	AMR speech Codec; Transcoding Functions	S4	Yes
TS	26.091	AMR speech Codec; Error concealment of lost frames	S4	Yes
TS	26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	S4	Yes
TS	26.093	AMR speech Codec; Source Controlled Rate operation	S4	Yes
TS	26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels		Yes
TS	26.101	AMR speech Codec; Frame Structure	S4	Yes
TS	26.102	AMR speech Codec; Interface to Iu and Uu	S4	Yes
TS	26.103	Codec lists	S4	Yes
TS	26.104	AMR speech Codec; Floating point C-Code	S4	Yes
TS	26.110	Codec for Circuit switched Multimedia Telephony Service; General Description		Yes
TS	26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4	Yes
TS	26.115	Transmission Delay and Echo Control Planning For Speech and Multi-Media Services	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	26.226	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	26.233	End-to-end transparent streaming service; General description	S4	Yes
TS	26.234	End-to-end transparent streaming service; Protocols and codecs	S4	Yes
TS	26.235	Packet switched conversational multimedia applications; Default codecs	S4	Yes
TR	26.901	AMR Wideband Speech Codec Feasibility Study Report	S4	Yes
TR	26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide	S4	Yes
TR	26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G	S4	Yes
TR	26.913	Quantitative performance evaluation of real-time packet switched multimedia services over 3G	S4	Yes
TR	26.975	Performance characterization of the AMR speech codec	S4	Yes
TS	27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes
TS	27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer	N3	Yes

		capabilities				
TS	27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3	Yes		
TS	27.005	Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE - DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)	T2	Yes		
TS	27.007	AT command set for 3G User Equipment (UE)	T2	Yes		
TS	27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol User Equipment (UE)	T2	Yes		
TS	27.060	27.060 GPRS Mobile Stations supporting GPRS27.103 Wide Area Network Synchronisation				
TS			T2 T2	Yes		
TS	27.104	27.104 vObjects and other constructs for data synchronization				
TS	27.226	Global Text telephony;Terminal aspects	T2	Yes		
TR	27.901	Report on Terminal Interfaces - An Overview	T2	Yes		
TR	27.903	Discussion of Synchronisation Standards	T2	Yes		
TS	28.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	-	Yes		
TS	28.062	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	S4	Yes		
TS	29.002	Mobile Application Part (MAP)	N4	Yes		
TS	29.007	General requirements on Interworking between the PLMN and the ISDN or PSTN	N3	Yes		
TS	29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	N4	Yes		
TS	29.011	Signalling Interworking for Supplementary Services	N4	Yes		
TS	29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	Yes		
TS	29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	N1	Yes		
TS	29.018	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Layer 3 Specification	N1	Yes		
TS	29.060	GPRS Tunnelling protocol (GTP) across the Gn and Gp interface	N4	Yes		
TS	29.061	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet	N3	Yes		
TS	29.078	CAMEL; Stage 3	N2	Yes		
TS	29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface	R3	Yes		
TS	29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	N4	Yes		
TS	29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3	N4	Yes		
TS	29.198- 01	Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview		Yes		
TS	29.198- 02	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data		Yes		
TS	29.198- 03	Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework		Yes		
TS	29.198- 04	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control		Yes		
TS	29.198- 05	Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction		Yes		
TS	29.198- 06	Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility		Yes		
TS	29.198- 07	Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities		Yes		
TS	29.198- 08	Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control		Yes		
TS	29.198- 09	Open Service Access (OSA) Application Programming Interface (API); Part 9: Generic messaging SCF		Yes		
TS	29.198- 10	Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager SCF		Yes		
TS	29.198- 11	Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management		Yes		
TS	29.198-	Open Service Access (OSA) Application Programming Interface (API); Part		Yes		

	12	12: Charging				
TS	29.202	SS7 signalling transport in Core Network; stage 3	N4	Yes		
TS	29.205	Application of Q.1900 series to bearer-independent circuit-switched core network architecture; Stage 3	N4	Yes		
TS	29.226	reserved	N4	Yes		
TS	29.232	Media gateway controller - media gateway interface; Stage 3	N4	Yes		
TS	29.414	Core network Nb nata transport and transport signalling	N3	Yes		
TS	29.415	Nb user plane protocols	N3	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		Yes		
TR	29.998- 04-1	29.998- Open Service Access (OSA) Application Programming Interface (API) 04-1 Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping				
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		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		Yes		
TR	29.998- 06	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location – User Status Service Mapping to MAP		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		Yes		
TR	30.504	Work Plan and Study Items - RAN WG4	R4	No		
TR	30.801	Overall Project Plan	S2	No		
TR	30.802	Project plan on Bearer Services and QoS	S2	No		
TR	30.804	Project plan on GSM/UMTS Interoperation and Mobility Management	S2	No		
TR	30.806	Project plan on Location based services	S2	No		
TR	30.808	Project plan on Packet Architecture and Circuit Architecture	S2	No		
TR	30.810	Project plan on Security	S2	No		
TR	30.812	Project plan on Services and Service platforms	S2	No		
TS	31.102	Characteristics of the USIM Application	T3	Yes		
TS	31.110	Numbering system for telecommunication IC card applications	T3	Yes		
TS	31.111	USIM Application Toolkit (USAT)	T3	Yes		
TS	31.120	UICC-terminal interface; Physical, electrical and logical test specification	T3	Yes		
TS	31.121	UICC-terminal interface; USIM application test specification	T3	Yes		
TS	31.122	USIM conformance test specification	T3	Yes		
TS	32.101	3G Telecom Management principles and high level requirements	S5	Yes		
TS	32.102	3G Telecom Management Architecture	S5	Yes		
TS	32.104	3G Performance Management	S5	Yes		
TS	32.105	3G charging and billing; Stage 2 description	S5	Yes		
TS	32.106-1	configuration management; Concept and requirements	S5	Yes		
TS		Telecommunication Management; Configuration Management; Part 2: Notification Integration Reference Point; Information Service version 1	S5	Yes		
TS		Telecommunication Management; Configuration Management; Part 3: Notification Integration Reference Point; CORBA solution set version 1:1	S5	Yes		
TS		Telecommunication Management; Configuration Management; Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1	S5	Yes		
TS		Telecommunication Management; Configuration Management; Part 5: Basic Configuration Management IRP information model (including NRM) version 1	S5	Yes		
TS		Telecommunication Management; Configuration Management; Part 6: Basic Configuration Management IRP CORBA solution set version 1:1				
TS		Telecommunication Management; Configuration Management; Part 7: Basic Configuration Management IRP CMIP solution set version 1:1	S5	Yes		
TS		Telecommunication Management; Configuration Management; Part 8: Name convention for Managed Objects	S5	Yes		
TS		Telecommunication Management; Fault Management; Part 1: 3G fault management requirements	S5	Yes		
TS		Telecommunication Management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service	S5	Yes		
TS	32.111-3	Telecommunication Management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1	S5	Yes		

TS	32.111-4	Telecommunication Management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set	S5	Yes		
TS	32.140	3G Service Management Requirements & Framework	S5	Yes		
TS	32.205	3G charging data description for the CS domain	S5	Yes		
TR	32.800	Management level procedures and interaction with UTRAN	S5	Yes		
TS	33.102	Security Architecture	S3	Yes		
TS						
	33.103	Security Integration Guidelines	S3	Yes		
TS	33.105	Cryptographic Algorithm requirements	S3	Yes		
TS	33.106	Lawful interception requirements	S3	Yes		
TS	33.107	Lawful interception architecture and functions	S3	Yes		
TS	33.120	Security Objectives and Principles	S3	Yes		
TS	33.200	S3	Yes			
TR	33.800	33.800 Principles for Network Domain Security S				
TR	33.900	Guide to 3G security	S3	Yes		
TR	33.901	Criteria for cryptographic Algorithm design process	S3	Yes		
TR	33.902	Formal Analysis of the 3G Authentication Protocol	S3	Yes		
TR	33.903	Access Security for IP based services	S3	Yes		
TR	33.904	Report on the Evaluation of 3GPP Standard Confidentiality and Integrity	S3	Yes		
		Algorithms				
TR	33.908	Security Algorithms Group of Experts (SAGE); General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms	S3	Yes		
TR	33.909	ETSI SAGE 3GPP Standards Algorithms Task Force: Report on the evaluation of 3GPP standard confidentiality and integrity algorithms	S3	Yes		
TS	34.108	Common Test Environments for User Equipment (UE) Conformance Testing	T1	Yes		
TS	34.109	Logical Test Interface (TDD and FDD)	R2	Yes		
TS	34.121	Terminal Conformance Specification, Radio Transmission and Reception	T1	Yes		
TS	34.122	(FDD) Terminal Conformance Specification, Radio Transmission and Reception (TDD)	T1	Yes		
TO	24 422 4		T4	Vaa		
TS		UE Conformance Specification, Part 1 – Conformance specification	T1	Yes		
TS		UE Conformance Specification, Part 2 – ICS	T1	Yes		
TS		UE Conformance Specification, Part 3 Abstract Test suites	T1	Yes		
TS	34.124	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment	R4	Yes		
TR	34.910	Conformance Test specifications – Relevant for Regulatory use	T1	Yes		
TR	34.926	Table of International EMC requirements	R4	Yes		
TS	35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications	S3	Yes		
TS	35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification	S3	Yes		
TS	35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data	S3	Yes		
TS	35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data	S3	Yes		
TR	35.205	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions; Document 1: General	S3	Yes		
TR			S3	Yes		
TS	35.206 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 2: Algorithm specification		S3	Yes		
TS	35.206 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 2: Algorithm specification		S3	Yes		
TS	35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 3: Implementors' test data	S3	Yes		
TS	35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 3: Implementors' test data	S3	Yes		
TS	35.208	3G Security; Specification of the MILENAGE algorithm set: An example	S3	Yes		
		algorithm Set for the 3GPP Authentication and Key Generation functions f1,				

		f1*, f2, f3, f4, f5 and f5*; Document 4: Design conformance test data		
TS	35.208	3G Security; Specification of the MILENAGE algorithm set: An example	S3	Yes
		algorithm Set for the 3GPP Authentication and Key Generation functions f1,		
		f1*, f2, f3, f4, f5 and f5*; Document 4: Design conformance test data		
TR	35.909	3G Security; Specification of the MILENAGE algorithm set: An example	S3	Yes
		algorithm Set for the 3GPP Authentication and Key Generation functions		

Annex A (void)

Annex B (informative): Document change history

Date	Version	Information about changes
June 2000	0.0.0	1 st draft created by MCC
June 2000	1.0.0	Minor corrections, presentation to SA#8.
December 2000	1.1.0	Table of specs refreshed; change from
		"Release 2000" terminology to "Release 4".
		Presentation to SA#10
March 2001	2.0.0	Table of specs refreshed. Presentation to SA#11.
	2.1.0	Table of specs refreshed. Presentation to SA#11.
		Minor editorials.

	Change history							
TSG SA #	Version	CR	Tdoc SA	New Version	Subject/Comment			