Source:	**MCC**
	mailto:john.meredith@etsi.org
Title:	**CRs to lists of specifications**
Document for:	**information**

The attached document will be presented for approval to SA#26. TSGs CN, RAN and T are invited to check the changes to the spec lists for each system and each Release.

Source: **MCC**
                mailto:john.meredith@etsi.org

Title: **CRs to lists of specifications**

Document for: **approval**

Spec	CR	Rev	Rel	Subject	Cat	Version written to	Work Item
01.01	023	-	R99	Corrections to list of specifications	F	8.14.0	TEI
21.101	022	-	R99	Corrections to list of specifications	F	3.13.0	TEI
21.101	023	-	Rel-4	Corrections to list of specifications	F	4.10.0	TEI4
21.101	024	-	Rel-5	Corrections to list of specifications	F	5.7.0	TEI5
21.101	025	-	Rel-6	Corrections to list of specifications	F	5.7.0	TEI6
41.101	007	-	Rel-4	Corrections to list of specifications	F	4.12.0	TEI4
41.101	008	-	Rel-5	Corrections to list of specifications	F	5.8.0	TEI5
41.101	009	-	Rel-6	Corrections to list of specifications	F	5.8.0	TEI6

CHANGE REQUEST

⌘ **01.01** CR **023** ⌘**rev** **-** ⌘ **Current version:** **8.14.0** ⌘

For **HELP** *on using this form, see bottom of this page or look at the pop-up text over the* ⌘ *symbols.*

Proposed change affects: | UICC apps⌘ [ ] ME [ ] Radio Access Network [ ] Core Network [ ]

Title: ⌘	Corrections to list of specifications
Source: ⌘	MCC
Work item code: ⌘ TEI	**Date:** ⌘ 08/12/04
Category: ⌘ **F**	**Release:** ⌘ R99

Use <u>one</u> of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use <u>one</u> of the following releases:
Ph2 *(GSM Phase 2)*
R96 *(Release 1996)*
R97 *(Release 1997)*
R98 *(Release 1998)*
R99 *(Release 1999)*
Rel-4 *(Release 4)*
Rel-5 *(Release 5)*
Rel-6 *(Release 6)*

Reason for change: ⌘	To ensure list of specifications required to implement system is correct.
Summary of change: ⌘	Adds: Release-independent DARP guide Release-independent algorithms Removes: (none)
Consequences if not approved: ⌘	List is wrong, risk of erroneous system implementation.

Clauses affected: ⌘	6

	Y	N	
Other specs affected: ⌘		X	Other core specifications ⌘
		X	Test specifications
		X	O&M Specifications

Other comments: ⌘

Comment [H1]: Document numbers are allocated by the Working Group Secretary.

Comment [H2]: Enter the specification number in this box. For example, 04.08 or 31.102. Do not prefix the number with anything . i.e. do not use "TS", "GSM" or "3GPP" etc.

Comment [H3]: Enter the CR number here. This number is allocated by the 3GPP supp... [1]

Comment [H4]: Enter the revision number of the CR here. If it is the first version, use a "-".

Comment [H5]: Enter the version of the specification here. This number is the version ... [2]

Comment [H6]: For help on how to fill out a field, place the mouse pointer over the spe... [3]

Comment [H7]: Mark one or more of the boxes with an X.

Comment [H8]: SIM / USIM / ISIM applications.

Comment [H9]: Enter a concise description of the subject matter of the CR. It should ... [4]

Comment [H10]: Enter the source of the CR. This is either (a) one or several companies or ... [5]

Comment [H11]: Enter the acronym for the work item which is applicable to the change. ... [6]

Comment [H12]: Enter the date on which the CR was last revised. Format to be interp... [7]

Comment [H13]: Enter a single letter corresponding to the most appropriate category l... [8]

Comment [H14]: Enter a single release code from the list below.

Comment [H15]: Enter text which explains why the change is necessary.

Comment [H16]: Enter text which describes the most important components of th... [9]

Comment [H17]: Enter here the consequences if this CR was to be rejected. It is necessary... [10]

Comment [H18]: Enter the number of each clause which contains changes.

Comment [H19]: Tick "yes" box if any other specifications are affected by this change. E... [11]

Comment [H20]: List here the specifications which are affected or the CRs which are linked.

Comment [H21]: Enter any other information which may be needed by the group being ... [12]

6   Specifications and Reports

Specifications in the range 01.xx to 12.xx are 'pure' GSM specs - that is, those only required to build systems which are based on 3GPP specifications and which use a GSM/EDGE Radio Access Network (GERAN). Specifications in the range 21.xxx to 35.xxx are common to systems which are based on 3GPP specifications, and which use either a GSM/EDGE radio access network or a UTRA Radio Access Network (UTRAN) (or both).

Number	Title	WG prime	For publication?
01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	SP	Yes
01.04	Abbreviations and acronyms	GP	Yes
01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0	S3	Yes
01.33	Lawful Interception requirements for GSM	S3	Yes
01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements	S3	Yes
02.09	Security aspects	S3	Yes
02.17	Subscriber Identity Module (SIM); Functional characteristics	T3	Yes
02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1	T3	Yes
02.33	Lawful Interception (LI); Stage 1	S3	Yes
02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1	S1	Yes
02.48	Security mechanisms for the SIM Application Toolkit; Stage 1	T3	Yes
02.53	Tandem Free Operation (TFO); Service description; Stage 1	S4	Yes
02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	S1	Yes
02.68	Voice Group Call Service (VGCS); Stage 1	S1	Yes
02.69	Voice Broadcast Service (VBS); Stage 1	S1	Yes
02.76	Noise Suppression for the AMR	S4	Yes
02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1	S1	Yes
03.05	Technical performance objectives	NP	Yes
03.10	GSM Public Land Mobile Network (PLMN) Connection Types	N3	Yes
03.13	Discontinuous Reception (DRX) in the GSM System	G1	Yes
03.19	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card	T3	Yes
03.20	Security-related Network Functions	S3	Yes
03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode	G1	Yes
03.26	Multiband operation of GSM/DCS 1800 by a single operator	G1	Yes
03.30	Radio Network Planning Aspects	GP	Yes
03.33	Lawful Interception; Stage 2	S3	Yes
03.45	Technical Realization of Facsimile Group 3 Service - transparent	N3	Yes
03.46	Technical Realization of Facsimile Group 3 Service - non transparent	N3	Yes
03.48	Security mechanisms for SIM application toolkit; Stage 2	T3	Yes
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	Yes
03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2	G1	Yes
03.53	Tandem Free Operation (TFO); Service description; Stage 2	S4	Yes
03.55	Dual Transfer Mode (DTM); Stage 2	G1	Yes
03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S4	Yes
03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2	G1	Yes
03.68	Voice Group Call Service (VGCS); Stage 2	N1	Yes
03.69	Voice Broadcast service (VBS); Stage 2	N1	Yes
03.71	Location Services (LCS); Functional description; Stage 2	S2	Yes

Number	Title	WG prime	For publication?
03.73	Support of Localised Service Area (SoLSA); Stage 2	N4	Yes
04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	Yes
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	Yes
04.04	Layer 1 - General Requirements	G2	Yes
04.05	Data Link (DL) Layer General Aspects	G2	Yes
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	Yes
04.08	Mobile radio interface layer 3 specification	N1	Yes
04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Yes
04.13	Performance Requirements on Mobile Radio Interface	N1	Yes
04.14	Individual equipment type requirements and interworking; Special conformance testing functions	G2	Yes
04.18	Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol	G2	Yes
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3	Yes
04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)	G2	Yes
04.35	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods	G2	Yes
04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	N1	Yes
04.57	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	N1	Yes
04.60	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	G2	Yes
04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification	N1	Yes
04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)	N1	Yes
04.68	Group Call Control (GCC) Protocol	N1	Yes
04.69	Broadcast Call Control (BCC) protocol	N1	Yes
04.71	Location Services (LCS); Mobile radio interface layer 3 specification	G2	Yes
05.01	Physical Layer on the Radio Path (General Description)	G1	Yes
05.02	Multiplexing and Multiple Access on the Radio Path	G1	Yes
05.03	Channel coding	G1	Yes
05.04	Modulation	G1	Yes
05.05	Radio Transmission and Reception	G1	Yes
05.08	Radio subsystem link control	G1	Yes
05.09	Link adaptation	G1	Yes
05.10	Radio subsystem synchronization	G1	Yes
05.15	Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines	G1	Yes
05.22	Radio link management in hierarchical networks	G1	Yes
05.50	Background for RF Requirements	G1	Yes
05.56	GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem	G1	Yes
06.01	Full Rate Speech Processing Functions	S4	Yes
06.02	Half Rate Speech Processing Functions	S4	Yes
06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	S4	Yes
06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	S4	Yes
06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4	Yes
06.10	Full Rate Speech Transcoding	S4	Yes

Number	Title	WG prime	For publication?
06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4	Yes
06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	Yes
06.20	Half Rate Speech Transcoding	S4	Yes
06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4	Yes
06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4	Yes
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	Yes
06.32	Voice Activity Detection (VAD)	S4	Yes
06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4	Yes
06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4	Yes
06.51	GSM Enhanced full rate speech processing functions: General description	S4	Yes
06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec	S4	Yes
06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	S4	Yes
06.55	Performance characterisation of the GSM EFR Speech Codec	S4	Yes
06.60	Enhanced full rate speech transcoding	S4	Yes
06.61	Substitution and muting of lost frames for encanced full rate speech traffic channels	S4	Yes
06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4	Yes
06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report	S4	Yes
06.77	Minimum Performance Requirements for Noise Suppresser Application to the AMR Speech Encoder	S4	Yes
06.78	Results of the AMR noise suppression selection phase	S4	Yes
06.81	Discontinuous Transmission (DTX) for encanced full rate speech traffic channels	S4	Yes
06.82	Voice Activity Detection (VAD) for encanced full rate speech traffic channels	S4	Yes
06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	S4	Yes
08.01	General Aspects on the BSS-MSC Interface	G2	Yes
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Yes
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	Yes
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	Yes
08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Yes
08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	G2	Yes
08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	G2	Yes
08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2	Yes
08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	Yes
08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	G2	Yes
08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	G2	Yes
08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	G2	Yes
08.54	BSC-BTS Layer 1; Structure of Physical Circuits	G2	Yes
08.56	BSC-BTS Layer 2; Specification	G2	Yes
08.58	Base Station Controler - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	G2	Yes
08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels	G1	Yes
08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels	G1	Yes

Number	Title	WG prime	For publication?
08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	S4	Yes
08.71	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3	G2	Yes
09.01	General Network Interworking Scenarios	N4	Yes
09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	N1	Yes
09.31	Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)	G2	Yes
10.56	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1	S2	No
10.59	Project scheduling and open issues for EDGE	G1	No
11.10-1	Mobile station (MS) conformance specification; Part 1: Conformance specification	G3new	Yes
11.10-4	Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification	T3	Yes
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	T3	Yes
11.13	Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card	T3	Yes
11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface	T3	Yes
11.17	Subscriber Interface Module (SIM) test specification	T3	Yes
11.21	Base Station System (BSS) equipment specification; Radio aspects	G1	Yes
11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters	G1	Yes
12.03	Security Management	S5	Yes
12.04	Performance data measurements	S5	Yes
12.21	Network Management (NM) procedures and messages on the A-bis interface	G1	Yes
12.71	Location Services (LCS); Location services management	S5	Yes
21.801	Specification drafting rules	SP	No
21.900	Technical Specification Group working methods	SP	Yes
21.905	Vocabulary for 3GPP Specifications	S1	Yes
21.978	Feasibility Technical Report; CAMEL Control of VoIP Services	N4	Yes
22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1	Yes
22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)	S1	Yes
22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	S1	Yes
22.004	General on supplementary services	S1	Yes
22.011	Service accessibility	S1	Yes
22.016	International Mobile Equipment Identities (IMEI)	S1	Yes
22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3	Yes
22.024	Description of Charge Advice Information (CAI)	S1	Yes
22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	S1	Yes
22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3	Yes
22.032	Immediate Service Termination (IST); Service description; Stage 1	S3	Yes
22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	Yes
22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1	Yes
22.041	Operator Determined Call Barring	S1	Yes
22.042	Network Identity and Time Zone (NITZ) service description; Stage 1	S1	Yes
22.057	Mobile Execution Environment (MExE) service description; Stage 1	S1	Yes
22.060	General Packet Radio Service (GPRS); Service description; Stage 1	S1	Yes
22.066	Support of Mobile Number Portability (MNP); Stage 1	S1	Yes
22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1	S1	Yes
22.071	Location Services (LCS); Stage 1	S1	Yes
22.072	Call Deflection (CD); Stage 1	S1	Yes
22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	S1	Yes

Number	Title	WG prime	For publication?
22.079	Support of optimal routeing; Stage 1	S1	Yes
22.081	Line Identification supplementary services; Stage 1	S1	Yes
22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes
22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1	S1	Yes
22.084	MultiParty (MPTY) supplementary service; Stage 1	S1	Yes
22.085	Closed User Group (CUG) supplementary services; Stage 1	S1	Yes
22.086	Advice of Charge (AoC) supplementary services; Stage 1	S1	Yes
22.087	User-to-user signalling (UUS); Stage 1	S1	Yes
22.088	Call Barring (CB) supplementary services; Stage 1	S1	Yes
22.090	Unstructured Supplementary Service Data (USSD); Stage 1	S1	Yes
22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1	Yes
22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	S1	Yes
22.094	Follow Me service description - Stage 1	S1	Yes
22.096	Name identification supplementary services; Stage 1	S1	Yes
22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	S1	Yes
22.115	Service Aspects Charging and billing	S1	Yes
22.121	Service aspects; The Virtual Home Environment; Stage 1	S1	Yes
22.129	Handover requirements between UTRAN and GERAN or other radio systems	S1	Yes
22.945	Study of provision of fax service in GSM and UMTS	T2	Yes
23.002	Network architecture	S2	Yes
23.003	Numbering, addressing and identification	N4	Yes
23.007	Restoration procedures	N4	Yes
23.008	Organisation of subscriber data	N4	Yes
23.009	Handover procedures	N1	Yes
23.011	Technical realization of Supplementary Services	N4	Yes
23.012	Location management procedures	N4	Yes
23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1	Yes
23.015	Technical realization of Operator Determined Barring (ODB)	N4	Yes
23.016	Subscriber data management; Stage 2	N4	Yes
23.018	Basic Call Handling; Technical realization	N4	Yes
23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3	Yes
23.032	Universal Geographical Area Description (GAD)	S2	Yes
23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes
23.035	Immediate Service Termination (IST); Stage 2	S3	Yes
23.038	Alphabets and language-specific information	T2	Yes
23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	T2	Yes
23.040	Technical realization of Short Message Service (SMS)	T2	Yes
23.041	Technical realization of Cell Broadcast Service (CBS)	T2	Yes
23.042	Compression algorithm for SMS	T2	Yes
23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	T2	Yes
23.060	General Packet Radio Service (GPRS); Service description; Stage 2	S2	Yes
23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4	Yes
23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N4	Yes
23.072	Call Deflection Supplementary Service; Stage 2	N4	Yes
23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2	N4	Yes
23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2	N4	Yes
23.081	Line Identification supplementary services; Stage 2	N4	Yes
23.082	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes
23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	N4	Yes
23.084	MultiParty (MPTY) Supplementary Service; Stage 2	N4	Yes

3GPP

Number	Title	WG prime	For publication?
23.085	Closed User Group (CUG) Supplementary Service; Stage 2	N4	Yes
23.086	Advice of Charge (AoC) Supplementary Service; Stage 2	N4	Yes
23.087	User-to-User Signalling (UUS) supplementary service; Stage 2	N4	Yes
23.088	Call Barring (CB) Supplementary Service; Stage 2	N4	Yes
23.090	Unstructured Supplementary Service Data (USSD); Stage 2	N4	Yes
23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	Yes
23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	N4	Yes
23.094	Follow Me Stage 2	N4	Yes
23.096	Name Identification Supplementary Service; Stage 2	N4	Yes
23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2	N4	Yes
23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)	N1	Yes
23.110	UMTS Access Stratum Services and Functions	S2	Yes
23.116	Super-Charger technical realization; Stage 2	N4	Yes
23.119	Gateway Location Register (GLR); Stage2	N4	Yes
23.121	Architectural requirements for Release 1999	S2	Yes
23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	N1	Yes
23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	T2	Yes
23.908	Technical report on Pre-Paging	N4	Yes
23.909	Technical report on the Gateway Location Register	N4	Yes
23.911	Technical report on Out-of-band transcoder control	N4	Yes
23.912	Technical report on Super-Charger	N4	Yes
23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN	S2	Yes
24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes
24.007	Mobile radio interface signalling layer 3; General Aspects	N1	Yes
24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3	N1	Yes
24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes
24.011	Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface	N1	Yes
24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	N3	Yes
24.030	Location Services (LCS); Supplementary service operations; Stage 3	N4	Yes
24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	Yes
24.072	Call Deflection Supplementary Service; Stage 3	N4	Yes
24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding	N4	Yes
24.081	Line Identification Supplementary Service; Stage 3	N4	Yes
24.082	Call Forwarding supplementary service; Stage 3	N4	Yes
24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3	N4	Yes
24.084	MultiParty (MPTY) Supplementary Service; Stage 3	N4	Yes
24.085	Closed User Group (CUG) Supplementary Service; Stage 3	N4	Yes
24.086	Advice of Charge (AoC) Supplementary Service; Stage 3	N4	Yes
24.087	User-to-User Signalling (UUS); Stage 3	N4	Yes
24.088	Call Barring (CB) Supplementary Service; Stage 3	N4	Yes
24.090	Unstructured Supplementary Service Data (USSD); Stage 3	N4	Yes
24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	Yes
24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	N4	Yes
24.096	Name Identification Supplementary Service; Stage 3	N4	Yes
26.071	AMR speech Codec; General description	S4	Yes
26.073	AMR speech Codec; C-source code	S4	Yes
26.074	AMR speech Codec; Test sequences	S4	Yes
26.090	AMR speech Codec; Transcoding Functions	S4	Yes
26.091	AMR speech Codec; Error concealment of lost frames	S4	Yes
26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	S4	Yes

Number	Title	WG prime	For publication?
26.093	AMR speech Codec; Source Controlled Rate operation	S4	Yes
26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	S4	Yes
26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu	S4	Yes
26.103	Speech codec list for GSM and UMTS	S4	Yes
26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec	S4	Yes
26.110	Codec for circuit switched multimedia telephony service; General description	S4	Yes
26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4	Yes
26.911	Codec for Circuit switched Multimedia Telephony Service;Terminal Implementorís Guide	S4	Yes
26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec	S4	Yes
27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes
27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	Yes
27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3	Yes
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
27.007	AT command set for User Equipment (UE)	T2	Yes
27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	T2	Yes
27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	N3	Yes
27.103	Wide Area Network Synchronization	T2	Yes
29.002	Mobile Application Part (MAP) specification	N4	Yes
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
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
29.011	Signalling Interworking for Supplementary Services	N4	Yes
29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	Yes
29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	N1	Yes
29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	N1	Yes
29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	N4	Yes
29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)	N3	Yes
29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification	N4	Yes
29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults	N1	Yes
31.111	Universal Subscriber Identity Module Application Toolkit (USAT)	T3	Yes
32.106-1	Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements	S5	Yes
32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service (IS)	S5	Yes
32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes
32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Poin (IRP); Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes
32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic CM Integration Reference Point (IRP): Information model (including Network Resource	S5	Yes

Number	Title	WG prime	For publication?
	Model (NRM)		
32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes
32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes
32.106-8	Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects	S5	Yes
32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements	S5	Yes
32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)	S5	Yes
32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes
32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes
55.205	Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8	S3	Yes
55.216	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification	S3	Yes
55.217	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data	S3	Yes
55.218	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data	S3	Yes
55.919	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report	S3	Yes

Page 1: [1] Comment [H3]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the CR number here. This number is allocated by the 3GPP support team.   It consists of at least three digits, padded with leading zeros if necessary.

Page 1: [2] Comment [H5]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the version of the specification here. This number is the version of the specification to which the CR will be applied if it is approved. Make sure that the latest version of the specification (of the relevant release) is used when creating the CR. If unsure what the latest version is, go to http://www.3gpp.org/specs/specs.htm.

Page 1: [3] Comment [H6]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

For help on how to fill out a field, place the mouse pointer over the special symbol closest to the field in question.

Page 1: [4] Comment [H9]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter a concise description of the subject matter of the CR. It should be no longer than one line.   Do not use redundant information such as "Change Request number xxx to 3GPP TS xx.xxx".

Page 1: [5] Comment [H10]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the source of the CR. This is either (a) one or several companies or, (b) if a (sub)working group has already reviewed and agreed the CR, then list the group as the source.

Page 1: [6] Comment [H11]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the acronym for the work item which is applicable to the change. This field is mandatory for category F, B & C CRs for release 4 and later. A list of work item acronyms can be found in the 3GPP work plan. See http://www.3gpp.org/ftp/information/work_plan/ .
The list is also included in a MS Excel file included in the zip file containing the CR cover sheet template.

Page 1: [7] Comment [H12]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the date on which the CR was last revised.   Format to be interpretable by English version of MS Windows Æ applications, e.g. 19/02/2002.

Page 1: [8] Comment [H13]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter a single letter corresponding to the most appropriate category listed below. For more detailed help on interpreting these categories, see the Technical Report 21.900 "TSG working methods".

Page 1: [9] Comment [H16]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter text which describes the most important components of the change. i.e. How the change is made.

Page 1: [10] Comment [H17]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter here the consequences if this CR was to be rejected. It is necessary to complete this section only if the CR is of category "F" (i.e. correction).

Page 1: [11] Comment [H19]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Tick "yes" box if any other specifications are affected by this change.   Else tick "no".   You MUST fill in one or the other.

Enter any other information which may be needed by the group being requested to approve the CR.
This could include special conditions for it's approval which are not listed anywhere else above.

Tdoc ⌘*SP-040823*

CHANGE REQUEST

| ⌘ | **41.101** CR **007** | ⌘**rev** **-** | ⌘ **Current version:** | **4.12.0** | ⌘ |

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: | UICC apps⌘ ☐ ME ☐ Radio Access Network ☐ Core Network ☐

Title: ⌘	Corrections to list of specifications
Source: ⌘	MCC
Work item code:⌘	TEI4
Date: ⌘	08/12/04
Category: ⌘	F
Release: ⌘	Rel-4

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP TR 21.900.

Use one of the following releases:
Ph2 *(GSM Phase 2)*
R96 *(Release 1996)*
R97 *(Release 1997)*
R98 *(Release 1998)*
R99 *(Release 1999)*
Rel-4 *(Release 4)*
Rel-5 *(Release 5)*
Rel-6 *(Release 6)*

Reason for change: ⌘	To ensure list of specifications required to implement system is correct.
1) **Summary of change:** ⌘	Adds: Release-independent DARP guide SAT test spec Release-independent algorithms Removes: (none)
Consequences if not approved: ⌘	List is wrong, risk of erroneous system implementation.

Clauses affected: ⌘	5

	Y	N		
Other specs affected: ⌘		X	Other core specifications	⌘
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘	

CR page 1

Comment [H1]: Document numbers are allocated by the Working Group Secretary.

Comment [H2]: Enter the specification number in this box. For example, 04.08 or 31.102. Do not prefix the number with anything . i.e. do not use "TS", "GSM" or "3GPP" etc.

Comment [H3]: Enter the CR number here. This number is allocated by the 3GPP supp... [1]

Comment [H4]: Enter the revision number of the CR here. If it is the first version, use a "-".

Comment [H5]: Enter the version of the specification here. This number is the version ... [2]

Comment [H6]: For help on how to fill out a field, place the mouse pointer over the spec... [3]

Comment [H7]: Mark one or more of the boxes with an X.

Comment [H8]: SIM / USIM / ISIM applications.

Comment [H9]: Enter a concise description of the subject matter of the CR. It should ... [4]

Comment [H10]: Enter the source of the CR. This is either (a) one or several companies or... [5]

Comment [H11]: Enter the acronym for the work item which is applicable to the change. ... [6]

Comment [H12]: Enter the date on which the CR was last revised. Format to be inter... [7]

Comment [H13]: Enter a single letter corresponding to the most appropriate category l... [8]

Comment [H14]: Enter a single release code from the list below.

Comment [H15]: Enter text which explains why the change is necessary.

Comment [H16]: Enter text which describes the most important components of th... [9]

Comment [H17]: Enter here the consequences if this CR was to be rejected. It is necessary... [10]

Comment [H18]: Enter the number of each clause which contains changes.

Comment [H19]: Tick "yes" box if any other specifications are affected by this change. E... [11]

Comment [H20]: List here the specifications which are affected or the CRs which are linked.

Comment [H21]: Enter any other information which may be needed by the group being... [12]

5 Specifications and Reports

Number	Title	WG prime	For publication?
21.801	Specification drafting rules	SP	No
21.900	Technical Specification Group working methods	SP	Yes
21.905	Vocabulary for 3GPP Specifications	S1	Yes
22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1	Yes
22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)	S1	Yes
22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	S1	Yes
22.004	General on supplementary services	S1	Yes
22.011	Service accessibility	S1	Yes
22.016	International Mobile Equipment Identities (IMEI)	S1	Yes
22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3	Yes
22.024	Description of Charge Advice Information (CAI)	S1	Yes
22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	S1	Yes
22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3	Yes
22.032	Immediate Service Termination (IST); Service description; Stage 1	S3	Yes
22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	Yes
22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1	Yes
22.041	Operator Determined Call Barring	S1	Yes
22.042	Network Identity and Time Zone (NITZ) service description; Stage 1	S1	Yes
22.048	Security mechanisms for the (U)SIM application toolkit; Stage 1	T3	Yes
22.053	Tandem Free Operation (TFO); Service description; Stage 1	S4	Yes
22.057	Mobile Execution Environment (MExE) service description; Stage 1	S1	Yes
22.060	General Packet Radio Service (GPRS); Service description; Stage 1	S1	Yes
22.066	Support of Mobile Number Portability (MNP); Stage 1	S1	Yes
22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1	S1	Yes
22.071	Location Services (LCS); Stage 1	S1	Yes
22.072	Call Deflection (CD); Stage 1	S1	Yes
22.076	Noise suppression for the AMR codec; Service description; Stage 1	S4	Yes
22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	S1	Yes
22.079	Support of optimal routeing; Stage 1	S1	Yes
22.081	Line Identification supplementary services; Stage 1	S1	Yes
22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes
22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1	S1	Yes
22.084	MultiParty (MPTY) supplementary service; Stage 1	S1	Yes
22.085	Closed User Group (CUG) supplementary services; Stage 1	S1	Yes
22.086	Advice of Charge (AoC) supplementary services; Stage 1	S1	Yes
22.087	User-to-user signalling (UUS); Stage 1	S1	Yes
22.088	Call Barring (CB) supplementary services; Stage 1	S1	Yes
22.090	Unstructured Supplementary Service Data (USSD); Stage 1	S1	Yes
22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1	Yes
22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	S1	Yes
22.094	Follow Me service description - Stage 1	S1	Yes
22.096	Name identification supplementary services; Stage 1	S1	Yes
22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	S1	Yes

Number	Title	WG prime	For publication?
22.115	Service Aspects Charging and billing	S1	Yes
22.121	Service aspects; The Virtual Home Environment; Stage 1	S1	Yes
22.129	Handover requirements between UTRAN and GERAN or other radio systems	S1	Yes
23.002	Network architecture	S2	Yes
23.003	Numbering, addressing and identification	N4	Yes
23.007	Restoration procedures	N4	Yes
23.008	Organisation of subscriber data	N4	Yes
23.009	Handover procedures	N1	Yes
23.011	Technical realization of Supplementary Services	N4	Yes
23.012	Location management procedures	N4	Yes
23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1	Yes
23.015	Technical realization of Operator Determined Barring (ODB)	N4	Yes
23.016	Subscriber data management; Stage 2	N4	Yes
23.018	Basic Call Handling; Technical realization	N4	Yes
23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3	Yes
23.032	Universal Geographical Area Description (GAD)	S2	Yes
23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes
23.035	Immediate Service Termination (IST); Stage 2	S3	Yes
23.038	Alphabets and language-specific information	T2	Yes
23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	T2	Yes
23.040	Technical realization of Short Message Service (SMS)	T2	Yes
23.041	Technical realization of Cell Broadcast Service (CBS)	T2	Yes
23.042	Compression algorithm for SMS	T2	Yes
23.048	Security mechanisms for the (U)SIM application toolkit; Stage 2	T3	Yes
23.053	Tandem Free Operation (TFO); Service description; Stage 2	S4	Yes
23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	T2	Yes
23.060	General Packet Radio Service (GPRS); Service description; Stage 2	S2	Yes
23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4	Yes
23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N4	Yes
23.072	Call Deflection Supplementary Service; Stage 2	N4	Yes
23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2	N4	Yes
23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2	N4	Yes
23.081	Line Identification supplementary services; Stage 2	N4	Yes
23.082	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes
23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	N4	Yes
23.084	MultiParty (MPTY) Supplementary Service; Stage 2	N4	Yes
23.085	Closed User Group (CUG) Supplementary Service; Stage 2	N4	Yes
23.086	Advice of Charge (AoC) Supplementary Service; Stage 2	N4	Yes
23.087	User-to-User Signalling (UUS) supplementary service; Stage 2	N4	Yes
23.088	Call Barring (CB) Supplementary Service; Stage 2	N4	Yes
23.090	Unstructured Supplementary Service Data (USSD); Stage 2	N4	Yes
23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	Yes
23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	N4	Yes
23.094	Follow Me Stage 2	N4	Yes
23.096	Name Identification Supplementary Service; Stage 2	N4	Yes
23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2	N4	Yes
23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)	N1	Yes
23.110	UMTS Access Stratum Services and Functions	S2	Yes
23.116	Super-Charger technical realization; Stage 2	N4	Yes
23.119	Gateway Location Register (GLR); Stage2	N4	Yes

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Number	Title	WG prime	For publication?
23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	N1	Yes
23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	T2	Yes
23.221	Architectural requirements	S2	Yes
23.271	Location Services (LCS); Functional description; Stage 2	S2	Yes
23.908	Technical report on Pre-Paging	N4	Yes
23.909	Technical report on the Gateway Location Register	N4	Yes
23.911	Technical report on Out-of-band transcoder control	N4	Yes
23.912	Technical report on Super-Charger	N4	Yes
24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes
24.007	Mobile radio interface signalling layer 3; General Aspects	N1	Yes
24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3	N1	Yes
24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes
24.011	Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface	N1	Yes
24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	N3	Yes
24.030	Location Services (LCS); Supplementary service operations; Stage 3	N4	Yes
24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	Yes
24.072	Call Deflection Supplementary Service; Stage 3	N4	Yes
24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding	N4	Yes
24.081	Line Identification Supplementary Service; Stage 3	N4	Yes
24.082	Call Forwarding supplementary service; Stage 3	N4	Yes
24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3	N4	Yes
24.084	MultiParty (MPTY) Supplementary Service; Stage 3	N4	Yes
24.085	Closed User Group (CUG) Supplementary Service; Stage 3	N4	Yes
24.086	Advice of Charge (AoC) Supplementary Service; Stage 3	N4	Yes
24.087	User-to-User Signalling (UUS); Stage 3	N4	Yes
24.088	Call Barring (CB) Supplementary Service; Stage 3	N4	Yes
24.090	Unstructured Supplementary Service Data (USSD); Stage 3	N4	Yes
24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	Yes
24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	N4	Yes
24.096	Name Identification Supplementary Service; Stage 3	N4	Yes
26.071	AMR speech Codec; General description	S4	Yes
26.073	AMR speech Codec; C-source code	S4	Yes
26.074	AMR speech Codec; Test sequences	S4	Yes
26.077	Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder	S4	Yes
26.090	AMR speech Codec; Transcoding Functions	S4	Yes
26.091	AMR speech Codec; Error concealment of lost frames	S4	Yes
26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	S4	Yes
26.093	AMR speech Codec; Source Controlled Rate operation	S4	Yes
26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	S4	Yes
26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu	S4	Yes
26.103	Speech codec list for GSM and UMTS	S4	Yes
26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec	S4	Yes
26.110	Codec for circuit switched multimedia telephony service; General description	S4	Yes
26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4	Yes
26.901	AMR wideband speech codec; Feasibility study report	S4	Yes
26.911	Codec for Circuit switched Multimedia Telephony Service;Terminal Implementorís Guide	S4	Yes
26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec	S4	Yes
26.978	Results of the AMR noise suppression selection phase	S4	Yes
27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes

Number	Title	WG prime	For publication?
27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	Yes
27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3	Yes
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
27.007	AT command set for User Equipment (UE)	T2	Yes
27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	T2	Yes
27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	N3	Yes
27.103	Wide Area Network Synchronization	T2	Yes
28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3	S4	Yes
29.002	Mobile Application Part (MAP) specification	N4	Yes
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
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
29.011	Signalling Interworking for Supplementary Services	N4	Yes
29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	Yes
29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	N1	Yes
29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	N1	Yes
29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	N4	Yes
29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)	N3	Yes
29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification	N4	Yes
29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults	N1	Yes
30.902	Guidelines for the modification of the Mobile Application Part (MAP)	N4	No
31.048	Security mechanisms for the (U)SIM application toolkit; Test specification	T3	Yes
31.111	Universal Subscriber Identity Module Application Toolkit (USAT)	T3	Yes
32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements	S5	Yes
32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)	S5	Yes
32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes
32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes
32.200	Telecommunication management; Charging management; Charging principles	S5	Yes
32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects	S5	Yes
32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements	S5	Yes
32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)	S5	Yes
32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes
32.304	Telecommunication management; Configuration Management (CM); Notification	S5	Yes

Number	Title	WG prime	For publication?
	Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)		
32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	S5	Yes
32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)	S5	Yes
32.401	Telecommunication management; Performance Management (PM); Concept and requirements	S5	Yes
32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM	S5	Yes
32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements	S5	Yes
32.601	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements	S5	Yes
32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information Service (SS)	S5	Yes
32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes
32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes
32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements	S5	Yes
32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)	S5	Yes
32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes
32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes
32.615	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition	S5	Yes
32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements	S5	Yes
32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes
32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes
32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes
32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes
32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes
32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes
32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements	S5	Yes
32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes
32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker	S5	Yes

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Number	Title	WG prime	For publication?
	Architecture (CORBA) Solution Set (SS)		
32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes
41.031	Fraud Information Gathering System (FIGS); Service requirements; Stage 0	S3	Yes
41.033	Lawful Interception requirements for GSM	S3	Yes
41.061	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements	S3	Yes
41.101	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	SP	Yes
42.009	Security Aspects	S3	Yes
42.017	Subscriber Identity Module (SIM); Functional characteristics	T3	Yes
42.019	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1	T3	Yes
42.033	Lawful Interception; Stage 1	S3	Yes
42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1	S1	Yes
42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	S1	Yes
42.068	Voice Group Call Service (VGCS); Stage 1	S1	Yes
42.069	Voice Broadcast Service (VBS); Stage 1	S1	Yes
43.005	Technical performance objectives	NP	Yes
43.010	GSM Public Land Mobile Network (PLMN) connection types	N3	Yes
43.013	Discontinuous Reception (DRX) in the GSM system	G1	Yes
43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2	T3	Yes
43.020	Security-related network functions	S3	Yes
43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode	G1	Yes
43.026	Multiband operation of GSM / DCS 1800 by a single operator	G1	Yes
43.030	Radio network planning aspects	G1	Yes
43.033	Lawful Interception; Stage 2	S3	Yes
43.045	Technical Realization of Facsimile Group 3 Service - transparent	N3	Yes
43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	Yes
43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2	G1	Yes
43.055	Dual Transfer Mode (DTM); Stage 2	G1	Yes
43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S4	Yes
43.059	Functional stage 2 description of Location Services (LCS) in GERAN	G1	Yes
43.064	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2	G1	Yes
43.068	Voice Group Call Service (VGCS); Stage 2	N1	Yes
43.069	Voice Broadcast service (VBS); Stage 2	N1	Yes
43.073	Support of Localised Service Area (SoLSA); Stage 2	N4	Yes
44.001	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	Yes
44.003	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	Yes
44.004	Layer 1 - General Requirements	G2	Yes
44.005	Data Link (DL) Layer General Aspects	G2	Yes
44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	Yes
44.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Yes
44.013	Performance Requirements on Mobile Radio Interface	N1	Yes
44.014	Individual equipment type requirements and interworking; Special conformance testing functions	G2	Yes
44.018	Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol	G2	Yes
44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3	Yes

Number	Title	WG prime	For publication?
44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)	G2	Yes
44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods	G2	Yes
44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	N1	Yes
44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	N1	Yes
44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	G2	Yes
44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	N1	Yes
44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)	N1	Yes
44.068	Group Call Control (GCC) Protocol	N1	Yes
44.069	Broadcast Call Control (BCC) protocol	N1	Yes
44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification	G2	Yes
45.001	Physical layer on the radio path; General description	G1	Yes
45.002	Multiplexing and multiple access on the radio path	G1	Yes
45.003	Channel coding	G1	Yes
45.004	Modulation	G1	Yes
45.005	Radio transmission and reception	G1	Yes
45.008	Radio subsystem link control	G1	Yes
45.009	Link adaptation	G1	Yes
45.010	Radio subsystem synchronization	G1	Yes
45.015	Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines	G1	Yes
45.022	Radio link management in hierarchical networks	G1	Yes
45.050	Background for RF Requirements	G1	Yes
45.056	CTS-FP Radio Sub-system	G1	Yes
46.001	Full Rate Speech Processing Functions	S4	Yes
46.002	Half Rate Speech Processing Functions	S4	Yes
46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec	S4	Yes
46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	S4	Yes
46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4	Yes
46.010	Full-rate speech transcoding	S4	Yes
46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4	Yes
46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	Yes
46.020	Half Rate Speech Transcoding	S4	Yes
46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4	Yes
46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4	Yes
46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	Yes
46.032	Voice Activity Detection (VAD)	S4	Yes
46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4	Yes
46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4	Yes
46.051	GSM Enhanced full rate speech processing functions: General description	S4	Yes
46.053	ANSI-C code for the GSM Enhanced full rate speech codec	S4	Yes
46.054	Test sequences for the GSM Enhanced Full Rate (EFR)	S4	Yes
46.055	Performance characterisation of the GSM EFR Speech Codec	S4	Yes
46.060	Enhanced full rate speech transcoding	S4	Yes
46.061	Substitution and muting of lost frames for encanced full rate speech traffic channels	S4	Yes
46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4	Yes

Number	Title	WG prime	For publication?
46.076	Adaptive Multi-Rate (AMR) speech codec; Study phase report	S4	Yes
46.081	Discontinuous Transmission (DTX) for encanced full rate speech traffic channels	S4	Yes
46.082	Voice Activity Detection (VAD) for encanced full rate speech traffic channels	S4	Yes
46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	S4	Yes
48.001	General Aspects on the BSS-MSC Interface	G2	Yes
48.002	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Yes
48.004	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	Yes
48.006	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	Yes
48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Yes
48.014	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	G2	Yes
48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	G2	Yes
48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2	Yes
48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	Yes
48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	G2	Yes
48.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	G2	Yes
48.052	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	G2	Yes
48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits	G2	Yes
48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification	G2	Yes
48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	G2	Yes
48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels	G1	Yes
48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels	G1	Yes
48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification	G2	Yes
49.001	General network interworking scenarios	N4	Yes
49.008	Application of the Base Station System Application Part (BSSAP) on the E-Interface	N1	Yes
49.031	Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)	G2	Yes
50.059	Enhanced Data rates for GSM Evolution (EDGE); Project scheduling and open issues for EDGE	G1	No
51.010-1	Mobile Station (MS) conformance specification; Part 1: Conformance specification	G3new	Yes
51.010-2	Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	G3new	Yes
51.010-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	G3new	Yes
51.010-4	Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification	T3	Yes
51.010-5	Mobile Station (MS) conformance specification; Part 5: GERAN / UTRAN interaction Abstract Test Suite (ATS)	G3new	Yes
51.011	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface	T3	Yes
51.013	Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card	T3	Yes

Number	Title	WG prime	For publication?
51.014	Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface	T3	Yes
51.021	Base Station System (BSS) equipment specification; Radio aspects	G1	Yes
51.026	GSM Repeater Equipment Specification	G1	Yes
52.021	Network Management (NM) Procedures and messages on the A-bis interface	G1	Yes
52.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM	S5	Yes
55.205	Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8	S3	Yes
55.216	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification	S3	Yes
55.217	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS: Document 2: Implementors' test data	S3	Yes
55.218	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS: Document 3: Design and conformance test data	S3	Yes
55.919	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report	S3	Yes

Page 1: [1] Comment [H3]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the CR number here. This number is allocated by the 3GPP support team.   It consists of at least three digits, padded with leading zeros if necessary.

Page 1: [2] Comment [H5]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the version of the specification here. This number is the version of the specification to which the CR will be applied if it is approved. Make sure that the latest version of the specification (of the relevant release) is used when creating the CR. If unsure what the latest version is, go to http://www.3gpp.org/specs/specs.htm.

Page 1: [3] Comment [H6]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

For help on how to fill out a field, place the mouse pointer over the special symbol closest to the field in question.

Page 1: [4] Comment [H9]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter a concise description of the subject matter of the CR. It should be no longer than one line.   Do not use redundant information such as "Change Request number xxx to 3GPP TS xx.xxx".

Page 1: [5] Comment [H10]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the source of the CR. This is either (a) one or several companies or, (b) if a (sub)working group has already reviewed and agreed the CR, then list the group as the source.

Page 1: [6] Comment [H11]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the acronym for the work item which is applicable to the change. This field is mandatory for category F, B & C CRs for release 4 and later. A list of work item acronyms can be found in the 3GPP work plan. See http://www.3gpp.org/ftp/information/work_plan/ .
The list is also included in a MS Excel file included in the zip file containing the CR cover sheet template.

Page 1: [7] Comment [H12]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the date on which the CR was last revised.   Format to be interpretable by English version of MS Windows Æ applications, e.g. 19/02/2002.

Page 1: [8] Comment [H13]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter a single letter corresponding to the most appropriate category listed below. For more detailed help on interpreting these categories, see the Technical Report 21.900 "TSG working methods".

Page 1: [9] Comment [H16]   **Explanation of field**   **2004-12-08 2004-12-08 18:59**

Enter text which describes the most important components of the change. i.e. How the change is made.

Page 1: [10] Comment [H17]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter here the consequences if this CR was to be rejected. It is necessary to complete this section only if the CR is of category "F" (i.e. correction).

Page 1: [11] Comment [H19]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Tick "yes" box if any other specifications are affected by this change.   Else tick "no".   You MUST fill in one or the other.

Enter any other information which may be needed by the group being requested to approve the CR. This could include special conditions for it's approval which are not listed anywhere else above.

CHANGE REQUEST

⌘ **41.101** CR **008** ⌘**rev** **-** ⌘ **Current version:** **5.8.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the* ⌘ *symbols.*

Proposed change affects: | UICC apps⌘ [ ] ME [ ] Radio Access Network [ ] Core Network [ ]

Title: ⌘	Corrections to list of specifications
Source: ⌘	MCC
Work item code: ⌘ TEI5	**Date:** ⌘ 08/12/04
Category: ⌘ **F**	**Release:** ⌘ Rel-5

Use <u>one</u> of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use <u>one</u> of the following releases:
Ph2 *(GSM Phase 2)*
R96 *(Release 1996)*
R97 *(Release 1997)*
R98 *(Release 1998)*
R99 *(Release 1999)*
Rel-4 *(Release 4)*
Rel-5 *(Release 5)*
Rel-6 *(Release 6)*

Reason for change: ⌘	To ensure list of specifications required to implement system is correct.
Summary of change: ⌘	Adds: Release-independent DARP guide SAT test spec Release-independent algorithms Removes: (none)
Consequences if not approved: ⌘	List is wrong, risk of erroneous system implementation.

Clauses affected: ⌘	5

	Y	N	
Other specs affected: ⌘		X	Other core specifications ⌘
		X	Test specifications
		X	O&M Specifications

Other comments: ⌘

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

Number	Title	WG prime	For pub-lication?	freeze date	frozen
21.801	Specification drafting rules	SP	No	2002-03-14	yes
21.900	Technical Specification Group working methods	SP	Yes	2002-03-14	yes
21.905	Vocabulary for 3GPP Specifications	S1	Yes	2002-03-14	yes
22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1	Yes	2002-06-13	yes
22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)	S1	Yes	2002-06-13	yes
22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	S1	Yes	2002-03-14	yes
22.004	General on supplementary services	S1	Yes	2002-06-13	yes
22.011	Service accessibility	S1	Yes	2002-06-13	yes
22.016	International Mobile Equipment Identities (IMEI)	S1	Yes	2002-06-13	yes
22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3	Yes	2002-09-12	yes
22.024	Description of Charge Advice Information (CAI)	S1	Yes	2002-06-13	yes
22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	S1	Yes	2002-06-13	yes
22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3	Yes	2002-12-12	yes
22.032	Immediate Service Termination (IST); Service description; Stage 1	S3	Yes	2002-06-13	yes
22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	Yes	2002-06-13	yes
22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1	Yes	2002-03-14	yes
22.041	Operator Determined Call Barring	S1	Yes	2002-06-13	yes
22.042	Network Identity and Time Zone (NITZ) service description; Stage 1	S1	Yes	2002-06-13	yes
22.048	Security mechanisms for the (U)SIM application toolkit; Stage 1	T3	Yes	2003-06-06	yes
22.053	Tandem Free Operation (TFO); Service description; Stage 1	S4	Yes	2002-06-13	yes
22.057	Mobile Execution Environment (MExE) service description; Stage 1	S1	Yes	2002-03-14	yes
22.060	General Packet Radio Service (GPRS); Service description; Stage 1	S1	Yes	2002-03-14	yes
22.066	Support of Mobile Number Portability (MNP); Stage 1	S1	Yes	2002-06-13	yes
22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1	S1	Yes	2002-06-13	yes
22.071	Location Services (LCS); Stage 1	S1	Yes	2002-03-14	yes
22.072	Call Deflection (CD); Stage 1	S1	Yes	2002-06-13	yes
22.076	Noise suppression for the AMR codec; Service description; Stage 1	S4	Yes	2002-06-13	yes
22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	S1	Yes	2002-03-14	yes
22.079	Support of optimal routeing; Stage 1	S1	Yes	2002-06-13	yes
22.081	Line Identification supplementary services; Stage 1	S1	Yes	2002-06-13	yes
22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes	2002-06-13	yes
22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
22.084	MultiParty (MPTY) supplementary service; Stage 1	S1	Yes	2002-06-13	yes

Number	Title	WG prime	For pub-lication?	freeze date	frozen
22.085	Closed User Group (CUG) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
22.086	Advice of Charge (AoC) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
22.087	User-to-user signalling (UUS); Stage 1	S1	Yes	2002-06-13	yes
22.088	Call Barring (CB) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
22.090	Unstructured Supplementary Service Data (USSD); Stage 1	S1	Yes	2002-06-13	yes
22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1	Yes	2002-06-13	yes
22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	S1	Yes	2002-06-13	yes
22.094	Follow Me service description - Stage 1	S1	Yes	2002-06-13	yes
22.096	Name identification supplementary services; Stage 1	S1	Yes	2002-06-13	yes
22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	S1	Yes	2002-06-13	yes
22.115	Service Aspects Charging and billing	S1	Yes	2002-03-14	yes
22.121	Service aspects; The Virtual Home Environment; Stage 1	S1	Yes	2002-03-14	yes
22.129	Handover requirements between UTRAN and GERAN or other radio systems	S1	Yes	2002-03-14	yes
22.226	Global text telephony (GTT); Stage 1: Service description	S1	Yes	2002-03-14	yes
22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1	S1	Yes	2002-03-14	yes
23.002	Network architecture	S2	Yes	2002-03-14	yes
23.003	Numbering, addressing and identification	N4	Yes	2002-03-08	yes
23.007	Restoration procedures	N4	Yes	2002-03-08	yes
23.008	Organisation of subscriber data	N4	Yes	2002-03-08	yes
23.009	Handover procedures	N1	Yes	2002-03-08	yes
23.011	Technical realization of Supplementary Services	N4	Yes	2002-03-08	yes
23.012	Location management procedures	N4	Yes	2002-03-08	yes
23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1	Yes	2002-03-08	yes
23.015	Technical realization of Operator Determined Barring (ODB)	N4	Yes	2002-03-08	yes
23.016	Subscriber data management; Stage 2	N4	Yes	2002-03-08	yes
23.018	Basic Call Handling; Technical realization	N4	Yes	2002-03-08	yes
23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3	Yes	2002-12-12	yes
23.032	Universal Geographical Area Description (GAD)	S2	Yes	2003-03-20	yes
23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes	2002-03-08	yes
23.035	Immediate Service Termination (IST); Stage 2	S3	Yes	2002-06-13	yes
23.038	Alphabets and language-specific information	T2	Yes	2002-03-08	yes
23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	T2	Yes	2002-03-08	yes
23.040	Technical realization of Short Message Service (SMS)	T2	Yes	2002-03-08	yes
23.041	Technical realization of Cell Broadcast Service (CBS)	T2	Yes	2002-06-07	yes
23.042	Compression algorithm for SMS	T2	Yes	2002-03-08	yes
23.048	Security mechanisms for the (U)SIM application toolkit; Stage 2	T3	Yes	2002-03-08	yes
23.053	Tandem Free Operation (TFO); Service description; Stage 2	S4	Yes	2002-06-13	yes
23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	T2	Yes	2002-03-08	yes
23.060	General Packet Radio Service (GPRS); Service description; Stage 2	S2	Yes	2002-03-14	yes
23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4	Yes	2002-03-08	yes
23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N4	Yes	2002-03-08	yes
23.072	Call Deflection Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2	N4	Yes	2002-06-07	yes
23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2	N4	Yes	2002-03-08	yes

Number	Title	WG prime	For pub-lication?	freeze date	frozen
23.081	Line Identification supplementary services; Stage 2	N4	Yes	2002-03-08	yes
23.082	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes	2002-03-08	yes
23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.084	MultiParty (MPTY) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.085	Closed User Group (CUG) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.086	Advice of Charge (AoC) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.087	User-to-User Signalling (UUS) supplementary service; Stage 2	N4	Yes	2002-03-08	yes
23.088	Call Barring (CB) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.090	Unstructured Supplementary Service Data (USSD); Stage 2	N4	Yes	2002-03-08	yes
23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	N4	Yes	2002-03-08	yes
23.094	Follow Me Stage 2	N4	Yes	2002-03-08	yes
23.096	Name Identification Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2	N4	Yes	2002-03-08	yes
23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)	N1	Yes	2002-06-07	yes
23.110	UMTS Access Stratum Services and Functions	S2	Yes	2003-12-18	yes
23.116	Super-Charger technical realization; Stage 2	N4	Yes	2002-03-08	yes
23.119	Gateway Location Register (GLR); Stage2	N4	Yes	2002-03-08	yes
23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	N1	Yes	2002-03-08	yes
23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	T2	Yes	2002-03-08	yes
23.195	Provision of User Equipment Specific Behaviour Information (UESBI) to network entities	S2	Yes	2003-06-12	yes
23.207	End-to-end Quality of Service (QoS) concept and architecture	S2	Yes	2002-03-14	yes
23.218	IP Multimedia (IM) session handling; IM call model; Stage 2	N1	Yes	2002-03-08	yes
23.221	Architectural requirements	S2	Yes	2002-03-14	yes
23.226	Global text telephony (GTT); Stage 2: Architecture	S2	Yes	2002-03-08	yes
23.228	IP Multimedia Subsystem (IMS); Stage 2	S2	Yes	2002-03-14	yes
23.236	Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes	S2	Yes	2002-03-14	yes
23.271	Location Services (LCS); Functional description; Stage 2	S2	Yes	2002-03-14	yes
23.278	customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2	N4	Yes	2002-12-06	yes
23.815	Charging implications of IMS architecture	S2	No	2002-03-14	yes
24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes	2002-03-08	yes
24.007	Mobile radio interface signalling layer 3; General Aspects	N1	Yes	2002-03-08	yes
24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3	N1	Yes	2002-03-08	yes
24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes	2002-03-08	yes
24.011	Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface	N1	Yes	2002-03-08	yes
24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	N3	Yes	2002-03-08	yes
24.030	Location Services (LCS); Supplementary service operations; Stage 3	N4	Yes	2002-03-08	yes
24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	Yes	2002-03-08	yes
24.072	Call Deflection Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding	N4	Yes	2002-03-08	yes

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24.081	Line Identification Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.082	Call Forwarding supplementary service; Stage 3	N4	Yes	2002-03-08	yes
24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.084	MultiParty (MPTY) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.085	Closed User Group (CUG) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.086	Advice of Charge (AoC) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.087	User-to-User Signalling (UUS); Stage 3	N4	Yes	2002-03-08	yes
24.088	Call Barring (CB) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.090	Unstructured Supplementary Service Data (USSD); Stage 3	N4	Yes	2002-03-08	yes
24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	N4	Yes	2002-03-08	yes
24.096	Name Identification Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.228	Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	N1	Yes	2002-06-07	yes
24.229	Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	N1	Yes	2002-06-07	yes
26.071	AMR speech Codec; General description	S4	Yes	2002-06-13	yes
26.073	AMR speech Codec; C-source code	S4	Yes	2002-06-13	yes
26.074	AMR speech Codec; Test sequences	S4	Yes	2002-06-13	yes
26.077	Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder	S4	Yes	2002-06-13	yes
26.090	AMR speech Codec; Transcoding Functions	S4	Yes	2002-06-13	yes
26.091	AMR speech Codec; Error concealment of lost frames	S4	Yes	2002-06-13	yes
26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	S4	Yes	2002-06-13	yes
26.093	AMR speech Codec; Source Controlled Rate operation	S4	Yes	2002-06-13	yes
26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	S4	Yes	2002-06-13	yes
26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu	S4	Yes	2002-06-13	yes
26.103	Speech codec list for GSM and UMTS	S4	Yes	2002-03-14	yes
26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec	S4	Yes	2002-06-13	yes
26.110	Codec for circuit switched multimedia telephony service; General description	S4	Yes	2002-06-13	yes
26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4	Yes	2002-06-13	yes
26.140	Multimedia Messaging Service (MMS); Media formats and codes	S4	Yes	2002-03-14	yes
26.171	AMR speech codec, wideband; General description	S4	Yes	2002-03-14	yes
26.173	ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec	S4	Yes	2002-03-14	yes
26.174	AMR speech codec, wideband; Test sequences	S4	Yes	2002-03-14	yes
26.190	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions	S4	Yes	2002-03-14	yes
26.191	AMR speech codec, wideband; Error concealment of lost frames	S4	Yes	2002-03-14	yes
26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects	S4	Yes	2002-03-14	yes
26.193	AMR speech codec, wideband; Source Controlled Rate operation	S4	Yes	2002-03-14	yes
26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)	S4	Yes	2002-03-14	yes
26.201	AMR speech codec, wideband; Frame structure	S4	Yes	2002-03-14	yes
26.202	AMR speech codec, wideband; Interface to Iu and Uu	S4	Yes	2002-03-14	yes
26.204	ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec	S4	Yes	2002-03-14	yes

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26.226	Cellular text telephone modem; General description	S4	Yes	2002-03-14	yes
26.230	Cellular text telephone modem; Transmitter bit exact C-code	S4	Yes	2002-03-14	yes
26.231	Global text telephony (GTT); Cellular text telephone modem minimum performance requirements	S4	Yes	2002-03-14	yes
26.235	Packet switched conversational multimedia applications; Default codecs	S4	Yes	2002-03-14	yes
26.911	Codec for Circuit switched Multimedia Telephony Service;Terminal Implementorís Guide	S4	Yes	2002-06-13	yes
26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec	S4	Yes	2002-06-13	yes
26.976	Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec	S4	Yes	2002-06-07	yes
27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes	2002-03-08	yes
27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	Yes	2002-03-08	yes
27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3	Yes	2002-03-08	yes
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	2002-03-08	yes
27.007	AT command set for User Equipment (UE)	T2	Yes	2002-03-08	yes
27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	T2	Yes	2002-03-08	yes
27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	N3	Yes	2002-03-08	yes
27.103	Wide Area Network Synchronization	T2	Yes	2002-03-08	yes
28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3	S4	Yes	2002-03-14	yes
29.002	Mobile Application Part (MAP) specification	N4	Yes	2002-03-08	yes
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	2002-03-08	yes
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	2002-03-08	yes
29.011	Signalling Interworking for Supplementary Services	N4	Yes	2002-03-08	yes
29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	Yes	2002-03-08	yes
29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	N1	Yes	2002-03-08	yes
29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	N1	Yes	2002-03-08	yes
29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	N4	Yes	2002-03-08	yes
29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)	N3	Yes	2002-09-06	yes
29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification	N4	Yes	2002-06-07	yes
29.207	Policy control over Go interface	N3	Yes	2002-06-07	yes
29.208	End to end Quality of Service (QoS) signalling flows	N3	Yes	2002-06-07	yes
29.228	IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents	N4	Yes	2002-06-07	yes
29.229	Cx and Dx interfaces based on the Diameter protocol; Protocol details	N4	Yes	2002-06-07	yes
29.278	customized Applications for Mobile network Enhanced Logic	N4	Yes	2002-12-06	yes

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	(CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)				
29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents	N4	Yes	2002-06-07	yes
29.329	Sh interface based on the Diameter protocol	N4	Yes	2002-06-07	yes
29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults	N1	Yes	2002-03-14	yes
30.902	Guidelines for the modification of the Mobile Application Part (MAP)	N4	No	2003-03-14	yes
31.048	Security mechanisms for the (U)SIM application toolkit; Test specification	T3	Yes	2003-09-19	yes
31.103	Characteristics of the IP Multimedia Services Identity Module (ISIM) application	T3	Yes	2002-06-07	yes
31.111	Universal Subscriber Identity Module Application Toolkit (USAT)	T3	Yes	2002-03-08	yes
32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements	S5	Yes	2002-03-14	yes
32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-03-14	yes
32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-03-14	yes
32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-03-14	yes
32.200	Telecommunication management; Charging management; Charging principles	S5	Yes	2002-09-12	yes
32.225	Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)	S5	Yes	2002-09-12	yes
32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects	S5	Yes	2002-09-12	yes
32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements	S5	Yes	2002-03-14	yes
32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-03-14	yes
32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-03-14	yes
32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-03-14	yes
32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	S5	Yes	2002-03-14	yes
32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)	S5	Yes	2002-03-14	yes
32.321	Telecommunication management; Test management Integration Reference Point (IRP): Requirements	S5	Yes	2002-03-14	yes
32.322	Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-09-12	yes
32.323	Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.324	Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.401	Telecommunication management; Performance Management (PM); Concept and requirements	S5	Yes	2002-03-14	yes
32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM	S5	Yes	2002-03-14	yes

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32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements	S5	Yes	2002-09-12	yes
32.601	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements	S5	Yes	2002-09-12	yes
32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information Service (SS)	S5	Yes	2002-09-12	yes
32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements	S5	Yes	2002-06-13	yes
32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-09-12	yes
32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.615	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition	S5	Yes	2002-06-13	yes
32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements	S5	Yes	2002-09-12	yes
32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	2002-03-14	yes
32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.635	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	2002-06-13	yes
32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements	S5	Yes	2002-09-12	yes
32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
32.653	Telecommunication management; Configuration Management (CM);	S5	Yes	2002-09-12	yes

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	GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)				
32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.655	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	2002-06-13	yes
32.661	Telecommunication management; Configuration Management (CM); Kernel CM; Requirements	S5	Yes	2002-09-12	yes
32.662	Telecommunication management; Configuration Management (CM); Kernel CM; Information service (IS)	S5	Yes	2002-12-12	yes
32.663	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.664	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-12-12	yes
32.671	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements	S5	Yes	2002-03-14	yes
32.672	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-03-14	yes
32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-03-14	yes
32.674	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-03-14	yes
32.691	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements	S5	Yes	2002-09-12	yes
32.692	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
33.203	3G security; Access security for IP-based services	S3	Yes	2002-03-14	yes
33.210	3G security; Network Domain Security (NDS); IP network layer security	S3	Yes	2002-03-14	yes
34.902	Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests	T1	Yes	2003-12-12	yes
41.031	Fraud Information Gathering System (FIGS); Service requirements; Stage 0	S3	Yes	2002-03-14	yes
41.033	Lawful Interception requirements for GSM	S3	Yes	2002-03-14	yes
41.101	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	SP	Yes	2003-06-12	yes
42.019	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1	T3	Yes	2002-03-08	yes
42.033	Lawful Interception; Stage 1	S3	Yes	2002-03-14	yes
42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1	S1	Yes	2002-06-13	yes
42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	S1	Yes	2002-06-13	yes
42.068	Voice Group Call Service (VGCS); Stage 1	S1	Yes	2002-06-13	yes
42.069	Voice Broadcast Service (VBS); Stage 1	S1	Yes	2002-06-13	yes
43.005	Technical performance objectives	NP	Yes	2002-03-08	yes
43.010	GSM Public Land Mobile Network (PLMN) connection types	N3	Yes	2002-03-08	yes
43.013	Discontinuous Reception (DRX) in the GSM system	G1	Yes	2002-06-28	yes
43.019	Subscriber Identity Module Application Programming Interface (SIM	T3	Yes	2002-03-08	yes

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	API) for Java Card; Stage 2				
43.020	Security-related network functions	S3	Yes	2002-06-13	yes
43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode	G1	Yes	2002-06-28	yes
43.026	Multiband operation of GSM / DCS 1800 by a single operator	G1	Yes	2002-06-28	yes
43.030	Radio network planning aspects	G1	Yes	2002-06-28	yes
43.033	Lawful Interception; Stage 2	S3	Yes	2002-03-14	yes
43.045	Technical Realization of Facsimile Group 3 Service - transparent	N3	Yes	2002-03-08	yes
43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	Yes	2002-03-14	yes
43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2	G1	Yes	2002-04-19	yes
43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2	G1	Yes	2002-06-28	yes
43.055	Dual Transfer Mode (DTM); Stage 2	G1	Yes	2002-06-28	yes
43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S4	Yes	2002-06-13	yes
43.059	Functional stage 2 description of Location Services (LCS) in GERAN	G1	Yes	2002-04-19	yes
43.064	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2	G1	Yes	2002-04-19	yes
43.068	Voice Group Call Service (VGCS); Stage 2	N1	Yes	2002-03-08	yes
43.069	Voice Broadcast service (VBS); Stage 2	N1	Yes	2002-03-08	yes
43.073	Support of Localised Service Area (SoLSA); Stage 2	N4	Yes	2002-06-13	yes
43.130	Iur-g interface; Stage 2	G1	Yes	2002-08-30	yes
44.001	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	Yes	2002-03-08	yes
44.003	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	Yes	2002-08-30	yes
44.004	Layer 1 - General Requirements	G2	Yes	2002-04-19	yes
44.005	Data Link (DL) Layer General Aspects	G2	Yes	2002-08-30	yes
44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	Yes	2002-08-30	yes
44.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Yes	2002-08-30	yes
44.013	Performance Requirements on Mobile Radio Interface	N1	Yes	2002-03-08	yes
44.014	Individual equipment type requirements and interworking; Special conformance testing functions	G2	Yes	2002-08-30	yes
44.018	Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol	G2	Yes	2002-04-19	yes
44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3	Yes	2002-03-08	yes
44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)	G2	Yes	2002-04-19	yes
44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods	G2	Yes	2002-08-30	yes
44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	N1	Yes	2002-03-08	yes
44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	N1	Yes	2002-03-08	yes
44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	G2	Yes	2002-04-19	yes
44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	N1	Yes	2002-03-08	yes
44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN);	N1	Yes	2002-03-08	yes

Number	Title	WG prime	For pub-lication?	freeze date	frozen
	Subnetwork Dependent Convergence Protocol (SNDCP)				
44.068	Group Call Control (GCC) Protocol	N1	Yes	2002-03-08	yes
44.069	Broadcast Call Control (BCC) protocol	N1	Yes	2002-03-08	yes
44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification	G2	Yes	2002-08-30	yes
44.118	Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; Iu mode	G2	Yes	2002-04-19	yes
44.160	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu mode	G2	Yes	2002-04-19	yes
44.901	External network assisted cell change (NACC)	G2	Yes	2002-04-19	yes
45.001	Physical layer on the radio path; General description	G1	Yes	2002-04-19	yes
45.002	Multiplexing and multiple access on the radio path	G1	Yes	2002-04-19	yes
45.003	Channel coding	G1	Yes	2002-04-19	yes
45.004	Modulation	G1	Yes	2002-04-19	yes
45.005	Radio transmission and reception	G1	Yes	2002-04-19	yes
45.008	Radio subsystem link control	G1	Yes	2002-04-19	yes
45.009	Link adaptation	G1	Yes	2002-04-19	yes
45.010	Radio subsystem synchronization	G1	Yes	2002-06-28	yes
45.015	Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines	G1	Yes	2004-11-12	yes
45.022	Radio link management in hierarchical networks	G1	Yes	2002-06-28	yes
45.050	Background for RF Requirements	G1	Yes	2002-06-28	yes
45.056	CTS-FP Radio Sub-system	G1	Yes	2002-06-28	yes
46.001	Full Rate Speech Processing Functions	S4	Yes	2002-06-13	yes
46.002	Half Rate Speech Processing Functions	S4	Yes	2002-06-13	yes
46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec	S4	Yes	2002-06-13	yes
46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	S4	Yes	2002-06-13	yes
46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4	Yes	2002-06-13	yes
46.010	Full-rate speech transcoding	S4	Yes	2002-06-13	yes
46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4	Yes	2002-06-13	yes
46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	Yes	2002-06-13	yes
46.020	Half Rate Speech Transcoding	S4	Yes	2002-06-13	yes
46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4	Yes	2002-06-13	yes
46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4	Yes	2002-06-13	yes
46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	Yes	2002-06-13	yes
46.032	Voice Activity Detection (VAD)	S4	Yes	2002-06-13	yes
46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4	Yes	2002-06-13	yes
46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4	Yes	2002-06-13	yes
46.051	GSM Enhanced full rate speech processing functions: General description	S4	Yes	2002-06-13	yes
46.053	ANSI-C code for the GSM Enhanced full rate speech codec	S4	Yes	2002-06-13	yes
46.054	Test sequences for the GSM Enhanced Full Rate (EFR)	S4	Yes	2002-06-13	yes
46.055	Performance characterisation of the GSM EFR Speech Codec	S4	Yes	2002-06-13	yes
46.060	Enhanced full rate speech transcoding	S4	Yes	2002-06-13	yes
46.061	Substitution and muting of lost frames for encanced full rate speech traffic channels	S4	Yes	2002-06-13	yes
46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4	Yes	2002-06-13	yes

Number	Title	WG prime	For pub-lication?	freeze date	frozen
46.081	Discontinuous Transmission (DTX) for encanced full rate speech traffic channels	S4	Yes	2002-06-13	yes
46.082	Voice Activity Detection (VAD) for encanced full rate speech traffic channels	S4	Yes	2002-06-13	yes
46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	S4	Yes	2002-06-13	yes
48.001	General Aspects on the BSS-MSC Interface	G2	Yes	2002-08-30	yes
48.002	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Yes	2002-04-19	yes
48.004	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	Yes	2002-08-30	yes
48.006	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	Yes	2002-08-30	yes
48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Yes	2002-04-19	yes
48.014	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	G2	Yes	2002-08-30	yes
48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	G2	Yes	2002-04-19	yes
48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2	Yes	2002-04-19	yes
48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	Yes	2002-03-08	yes
48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	G2	Yes	2002-06-28	yes
48.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	G2	Yes	2002-08-30	yes
48.052	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	G2	Yes	2002-08-30	yes
48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits	G2	Yes	2002-08-30	yes
48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification	G2	Yes	2002-08-30	yes
48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	G2	Yes	2002-04-19	yes
48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels	G1	Yes	2002-04-19	yes
48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels	G1	Yes	2002-04-19	yes
48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification	G2	Yes	2002-08-30	yes
49.001	General network interworking scenarios	N4	Yes	2002-03-08	yes
49.008	Application of the Base Station System Application Part (BSSAP) on the E-Interface	N1	Yes	2002-03-08	yes
49.031	Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)	G2	Yes	2002-04-19	yes
51.010-1	Mobile Station (MS) conformance specification; Part 1: Conformance specification	G3new	Yes	2002-03-14	yes
51.010-2	Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	G3new	Yes	2002-08-30	yes
51.010-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	G3new	Yes	2004-02-06	yes
51.010-4	Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification	T3	Yes	2004-12-16	yes
51.010-5	Mobile Station (MS) conformance specification; Part 5: GERAN / UTRAN interaction Abstract Test Suite (ATS)	G3new	Yes		

Number	Title	WG prime	For pub-lication?	freeze date	frozen
51.013	Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card	T3	Yes	2003-06-06	yes
51.021	Base Station System (BSS) equipment specification; Radio aspects	G1	Yes	2002-06-28	yes
51.026	GSM Repeater Equipment Specification	G1	Yes	2002-06-28	yes
52.021	Network Management (NM) Procedures and messages on the A-bis interface	G1	Yes	2002-06-28	yes
52.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM	S5	Yes	2002-12-12	yes
55.205	Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8	S3	Yes	2004-12-16	yes
55.216	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification	S3	Yes	2004-12-16	yes
55.217	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data	S3	Yes	2004-12-16	yes
55.218	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data	S3	Yes	2004-12-16	yes
55.919	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report	S3	Yes	2004-12-16	yes

Page 1: [1] Comment [H3]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the CR number here. This number is allocated by the 3GPP support team.   It consists of at least three digits, padded with leading zeros if necessary.

Page 1: [2] Comment [H5]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the version of the specification here. This number is the version of the specification to which the CR will be applied if it is approved. Make sure that the latest version of the specification (of the relevant release) is used when creating the CR. If unsure what the latest version is, go to http://www.3gpp.org/specs/specs.htm.

Page 1: [3] Comment [H6]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

For help on how to fill out a field, place the mouse pointer over the special symbol closest to the field in question.

Page 1: [4] Comment [H9]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter a concise description of the subject matter of the CR. It should be no longer than one line.   Do not use redundant information such as "Change Request number xxx to 3GPP TS xx.xxx".

Page 1: [5] Comment [H10]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the source of the CR. This is either (a) one or several companies or, (b) if a (sub)working group has already reviewed and agreed the CR, then list the group as the source.

Page 1: [6] Comment [H11]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the acronym for the work item which is applicable to the change. This field is mandatory for category F, B & C CRs for release 4 and later. A list of work item acronyms can be found in the 3GPP work plan. See http://www.3gpp.org/ftp/information/work_plan/ .
The list is also included in a MS Excel file included in the zip file containing the CR cover sheet template.

Page 1: [7] Comment [H12]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the date on which the CR was last revised.   Format to be interpretable by English version of MS Windows Æ applications, e.g. 19/02/2002.

Page 1: [8] Comment [H13]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter a single letter corresponding to the most appropriate category listed below. For more detailed help on interpreting these categories, see the Technical Report 21.900 "TSG working methods".

Page 1: [9] Comment [H16]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter text which describes the most important components of the change. i.e. How the change is made.

Page 1: [10] Comment [H17]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter here the consequences if this CR was to be rejected. It is necessary to complete this section only if the CR is of category "F" (i.e. correction).

Page 1: [11] Comment [H19]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Tick "yes" box if any other specifications are affected by this change.   Else tick "no".   You MUST fill in one or the other.

Enter any other information which may be needed by the group being requested to approve the CR. This could include special conditions for it's approval which are not listed anywhere else above.

Enter any other information which may be needed by the group being requested to approve the CR. This could include special conditions for it's approval which are not listed anywhere else above.

CHANGE REQUEST

⌘ **41.101** CR **009** ⌘**rev** **-** ⌘ **Current version:** **5.8.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the* ⌘ *symbols.*

Proposed change affects: | UICC apps⌘ ☐   ME ☐   Radio Access Network ☐   Core Network ☐

Title: ⌘	Corrections to list of specifications
Source: ⌘	MCC
Work item code: ⌘	TEI6
Date: ⌘	08/12/04

Category: ⌘ **F**

Release: ⌘ Rel-6

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
Ph2 *(GSM Phase 2)*
R96 *(Release 1996)*
R97 *(Release 1997)*
R98 *(Release 1998)*
R99 *(Release 1999)*
Rel-4 *(Release 4)*
Rel-5 *(Release 5)*
Rel-6 *(Release 6)*

Reason for change: ⌘	To ensure list of specifications required to implement system is correct.
Summary of change: ⌘	Adds: Specs pertaining to new Rel-6 features Removes: Dross
Consequences if not approved: ⌘	List is wrong, risk of erroneous system implementation.

Clauses affected: ⌘	5

	Y	N	
Other specs affected: ⌘		X	Other core specifications ⌘
		X	Test specifications
		X	O&M Specifications

Other comments: ⌘	

CR page 1

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

Number	Title	WG prime	For pub-lication?	freeze date	frozen
21.801	Specification drafting rules	SP	No	2002-03-14	yes
21.900	Technical Specification Group working methods	SP	Yes	2002-03-14	yes
21.905	Vocabulary for 3GPP Specifications	S1	Yes	2002-03-14	yes
22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1	Yes	2002-06-13	yes
22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)	S1	Yes	2002-06-13	yes
22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	S1	Yes	2002-03-14	yes
22.004	General on supplementary services	S1	Yes	2002-06-13	yes
22.011	Service accessibility	S1	Yes	2002-06-13	yes
22.016	International Mobile Equipment Identities (IMEI)	S1	Yes	2002-06-13	yes
22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3	Yes	2002-09-12	yes
22.024	Description of Charge Advice Information (CAI)	S1	Yes	2002-06-13	yes
22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	S1	Yes	2002-06-13	yes
22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3	Yes	2002-12-12	yes
22.032	Immediate Service Termination (IST); Service description; Stage 1	S3	Yes	2002-06-13	yes
22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	Yes	2002-06-13	yes
22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1	Yes	2002-03-14	yes
22.041	Operator Determined Call Barring	S1	Yes	2002-06-13	yes
22.042	Network Identity and Time Zone (NITZ) service description; Stage 1	S1	Yes	2002-06-13	yes
22.048	Security mechanisms for the (U)SIM application toolkit; Stage 1	T3	Yes	2003-06-06	yes
22.053	Tandem Free Operation (TFO); Service description; Stage 1	S4	Yes	2002-06-13	yes
22.057	Mobile Execution Environment (MExE) service description; Stage 1	S1	Yes	2002-03-14	yes
22.060	General Packet Radio Service (GPRS); Service description; Stage 1	S1	Yes	2002-03-14	yes
22.066	Support of Mobile Number Portability (MNP); Stage 1	S1	Yes	2002-06-13	yes
22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1	S1	Yes	2002-06-13	yes
22.071	Location Services (LCS); Stage 1	S1	Yes	2002-03-14	yes
22.072	Call Deflection (CD); Stage 1	S1	Yes	2002-06-13	yes
22.076	Noise suppression for the AMR codec; Service description; Stage 1	S4	Yes	2002-06-13	yes
22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	S1	Yes	2002-03-14	yes
22.079	Support of optimal routeing; Stage 1	S1	Yes	2002-06-13	yes
22.081	Line Identification supplementary services; Stage 1	S1	Yes	2002-06-13	yes
22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes	2002-06-13	yes
22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
22.084	MultiParty (MPTY) supplementary service; Stage 1	S1	Yes	2002-06-13	yes

Number	Title	WG prime	For pub-lication?	freeze date	frozen
22.085	Closed User Group (CUG) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
22.086	Advice of Charge (AoC) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
22.087	User-to-user signalling (UUS); Stage 1	S1	Yes	2002-06-13	yes
22.088	Call Barring (CB) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
22.090	Unstructured Supplementary Service Data (USSD); Stage 1	S1	Yes	2002-06-13	yes
22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1	Yes	2002-06-13	yes
22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	S1	Yes	2002-06-13	yes
22.094	Follow Me service description - Stage 1	S1	Yes	2002-06-13	yes
22.096	Name identification supplementary services; Stage 1	S1	Yes	2002-06-13	yes
22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	S1	Yes	2002-06-13	yes
22.115	Service Aspects Charging and billing	S1	Yes	2002-03-14	yes
22.121	Service aspects; The Virtual Home Environment; Stage 1	S1	Yes	2002-03-14	yes
22.129	Handover requirements between UTRAN and GERAN or other radio systems	S1	Yes	2002-03-14	yes
22.174	Push service; Stage 1	S1	Yes	-	-
22.226	Global text telephony (GTT); Stage 1: Service description	S1	Yes	2002-03-14	yes
22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1	S1	Yes	2002-03-14	yes
22.243	Speech recognition framework for automated voice services; Stage 1	S1	Yes	-	-
22.246	Multimedia Broadcast/Multicast Service (MBMS) user services; Stage 1	S1	Yes	-	-
22.857	Run-time independent framework feasibility study	T2	No	-	-
22.950	Priority service feasibility study	S1	Yes	-	-
22.951	Service aspects and requirements for network sharing	S1	Yes	-	-
22.952	Priority service guide	S1	Yes	-	-
23.002	Network architecture	S2	Yes	2002-03-14	yes
23.003	Numbering, addressing and identification	N4	Yes	2002-03-08	yes
23.007	Restoration procedures	N4	Yes	2002-03-08	yes
23.008	Organisation of subscriber data	N4	Yes	2002-03-08	yes
23.009	Handover procedures	N1	Yes	2002-03-08	yes
23.011	Technical realization of Supplementary Services	N4	Yes	2002-03-08	yes
23.012	Location management procedures	N4	Yes	2002-03-08	yes
23.015	Technical realization of Operator Determined Barring (ODB)	N4	Yes	2002-03-08	yes
23.016	Subscriber data management; Stage 2	N4	Yes	2002-03-08	yes
23.018	Basic Call Handling; Technical realization	N4	Yes	2002-03-08	yes
23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3	Yes	2002-12-12	yes
23.032	Universal Geographical Area Description (GAD)	S2	Yes	2003-03-20	yes
23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes	2002-03-08	yes
23.035	Immediate Service Termination (IST); Stage 2	S3	Yes	2002-06-13	yes
23.038	Alphabets and language-specific information	T2	Yes	2002-03-08	yes
23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	T2	Yes	2002-03-08	yes
23.040	Technical realization of Short Message Service (SMS)	T2	Yes	2002-03-08	yes
23.041	Technical realization of Cell Broadcast Service (CBS)	T2	Yes	2002-06-07	yes
23.042	Compression algorithm for SMS	T2	Yes	2002-03-08	yes
23.048	Security mechanisms for the (U)SIM application toolkit; Stage 2	T3	Yes	2002-03-08	yes
23.053	Tandem Free Operation (TFO); Service description; Stage 2	S4	Yes	2002-06-13	yes
23.057	Mobile Execution Environment (MExE); Functional description; Stage	T2	Yes	2002-03-08	yes

Deleted: 23.014

Deleted: Support of Dual Tone Multi Frequency (DTMF) signalling

Deleted: N1

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Deleted: yes

Number	Title	WG prime	For pub-lication?	freeze date	frozen
	2				
23.060	General Packet Radio Service (GPRS); Service description; Stage 2	S2	Yes	2002-03-14	yes
23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4	Yes	2002-03-08	yes
23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N4	Yes	2002-03-08	yes
23.072	Call Deflection Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2	N4	Yes	2002-06-07	yes
23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2	N4	Yes	2002-03-08	yes
23.081	Line Identification supplementary services; Stage 2	N4	Yes	2002-03-08	yes
23.082	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes	2002-03-08	yes
23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.084	MultiParty (MPTY) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.085	Closed User Group (CUG) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.086	Advice of Charge (AoC) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.087	User-to-User Signalling (UUS) supplementary service; Stage 2	N4	Yes	2002-03-08	yes
23.088	Call Barring (CB) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.090	Unstructured Supplementary Service Data (USSD); Stage 2	N4	Yes	2002-03-08	yes
23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	N4	Yes	2002-03-08	yes
23.094	Follow Me Stage 2	N4	Yes	2002-03-08	yes
23.096	Name Identification Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2	N4	Yes	2002-03-08	yes
23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)	N1	Yes	2002-06-07	yes
23.110	UMTS Access Stratum Services and Functions	S2	Yes	2003-12-18	yes
23.116	Super-Charger technical realization; Stage 2	N4	Yes	2002-03-08	yes
23.119	Gateway Location Register (GLR); Stage2	N4	Yes	2002-03-08	yes
23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	N1	Yes	2002-03-08	yes
23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	T2	Yes	2002-03-08	yes
23.195	Provision of User Equipment Specific Behaviour Information (UESBI) to network entities	S2	Yes	2003-06-12	yes
23.207	End-to-end Quality of Service (QoS) concept and architecture	S2	Yes	2002-03-14	yes
23.218	IP Multimedia (IM) session handling; IM call model; Stage 2	N1	Yes	2002-03-08	yes
23.221	Architectural requirements	S2	Yes	2002-03-14	yes
23.226	Global text telephony (GTT); Stage 2: Architecture	S2	Yes	2002-03-08	yes
23.228	IP Multimedia Subsystem (IMS); Stage 2	S2	Yes	2002-03-14	yes
23.236	Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes	S2	Yes	2002-03-14	yes
23.271	Location Services (LCS); Functional description; Stage 2	S2	Yes	2002-03-14	yes
23.278	customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2	N4	Yes	2002-12-06	yes
23.815	Charging implications of IMS architecture	S2	No	2002-03-14	yes
24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes	2002-03-08	yes
24.007	Mobile radio interface signalling layer 3; General Aspects	N1	Yes	2002-03-08	yes
24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3	N1	Yes	2002-03-08	yes
24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes	2002-03-08	yes

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24.011	Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface	N1	Yes	2002-03-08	yes
24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	N3	Yes	2002-03-08	yes
24.030	Location Services (LCS); Supplementary service operations; Stage 3	N4	Yes	2002-03-08	yes
24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	Yes	2002-03-08	yes
24.072	Call Deflection Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding	N4	Yes	2002-03-08	yes
24.081	Line Identification Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.082	Call Forwarding supplementary service; Stage 3	N4	Yes	2002-03-08	yes
24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.084	MultiParty (MPTY) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.085	Closed User Group (CUG) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.086	Advice of Charge (AoC) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.087	User-to-User Signalling (UUS); Stage 3	N4	Yes	2002-03-08	yes
24.088	Call Barring (CB) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.090	Unstructured Supplementary Service Data (USSD); Stage 3	N4	Yes	2002-03-08	yes
24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	N4	Yes	2002-03-08	yes
24.096	Name Identification Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
24.141	Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	N1	Yes	-	-
24.147	Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	N1	Yes	-	-
24.229	Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	N1	Yes	2002-06-07	yes
24.841	Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details	N1	No	-	-
25.901	Network Assisted Cell Change (NACC) from UTRAN to GERAN; Network side aspects	R3	Yes	-	-
25.992	Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements	RP	Yes	-	-
26.071	AMR speech Codec; General description	S4	Yes	2002-06-13	yes
26.073	AMR speech Codec; C-source code	S4	Yes	2002-06-13	yes
26.074	AMR speech Codec; Test sequences	S4	Yes	2002-06-13	yes
26.077	Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder	S4	Yes	2002-06-13	yes
26.090	AMR speech Codec; Transcoding Functions	S4	Yes	2002-06-13	yes
26.091	AMR speech Codec; Error concealment of lost frames	S4	Yes	2002-06-13	yes
26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	S4	Yes	2002-06-13	yes
26.093	AMR speech Codec; Source Controlled Rate operation	S4	Yes	2002-06-13	yes
26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	S4	Yes	2002-06-13	yes
26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu	S4	Yes	2002-06-13	yes
26.103	Speech codec list for GSM and UMTS	S4	Yes	2002-03-14	yes
26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec	S4	Yes	2002-06-13	yes
26.110	Codec for circuit switched multimedia telephony service; General description	S4	Yes	2002-06-13	yes
26.111	Codec for Circuit switched Multimedia Telephony Service;	S4	Yes	2002-06-13	yes

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	Modifications to H.324				
26.140	Multimedia Messaging Service (MMS); Media formats and codes	S4	Yes	2002-03-14	yes
26.171	AMR speech codec, wideband; General description	S4	Yes	2002-03-14	yes
26.173	ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec	S4	Yes	2002-03-14	yes
26.174	AMR speech codec, wideband; Test sequences	S4	Yes	2002-03-14	yes
26.190	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions	S4	Yes	2002-03-14	yes
26.191	AMR speech codec, wideband; Error concealment of lost frames	S4	Yes	2002-03-14	yes
26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects	S4	Yes	2002-03-14	yes
26.193	AMR speech codec, wideband; Source Controlled Rate operation	S4	Yes	2002-03-14	yes
26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)	S4	Yes	2002-03-14	yes
26.201	AMR speech codec, wideband; Frame structure	S4	Yes	2002-03-14	yes
26.202	AMR speech codec, wideband; Interface to Iu and Uu	S4	Yes	2002-03-14	yes
26.204	ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec	S4	Yes	2002-03-14	yes
26.226	Cellular text telephone modem; General description	S4	Yes	2002-03-14	yes
26.230	Cellular text telephone modem; Transmitter bit exact C-code	S4	Yes	2002-03-14	yes
26.231	Global text telephony (GTT); Cellular text telephone modem minimum performance requirements	S4	Yes	2002-03-14	yes
26.235	Packet switched conversational multimedia applications; Default codecs	S4	Yes	2002-03-14	yes
26.243	ANSI C code for the fixed-point distributed speech recognition extended advanced front-end	S4	Yes		-
26.911	Codec for Circuit switched Multimedia Telephony Service;Terminal Implementorís Guide	S4	Yes	2002-06-13	yes
26.943	Recognition performance evaluations of codecs for Speech Enabled Services (SES)	S4	Yes		-
26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec	S4	Yes	2002-06-13	yes
26.976	Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec	S4	Yes	2002-06-07	yes
26.978	Results of the AMR noise suppression selection phase	S4	Yes		-
27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes	2002-03-08	yes
27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	Yes	2002-03-08	yes
27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3	Yes	2002-03-08	yes
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	2002-03-08	yes
27.007	AT command set for User Equipment (UE)	T2	Yes	2002-03-08	yes
27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	T2	Yes	2002-03-08	yes
27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	N3	Yes	2002-03-08	yes
27.103	Wide Area Network Synchronization	T2	Yes	2002-03-08	yes
28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3	S4	Yes	2002-03-14	yes
29.002	Mobile Application Part (MAP) specification	N4	Yes	2002-03-08	yes
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	2002-03-08	yes
29.010	Information Element Mapping between Mobile Station - Base Station	N4	Yes	2002-03-08	yes

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	System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)				
29.011	Signalling Interworking for Supplementary Services	N4	Yes	2002-03-08	yes
29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	Yes	2002-03-08	yes
29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	N1	Yes	2002-03-08	yes
29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	N1	Yes	2002-03-08	yes
29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	N4	Yes	2002-03-08	yes
29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)	N3	Yes	2002-09-06	yes
29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification	N4	Yes	2002-06-07	yes
29.109	Generic Authentication Architecture (GAA); Zh and Zn Interfaces based on the Diameter protocol; Stage 3	N4	Yes	-	-
29.162	Interworking between the IM CN subsystem and IP networks	N3	Yes	-	-
29.163	Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks	N3	Yes	-	-
29.207	Policy control over Go interface	N3	Yes	2002-06-07	yes
29.208	End to end Quality of Service (QoS) signalling flows	N3	Yes	2002-06-07	yes
29.228	IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents	N4	Yes	2002-06-07	yes
29.229	Cx and Dx interfaces based on the Diameter protocol; Protocol details	N4	Yes	2002-06-07	yes
29.230	Diameter applications; 3GPP specific codes and identifiers	N4	Yes	-	-
29.278	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)	N4	Yes	2002-12-06	yes
29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents	N4	Yes	2002-06-07	yes
29.329	Sh interface based on the Diameter protocol	N4	Yes	2002-06-07	yes
29.846	Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description	N1	No	-	-
29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults	N1	Yes	2002-03-14	yes
30.902	Guidelines for the modification of the Mobile Application Part (MAP)	N4	No	2003-03-14	yes
31.048	Security mechanisms for the (U)SIM application toolkit; Test specification	T3	Yes	2003-09-19	yes
31.103	Characteristics of the IP Multimedia Services Identity Module (ISIM) application	T3	Yes	2002-06-07	yes
31.111	Universal Subscriber Identity Module Application Toolkit (USAT)	T3	Yes	2002-03-08	yes
31.116	Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications	T3	Yes	-	-
31.130	(U)SIM Application Programming Interface API; (U)SIM API for Java Card(TM)	T3	Yes	-	-
31.919	2G/3G Java Card(TM) Application Programming Interface (API) based applet interworking	T3	Yes	-	-
32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements	S5	Yes	2002-03-14	yes
32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-03-14	yes
32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker	S5	Yes	2002-03-14	yes

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	Architecture (CORBA) Solution Set (SS)				
32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-03-14	yes
32.111-5	Telecommunication management; Fault Management; Part 5: Alarm Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions	S5	Yes	-	-
32.140	Telecommunication management; Subscription Management (SuM) requirements	S5	Yes	-	-
32.141	Telecommunication management; Subscription Management (SuM) architecture	S5	Yes	-	-
32.150	Telecommunication management; Integration Reference Point (IRP) Concept and definitions	S5	Yes	-	-
32.151	Telecommunication management; Integration Reference Point (IRP) Information Service (IS) template	S5	Yes	-	-
32.152	Telecommunication management; Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire	S5	Yes	-	-
32.171	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements	S5	Yes	-	-
32.172	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)	S5	Yes	-	-
32.295	Telecommunication management; Charging management; Charging Data Record (CDR) transfer	S5	Yes	-	-
32.296	Telecommunication management; Charging management; Online Charging System (OCS): Applications and interfaces	S5	Yes	-	-
32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements	S5	Yes	2002-03-14	yes
32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-03-14	yes
32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-03-14	yes
32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-03-14	yes
32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	S5	Yes	2002-03-14	yes
32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)	S5	Yes	2002-03-14	yes
32.313	Telecommunication management; Generic Integration Reference Point (IRP) management; Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	-	-
32.321	Telecommunication management; Test management Integration Reference Point (IRP): Requirements	S5	Yes	2002-03-14	yes
32.322	Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-09-12	yes
32.323	Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.324	Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes

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32.331	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Requirements	S5	Yes		-
32.332	Telecommunication management; Notification Log (NL) (NL) Integration Reference Point (IRP): Information Service (IS)	S5	Yes		-
32.333	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes		-
32.334	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes		-
32.341	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Requirements	S5	Yes		-
32.342	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Information Service (IS)	S5	Yes		-
32.343	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes		-
32.344	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes		-
32.351	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Requirements	S5	Yes		-
32.352	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Information Service (IS)	S5	Yes		-
32.353	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes		-
32.354	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes		-
32.361	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Requirements	S5	Yes		-
32.362	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Information Service (IS)	S5	Yes		-
32.363	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes		-
32.364	Telecommunication Management; Entry Point (EP) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes		-
32.371	Telecommunication management; Security Management concept and requirements	S5	Yes		-
32.372	Telecommunication management; Security Management Integration Reference Point (IRP): Information Service (IS)	S5	Yes		-
32.373	Telecommunication management; Security Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes		-
32.374	Telecommunication management; Security Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes		-
32.401	Telecommunication management; Performance Management (PM); Concept and requirements	S5	Yes	2002-03-14	yes
32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM	S5	Yes	2002-03-14	yes
32.411	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements	S5	Yes		-
32.412	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information Service (IS)	S5	Yes		-
32.413	Telecommunication management; Performance Management (PM)	S5	Yes		-

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	Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)				
32.414	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	-	-
32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements	S5	Yes	2002-09-12	yes
32.601	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements	S5	Yes	2002-09-12	yes
32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information Service (SS)	S5	Yes	2002-09-12	yes
32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements	S5	Yes	2002-06-13	yes
32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-09-12	yes
32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.615	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition	S5	Yes	2002-06-13	yes
32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements	S5	Yes	2002-09-12	yes
32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	2002-03-14	yes
32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.635	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	2002-06-13	yes
32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP):	S5	Yes	2002-09-12	yes

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	Requirements				
32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.655	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	2002-06-13	yes
32.661	Telecommunication management; Configuration Management (CM); Kernel CM; Requirements	S5	Yes	2002-09-12	yes
32.662	Telecommunication management; Configuration Management (CM); Kernel CM; Information service (IS)	S5	Yes	2002-12-12	yes
32.663	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
32.664	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-12-12	yes
32.671	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements	S5	Yes	2002-03-14	yes
32.672	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-03-14	yes
32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-03-14	yes
32.674	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-03-14	yes
32.681	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements	S5	Yes		-
32.682	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Information Service (IS)	S5	Yes		-
32.683	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes		-
32.684	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes		-
32.690	Telecommunication management; Inventory Management (IM): Requirements	S5	Yes		-
32.691	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements	S5	Yes	2002-09-12	yes
32.692	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
32.803	Telecommunication management; Process guide; Use cases in Unified Modelling Language (UML)	S5	No		-
33.203	3G security; Access security for IP-based services	S3	Yes	2002-03-14	yes
33.210	3G security; Network Domain Security (NDS); IP network layer security	S3	Yes	2002-03-14	yes
33.246	3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)	S3	No		-

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33.817	Feasibility study on (Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces	S3	No		-
34.131	Test specification for C-language binding for (U)SIM API	T3	Yes		-
34.902	Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests	T1	Yes	2003-12-12	yes
41.031	Fraud Information Gathering System (FIGS); Service requirements; Stage 0	S3	Yes	2002-03-14	yes
41.033	Lawful Interception requirements for GSM	S3	Yes	2002-03-14	yes
41.101	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	SP	Yes	2003-06-12	yes
42.033	Lawful Interception; Stage 1	S3	Yes	2002-03-14	yes
42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1	S1	Yes	2002-06-13	yes
42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	S1	Yes	2002-06-13	yes
42.068	Voice Group Call Service (VGCS); Stage 1	S1	Yes	2002-06-13	yes
42.069	Voice Broadcast Service (VBS); Stage 1	S1	Yes	2002-06-13	yes
43.005	Technical performance objectives	NP	Yes	2002-03-08	yes
43.010	GSM Public Land Mobile Network (PLMN) connection types	N3	Yes	2002-03-08	yes
43.013	Discontinuous Reception (DRX) in the GSM system	G1	Yes	2002-06-28	yes
43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2	T3	Yes	2002-03-08	yes
43.020	Security-related network functions	S3	Yes	2002-06-13	yes
43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode	G1	Yes	2002-06-28	yes
43.026	Multiband operation of GSM / DCS 1800 by a single operator	G1	Yes	2002-06-28	yes
43.030	Radio network planning aspects	G1	Yes	2002-06-28	yes
43.033	Lawful Interception; Stage 2	S3	Yes	2002-03-14	yes
43.045	Technical Realization of Facsimile Group 3 Service - transparent	N3	Yes	2002-03-08	yes
43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	Yes	2002-03-14	yes
43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2	G1	Yes	2002-04-19	yes
43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2	G1	Yes	2002-06-28	yes
43.055	Dual Transfer Mode (DTM); Stage 2	G1	Yes	2002-06-28	yes
43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S4	Yes	2002-06-13	yes
43.059	Functional stage 2 description of Location Services (LCS) in GERAN	G1	Yes	2002-04-19	yes
43.064	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2	G1	Yes	2002-04-19	yes
43.068	Voice Group Call Service (VGCS); Stage 2	N1	Yes	2002-03-08	yes
43.069	Voice Broadcast service (VBS); Stage 2	N1	Yes	2002-03-08	yes
43.073	Support of Localised Service Area (SoLSA); Stage 2	N4	Yes	2002-06-13	yes
43.129	Packed-switched handover for GERAN A/Gb mode; Stage 2	G2	Yes		-
43.130	Iur-g interface; Stage 2	G1	Yes	2002-08-30	yes
43.246	Multimedia Broadcast/Multicast Service (MBMS) in the GERAN; Stage 2	G1	Yes		-
43.901	Feasibility Study on generic access to A/Gb interface	G1	Yes		-
44.001	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	Yes	2002-03-08	yes
44.003	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	Yes	2002-08-30	yes

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Deleted: Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Deleted: T3

Deleted: Yes

Deleted: 2002-03-08

Deleted: yes

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Number	Title	WG prime	For pub-lication?	freeze date	frozen
44.004	Layer 1 - General Requirements	G2	Yes	2002-04-19	yes
44.005	Data Link (DL) Layer General Aspects	G2	Yes	2002-08-30	yes
44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	Yes	2002-08-30	yes
44.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Yes	2002-08-30	yes
44.013	Performance Requirements on Mobile Radio Interface	N1	Yes	2002-03-08	yes
44.014	Individual equipment type requirements and interworking; Special conformance testing functions	G2	Yes	2002-08-30	yes
44.018	Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol	G2	Yes	2002-04-19	yes
44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3	Yes	2002-03-08	yes
44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)	G2	Yes	2002-04-19	yes
44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods	G2	Yes	2002-08-30	yes
44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	N1	Yes	2002-03-08	yes
44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	N1	Yes	2002-03-08	yes
44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	G2	Yes	2002-04-19	yes
44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	N1	Yes	2002-03-08	yes
44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)	N1	Yes	2002-03-08	yes
44.068	Group Call Control (GCC) Protocol	N1	Yes	2002-03-08	yes
44.069	Broadcast Call Control (BCC) protocol	N1	Yes	2002-03-08	yes
44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification	G2	Yes	2002-08-30	yes
44.118	Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; Iu mode	G2	Yes	2002-04-19	yes
44.160	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu mode	G2	Yes	2002-04-19	yes
44.901	External network assisted cell change (NACC)	G2	Yes	2002-04-19	yes
44.933	Seamless support of streaming services in GERAN A/Gb mode	G2	Yes	-	-
45.001	Physical layer on the radio path; General description	G1	Yes	2002-04-19	yes
45.002	Multiplexing and multiple access on the radio path	G1	Yes	2002-04-19	yes
45.003	Channel coding	G1	Yes	2002-04-19	yes
45.004	Modulation	G1	Yes	2002-04-19	yes
45.005	Radio transmission and reception	G1	Yes	2002-04-19	yes
45.008	Radio subsystem link control	G1	Yes	2002-04-19	yes
45.009	Link adaptation	G1	Yes	2002-04-19	yes
45.010	Radio subsystem synchronization	G1	Yes	2002-06-28	yes
45.015	Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines	G1	Yes	-	-
45.022	Radio link management in hierarchical networks	G1	Yes	2002-06-28	yes
45.050	Background for RF Requirements	G1	Yes	2002-06-28	yes
45.056	CTS-FP Radio Sub-system	G1	Yes	2002-06-28	yes
45.811	Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS	G1	No	-	-
45.902	Flexible Layer One (FLO)	G1	Yes	-	-

Number	Title	WG prime	For pub-lication?	freeze date	frozen
45.903	Feasibility study on Single Antenna Interference Cancellation (SAIC) for GSM networks	G1	Yes	-	-
46.001	Full Rate Speech Processing Functions	S4	Yes	2002-06-13	yes
46.002	Half Rate Speech Processing Functions	S4	Yes	2002-06-13	yes
46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec	S4	Yes	2002-06-13	yes
46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	S4	Yes	2002-06-13	yes
46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4	Yes	2002-06-13	yes
46.010	Full-rate speech transcoding	S4	Yes	2002-06-13	yes
46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4	Yes	2002-06-13	yes
46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	Yes	2002-06-13	yes
46.020	Half Rate Speech Transcoding	S4	Yes	2002-06-13	yes
46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4	Yes	2002-06-13	yes
46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4	Yes	2002-06-13	yes
46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	Yes	2002-06-13	yes
46.032	Voice Activity Detection (VAD)	S4	Yes	2002-06-13	yes
46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4	Yes	2002-06-13	yes
46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4	Yes	2002-06-13	yes
46.051	GSM Enhanced full rate speech processing functions: General description	S4	Yes	2002-06-13	yes
46.053	ANSI-C code for the GSM Enhanced full rate speech codec	S4	Yes	2002-06-13	yes
46.054	Test sequences for the GSM Enhanced Full Rate (EFR)	S4	Yes	2002-06-13	yes
46.055	Performance characterisation of the GSM EFR Speech Codec	S4	Yes	2002-06-13	yes
46.060	Enhanced full rate speech transcoding	S4	Yes	2002-06-13	yes
46.061	Substitution and muting of lost frames for encanced full rate speech traffic channels	S4	Yes	2002-06-13	yes
46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4	Yes	2002-06-13	yes
46.076	Adaptive Multi-Rate (AMR) speech codec; Study phase report	S4	Yes	-	-
46.081	Discontinuous Transmission (DTX) for encanced full rate speech traffic channels	S4	Yes	2002-06-13	yes
46.082	Voice Activity Detection (VAD) for encanced full rate speech traffic channels	S4	Yes	2002-06-13	yes
46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	S4	Yes	2002-06-13	yes
48.001	General Aspects on the BSS-MSC Interface	G2	Yes	2002-08-30	yes
48.002	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Yes	2002-04-19	yes
48.004	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	Yes	2002-08-30	yes
48.006	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	Yes	2002-08-30	yes
48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Yes	2002-04-19	yes
48.014	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	G2	Yes	2002-08-30	yes
48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	G2	Yes	2002-04-19	yes
48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2	Yes	2002-04-19	yes
48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	Yes	2002-03-08	yes

Number	Title	WG prime	For pub-lication?	freeze date	frozen
48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	G2	Yes	2002-06-28	yes
48.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	G2	Yes	2002-08-30	yes
48.052	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	G2	Yes	2002-08-30	yes
48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits	G2	Yes	2002-08-30	yes
48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification	G2	Yes	2002-08-30	yes
48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	G2	Yes	2002-04-19	yes
48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels	G1	Yes	2002-04-19	yes
48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels	G1	Yes	2002-04-19	yes
48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification	G2	Yes	2002-08-30	yes
49.001	General network interworking scenarios	N4	Yes	2002-03-08	yes
49.008	Application of the Base Station System Application Part (BSSAP) on the E-Interface	N1	Yes	2002-03-08	yes
49.031	Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)	G2	Yes	2002-04-19	yes
50.099	GERAN project plan and open issues	GP	No		-
51.010-1	Mobile Station (MS) conformance specification; Part 1: Conformance specification	G3new	Yes	2002-03-14	yes
51.010-2	Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	G3new	Yes	2002-08-30	yes
51.010-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	G3new	Yes	2004-02-06	yes
51.010-4	Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification	T3	Yes		-
51.010-5	Mobile Station (MS) conformance specification; Part 5: GERAN / UTRAN interaction Abstract Test Suite (ATS)	G3new	Yes		
51.013	Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card	T3	Yes	2003-06-06	yes
51.021	Base Station System (BSS) equipment specification; Radio aspects	G1	Yes	2002-06-28	yes
51.026	GSM Repeater Equipment Specification	G1	Yes	2002-06-28	yes
52.008	Telecommunication management; GSM subscriber and equipment trace	S5	Yes		-
52.021	Network Management (NM) Procedures and messages on the A-bis interface	G1	Yes	2002-06-28	yes
52.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM	S5	Yes	2002-12-12	yes
55.205	Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8	S3	Yes	-	-
55.216	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification	S3	Yes	-	-
55.217	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data	S3	Yes	-	-
55.218	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data	S3	Yes		
55.919	Specification of the A5/3 encryption algorithms for GSM and EDGE,	S3	Yes		

Number	Title	WG prime	For pub-lication?	freeze date	frozen
	and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report				

Number	Title	WG prime	For pub-lication?	freeze date	frozen
	and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report				

Page 1: [1] Comment [H3] **Explanation of field** **2004-12-08 2004-12-08 17:34**

Enter the CR number here. This number is allocated by the 3GPP support team.   It consists of at least three digits, padded with leading zeros if necessary.

Page 1: [2] Comment [H5] **Explanation of field** **2004-12-08 2004-12-08 17:34**

Enter the version of the specification here. This number is the version of the specification to which the CR will be applied if it is approved. Make sure that the latest version of the specification (of the relevant release) is used when creating the CR. If unsure what the latest version is, go to http://www.3gpp.org/specs/specs.htm.

Page 1: [3] Comment [H6] **Explanation of field** **2004-12-08 2004-12-08 17:34**

For help on how to fill out a field, place the mouse pointer over the special symbol closest to the field in question.

Page 1: [4] Comment [H9] **Explanation of field** **2004-12-08 2004-12-08 17:34**

Enter a concise description of the subject matter of the CR. It should be no longer than one line.   Do not use redundant information such as "Change Request number xxx to 3GPP TS xx.xxx".

Page 1: [5] Comment [H10] **Explanation of field** **2004-12-08 2004-12-08 17:34**

Enter the source of the CR. This is either (a) one or several companies or, (b) if a (sub)working group has already reviewed and agreed the CR, then list the group as the source.

Page 1: [6] Comment [H11] **Explanation of field** **2004-12-08 2004-12-08 17:34**

Enter the acronym for the work item which is applicable to the change. This field is mandatory for category F, B & C CRs for release 4 and later. A list of work item acronyms can be found in the 3GPP work plan. See http://www.3gpp.org/ftp/information/work_plan/ .
The list is also included in a MS Excel file included in the zip file containing the CR cover sheet template.

Page 1: [7] Comment [H12] **Explanation of field** **2004-12-08 2004-12-08 17:34**

Enter the date on which the CR was last revised.   Format to be interpretable by English version of MS Windows Æapplications, e.g. 19/02/2002.

Page 1: [8] Comment [H13] **Explanation of field** **2004-12-08 2004-12-08 17:34**

Enter a single letter corresponding to the most appropriate category listed below. For more detailed help on interpreting these categories, see the Technical Report 21.900 "TSG working methods".

Page 1: [9] Comment [H16] **Explanation of field** **2004-12-08 2004-12-08 17:34**

Enter text which describes the most important components of the change. i.e. How the change is made.

Page 1: [10] Comment [H17] **Explanation of field** **2004-12-08 2004-12-08 17:34**

Enter here the consequences if this CR was to be rejected. It is necessary to complete this section only if the CR is of category "F" (i.e. correction).

Page 1: [11] Comment [H19] **Explanation of field** **2004-12-08 2004-12-08 17:34**

Tick "yes" box if any other specifications are affected by this change.   Else tick "no".   You MUST fill in one or the other.

Enter any other information which may be needed by the group being requested to approve the CR. This could include special conditions for it's approval which are not listed anywhere else above.

CHANGE REQUEST

⌘   **21.101** CR **022**   ⌘**rev**   **-**   ⌘ Current version: **3.13.0**   ⌘

For **HELP** *on using this form, see bottom of this page or look at the pop-up text over the* ⌘ *symbols.*

Proposed change affects: UICC apps⌘ ☐   ME ☐   Radio Access Network ☐   Core Network ☐

Title: ⌘	Corrections to list of specifications
Source: ⌘	MCC
Work item code: ⌘ TEI	**Date:** ⌘ 08/12/04

Category: ⌘ **F**   **Release:** ⌘ R99

Use one of the following categories:
   F *(correction)*
   A *(corresponds to a correction in an earlier release)*
   B *(addition of feature),*
   C *(functional modification of feature)*
   D *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP TR 21.900.

Use one of the following releases:
   Ph2   *(GSM Phase 2)*
   R96   *(Release 1996)*
   R97   *(Release 1997)*
   R98   *(Release 1998)*
   R99   *(Release 1999)*
   Rel-4   *(Release 4)*
   Rel-5   *(Release 5)*
   Rel-6   *(Release 6)*

Reason for change: ⌘	To ensure list of specifications required to implement system is correct.
Summary of change: ⌘	Adds: USAT test spec Release-independent algorithms Removes: (none)
Consequences if not approved: ⌘	List is wrong, risk of erroneous system implementation.

Clauses affected: ⌘	5

	Y	N	
Other specs affected: ⌘		X	Other core specifications ⌘
		X	Test specifications
		X	O&M Specifications

Other comments: ⌘

5 Specifications and Reports of 3G Release 1999

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

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

Type	Number	Title	WG prime	For publication?
TS	21.101	Technical Specifications and Technical Reports for a UTRAN-based 3GPP system	SP	Yes
TS	21.111	USIM and IC card requirements	T3	Yes
TS	21.133	3G security; Security threats and requirements	S3	Yes
TR	21.801	Specification drafting rules	SP	No
TR	21.810	Report on multi-mode UE issues; ongoing work and identified additional work	T2	No
TR	21.900	Technical Specification Group working methods	SP	Yes
TR	21.904	User Equipment (UE) capability requirements	T2	Yes
TR	21.905	Vocabulary for 3GPP Specifications	S1	Yes
TR	21.910	Multi-mode UE issues; categories, principles and procedures	T2	Yes
TR	21.978	Feasibility Technical Report; CAMEL Control of VoIP Services	N2	Yes
TS	22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1	Yes
TS	22.002	Circuit Bearer Services (BS) 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	S1	Yes
TS	22.016	International Mobile Equipment Identities (IMEI)	S1	Yes
TS	22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3	Yes
TS	22.024	Description of Charge Advice Information (CAI)	S1	Yes
TS	22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	S1	Yes
TS	22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3	Yes
TS	22.032	Immediate Service Termination (IST); Service description; Stage 1	S3	Yes
TS	22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	Yes
TS	22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1	Yes
TS	22.041	Operator Determined Call Barring	S1	Yes
TS	22.042	Network Identity and Time Zone (NITZ) service description; Stage 1	S1	Yes
TS	22.057	Mobile Execution Environment (MExE) service description; Stage 1	S1	Yes
TS	22.060	General Packet Radio Service (GPRS); Service description; Stage 1	S1	Yes
TS	22.066	Support of Mobile Number Portability (MNP); Stage 1	S1	Yes
TS	22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1	S1	Yes
TS	22.071	Location Services (LCS); Stage 1	S1	Yes
TS	22.072	Call Deflection (CD); Stage 1	S1	Yes
TS	22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	S1	Yes
TS	22.079	Support of optimal routeing; Stage 1	S1	Yes

Type	Number	Title	WG prime	For publication?
TS	22.081	Line Identification supplementary services; Stage 1	S1	Yes
TS	22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes
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 Service Data (USSD); Stage 1	S1	Yes
TS	22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1	Yes
TS	22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	S1	Yes
TS	22.094	Follow Me service description - Stage 1	S1	Yes
TS	22.096	Name identification supplementary services; Stage 1	S1	Yes
TS	22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	S1	Yes
TS	22.100	UMTS Phase 1	S1	Yes
TS	22.101	Service aspects; Service principles	S1	Yes
TS	22.105	Services and service capabilities	S1	Yes
TS	22.115	Service Aspects Charging and billing	S1	Yes
TR	22.121	Service aspects; The Virtual Home Environment; Stage 1	S1	Yes
TS	22.129	Handover requirements between UTRAN and GERAN or other radio systems	S1	Yes
TS	22.135	Multicall; Service description; Stage 1	S1	Yes
TS	22.140	Multimedia Messaging Service (MMS); Stage 1	S1	Yes
TR	22.945	Study of provision of fax service in GSM and UMTS	T2	Yes
TR	22.971	Automatic establishment of roaming relationships	S1	Yes
TR	22.975	Advanced addressing	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	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 realization of Operator Determined Barring (ODB)	N4	Yes
TS	23.016	Subscriber data management; Stage 2	N4	Yes
TS	23.018	Basic Call Handling; Technical realization	N4	Yes
TS	23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3	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	23.035	Immediate Service Termination (IST); Stage 2	S3	Yes
TS	23.038	Alphabets and language-specific information	T2	Yes
TR	23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	T2	Yes
TS	23.040	Technical realization of Short Message Service (SMS)	T2	Yes
TS	23.041	Technical realization of Cell Broadcast Service (CBS)	T2	Yes
TS	23.042	Compression algorithm for SMS	T2	Yes
TS	23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	T2	Yes
TS	23.060	General Packet Radio Service (GPRS) Service description; Stage 2	S2	Yes
TS	23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4	Yes
TS	23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N4	Yes
TS	23.072	Call Deflection Supplementary Service; Stage 2	N4	Yes
TS	23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2	N2	Yes
TS	23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2	N4	Yes

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Type	Number	Title	WG prime	For publication?
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) supplementary service; 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	Technical realization of Completion of Calls 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) Phase 1; Stage 2	N4	Yes
TS	23.101	General UMTS Architecture	S2	Yes
TS	23.107	Quality of Service (QoS) 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 technical realization; Stage 2	N4	Yes
TS	23.119	Gateway Location Register (GLR); Stage2	N4	Yes
TS	23.121	Architectural requirements for Release 1999	S2	Yes
TS	23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	N1	Yes
TS	23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2	S2	Yes
TS	23.135	Multicall supplementary service; Stage 2	N4	Yes
TS	23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	T2	Yes
TS	23.171	Location Services (LCS); Functional description; Stage 2 (UMTS)	S2	Yes
TR	23.814	Separating RR and MM specific parts of the MS Classmark	N1	No
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	23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN	S2	Yes
TR	23.930	Iu Principles	S2	Yes
TR	23.972	Circuit switched multimedia telephony	N1	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	24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	N3	Yes
TS	24.030	Location Services (LCS); Supplementary service operations; Stage 3	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

Type	Number	Title	WG prime	For publication?
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 supplementary service; Stage 3	N4	Yes
TS	25.101	User Equipment (UE) radio transmission and reception (FDD)	R4	Yes
TS	25.102	User Equipment (UE) radio transmission and reception (TDD)	R4	Yes
TS	25.104	Base Station (BS) radio transmission and reception (FDD)	R4	Yes
TS	25.105	Base Station (BS) radio transmission and reception (TDD)	R4	Yes
TS	25.113	Base station and repeater electromagnetic compatibility (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 (BS) conformance testing (FDD)	R4	Yes
TS	25.142	Base Station (BS) conformance testing (TDD)	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	Physical 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	Interlayer procedures in Connected Mode	R2	Yes
TS	25.304	User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode	R2	Yes
TS	25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2	R2	Yes
TS	25.306	UE Radio Access capabilities definition	R2	Yes
TS	25.307	Requirements on UEs supporting a release-independent frequency band	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) specification	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 Iu Interface: General Aspects and Principles	R3	Yes
TS	25.411	UTRAN Iu interface layer 1	R3	Yes
TS	25.412	UTRAN Iu interface signalling transport	R3	Yes
TS	25.413	UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling	R3	Yes
TS	25.414	UTRAN Iu interface data transport & transport signalling	R3	Yes
TS	25.415	UTRAN Iu interface user plane protocols	R3	Yes
TS	25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)	R3	Yes
TS	25.420	UTRAN Iur Interface: General Aspects and Principles	R3	Yes
TS	25.421	UTRAN Iur interface Layer 1	R3	Yes

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Type	Number	Title	WG prime	For publication?
TS	25.422	UTRAN Iur interface signalling transport	R3	Yes
TS	25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling	R3	Yes
TS	25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams	R3	Yes
TS	25.425	UTRAN Iur interface user plane protocols for CCH data streams	R3	Yes
TS	25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams	R3	Yes
TS	25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams	R3	Yes
TS	25.430	UTRAN Iub Interface: General Aspects and Principles	R3	Yes
TS	25.431	UTRAN Iub interface Layer 1	R3	Yes
TS	25.432	UTRAN Iub interface: signalling transport	R3	Yes
TS	25.433	UTRAN Iub interface NBAP signalling	R3	Yes
TS	25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams	R3	Yes
TS	25.435	UTRAN Iub 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	25.833	Physical layer items not for inclusion in Release 99	R1	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	25.925	Radio Interface for Broadcast/Multicast Services	R2	Yes
TR	25.931	UTRAN Functions, examples on signalling procedures	R3	Yes
TR	25.941	Document structure	R4	Yes
TR	25.942	RF system scenarios	R4	Yes
TR	25.944	Channel coding and multiplexing examples	R1	Yes
TR	25.993	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)	R2	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	S4	Yes
TS	26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure	S4	Yes
TS	26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu	S4	Yes
TS	26.103	Speech codec list for GSM and UMTS	S4	Yes
TS	26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec	S4	Yes
TS	26.110	Codec for circuit switched multimedia telephony service; General description	S4	Yes
TS	26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4	Yes
TS	26.131	Terminal acoustic characteristics for telephony; Requirements	S4	Yes
TS	26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification	S4	Yes
TR	26.911	Codec for Circuit switched Multimedia Telephony Service;Terminal Implementorís 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	26.915	Echo Control For Speech and Multi-Media Services	S4	Yes
TR	26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec	S4	Yes
TS	27.001	General on Terminal Adaptation Functions (TAF) for Mobile	N3	Yes

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Type	Number	Title	WG prime	For publication?
		Stations (MS)		
TS	27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	Yes
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	T2	Yes
TS	27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	N3	Yes
TS	27.103	Wide Area Network Synchronization	T2	Yes
TR	27.901	Report on Terminal Interfaces - An Overview	T2	Yes
TR	27.903	Discussion of synchronization standards	T2	Yes
TS	29.002	Mobile Application Part (MAP) specification	N4	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
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	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	N1	Yes
TS	29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	N4	Yes
TS	29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)	N3	Yes
TS	29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification	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	Open Service Architecture (OSA) Application Programming Interface (API) - Part 1	N5	Yes
TR	29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults	N1	Yes
TR	29.998	Open Services Architecture API part 2	N5	Yes
TS	31.101	UICC-terminal interface; Physical and logical characteristics	T3	Yes
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	Universal Subscriber Identity Module 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; Universal Subscriber Identity Module (USIM) application test specification	T3	Yes
TS	31.122	Universal Subscriber Identity Module (USIM) conformance test specification	T3	Yes
TS	31.124	Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification	T3	Yes

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Type	Number	Title	WG prime	For publication?
TS	32.005	Telecommunications management; Charging management; 3G call and event data for the Circuit Switched (CS) domain	S5	Yes
TS	32.015	Telecommunications management; Charging management; 3G call and event data for the Packet Switched (PS) domain	S5	Yes
TS	32.101	Telecommunication management; Principles and high level requirements	S5	Yes
TS	32.102	Telecommunication management; Architecture	S5	Yes
TS	32.104	Telecommunication management; 3G Performance Management	S5	Yes
TS	32.106-1	Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements	S5	Yes
TS	32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service (IS)	S5	Yes
TS	32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes
TS	32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Poin (IRP); Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes
TS	32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic CM Integration Reference Point (IRP): Information model (including Network Resource Model (NRM)	S5	Yes
TS	32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes
TS	32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes
TS	32.106-8	Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects	S5	Yes
TS	32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements	S5	Yes
TS	32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)	S5	Yes
TS	32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes
TS	32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes
TS	33.102	3G security; Security architecture	S3	Yes
TS	33.103	3G security; Integration guidelines	S3	Yes
TS	33.105	Cryptographic Algorithm requirements	S3	Yes
TS	33.106	Lawful interception requirements	S3	Yes
TS	33.107	3G security; Lawful interception architecture and functions	S3	Yes
TS	33.120	Security Objectives and Principles	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	33.908	3G Security; General report on the design, specification and 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	Terminal logical test interface; Special conformance testing functions	R2	Yes
TS	34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)	T1	Yes
TS	34.122	Terminal conformance specification, Radio transmission and reception (TDD)	T1	Yes
TS	34.123-1	User Equipment (UE) conformance specification; Part 1: Protocol conformance specification	T1	Yes
TS	34.123-2	User Equipment (UE) conformance specification; Part 2:	T1	Yes

Type	Number	Title	WG prime	For publication?
		Implementation conformance statement (ICS) specification		
TS	34.123-3	User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSs)	T1	Yes
TS	34.124	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment	R4	Yes
TR	34.901	Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance	T1	Yes
TR	34.907	Report on electrical safety requirements and regulations	T2	Yes
TR	34.925	Specific Absorption Rate (SAR) requirements and regulations in different regions	T2	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
TS	35.205	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 1: General	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: Implementorsí test data	S3	Yes
TS	35.208	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 4: Design conformance test data	S3	Yes
TR	35.909	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 5: Summary and results of design and evaluation	S3	Yes

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Page 1: [1] Comment [H3]	Explanation of field	2004-12-08 2004-12-08 17:34

Enter the CR number here. This number is allocated by the 3GPP support team.   It consists of at least three digits, padded with leading zeros if necessary.

Page 1: [2] Comment [H5]	Explanation of field	2004-12-08 2004-12-08 17:34

Enter the version of the specification here. This number is the version of the specification to which the CR will be applied if it is approved. Make sure that the latest version of the specification (of the relevant release) is used when creating the CR. If unsure what the latest version is, go to http://www.3gpp.org/specs/specs.htm.

Page 1: [3] Comment [H6]	Explanation of field	2004-12-08 2004-12-08 17:34

For help on how to fill out a field, place the mouse pointer over the special symbol closest to the field in question.

Page 1: [4] Comment [H9]	Explanation of field	2004-12-08 2004-12-08 17:34

Enter a concise description of the subject matter of the CR. It should be no longer than one line.   Do not use redundant information such as "Change Request number xxx to 3GPP TS xx.xxx".

Page 1: [5] Comment [H10]	Explanation of field	2004-12-08 2004-12-08 17:34

Enter the source of the CR. This is either (a) one or several companies or, (b) if a (sub)working group has already reviewed and agreed the CR, then list the group as the source.

Page 1: [6] Comment [H11]	Explanation of field	2004-12-08 2004-12-08 17:34

Enter the acronym for the work item which is applicable to the change. This field is mandatory for category F, B & C CRs for release 4 and later. A list of work item acronyms can be found in the 3GPP work plan. See http://www.3gpp.org/ftp/information/work_plan/ .
The list is also included in a MS Excel file included in the zip file containing the CR cover sheet template.

Page 1: [7] Comment [H12]	Explanation of field	2004-12-08 2004-12-08 17:34

Enter the date on which the CR was last revised.   Format to be interpretable by English version of MS Windows Æ applications, e.g. 19/02/2002.

Page 1: [8] Comment [H13]	Explanation of field	2004-12-08 2004-12-08 17:34

Enter a single letter corresponding to the most appropriate category listed below. For more detailed help on interpreting these categories, see the Technical Report 21.900 "TSG working methods".

Page 1: [9] Comment [H16]	Explanation of field	2004-12-08 2004-12-08 20:12

Enter text which describes the most important components of the change. i.e. How the change is made.

Page 1: [10] Comment [H17]	Explanation of field	2004-12-08 2004-12-08 17:34

Enter here the consequences if this CR was to be rejected. It is necessary to complete this section only if the CR is of category "F" (i.e. correction).

Page 1: [11] Comment [H19]	Explanation of field	2004-12-08 2004-12-08 17:34

Tick "yes" box if any other specifications are affected by this change.   Else tick "no".   You MUST fill in one or the other.

Page 1: [12] Comment [H21]	Explanation of field	2004-12-08 2004-12-08 17:34

Enter any other information which may be needed by the group being requested to approve the CR. This could include special conditions for it's approval which are not listed anywhere else above.

CHANGE REQUEST

⌘   **21.101** CR **023**   ⌘**rev**   **-**   ⌘ **Current version:**   **4.10.0**   ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the* ⌘ *symbols.*

Proposed change affects: | UICC apps⌘ ☐   ME ☐   Radio Access Network ☐   Core Network ☐

Title: ⌘	Corrections to list of specifications
Source: ⌘	MCC
Work item code: ⌘ TEI4	**Date:** ⌘ 08/12/04

Category: ⌘ **F**   **Release:** ⌘ Rel-4

Use one of the following categories:
   F *(correction)*
   A *(corresponds to a correction in an earlier release)*
   B *(addition of feature),*
   C *(functional modification of feature)*
   D *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP TR 21.900.

Use one of the following releases:
   Ph2   *(GSM Phase 2)*
   R96   *(Release 1996)*
   R97   *(Release 1997)*
   R98   *(Release 1998)*
   R99   *(Release 1999)*
   Rel-4   *(Release 4)*
   Rel-5   *(Release 5)*
   Rel-6   *(Release 6)*

Reason for change: ⌘	To ensure list of specifications required to implement system is correct.
Summary of change: ⌘	Adds: USAT test spec Removes: (none)
Consequences if not approved: ⌘	List is wrong, risk of erroneous system implementation.

Clauses affected: ⌘	5

	Y	N	
Other specs affected: ⌘		X	Other core specifications ⌘
		X	Test specifications
		X	O&M Specifications

Other comments: ⌘	

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 publication?
TS	21.101	Technical Specifications and Technical Reports for a UTRAN-based 3GPP system	SP	Yes
TS	21.111	USIM and IC card requirements	T3	Yes
TS	21.133	3G security; Security threats and requirements	S3	Yes
TR	21.801	Specification drafting rules	SP	No
TR	21.900	Technical Specification Group working methods	SP	Yes
TR	21.905	Vocabulary for 3GPP Specifications	S1	Yes
TS	22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1	Yes
TS	22.002	Circuit Bearer Services (BS) 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	S1	Yes
TS	22.016	International Mobile Equipment Identities (IMEI)	S1	Yes
TS	22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3	Yes
TS	22.024	Description of Charge Advice Information (CAI)	S1	Yes
TS	22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	S1	Yes
TS	22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3	Yes
TS	22.032	Immediate Service Termination (IST); Service description; Stage 1	S3	Yes
TS	22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	Yes
TS	22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1	Yes
TS	22.041	Operator Determined Call Barring	S1	Yes
TS	22.042	Network Identity and Time Zone (NITZ) service description; Stage 1	S1	Yes
TS	22.048	Security mechanisms for the (U)SIM application toolkit; Stage 1	T3	Yes
TS	22.053	Tandem Free Operation (TFO); Service description; Stage 1	S4	Yes
TS	22.057	Mobile Execution Environment (MExE) service description; Stage 1	S1	Yes
TS	22.060	General Packet Radio Service (GPRS); Service description; Stage 1	S1	Yes
TS	22.066	Support of Mobile Number Portability (MNP); Stage 1	S1	Yes
TS	22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1	S1	Yes
TS	22.071	Location Services (LCS); Stage 1	S1	Yes
TS	22.072	Call Deflection (CD); Stage 1	S1	Yes
TS	22.076	Noise suppression for the AMR codec; Service description; Stage 1	S4	Yes
TS	22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	S1	Yes
TS	22.079	Support of optimal routeing; Stage 1	S1	Yes
TS	22.081	Line Identification supplementary services; Stage 1	S1	Yes
TS	22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes
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 Service Data (USSD); Stage 1	S1	Yes

Type	Number	Title	WG prime	For publication?
TS	22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1	Yes
TS	22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	S1	Yes
TS	22.094	Follow Me service description - Stage 1	S1	Yes
TS	22.096	Name identification supplementary services; Stage 1	S1	Yes
TS	22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	S1	Yes
TS	22.101	Service aspects; Service principles	S1	Yes
TS	22.105	Services and service capabilities	S1	Yes
TS	22.115	Service Aspects Charging and billing	S1	Yes
TR	22.121	Service aspects; 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 UTRAN and GERAN or other radio systems	S1	Yes
TS	22.135	Multicall; Service description; Stage 1	S1	Yes
TS	22.140	Multimedia Messaging Service (MMS); Stage 1	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	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 realization of Operator Determined Barring (ODB)	N4	Yes
TS	23.016	Subscriber data management; Stage 2	N4	Yes
TS	23.018	Basic Call Handling; Technical realization	N4	Yes
TS	23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3	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	23.035	Immediate Service Termination (IST); Stage 2	S3	Yes
TS	23.038	Alphabets and language-specific information	T2	Yes
TR	23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	T2	Yes
TS	23.040	Technical realization of Short Message Service (SMS)	T2	Yes
TS	23.041	Technical realization of Cell Broadcast Service (CBS)	T2	Yes
TS	23.042	Compression algorithm for SMS	T2	Yes
TS	23.048	Security mechanisms for the (U)SIM application toolkit; Stage 2	T3	Yes
TS	23.053	Tandem Free Operation (TFO); Service description; Stage 2	S4	Yes
TS	23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	T2	Yes
TS	23.060	General Packet Radio Service (GPRS) Service description; Stage 2	S2	Yes
TS	23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4	Yes
TS	23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N4	Yes
TS	23.072	Call Deflection Supplementary Service; Stage 2	N4	Yes
TS	23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2	N2	Yes
TS	23.079	Support of Optimal Routeing (SOR); Technical realization; 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) supplementary service; 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	Technical realization of Completion of Calls 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) Phase 1; Stage 2	N4	Yes
TS	23.101	General UMTS Architecture	S2	Yes
TS	23.107	Quality of Service (QoS) concept and architecture	S2	Yes

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Type	Number	Title	WG prime	For publication?
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 technical realization; 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 (VHE) / Open Service Access (OSA); Stage 2	S2	Yes
TS	23.135	Multicall supplementary service; Stage 2	N4	Yes
TS	23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	T2	Yes
TS	23.146	Technical realization of facsimile Group 3 service - non-transparent	N3	Yes
TS	23.153	Out of Band Transcoder Control; Stage 2	N4	Yes
TS	23.205	Bearer-independent circuit-switched core network; Stage 2	N4	Yes
TS	23.221	Architectural requirements	S2	Yes
TS	23.227	Application and user interaction in the UE; Principles and specific requirements	T2	Yes
TS	23.271	Location Services (LCS); Functional description; Stage 2	S2	Yes
TR	23.873	Feasibility study fro transport and control separation in the PS CN domain	S2	No
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	23.930	Iu Principles	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	24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	N3	Yes
TS	24.030	Location Services (LCS); Supplementary service operations; Stage 3	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 supplementary service; Stage 3	N4	Yes
TS	25.101	User Equipment (UE) radio transmission and reception (FDD)	R4	Yes
TS	25.102	User Equipment (UE) radio transmission and reception (TDD)	R4	Yes
TS	25.104	Base Station (BS) radio transmission and reception (FDD)	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 and repeater electromagnetic compatibility (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 (BS) conformance testing (FDD)	R4	Yes
TS	25.142	Base Station (BS) 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	R1	Yes

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Type	Number	Title	WG prime	For publication?
		(FDD)		
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	Physical 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	Interlayer procedures in Connected Mode	R2	Yes
TS	25.304	User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode	R2	Yes
TS	25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2	R2	Yes
TS	25.306	UE Radio Access capabilities definition	R2	Yes
TS	25.307	Requirements on UEs supporting a release-independent frequency band	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) specification	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 Iu Interface: General Aspects and Principles	R3	Yes
TS	25.411	UTRAN Iu interface layer 1	R3	Yes
TS	25.412	UTRAN Iu interface signalling transport	R3	Yes
TS	25.413	UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling	R3	Yes
TS	25.414	UTRAN Iu interface data transport & transport signalling	R3	Yes
TS	25.415	UTRAN Iu interface user plane protocols	R3	Yes
TS	25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)	R3	Yes
TS	25.420	UTRAN Iur Interface: General Aspects and Principles	R3	Yes
TS	25.421	UTRAN Iur interface Layer 1	R3	Yes
TS	25.422	UTRAN Iur interface signalling transport	R3	Yes
TS	25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling	R3	Yes
TS	25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams	R3	Yes
TS	25.425	UTRAN Iur interface user plane protocols for CCH data streams	R3	Yes
TS	25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams	R3	Yes
TS	25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams	R3	Yes
TS	25.430	UTRAN Iub Interface: General Aspects and Principles	R3	Yes
TS	25.431	UTRAN Iub interface Layer 1	R3	Yes
TS	25.432	UTRAN Iub interface: signalling transport	R3	Yes
TS	25.433	UTRAN Iub interface NBAP signalling	R3	Yes
TS	25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams	R3	Yes
TS	25.435	UTRAN Iub 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	25.836	Node B synchronization for TDD	R1	No
TR	25.838	Node B Synchronisation for TDD (Iub/Iur 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

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Type	Number	Title	WG prime	For publication?
TR	25.844	Radio acces bearer support enhancements	R2	No
TR	25.847	UE positioning enhancements	R2	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 Iub/Iur protocol aspects	R3	No
TR	25.851	RAB Quality of Service (QoS) Renegotiation over Iu	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	25.928	1,28 Mcps functionality for UTRA TDD physical layer	R1	Yes
TR	25.931	UTRAN Functions, examples on signalling procedures	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	25.942	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 (QoS) Negotiation over Iu	R3	Yes
TR	25.950	UTRA high speed downlink packet access	R2	Yes
TR	25.953	TrFO/TFO	R3	Yes
TR	25.954	Migration to modification procedure	R3	Yes
TR	25.956	UTRA repeater: Planning guidelines and system analysis	R4	Yes
TR	25.993	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)	R2	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	26.077	Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder	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	S4	Yes
TS	26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure	S4	Yes
TS	26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu	S4	Yes
TS	26.103	Speech codec list for GSM and UMTS	S4	Yes
TS	26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec	S4	Yes
TS	26.110	Codec for circuit switched multimedia telephony service; General description	S4	Yes
TS	26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4	Yes
TS	26.115	Echo control for speech and multi-media services	S4	Yes
TS	26.131	Terminal acoustic characteristics for telephony; Requirements	S4	Yes
TS	26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification	S4	Yes
TS	26.233	End-to-end transparent streaming service; General description	S4	Yes
TS	26.234	Transparent end-to-end streaming service; Protocols and 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 Implementorís 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	26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec	S4	Yes
TR	26.978	Results of the AMR noise suppression selection phase	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 capabilities	N3	Yes
TS	27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer	N3	Yes

Type	Number	Title	WG prime	For publication?
		capabilities		
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	T2	Yes
TS	27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	N3	Yes
TS	27.103	Wide Area Network Synchronization	T2	Yes
TR	27.901	Report on Terminal Interfaces - An Overview	T2	Yes
TR	27.903	Discussion of synchronization standards	T2	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) specification	N4	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
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	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	N1	Yes
TS	29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	N4	Yes
TS	29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)	N3	Yes
TS	29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification	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	N5	Yes
TS	29.198-02	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data	N5	Yes
TS	29.198-03	Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework	N5	Yes
TS	29.198-04	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control	N5	Yes
TS	29.198-05	Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction	N5	Yes
TS	29.198-06	Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility	N5	Yes
TS	29.198-07	Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities	N5	Yes
TS	29.198-08	Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control	N5	Yes
TS	29.198-11	Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management	N5	Yes
TS	29.198-12	Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging	N5	Yes
TS	29.202	Signalling System No. 7 (SS7) signalling transport in core network; Stage 3	N4	Yes
TS	29.205	Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3	N4	Yes
TS	29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3	N4	Yes

Type	Number	Title	WG prime	For publication?
TS	29.414	Core network Nb data transport and transport signalling	N3	Yes
TS	29.415	Core network Nb interface user plane protocols	N3	Yes
TR	29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults	N1	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
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
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
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
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
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
TR	30.902	Guidelines for the modification of the Mobile Application Part (MAP)	N4	No
TS	31.048	Test specification for security mechanisms for the (U)SIM application toolkit	T3	Yes
TS	31.101	UICC-terminal interface; Physical and logical characteristics	T3	Yes
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	Universal Subscriber Identity Module 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; Universal Subscriber Identity Module (USIM) application test specification	T3	Yes
TS	31.122	Universal Subscriber Identity Module (USIM) conformance test specification	T3	Yes
TS	31.124	Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification	T3	Yes
TS	32.101	Telecommunication management; Principles and high level requirements	S5	Yes
TS	32.102	Telecommunication management; Architecture	S5	Yes
TS	32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements	S5	Yes
TS	32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service	S5	Yes
TS	32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set	S5	Yes
TS	32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set	S5	Yes
TS	32.200	Telecommunication management; Charging management; Charging principles	S5	Yes
TS	32.205	Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain	S5	Yes
TS	32.215	Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain	S5	Yes
TS	32.235	Telecommunication management; Charging management; Charging data description for application services	S5	Yes
TS	32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects	S5	Yes
TS	32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements	S5	Yes
TS	32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service	S5	Yes
TS	32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set	S5	Yes
TS	32.304	Telecommunication management; Configuration Management (CM);	S5	Yes

Type	Number	Title	WG prime	For publication?
		Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set		
TS	32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	S5	Yes
TS	32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service	S5	Yes
TS	32.401	Telecommunication management; Performance Management (PM); Concept and requirements	S5	Yes
TS	32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM	S5	Yes
TS	32.600	Telecommunication management; Configuration Management (CM) Concept and high-level requirements	S5	Yes
TS	32.601	Telecommunication management; Configuration Management (CM); Basic Configuration Management (CM) Integration Reference Point (IRP): requirements	S5	Yes
TS	32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information service	S5	Yes
TS	32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set	S5	Yes
TS	32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set	S5	Yes
TS	32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements	S5	Yes
TS	32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information service	S5	Yes
TS	32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set	S5	Yes
TS	32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set	S5	Yes
TS	32.615	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition	S5	Yes
TS	32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements	S5	Yes
TS	32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes
TS	32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set	S5	Yes
TS	32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set	S5	Yes
TS	32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements	S5	Yes
TS	32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes
TS	32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set	S5	Yes
TS	32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set	S5	Yes
TS	32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements	S5	Yes
TS	32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes

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Type	Number	Title	WG prime	For publication?
TS	32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set	S5	Yes
TS	32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set	S5	Yes
TR	32.800	Telecommunication management; Management level procedures and interaction with UTRAN	S5	No
TS	33.102	3G security; Security architecture	S3	Yes
TS	33.103	3G security; Integration guidelines	S3	Yes
TS	33.105	Cryptographic Algorithm requirements	S3	Yes
TS	33.106	Lawful interception requirements	S3	Yes
TS	33.107	3G security; Lawful interception architecture and functions	S3	Yes
TS	33.120	Security Objectives and Principles	S3	Yes
TS	33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer 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	33.908	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms	S3	Yes
TR	33.909	3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions	S3	Yes
TS	34.108	Common test environments for User Equipment (UE) conformance testing	T1	Yes
TS	34.109	Terminal logical test interface; Special conformance testing functions	R2	Yes
TS	34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)	T1	Yes
TS	34.122	Terminal Conformance Specification, Radio Transmission and Reception (TDD)	T1	Yes
TS	34.123-1	User Equipment (UE) conformance specification; Part 1: Protocol conformance specification	T1	Yes
TS	34.123-2	User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification	T1	Yes
TS	34.123-3	User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSs)	T1	Yes
TS	34.124	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment	R4	Yes
TR	34.910	Identification of test requirements for regulatory purposes in different regions/countries	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
TS	35.205	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 1: General	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: Implementorsí test data	S3	Yes
TS	35.208	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 4: Design conformance test data	S3	Yes
TR	35.909	3G Security; Specification of the MILENAGE algorithm set: an example	S3	Yes

Type	Number	Title	WG prime	For publication?
		algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 5: Summary and results of design and evaluation		

Page 1: [1] Comment [H3]   Explanation of field   2004-12-08 2004-12-08 17:34

Enter the CR number here. This number is allocated by the 3GPP support team.   It consists of at least three digits, padded with leading zeros if necessary.

Page 1: [2] Comment [H5]   Explanation of field   2004-12-08 2004-12-08 17:34

Enter the version of the specification here. This number is the version of the specification to which the CR will be applied if it is approved. Make sure that the latest version of the specification (of the relevant release) is used when creating the CR. If unsure what the latest version is, go to http://www.3gpp.org/specs/specs.htm.

Page 1: [3] Comment [H6]   Explanation of field   2004-12-08 2004-12-08 17:34

For help on how to fill out a field, place the mouse pointer over the special symbol closest to the field in question.

Page 1: [4] Comment [H9]   Explanation of field   2004-12-08 2004-12-08 17:34

Enter a concise description of the subject matter of the CR. It should be no longer than one line.   Do not use redundant information such as "Change Request number xxx to 3GPP TS xx.xxx".

Page 1: [5] Comment [H10]   Explanation of field   2004-12-08 2004-12-08 17:34

Enter the source of the CR. This is either (a) one or several companies or, (b) if a (sub)working group has already reviewed and agreed the CR, then list the group as the source.

Page 1: [6] Comment [H11]   Explanation of field   2004-12-08 2004-12-08 17:34

Enter the acronym for the work item which is applicable to the change. This field is mandatory for category F, B & C CRs for release 4 and later. A list of work item acronyms can be found in the 3GPP work plan. See http://www.3gpp.org/ftp/information/work_plan/ .
The list is also included in a MS Excel file included in the zip file containing the CR cover sheet template.

Page 1: [7] Comment [H12]   Explanation of field   2004-12-08 2004-12-08 17:34

Enter the date on which the CR was last revised.   Format to be interpretable by English version of MS Windows Æ applications, e.g. 19/02/2002.

Page 1: [8] Comment [H13]   Explanation of field   2004-12-08 2004-12-08 17:34

Enter a single letter corresponding to the most appropriate category listed below. For more detailed help on interpreting these categories, see the Technical Report 21.900 "TSG working methods".

Page 1: [9] Comment [H16]   Explanation of field   2004-12-08 2004-12-08 17:34

Enter text which describes the most important components of the change. i.e. How the change is made.

Page 1: [10] Comment [H17]   Explanation of field   2004-12-08 2004-12-08 17:34

Enter here the consequences if this CR was to be rejected. It is necessary to complete this section only if the CR is of category "F" (i.e. correction).

Page 1: [11] Comment [H19]   Explanation of field   2004-12-08 2004-12-08 17:34

Tick "yes" box if any other specifications are affected by this change.   Else tick "no".   You MUST fill in one or the other.

Enter any other information which may be needed by the group being requested to approve the CR. This could include special conditions for it's approval which are not listed anywhere else above.

CHANGE REQUEST

⌘   **21.101** CR **024**   ⌘**rev**   **-**   ⌘ **Current version:**   **5.7.0**   ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the* ⌘ *symbols.*

Proposed change affects: | UICC apps⌘ ☐   ME ☐   Radio Access Network ☐   Core Network ☐

Title: ⌘	Corrections to list of specifications
Source: ⌘	MCC
Work item code: ⌘	TEI5 **Date:** ⌘ 08/12/04
Category: ⌘	**F** **Release:** ⌘ Rel-5

Use <u>one</u> of the following categories:
    F *(correction)*
    A *(corresponds to a correction in an earlier release)*
    B *(addition of feature),*
    C *(functional modification of feature)*
    D *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP TR 21.900.

Use <u>one</u> of the following releases:
    Ph2   *(GSM Phase 2)*
    R96   *(Release 1996)*
    R97   *(Release 1997)*
    R98   *(Release 1998)*
    R99   *(Release 1999)*
    Rel-4   *(Release 4)*
    Rel-5   *(Release 5)*
    Rel-6   *(Release 6)*

Reason for change: ⌘	To ensure list of specifications required to implement system is correct.
Summary of change: ⌘	Adds: UICC and USAT test specs Removes: (none)
Consequences if not approved: ⌘	List is wrong, risk of erroneous system implementation.

Clauses affected: ⌘	5

	Y	N	
Other specs affected: ⌘		X	Other core specifications ⌘
		X	Test specifications
		X	O&M Specifications

Other comments: ⌘	

5　　Specifications and Reports of 3G Release 5

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 colunms), see 3GPP TS 21.900 [2].

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TS	21.101	Technical Specifications and Technical Reports for a UTRAN-based 3GPP system	SP	Yes	2003-06-12	yes
TS	21.111	USIM and IC card requirements	T3	Yes	2002-06-07	yes
TR	21.801	Specification drafting rules	SP	No	2002-03-14	yes
TR	21.900	Technical Specification Group working methods	SP	Yes	2002-03-14	yes
TR	21.905	Vocabulary for 3GPP Specifications	S1	Yes	2002-03-14	yes
TS	22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1	Yes	2002-06-13	yes
TS	22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)	S1	Yes	2002-06-13	yes
TS	22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	S1	Yes	2002-03-14	yes
TS	22.004	General on supplementary services	S1	Yes	2002-06-13	yes
TS	22.011	Service accessibility	S1	Yes	2002-06-13	yes
TS	22.016	International Mobile Equipment Identities (IMEI)	S1	Yes	2002-06-13	yes
TS	22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3	Yes	2002-09-12	yes
TS	22.024	Description of Charge Advice Information (CAI)	S1	Yes	2002-06-13	yes
TS	22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	S1	Yes	2002-06-13	yes
TS	22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3	Yes	2002-12-12	yes
TS	22.032	Immediate Service Termination (IST); Service description; Stage 1	S3	Yes	2002-06-13	yes
TS	22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	Yes	2002-06-13	yes
TS	22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1	Yes	2002-03-14	yes
TS	22.041	Operator Determined Call Barring	S1	Yes	2002-06-13	yes
TS	22.042	Network Identity and Time Zone (NITZ) service description; Stage 1	S1	Yes	2002-06-13	yes
TS	22.048	Security mechanisms for the (U)SIM application toolkit; Stage 1	T3	Yes	2003-06-06	yes
TS	22.053	Tandem Free Operation (TFO); Service description; Stage 1	S4	Yes	2002-06-13	yes
TS	22.057	Mobile Execution Environment (MExE) service description; Stage 1	S1	Yes	2002-03-14	yes
TS	22.060	General Packet Radio Service (GPRS); Service description; Stage 1	S1	Yes	2002-03-14	yes
TS	22.066	Support of Mobile Number Portability (MNP); Stage 1	S1	Yes	2002-06-13	yes
TS	22.067	enhanced Multi-Level Precedence and Pre-emption service	S1	Yes	2002-06-13	yes

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
		(eMLPP); Stage 1				
TS	22.071	Location Services (LCS); Stage 1	S1	Yes	2002-03-14	yes
TS	22.072	Call Deflection (CD); Stage 1	S1	Yes	2002-06-13	yes
TS	22.076	Noise suppression for the AMR codec; Service description; Stage 1	S4	Yes	2002-06-13	yes
TS	22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	S1	Yes	2002-03-14	yes
TS	22.079	Support of optimal routeing; Stage 1	S1	Yes	2002-06-13	yes
TS	22.081	Line Identification supplementary services; Stage 1	S1	Yes	2002-06-13	yes
TS	22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes	2002-06-13	yes
TS	22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
TS	22.084	MultiParty (MPTY) supplementary service; Stage 1	S1	Yes	2002-06-13	yes
TS	22.085	Closed User Group (CUG) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
TS	22.086	Advice of Charge (AoC) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
TS	22.087	User-to-user signalling (UUS); Stage 1	S1	Yes	2002-06-13	yes
TS	22.088	Call Barring (CB) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
TS	22.090	Unstructured Supplementary Service Data (USSD); Stage 1	S1	Yes	2002-06-13	yes
TS	22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1	Yes	2002-06-13	yes
TS	22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	S1	Yes	2002-06-13	yes
TS	22.094	Follow Me service description - Stage 1	S1	Yes	2002-06-13	yes
TS	22.096	Name identification supplementary services; Stage 1	S1	Yes	2002-06-13	yes
TS	22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	S1	Yes	2002-06-13	yes
TS	22.101	Service aspects; Service principles	S1	Yes	2002-03-14	yes
TS	22.105	Services and service capabilities	S1	Yes	2002-03-14	yes
TS	22.112	USIM toolkit interpreter; Stage 1	T3	Yes	2002-03-08	yes
TS	22.115	Service Aspects Charging and billing	S1	Yes	2002-03-14	yes
TR	22.121	Service aspects; The Virtual Home Environment; Stage 1	S1	Yes	2002-03-14	yes
TS	22.127	Service Requirement for the Open Services Access (OSA); Stage 1	S1	Yes	2002-03-14	yes
TS	22.129	Handover requirements between UTRAN and GERAN or other radio systems	S1	Yes	2002-03-14	yes
TS	22.135	Multicall; Service description; Stage 1	S1	Yes	2002-06-13	yes
TS	22.140	Multimedia Messaging Service (MMS); Stage 1	S1	Yes	2002-03-14	yes
TS	22.226	Global text telephony (GTT); Stage 1: Service description	S1	Yes	2002-03-14	yes
TS	22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1	S1	Yes	2002-03-14	yes
TS	22.233	Transparent end-to-end packet-switched streamng service; Stage 1	S1	Yes	2002-06-13	yes
TR	22.944	Service requirements for UE functionality split	S1	Yes	2002-03-14	yes
TS	23.002	Network architecture	S2	Yes	2002-03-14	yes
TS	23.003	Numbering, addressing and identification	N4	Yes	2002-03-08	yes
TS	23.007	Restoration procedures	N4	Yes	2002-03-08	yes
TS	23.008	Organisation of subscriber data	N4	Yes	2002-03-08	yes
TS	23.009	Handover procedures	N1	Yes	2002-03-08	yes
TS	23.011	Technical realization of Supplementary Services	N4	Yes	2002-03-08	yes
TS	23.012	Location management procedures	N4	Yes	2002-03-08	yes
TS	23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1	Yes	2002-03-08	yes
TS	23.015	Technical realization of Operator Determined Barring (ODB)	N4	Yes	2002-03-08	yes
TS	23.016	Subscriber data management; Stage 2	N4	Yes	2002-03-08	yes

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TS	23.018	Basic Call Handling; Technical realization	N4	Yes	2002-03-08	yes
TS	23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3	Yes	2002-12-12	yes
TS	23.032	Universal Geographical Area Description (GAD)	S2	Yes	2003-03-20	yes
TS	23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes	2002-03-08	yes
TS	23.035	Immediate Service Termination (IST); Stage 2	S3	Yes	2002-06-13	yes
TS	23.038	Alphabets and language-specific information	T2	Yes	2002-03-08	yes
TR	23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	T2	Yes	2002-03-08	yes
TS	23.040	Technical realization of Short Message Service (SMS)	T2	Yes	2002-03-08	yes
TS	23.041	Technical realization of Cell Broadcast Service (CBS)	T2	Yes	2002-06-07	yes
TS	23.042	Compression algorithm for SMS	T2	Yes	2002-03-08	yes
TS	23.048	Security mechanisms for the (U)SIM application toolkit; Stage 2	T3	Yes	2002-03-08	yes
TS	23.053	Tandem Free Operation (TFO); Service description; Stage 2	S4	Yes	2002-06-13	yes
TS	23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	T2	Yes	2002-03-08	yes
TS	23.060	General Packet Radio Service (GPRS); Service description; Stage 2	S2	Yes	2002-03-14	yes
TS	23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4	Yes	2002-03-08	yes
TS	23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N4	Yes	2002-03-08	yes
TS	23.072	Call Deflection Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2	N4	Yes	2002-06-07	yes
TS	23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2	N4	Yes	2002-03-08	yes
TS	23.081	Line Identification supplementary services; Stage 2	N4	Yes	2002-03-08	yes
TS	23.082	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes	2002-03-08	yes
TS	23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.084	MultiParty (MPTY) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.085	Closed User Group (CUG) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.086	Advice of Charge (AoC) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.087	User-to-User Signalling (UUS) supplementary service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.088	Call Barring (CB) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.090	Unstructured Supplementary Service Data (USSD); Stage 2	N4	Yes	2002-03-08	yes
TS	23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	N4	Yes	2002-03-08	yes
TS	23.094	Follow Me Stage 2	N4	Yes	2002-03-08	yes
TS	23.096	Name Identification Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2	N4	Yes	2002-03-08	yes
TS	23.101	General UMTS Architecture	S2	Yes	2003-12-18	yes
TS	23.107	Quality of Service (QoS) concept and architecture	S2	Yes	2002-03-14	yes
TS	23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)	N1	Yes	2002-06-07	yes
TS	23.110	UMTS Access Stratum Services and Functions	S2	Yes	2003-12-18	yes
TS	23.116	Super-Charger technical realization; Stage 2	N4	Yes	2002-03-08	yes
TS	23.119	Gateway Location Register (GLR); Stage2	N4	Yes	2002-03-08	yes
TS	23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	N1	Yes	2002-03-08	yes
TS	23.127	Virtual Home Environment (VHE) / Open Service Access	S2	Yes	2002-03-14	yes

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Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
		(OSA)				
TS	23.135	Multicall supplementary service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	T2	Yes	2002-03-08	yes
TS	23.146	Technical realization of facsimile Group 3 service - non-transparent	N3	Yes	2002-03-08	yes
TS	23.153	Out of Band Transcoder Control; Stage 2	N4	Yes	2002-03-08	yes
TS	23.172	Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2	N3	Yes	2002-06-07	yes
TS	23.195	Provision of User Equipment Specific Behaviour Information (UESBI) to network entities	S2	Yes	2003-06-12	yes
TS	23.205	Bearer-independent circuit-switched core network; Stage 2	N4	Yes	2002-03-08	yes
TS	23.207	End-to-end Quality of Service (QoS) concept and architecture	S2	Yes	2002-03-14	yes
TS	23.218	IP Multimedia (IM) session handling; IM call model; Stage 2	N1	Yes	2002-03-08	yes
TS	23.221	Architectural requirements	S2	Yes	2002-03-14	yes
TS	23.226	Global text telephony (GTT); Stage 2: Architecture	S2	Yes	2002-03-08	yes
TS	23.227	Application and user interaction in the UE; Principles and specific requirements	T2	Yes	2002-03-08	yes
TS	23.228	IP Multimedia Subsystem (IMS); Stage 2	S2	Yes	2002-03-14	yes
TS	23.236	Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes	S2	Yes	2002-03-14	yes
TS	23.271	Location Services (LCS); Functional description; Stage 2	S2	Yes	2002-03-14	yes
TS	23.278	customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2	N4	Yes	2002-12-06	yes
TR	23.815	Charging implications of IMS architecture	S2	No	2002-03-14	yes
TR	23.871	Enhanced support for user privacy in Location Services (LCS)	S2	No	2002-03-14	yes
TR	23.875	Support of Push service	S2	No	2002-03-14	yes
TR	23.910	Circuit switched data bearer services	N3	Yes	2002-03-08	yes
TR	23.981	Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations	S2	Yes		
TS	24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes	2002-03-08	yes
TS	24.007	Mobile radio interface signalling layer 3; General Aspects	N1	Yes	2002-03-08	yes
TS	24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3	N1	Yes	2002-03-08	yes
TS	24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes	2002-03-08	yes
TS	24.011	Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface	N1	Yes	2002-03-08	yes
TS	24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	N3	Yes	2002-03-08	yes
TS	24.030	Location Services (LCS); Supplementary service operations; Stage 3	N4	Yes	2002-03-08	yes
TS	24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	Yes	2002-03-08	yes
TS	24.072	Call Deflection Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding	N4	Yes	2002-03-08	yes
TS	24.081	Line Identification Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.082	Call Forwarding supplementary service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.084	MultiParty (MPTY) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.085	Closed User Group (CUG) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes

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TS	24.086	Advice of Charge (AoC) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.087	User-to-User Signalling (UUS); Stage 3	N4	Yes	2002-03-08	yes
TS	24.088	Call Barring (CB) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.090	Unstructured Supplementary Service Data (USSD); Stage 3	N4	Yes	2002-03-08	yes
TS	24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	N4	Yes	2002-03-08	yes
TS	24.096	Name Identification Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.135	Multicall supplementary service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.228	Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	N1	Yes	2002-06-07	yes
TS	24.229	Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	N1	Yes	2002-06-07	yes
TS	25.101	User Equipment (UE) radio transmission and reception (FDD)	R4	Yes	2002-03-08	yes
TS	25.102	User Equipment (UE) radio transmission and reception (TDD)	R4	Yes	2002-03-08	yes
TS	25.104	Base Station (BS) radio transmission and reception (FDD)	R4	Yes	2002-03-08	yes
TS	25.105	Base Station (BS) radio transmission and reception (TDD)	R4	Yes	2002-03-08	yes
TS	25.106	UTRA repeater radio transmission and reception	R4	Yes	2002-03-08	yes
TS	25.113	Base station and repeater electromagnetic compatibility (EMC)	R4	Yes	2002-03-08	yes
TS	25.123	Requirements for support of radio resource management (TDD)	R4	Yes	2002-03-08	yes
TS	25.133	Requirements for support of radio resource management (FDD)	R4	Yes	2002-03-08	yes
TS	25.141	Base Station (BS) conformance testing (FDD)	R4	Yes	2002-03-08	yes
TS	25.142	Base Station (BS) conformance testing (TDD)	R4	Yes	2002-03-08	yes
TS	25.143	UTRA repeater conformance testing	R4	Yes	2002-03-08	yes
TS	25.201	Physical layer - general description	R1	Yes	2002-03-08	yes
TS	25.211	Physical channels and mapping of transport channels onto physical channels (FDD)	R1	Yes	2002-03-08	yes
TS	25.212	Multiplexing and channel coding (FDD)	R1	Yes	2002-03-08	yes
TS	25.213	Spreading and modulation (FDD)	R1	Yes	2002-03-08	yes
TS	25.214	Physical layer procedures (FDD)	R1	Yes	2002-03-08	yes
TS	25.215	Physical layer; Measurements (FDD)	R1	Yes	2002-03-08	yes
TS	25.221	Physical channels and mapping of transport channels onto physical channels (TDD)	R1	Yes	2002-03-08	yes
TS	25.222	Multiplexing and channel coding (TDD)	R1	Yes	2002-03-08	yes
TS	25.223	Spreading and modulation (TDD)	R1	Yes	2002-03-08	yes
TS	25.224	Physical layer procedures (TDD)	R1	Yes	2002-03-08	yes
TS	25.225	Physical layer; Measurements (TDD)	R1	Yes	2002-03-08	yes
TS	25.301	Radio Interface Protocol Architecture	R2	Yes	2002-03-08	yes
TS	25.302	Services provided by the physical layer	R2	Yes	2002-03-08	yes
TS	25.303	Interlayer procedures in Connected Mode	R2	Yes	2002-03-08	yes
TS	25.304	User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode	R2	Yes	2002-03-08	yes
TS	25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2	R2	Yes	2002-03-08	yes
TS	25.306	UE Radio Access capabilities definition	R2	Yes	2002-03-08	yes
TS	25.307	Requirements on UEs supporting a release-independent frequency band	R2	Yes	2002-03-08	yes
TS	25.308	UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2	R2	Yes	2002-03-08	yes

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TS	25.321	Medium Access Control (MAC) protocol specification	R2	Yes	2002-03-08	yes
TS	25.322	Radio Link Control (RLC) protocol specification	R2	Yes	2002-03-08	yes
TS	25.323	Packet Data Convergence Protocol (PDCP) specification	R2	Yes	2002-03-08	yes
TS	25.324	Broadcast/Multicast Control (BMC)	R2	Yes	2002-03-08	yes
TS	25.331	Radio Resource Control (RRC) protocol specification	R2	Yes	2002-03-08	yes
TS	25.401	UTRAN overall description	R3	Yes	2002-03-08	yes
TS	25.402	Synchronisation in UTRAN Stage 2	R3	Yes	2002-03-08	yes
TS	25.410	UTRAN Iu Interface: General Aspects and Principles	R3	Yes	2002-03-08	yes
TS	25.411	UTRAN Iu interface layer 1	R3	Yes	2002-03-08	yes
TS	25.412	UTRAN Iu interface signalling transport	R3	Yes	2002-03-08	yes
TS	25.413	UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling	R3	Yes	2002-03-08	yes
TS	25.414	UTRAN Iu interface data transport & transport signalling	R3	Yes	2002-03-08	yes
TS	25.415	UTRAN Iu interface user plane protocols	R3	Yes	2002-03-08	yes
TS	25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)	R3	Yes	2002-03-08	yes
TS	25.420	UTRAN Iur Interface: General Aspects and Principles	R3	Yes	2002-03-08	yes
TS	25.421	UTRAN Iur interface Layer 1	R3	Yes	2002-03-08	yes
TS	25.422	UTRAN Iur interface signalling transport	R3	Yes	2002-03-08	yes
TS	25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling	R3	Yes	2002-03-08	yes
TS	25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams	R3	Yes	2002-03-08	yes
TS	25.425	UTRAN Iur interface user plane protocols for CCH data streams	R3	Yes	2002-03-08	yes
TS	25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams	R3	Yes	2002-03-08	yes
TS	25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams	R3	Yes	2002-03-08	yes
TS	25.430	UTRAN Iub Interface: General Aspects and Principles	R3	Yes	2002-03-08	yes
TS	25.431	UTRAN Iub interface Layer 1	R3	Yes	2002-03-08	yes
TS	25.432	UTRAN Iub interface: signalling transport	R3	Yes	2002-03-08	yes
TS	25.433	UTRAN Iub interface NBAP signalling	R3	Yes	2002-03-08	yes
TS	25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams	R3	Yes	2002-03-08	yes
TS	25.435	UTRAN Iub interface user plane protocols for CCH data streams	R3	Yes	2002-03-08	yes
TS	25.442	UTRAN implementation-specific O&M transport	R3	Yes	2002-03-08	yes
TS	25.450	UTRAN Iupc interface general aspects and principles	R3	Yes	2002-03-08	yes
TS	25.451	UTRAN Iupc interface layer 1	R3	Yes	2002-03-08	yes
TS	25.452	UTRAN Iupc interface: signalling transport	R3	Yes	2002-03-08	yes
TS	25.453	UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling	R3	Yes	2002-03-08	yes
TR	25.854	Uplink Synchronous Transmission Scheme (USTS)	R1	No	2002-03-08	yes
TR	25.858	Physical layer aspects of UTRA High Speed Downlink Packet Access	R1	No	2002-03-08	yes
TR	25.859	User Equipment (UE) positioning enhancements for 1,28 Mcps TDD	R2	No	2002-03-08	yes
TR	25.860	Radio acces bearer support enhancements	R2	No	2002-03-08	yes
TR	25.868	Node B synchronization for 1,28 Mcps TDD	R1	No	2002-03-08	yes
TR	25.870	Enhancement on the DSCH Hard Split mode	R1	No	2002-03-08	yes
TR	25.875	NAS node selector function	R3	No	2002-03-08	yes
TR	25.877	High Speed Downlink Packet Access (HSDPA) - Iub/Iur	R3	No	2002-03-08	yes

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		Protocol Aspects				
TR	25.878	RL timing adjustment	R3	No	2002-03-08	yes
TR	25.879	Separation of resource reservation and radio link activation	R3	No	2002-03-08	yes
TS	25.880	Re-arrangement of Iub transport bearers	R3	No	2002-03-08	yes
TR	25.881	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS	R3	No	2002-03-08	yes
TR	25.882	1,28 Mcps TDD option base station classification	R4	No	2002-03-08	yes
TR	25.883	Direct Transport Bearers Between SRNC and Node-B	R3	No	2002-06-07	yes
TR	25.884	Iur Neighbouring cell reporting efficiency optimisation	R3	No	2002-06-07	yes
TR	25.921	Guidelines and principles for protocol description and error handling	R2	Yes	2002-03-08	yes
TR	25.922	Radio resource management strategies	R2	Yes	2002-03-08	yes
TR	25.931	UTRAN Functions, examples on signalling procedures	R3	Yes	2002-03-08	yes
TR	25.933	IP transport in UTRAN	R3	Yes	2002-03-08	yes
TR	25.942	RF system scenarios	R4	Yes	2002-03-08	yes
TR	25.943	Deployment aspects	R4	Yes	2002-03-08	yes
TR	25.945	RF requirements for low chip rate TDD option	R4	Yes	2002-03-08	yes
TR	25.952	Base Station classification (TDD)	R4	Yes	2002-03-08	yes
TR	25.956	UTRA repeater: Planning guidelines and system analysis	R4	Yes	2002-03-08	yes
TR	25.991	Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment	R4	Yes	2002-03-08	yes
TR	25.993	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)	R2	Yes	2002-03-14	yes
TR	25.994	Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults	R2	Yes	2002-03-14	yes
TR	25.995	Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface specification	R2	Yes	2002-03-14	yes
TS	26.071	AMR speech Codec; General description	S4	Yes	2002-06-13	yes
TS	26.073	AMR speech Codec; C-source code	S4	Yes	2002-06-13	yes
TS	26.074	AMR speech Codec; Test sequences	S4	Yes	2002-06-13	yes
TS	26.077	Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder	S4	Yes	2002-06-13	yes
TS	26.090	AMR speech Codec; Transcoding Functions	S4	Yes	2002-06-13	yes
TS	26.091	AMR speech Codec; Error concealment of lost frames	S4	Yes	2002-06-13	yes
TS	26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	S4	Yes	2002-06-13	yes
TS	26.093	AMR speech Codec; Source Controlled Rate operation	S4	Yes	2002-06-13	yes
TS	26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	S4	Yes	2002-06-13	yes
TS	26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure	S4	Yes	2002-06-13	yes
TS	26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu	S4	Yes	2002-06-13	yes
TS	26.103	Speech codec list for GSM and UMTS	S4	Yes	2002-03-14	yes
TS	26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec	S4	Yes	2002-06-13	yes
TS	26.110	Codec for circuit switched multimedia telephony service; General description	S4	Yes	2002-06-13	yes
TS	26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4	Yes	2002-06-13	yes

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TS	26.115	Echo control for speech and multi-media services	S4	Yes	2002-06-13	yes
TS	26.131	Terminal acoustic characteristics for telephony; Requirements	S4	Yes	2002-03-14	yes
TS	26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification	S4	Yes	2002-03-14	yes
TS	26.140	Multimedia Messaging Service (MMS); Media formats and codes	S4	Yes	2002-03-14	yes
TS	26.171	AMR speech codec, wideband; General description	S4	Yes	2002-03-14	yes
TS	26.173	ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec	S4	Yes	2002-03-14	yes
TS	26.174	AMR speech codec, wideband; Test sequences	S4	Yes	2002-03-14	yes
TS	26.190	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions	S4	Yes	2002-03-14	yes
TS	26.191	AMR speech codec, wideband; Error concealment of lost frames	S4	Yes	2002-03-14	yes
TS	26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects	S4	Yes	2002-03-14	yes
TS	26.193	AMR speech codec, wideband; Source Controlled Rate operation	S4	Yes	2002-03-14	yes
TS	26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)	S4	Yes	2002-03-14	yes
TS	26.201	AMR speech codec, wideband; Frame structure	S4	Yes	2002-03-14	yes
TS	26.202	AMR speech codec, wideband; Interface to Iu and Uu	S4	Yes	2002-03-14	yes
TS	26.204	ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec	S4	Yes	2002-03-14	yes
TS	26.226	Global text telephony (GTT);Transport of text in the voice channel	S4	Yes	2002-03-14	yes
TS	26.230	Global text telephony (GTT); Cellular text telephone modem transmitter C-code description	S4	Yes	2002-03-14	yes
TS	26.231	Global text telephony (GTT); Cellular text telephone modem minimum performance requirements	S4	Yes	2002-03-14	yes
TS	26.233	End-to-end transparent streaming service; General description	S4	Yes	2002-03-14	yes
TS	26.234	Transparent end-to-end streaming service; Protocols and codecs	S4	Yes	2002-03-14	yes
TS	26.235	Packet switched conversational multimedia applications; Default codecs	S4	Yes	2002-03-14	yes
TS	26.236	Packet switched conversational multimedia applications; Transport protocols	S4	Yes	2002-03-14	yes
TR	26.911	Codec for Circuit switched Multimedia Telephony Service;Terminal Implementorís Guide	S4	Yes	2002-06-13	yes
TR	26.937	Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model	S4	Yes	2002-03-14	yes
TR	26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec	S4	Yes	2002-06-13	yes
TR	26.976	Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec	S4	Yes	2002-06-07	yes
TS	27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes	2002-03-08	yes
TS	27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	Yes	2002-03-08	yes
TS	27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3	Yes	2002-03-08	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	2002-03-08	yes
TS	27.007	AT command set for 3G User Equipment (UE)	T2	Yes	2002-03-08	yes

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TS	27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	T2	Yes	2002-03-08	yes
TS	27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	N3	Yes	2002-03-08	yes
TS	27.103	Wide Area Network Synchronization	T2	Yes	2002-03-08	yes
TR	27.901	Report on Terminal Interfaces - An Overview	T2	Yes	2002-03-08	yes
TS	28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3	S4	Yes	2002-03-14	yes
TS	29.002	Mobile Application Part (MAP) specification	N4	Yes	2002-03-08	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	2002-03-08	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	2002-03-08	yes
TS	29.011	Signalling Interworking for Supplementary Services	N4	Yes	2002-03-08	yes
TS	29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	Yes	2002-03-08	yes
TS	29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	N1	Yes	2002-03-08	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	2002-03-08	yes
TS	29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	N4	Yes	2002-03-08	yes
TS	29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)	N3	Yes	2002-09-06	yes
TS	29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification	N4	Yes	2002-06-07	yes
TS	29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface	R3	Yes	2002-03-08	yes
TS	29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	N4	Yes	2002-03-08	yes
TS	29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3	N4	Yes	2002-03-08	yes
TS	29.198-01	Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview	N5	Yes	2002-03-08	yes
TS	29.198-02	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data	N5	Yes	2002-03-08	yes
TS	29.198-03	Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework	N5	Yes	2002-06-07	yes
TS	29.198-04-1	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions	N5	Yes	2002-06-07	yes
TS	29.198-04-2	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control data Service Capability Feature (SCF)	N5	Yes	2002-06-07	yes
TS	29.198-04-3	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF)	N5	Yes	2002-06-07	yes
TS	29.198-04-4	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF)	N5	Yes	2002-06-07	yes

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TS	29.198-05	Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction	N5	Yes	2002-03-08	yes
TS	29.198-06	Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility	N5	Yes	2002-03-08	yes
TS	29.198-07	Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities	N5	Yes	2002-03-08	yes
TS	29.198-08	Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control	N5	Yes	2002-03-08	yes
TS	29.198-11	Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management	N5	Yes	2002-03-08	yes
TS	29.198-12	Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging	N5	Yes	2002-06-07	yes
TS	29.198-13	Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF	N5	Yes	2002-06-07	yes
TS	29.198-14	Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM)	N5	Yes	2002-06-07	yes
TS	29.202	Signalling System No. 7 (SS7) signalling transport in core network; Stage 3	N4	Yes	2002-03-08	yes
TS	29.205	Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3	N4	Yes	2002-03-08	yes
TS	29.207	Policy control over Go interface	N3	Yes	2002-06-07	yes
TS	29.208	End to end Quality of Service (QoS) signalling flows	N3	Yes	2002-06-07	yes
TS	29.228	IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents	N4	Yes	2002-06-07	yes
TS	29.229	Cx and Dx interfaces based on the Diameter protocol; Protocol details	N4	Yes	2002-06-07	yes
TS	29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3	N4	Yes	2002-03-08	yes
TS	29.278	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)	N4	Yes	2002-12-06	yes
TS	29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents	N4	Yes	2002-06-07	yes
TS	29.329	Sh interface based on the Diameter protocol	N4	Yes	2002-06-07	yes
TS	29.414	Core network Nb data transport and transport signalling	N3	Yes	2002-03-08	yes
TS	29.415	Core network Nb interface user plane protocols	N3	Yes	2002-03-08	yes
TR	29.903	Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)	N4	Yes	2002-03-08	yes
TR	29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults	N1	Yes	2002-03-14	yes
TR	29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General issues on Application Programme Interface (API) mapping	N5	Yes	2002-03-08	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	2002-03-08	yes
TR	29.998-04-4	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control ISC	N5	Yes	2002-06-07	yes
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	2002-03-08	yes
TR	29.998-	Open Service Access (OSA) Application Programming	N5	Yes	2002-03-08	yes

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
	05-4	Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping				
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	2002-03-08	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	2002-03-08	yes
TR	30.902	Guidelines for the modification of the Mobile Application Part (MAP)	N4	No	2003-03-14	yes
TS	31.048	Security mechanisms for the (U)SIM application toolkit; Test specification	T3	Yes	2003-09-19	yes
TS	31.101	UICC-terminal interface; Physical and logical characteristics	T3	Yes	2002-09-06	yes
TS	31.102	Characteristics of the USIM application	T3	Yes	2002-03-08	yes
TS	31.103	Characteristics of the IP Multimedia Services Identity Module (ISIM) application	T3	Yes	2002-06-07	yes
TS	31.111	Universal Subscriber Identity Module Application Toolkit (USAT)	T3	Yes	2002-03-08	yes
TS	31.112	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2	T3	Yes	2002-03-08	yes
TS	31.113	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes	T3	Yes	2002-03-08	yes
TS	31.114	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration	T3	Yes	2002-03-08	yes
TS	31.120	UICC-terminal interface; Physical, electrical and logical test specification	T3	Yes	2004-12-16	yes
TS	31.121	UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification	T3	Yes		
TS	31.124	Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification	T3	Yes	--	
TR	31.900	SIM/USIM internal and external interworking aspects	T3	Yes	2002-03-14	yes
TS	32.101	Telecommunication management; Principles and high level requirements	S5	Yes	2002-03-14	yes
TS	32.102	Telecommunication management; Architecture	S5	Yes	2002-03-14	yes
TS	32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements	S5	Yes	2002-03-14	yes
TS	32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-03-14	yes
TS	32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-03-14	yes
TS	32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-03-14	yes
TS	32.200	Telecommunication management; Charging management; Charging principles	S5	Yes	2002-09-12	yes
TS	32.205	Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain	S5	Yes	2002-03-14	yes
TS	32.215	Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain	S5	Yes	2002-03-14	yes
TS	32.225	Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)	S5	Yes	2002-09-12	yes

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TS	32.235	Telecommunication management; Charging management; Charging data description for application services	S5	Yes	2002-09-12	yes
TS	32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects	S5	Yes	2002-09-12	yes
TS	32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements	S5	Yes	2002-03-14	yes
TS	32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-03-14	yes
TS	32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-03-14	yes
TS	32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-03-14	yes
TS	32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	S5	Yes	2002-03-14	yes
TS	32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)	S5	Yes	2002-03-14	yes
TS	32.321	Telecommunication management; Test management Integration Reference Point (IRP): Requirements	S5	Yes	2002-03-14	yes
TS	32.322	Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-09-12	yes
TS	32.323	Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.324	Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.401	Telecommunication management; Performance Management (PM); Concept and requirements	S5	Yes	2002-03-14	yes
TS	32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM	S5	Yes	2002-03-14	yes
TS	32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements	S5	Yes	2002-09-12	yes
TS	32.601	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements	S5	Yes	2002-09-12	yes
TS	32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information Service (SS)	S5	Yes	2002-09-12	yes
TS	32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements	S5	Yes	2002-06-13	yes
TS	32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-09-12	yes
TS	32.613	Telecommunication management; Configuration Management	S5	Yes	2002-09-12	yes

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
		(CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)				
TS	32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.615	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition	S5	Yes	2002-06-13	yes
TS	32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements	S5	Yes	2002-09-12	yes
TS	32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
TS	32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	2002-03-14	yes
TS	32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements	S5	Yes	2002-06-13	yes
TS	32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
TS	32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set	S5	Yes	2002-09-12	yes
TS	32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set	S5	Yes	2002-09-12	yes
TS	32.635	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	2002-06-13	yes
TS	32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Requirements	S5	Yes	2002-09-12	yes
TS	32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
TS	32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TS	32.645	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	2002-06-13	yes
TS	32.655	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	2002-06-13	yes
TS	32.661	Telecommunication management; Configuration Management (CM); Kernel CM; Requirements	S5	Yes	2002-09-12	yes
TS	32.662	Telecommunication management; Configuration Management (CM); Kernel CM; Information service (IS)	S5	Yes	2002-12-12	yes
TS	32.663	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.664	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-12-12	yes
TS	32.671	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements	S5	Yes	2002-03-14	yes
TS	32.672	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-03-14	yes
TS	32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-03-14	yes
TS	32.674	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-03-14	yes
TS	32.691	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements	S5	Yes	2002-09-12	yes
TS	32.692	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
TR	32.800	Telecommunication management; Management level procedures and interaction with UTRAN	S5	No	2002-03-14	yes
TR	32.802	Telecommunication management; User Equipment Management (UEM) feasibility study	S5	No	2002-06-13	yes
TS	33.102	3G security; Security architecture	S3	Yes	2002-03-14	yes
TS	33.105	Cryptographic algorithm requirements	S3	Yes	2004-06-10	yes
TS	33.106	Lawful interception requirements	S3	Yes	2002-03-14	yes
TS	33.107	3G security; Lawful interception architecture and functions	S3	Yes	2002-03-14	yes
TS	33.108	3G security; Handover interface for Lawful Interception (LI)	S3	Yes	2002-06-13	yes
TS	33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security	S3	Yes	2002-03-14	yes
TS	33.201	Access domain security	S3	Yes	2002-03-14	yes
TS	33.203	3G security; Access security for IP-based services	S3	Yes	2002-03-14	yes
TS	33.210	3G security; Network Domain Security (NDS); IP network layer security	S3	Yes	2002-03-14	yes
TR	33.900	Guide to 3G security	S3	Yes	2002-03-14	yes
TR	33.903	Access Security for IP based services	S3	Yes	2002-03-14	yes
TS	34.108	Common test environments for User Equipment (UE)	T1	Yes		

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
		conformance testing				
TS	34.109	Terminal logical test interface; Special conformance testing functions	R2	Yes	2002-03-08	yes
TS	34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)	T1	Yes	2003-06-06	yes
TS	34.122	Terminal conformance specification, Radio transmission and reception (TDD)	T1	Yes		
TS	34.123-1	User Equipment (UE) conformance specification; Part 1: Protocol conformance specification	T1	Yes	2002-06-07	yes
TS	34.123-2	User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification	T1	Yes	2002-06-07	yes
TS	34.124	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment	R4	Yes	2002-03-08	yes
TR	34.902	Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests	T1	Yes	2003-12-12	yes
TR	34.926	Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment	R4	Yes	2002-03-08	yes
TS	35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications	S3	Yes	2002-03-14	yes
TS	35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification	S3	Yes	2002-03-14	yes
TS	35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data	S3	Yes	2002-03-14	yes
TS	35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data	S3	Yes	2002-03-14	yes
TS	35.205	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 1: General	S3	Yes	2002-03-14	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	2002-03-14	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: Implementorsí test data	S3	Yes	2002-03-14	yes
TS	35.208	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 4: Design conformance test data	S3	Yes	2002-03-14	yes
TR	35.909	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 5: Summary and results of design and evaluation	S3	Yes	2002-03-14	yes
TS	51.010-5	Mobile Station (MS) conformance specification; Part 5: GERAN / UTRAN interaction Abstract Test Suite (ATS)	G3new	Yes		

Page 1: [1] Comment [H3]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the CR number here. This number is allocated by the 3GPP support team. It consists of at least three digits, padded with leading zeros if necessary.

Page 1: [2] Comment [H5]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the version of the specification here. This number is the version of the specification to which the CR will be applied if it is approved. Make sure that the latest version of the specification (of the relevant release) is used when creating the CR. If unsure what the latest version is, go to http://www.3gpp.org/specs/specs.htm.

Page 1: [3] Comment [H6]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

For help on how to fill out a field, place the mouse pointer over the special symbol closest to the field in question.

Page 1: [4] Comment [H9]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter a concise description of the subject matter of the CR. It should be no longer than one line. Do not use redundant information such as "Change Request number xxx to 3GPP TS xx.xxx".

Page 1: [5] Comment [H10]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the source of the CR. This is either (a) one or several companies or, (b) if a (sub)working group has already reviewed and agreed the CR, then list the group as the source.

Page 1: [6] Comment [H11]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the acronym for the work item which is applicable to the change. This field is mandatory for category F, B & C CRs for release 4 and later. A list of work item acronyms can be found in the 3GPP work plan. See http://www.3gpp.org/ftp/information/work_plan/ .
The list is also included in a MS Excel file included in the zip file containing the CR cover sheet template.

Page 1: [7] Comment [H12]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter the date on which the CR was last revised. Format to be interpretable by English version of MS Windows Æ applications, e.g. 19/02/2002.

Page 1: [8] Comment [H13]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter a single letter corresponding to the most appropriate category listed below. For more detailed help on interpreting these categories, see the Technical Report 21.900 "TSG working methods".

Page 1: [9] Comment [H16]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter text which describes the most important components of the change. i.e. How the change is made.

Page 1: [10] Comment [H17]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Enter here the consequences if this CR was to be rejected. It is necessary to complete this section only if the CR is of category "F" (i.e. correction).

Page 1: [11] Comment [H19]   **Explanation of field**   **2004-12-08 2004-12-08 17:34**

Tick "yes" box if any other specifications are affected by this change. Else tick "no". You MUST fill in one or the other.

Enter any other information which may be needed by the group being requested to approve the CR. This could include special conditions for it's approval which are not listed anywhere else above.

CHANGE REQUEST

⌘ **21.101** CR **025** ⌘rev **-** ⌘ Current version: **5.7.0** ⌘

For **HELP** *on using this form, see bottom of this page or look at the pop-up text over the* ⌘ *symbols.*

Proposed change affects: | UICC apps⌘ ☐ ME ☐ Radio Access Network ☐ Core Network ☐

Title: ⌘	Corrections to list of specifications
Source: ⌘	MCC
Work item code: ⌘	TEI6 **Date:** ⌘ 08/12/04

Category: ⌘ **F** **Release:** ⌘ Rel-6

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP TR 21.900.

Use one of the following releases:
Ph2 *(GSM Phase 2)*
R96 *(Release 1996)*
R97 *(Release 1997)*
R98 *(Release 1998)*
R99 *(Release 1999)*
Rel-4 *(Release 4)*
Rel-5 *(Release 5)*
Rel-6 *(Release 6)*

Reason for change: ⌘	To ensure list of specifications required to implement system is correct.
Summary of change: ⌘	Adds: Specs pertaining to new Rel-6 features Removes: Dross
Consequences if not approved: ⌘	List is wrong, risk of erroneous system implementation.

Clauses affected: ⌘	5	

	Y	N	
Other specs affected: ⌘		X	Other core specifications ⌘
		X	Test specifications
		X	O&M Specifications

Other comments: ⌘	

Comment [H1]: Document numbers are allocated by the Working Group Secretary.

Comment [H2]: Enter the specification number in this box. For example, 04.08 or 31.102. Do not prefix the number with anything . i.e. do not use "TS", "GSM" or "3GPP" etc.

Comment [H3]: Enter the CR number here. This number is allocated by the 3GPP supp... [1]

Comment [H4]: Enter the revision number of the CR here. If it is the first version, use a "-".

Comment [H5]: Enter the version of the specification here. This number is the version ... [2]

Comment [H6]: For help on how to fill out a field, place the mouse pointer over the spec... [3]

Comment [H7]: Mark one or more of the boxes with an X.

Comment [H8]: SIM / USIM / ISIM applications.

Comment [H9]: Enter a concise description of the subject matter of the CR. It should ... [4]

Comment [H10]: Enter the source of the CR. This is either (a) one or several companies o... [5]

Comment [H11]: Enter the acronym for the work item which is applicable to the change. ... [6]

Comment [H12]: Enter the date on which the CR was last revised. Format to be inter... [7]

Comment [H13]: Enter a single letter corresponding to the most appropriate category l... [8]

Comment [H14]: Enter a single release code from the list below.

Comment [H15]: Enter text which explains why the change is necessary.

Comment [H16]: *Enter text which describes the most important components of th*... [9]

Comment [H17]: Enter here the consequences if this CR was to be rejected. It is necessary... [10]

Comment [H18]: Enter the number of each clause which contains changes.

Comment [H19]: Tick "yes" box if any other specifications are affected by this change. E... [11]

Comment [H20]: List here the specifications which are affected or the CRs which are linked.

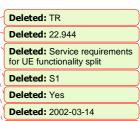**Comment [H21]:** Enter any other information which may be needed by the group being ... [12]

5 Specifications and Reports of 3G Release 5

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 colunms), see 3GPP TS 21.900 [2].

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TS	21.101	Technical Specifications and Technical Reports for a UTRAN-based 3GPP system	SP	Yes	2003-06-12	yes
TS	21.111	USIM and IC card requirements	T3	Yes	2002-06-07	yes
TR	21.801	Specification drafting rules	SP	No	2002-03-14	yes
TR	21.877	Radio optimization impacts on the Packet Switched (PS) domain architecture	S2	No	-	-
TR	21.900	Technical Specification Group working methods	SP	Yes	2002-03-14	yes
TR	21.902	Evolution of 3GPP system	SP	Yes	-	-
TR	21.905	Vocabulary for 3GPP Specifications	S1	Yes	2002-03-14	yes
TS	22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1	Yes	2002-06-13	yes
TS	22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)	S1	Yes	2002-06-13	yes
TS	22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	S1	Yes	2002-03-14	yes
TS	22.004	General on supplementary services	S1	Yes	2002-06-13	yes
TS	22.011	Service accessibility	S1	Yes	2002-06-13	yes
TS	22.016	International Mobile Equipment Identities (IMEI)	S1	Yes	2002-06-13	yes
TS	22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3	Yes	2002-09-12	yes
TS	22.024	Description of Charge Advice Information (CAI)	S1	Yes	2002-06-13	yes
TS	22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	S1	Yes	2002-06-13	yes
TS	22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3	Yes	2002-12-12	yes
TS	22.032	Immediate Service Termination (IST); Service description; Stage 1	S3	Yes	2002-06-13	yes
TS	22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	Yes	2002-06-13	yes
TS	22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1	Yes	2002-03-14	yes
TS	22.041	Operator Determined Call Barring	S1	Yes	2002-06-13	yes
TS	22.042	Network Identity and Time Zone (NITZ) service description; Stage 1	S1	Yes	2002-06-13	yes
TS	22.048	Security mechanisms for the (U)SIM application toolkit; Stage 1	T3	Yes	2003-06-06	yes
TS	22.053	Tandem Free Operation (TFO); Service description; Stage 1	S4	Yes	2002-06-13	yes
TS	22.057	Mobile Execution Environment (MExE) service description; Stage 1	S1	Yes	2002-03-14	yes
TS	22.060	General Packet Radio Service (GPRS); Service description;	S1	Yes	2002-03-14	yes

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
		Stage 1				
TS	22.066	Support of Mobile Number Portability (MNP); Stage 1	S1	Yes	2002-06-13	yes
TS	22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1	S1	Yes	2002-06-13	yes
TS	22.071	Location Services (LCS); Stage 1	S1	Yes	2002-03-14	yes
TS	22.072	Call Deflection (CD); Stage 1	S1	Yes	2002-06-13	yes
TS	22.076	Noise suppression for the AMR codec; Service description; Stage 1	S4	Yes	2002-06-13	yes
TS	22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	S1	Yes	2002-03-14	yes
TS	22.079	Support of optimal routeing; Stage 1	S1	Yes	2002-06-13	yes
TS	22.081	Line Identification supplementary services; Stage 1	S1	Yes	2002-06-13	yes
TS	22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes	2002-06-13	yes
TS	22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
TS	22.084	MultiParty (MPTY) supplementary service; Stage 1	S1	Yes	2002-06-13	yes
TS	22.085	Closed User Group (CUG) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
TS	22.086	Advice of Charge (AoC) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
TS	22.087	User-to-user signalling (UUS); Stage 1	S1	Yes	2002-06-13	yes
TS	22.088	Call Barring (CB) supplementary services; Stage 1	S1	Yes	2002-06-13	yes
TS	22.090	Unstructured Supplementary Service Data (USSD); Stage 1	S1	Yes	2002-06-13	yes
TS	22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1	Yes	2002-06-13	yes
TS	22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	S1	Yes	2002-06-13	yes
TS	22.094	Follow Me service description - Stage 1	S1	Yes	2002-06-13	yes
TS	22.096	Name identification supplementary services; Stage 1	S1	Yes	2002-06-13	yes
TS	22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	S1	Yes	2002-06-13	yes
TS	22.101	Service aspects; Service principles	S1	Yes	2002-03-14	yes
TS	22.105	Services and service capabilities	S1	Yes	2002-03-14	yes
TS	22.112	USIM toolkit interpreter; Stage 1	T3	Yes	2002-03-08	yes
TS	22.115	Service Aspects Charging and billing	S1	Yes	2002-03-14	yes
TR	22.121	Service aspects; The Virtual Home Environment; Stage 1	S1	Yes	2002-03-14	yes
TS	22.127	Service Requirement for the Open Services Access (OSA); Stage 1	S1	Yes	2002-03-14	yes
TS	22.129	Handover requirements between UTRAN and GERAN or other radio systems	S1	Yes	2002-03-14	yes
TS	22.135	Multicall; Service description; Stage 1	S1	Yes	2002-06-13	yes
TS	22.140	Multimedia Messaging Service (MMS); Stage 1	S1	Yes	2002-03-14	yes
TS	22.141	Presence service; Stage 1	S1	Yes		--
TS	22.146	Multimedia Broadcast/Multicast Service (MBMS); Stage 1	S1	Yes		--
TS	22.174	Push service; Stage 1	S1	Yes		--
TS	22.177	Speech-enabled services; Stage 1	S1	Yes		--
TS	22.226	Global text telephony (GTT); Stage 1: Service description	S1	Yes	2002-03-14	yes
TS	22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1	S1	Yes	2002-03-14	yes
TS	22.233	Transparent end-to-end packet-switched streamng service; Stage 1	S1	Yes	2002-06-13	yes
TS	22.141	Presence service; Stage 1	S1	Yes		--
TS	22.146	Multimedia Broadcast/Multicast Service (MBMS); Stage 1	S1	Yes		--
TS	22.174	Push service; Stage 1	S1	Yes		--
TS	22.177	Speech-enabled services; Stage 1	S1	Yes		--

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TS	22.141	Presence service: Stage 1	S1	Yes		_
TS	22.146	Multimedia Broadcast/Multicast Service (MBMS); Stage 1	S1	Yes		_
TS	22.174	Push service: Stage 1	S1	Yes		_
TS	22.177	Speech-enabled services; Stage 1	S1	Yes		_
TS	22.141	Presence service: Stage 1	S1	Yes		_
TS	22.146	Multimedia Broadcast/Multicast Service (MBMS); Stage 1	S1	Yes		_
TS	22.174	Push service: Stage 1	S1	Yes		_
TR	22.949	Study on a generalized privacy capability	S1	Yes		_
TR	22.950	Priority service feasibility study	S1	Yes		_
TR	22.951	Service aspects and requirements for network sharing	S1	Yes		_
TR	22.952	Priority service guide	S1	Yes		_
TR	22.977	Feasibility study for speech-enabled services	S1	Yes		_
TS	23.002	Network architecture	S2	Yes	2002-03-14	yes
TS	23.003	Numbering, addressing and identification	N4	Yes	2002-03-08	yes
TS	23.007	Restoration procedures	N4	Yes	2002-03-08	yes
TS	23.008	Organisation of subscriber data	N4	Yes	2002-03-08	yes
TS	23.009	Handover procedures	N1	Yes	2002-03-08	yes
TS	23.011	Technical realization of Supplementary Services	N4	Yes	2002-03-08	yes
TS	23.012	Location management procedures	N4	Yes	2002-03-08	yes
TS	23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1	Yes	2002-03-08	yes
TS	23.015	Technical realization of Operator Determined Barring (ODB)	N4	Yes	2002-03-08	yes
TS	23.016	Subscriber data management; Stage 2	N4	Yes	2002-03-08	yes
TS	23.018	Basic Call Handling; Technical realization	N4	Yes	2002-03-08	yes
TS	23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3	Yes	2002-12-12	yes
TS	23.032	Universal Geographical Area Description (GAD)	S2	Yes	2003-03-20	yes
TS	23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes	2002-03-08	yes
TS	23.035	Immediate Service Termination (IST); Stage 2	S3	Yes	2002-06-13	yes
TS	23.038	Alphabets and language-specific information	T2	Yes	2002-03-08	yes
TR	23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	T2	Yes	2002-03-08	yes
TS	23.040	Technical realization of Short Message Service (SMS)	T2	Yes	2002-03-08	yes
TS	23.041	Technical realization of Cell Broadcast Service (CBS)	T2	Yes	2002-06-07	yes
TS	23.042	Compression algorithm for SMS	T2	Yes	2002-03-08	yes
TS	23.048	Security mechanisms for the (U)SIM application toolkit; Stage 2	T3	Yes	2002-03-08	yes
TS	23.053	Tandem Free Operation (TFO); Service description; Stage 2	S4	Yes	2002-06-13	yes
TS	23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	T2	Yes	2002-03-08	yes
TS	23.060	General Packet Radio Service (GPRS); Service description; Stage 2	S2	Yes	2002-03-14	yes
TS	23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4	Yes	2002-03-08	yes
TS	23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N4	Yes	2002-03-08	yes
TS	23.072	Call Deflection Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2	N4	Yes	2002-06-07	yes
TS	23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2	N4	Yes	2002-03-08	yes

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Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TS	23.081	Line Identification supplementary services; Stage 2	N4	Yes	2002-03-08	yes
TS	23.082	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes	2002-03-08	yes
TS	23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.084	MultiParty (MPTY) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.085	Closed User Group (CUG) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.086	Advice of Charge (AoC) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.087	User-to-User Signalling (UUS) supplementary service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.088	Call Barring (CB) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.090	Unstructured Supplementary Service Data (USSD); Stage 2	N4	Yes	2002-03-08	yes
TS	23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	N4	Yes	2002-03-08	yes
TS	23.094	Follow Me Stage 2	N4	Yes	2002-03-08	yes
TS	23.096	Name Identification Supplementary Service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2	N4	Yes	2002-03-08	yes
TS	23.101	General UMTS Architecture	S2	Yes	2003-12-18	yes
TS	23.107	Quality of Service (QoS) concept and architecture	S2	Yes	2002-03-14	yes
TS	23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)	N1	Yes	2002-06-07	yes
TS	23.110	UMTS Access Stratum Services and Functions	S2	Yes	2003-12-18	yes
TS	23.116	Super-Charger technical realization; Stage 2	N4	Yes	2002-03-08	yes
TS	23.119	Gateway Location Register (GLR); Stage2	N4	Yes	2002-03-08	yes
TS	23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	N1	Yes	2002-03-08	yes
TS	23.125	Overall high level functionality and architecture impacts of flow based charging; Stage 2	S2	No	-	-
TS	23.127	Virtual Home Environment (VHE) / Open Service Access (OSA)	S2	Yes	2002-03-14	yes
TS	23.135	Multicall supplementary service; Stage 2	N4	Yes	2002-03-08	yes
TS	23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	T2	Yes	2002-03-08	yes
TS	23.141	Presence service; Architecture and functional description; Stage 2	S2	Yes	-	-
TS	23.146	Technical realization of facsimile Group 3 service - non-transparent	N3	Yes	2002-03-08	yes
TS	23.153	Out of Band Transcoder Control; Stage 2	N4	Yes	2002-03-08	yes
TS	23.172	Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2	N3	Yes	2002-06-07	yes
TS	23.174	Push service; stage 2	S2	Yes	-	-
TS	23.195	Provision of User Equipment Specific Behaviour Information (UESBI) to network entities	S2	Yes	2003-06-12	yes
TS	23.198	Open Service Access (OSA); Stage 2	N5	Yes	-	-
TR	23.202	Circuit switched data bearer services	N3	Yes	-	-
TS	23.205	Bearer-independent circuit-switched core network; Stage 2	N4	Yes	2002-03-08	yes
TS	23.207	End-to-end Quality of Service (QoS) concept and architecture	S2	Yes	2002-03-14	yes
TS	23.218	IP Multimedia (IM) session handling; IM call model; Stage 2	N1	Yes	2002-03-08	yes
TS	23.221	Architectural requirements	S2	Yes	2002-03-14	yes
TS	23.226	Global text telephony (GTT); Stage 2: Architecture	S2	Yes	2002-03-08	yes
TS	23.227	Application and user interaction in the UE; Principles and specific requirements	T2	Yes	2002-03-08	yes
TS	23.228	IP Multimedia Subsystem (IMS); Stage 2	S2	Yes	2002-03-14	yes

3GPP

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TS	23.234	3GPP system to Wireles Local Area Network (WLAN) interworking; System description	S2	Yes	-	-
TS	23.236	Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes	S2	Yes	2002-03-14	yes
TS	23.240	3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)	S2	Yes	-	-
TS	23.241	3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)	N4	Yes	-	-
TS	23.246	Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description	S2	Yes	-	-
TS	23.251	Network sharing; Architecture and functional description	S2	Yes	-	-
TS	23.271	Location Services (LCS); Functional description; Stage 2	S2	Yes	2002-03-14	yes
TS	23.278	customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2	N4	Yes	2002-12-06	yes
TR	23.801	Potential mechanisms for Circuit Switched (CS) domain video and voice service improvements	S2	No	-	-
					-	
TR	23.835	Study into applicability of Galileo in Location Services (LCS)	S2	No	-	-
TR	23.841	Presence service architecture	S2	No	-	-
TR	23.846	Multimedia Broadcast/Multicast Service (MBMS); Stage 2	S2	Yes	-	-
TS	23.851	Network sharing; Architecture and functional description	S2	No	-	-
TR	23.864	Commonality and interoperability between IP Multimedia System (IMS) core networks	S2	No	-	-
TR	23.867	Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions	S2	No	-	-
					-	
TR	23.877	Architectural aspects of speech-enabled services	S2	No	-	-
TR	23.895	Provision of UE specific behaviour information to network entities	S2	Yes	-	-
TR	23.899	Combining Circuit Switched (CS) bearers with IP Multimeida Subsystem (IMS)	S2	No	-	-
TR	23.903	Redial solution for video-voice switching	S2	Yes	-	-
					-	
TR	23.934	3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition	S2	Yes	-	-
TR	23.941	3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)	N4	Yes	-	-
TR	23.976	Push architecture	S2	Yes	-	-
TR	23.977	Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks	S2	Yes	-	-
TR	23.979	3GPP enablers for Push-to-talk over Cellular (PoC) services; Stage 2	S2	Yes	-	-
TR	23.981	Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations	S2	Yes		
TS	24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes	2002-03-08	yes
TS	24.007	Mobile radio interface signalling layer 3; General Aspects	N1	Yes	2002-03-08	yes
TS	24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3	N1	Yes	2002-03-08	yes
TS	24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes	2002-03-08	yes

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Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TS	24.011	Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface	N1	Yes	2002-03-08	yes
TS	24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	N3	Yes	2002-03-08	yes
TS	24.030	Location Services (LCS); Supplementary service operations; Stage 3	N4	Yes	2002-03-08	yes
TS	24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	Yes	2002-03-08	yes
TS	24.072	Call Deflection Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding	N4	Yes	2002-03-08	yes
TS	24.081	Line Identification Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.082	Call Forwarding supplementary service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.084	MultiParty (MPTY) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.085	Closed User Group (CUG) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.086	Advice of Charge (AoC) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.087	User-to-User Signalling (UUS); Stage 3	N4	Yes	2002-03-08	yes
TS	24.088	Call Barring (CB) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.090	Unstructured Supplementary Service Data (USSD); Stage 3	N4	Yes	2002-03-08	yes
TS	24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	N4	Yes	2002-03-08	yes
TS	24.096	Name Identification Supplementary Service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.109	Bootstrapping interface (Ub) and network application function interface (Ua); Protocol details	N1	Yes	-	-
TS	24.135	Multicall supplementary service; Stage 3	N4	Yes	2002-03-08	yes
TS	24.141	Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	N1	Yes	-	-
TS	24.147	Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	N1	Yes	-	-
TS	24.167	3GPP IMS Management Object (MO); Stage 3	N1	Yes	-	-
TS	24.229	Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	N1	Yes	2002-06-07	yes
TS	24.234	3GPP system to Wireless Local Area Network (WLAN) interworking; User Equipment (UE) to network protocols; Stage 3	N1	Yes	-	-
TS	24.241	3GPP Generic User Profile (GUP) Common objects; Stage 3	N4	Yes	-	-
TS	24.247	Messaging using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	N1	Yes	-	-
TR	24.841	Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details	N1	No	-	-
TS	25.101	User Equipment (UE) radio transmission and reception (FDD)	R4	Yes	2002-03-08	yes
TS	25.102	User Equipment (UE) radio transmission and reception (TDD)	R4	Yes	2002-03-08	yes
TS	25.104	Base Station (BS) radio transmission and reception (FDD)	R4	Yes	2002-03-08	yes
TS	25.105	Base Station (BS) radio transmission and reception (TDD)	R4	Yes	2002-03-08	yes
TS	25.106	UTRA repeater radio transmission and reception	R4	Yes	2002-03-08	yes
TS	25.113	Base station and repeater electromagnetic compatibility (EMC)	R4	Yes	2002-03-08	yes
TS	25.123	Requirements for support of radio resource management (TDD)	R4	Yes	2002-03-08	yes
TS	25.133	Requirements for support of radio resource management	R4	Yes	2002-03-08	yes

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		(FDD)				
TS	25.141	Base Station (BS) conformance testing (FDD)	R4	Yes	2002-03-08	yes
TS	25.142	Base Station (BS) conformance testing (TDD)	R4	Yes	2002-03-08	yes
TS	25.143	UTRA repeater conformance testing	R4	Yes	2002-03-08	yes
TS	25.171	Requirements for support of Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)	R4	Yes	-	-
TS	25.201	Physical layer - general description	R1	Yes	2002-03-08	yes
TS	25.211	Physical channels and mapping of transport channels onto physical channels (FDD)	R1	Yes	2002-03-08	yes
TS	25.212	Multiplexing and channel coding (FDD)	R1	Yes	2002-03-08	yes
TS	25.213	Spreading and modulation (FDD)	R1	Yes	2002-03-08	yes
TS	25.214	Physical layer procedures (FDD)	R1	Yes	2002-03-08	yes
TS	25.215	Physical layer; Measurements (FDD)	R1	Yes	2002-03-08	yes
TS	25.221	Physical channels and mapping of transport channels onto physical channels (TDD)	R1	Yes	2002-03-08	yes
TS	25.222	Multiplexing and channel coding (TDD)	R1	Yes	2002-03-08	yes
TS	25.223	Spreading and modulation (TDD)	R1	Yes	2002-03-08	yes
TS	25.224	Physical layer procedures (TDD)	R1	Yes	2002-03-08	yes
TS	25.225	Physical layer; Measurements (TDD)	R1	Yes	2002-03-08	yes
TS	25.301	Radio Interface Protocol Architecture	R2	Yes	2002-03-08	yes
TS	25.302	Services provided by the physical layer	R2	Yes	2002-03-08	yes
TS	25.303	Interlayer procedures in Connected Mode	R2	Yes	2002-03-08	yes
TS	25.304	User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode	R2	Yes	2002-03-08	yes
TS	25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2	R2	Yes	2002-03-08	yes
TS	25.306	UE Radio Access capabilities definition	R2	Yes	2002-03-08	yes
TS	25.307	Requirements on UEs supporting a release-independent frequency band	R2	Yes	2002-03-08	yes
TS	25.308	UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2	R2	Yes	2002-03-08	yes
TS	25.309	FDD enhanced uplink; Overall description; Stage 2	R2	Yes	-	-
TS	25.321	Medium Access Control (MAC) protocol specification	R2	Yes	2002-03-08	yes
TS	25.322	Radio Link Control (RLC) protocol specification	R2	Yes	2002-03-08	yes
TS	25.323	Packet Data Convergence Protocol (PDCP) specification	R2	Yes	2002-03-08	yes
TS	25.324	Broadcast/Multicast Control (BMC)	R2	Yes	2002-03-08	yes
TS	25.331	Radio Resource Control (RRC) protocol specification	R2	Yes	2002-03-08	yes
TS	25.346	Introduction of Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN); Stage 2	R2	Yes	-	-
TS	25.401	UTRAN overall description	R3	Yes	2002-03-08	yes
TS	25.402	Synchronisation in UTRAN Stage 2	R3	Yes	2002-03-08	yes
TS	25.409	Enhanced uplink UTRA FDD; Stage 3	R3	Yes	-	-
TS	25.410	UTRAN Iu Interface: General Aspects and Principles	R3	Yes	2002-03-08	yes
TS	25.411	UTRAN Iu interface layer 1	R3	Yes	2002-03-08	yes
TS	25.412	UTRAN Iu interface signalling transport	R3	Yes	2002-03-08	yes
TS	25.413	UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling	R3	Yes	2002-03-08	yes
TS	25.414	UTRAN Iu interface data transport & transport signalling	R3	Yes	2002-03-08	yes
TS	25.415	UTRAN Iu interface user plane protocols	R3	Yes	2002-03-08	yes
TS	25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)	R3	Yes	2002-03-08	yes
TS	25.420	UTRAN Iur Interface: General Aspects and Principles	R3	Yes	2002-03-08	yes

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TS	25.421	UTRAN Iur interface Layer 1	R3	Yes	2002-03-08	yes
TS	25.422	UTRAN Iur interface signalling transport	R3	Yes	2002-03-08	yes
TS	25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling	R3	Yes	2002-03-08	yes
TS	25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams	R3	Yes	2002-03-08	yes
TS	25.425	UTRAN Iur interface user plane protocols for CCH data streams	R3	Yes	2002-03-08	yes
TS	25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams	R3	Yes	2002-03-08	yes
TS	25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams	R3	Yes	2002-03-08	yes
TS	25.430	UTRAN Iub Interface: General Aspects and Principles	R3	Yes	2002-03-08	yes
TS	25.431	UTRAN Iub interface Layer 1	R3	Yes	2002-03-08	yes
TS	25.432	UTRAN Iub interface: signalling transport	R3	Yes	2002-03-08	yes
TS	25.433	UTRAN Iub interface NBAP signalling	R3	Yes	2002-03-08	yes
TS	25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams	R3	Yes	2002-03-08	yes
TS	25.435	UTRAN Iub interface user plane protocols for CCH data streams	R3	Yes	2002-03-08	yes
TS	25.442	UTRAN implementation-specific O&M transport	R3	Yes	2002-03-08	yes
TS	25.450	UTRAN Iupc interface general aspects and principles	R3	Yes	2002-03-08	yes
TS	25.451	UTRAN Iupc interface layer 1	R3	Yes	2002-03-08	yes
TS	25.452	UTRAN Iupc interface: signalling transport	R3	Yes	2002-03-08	yes
TS	25.453	UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling	R3	Yes	2002-03-08	yes
TS	25.460	UTRAN Iuant interface: General aspects and principles	R3	Yes		-
TS	25.461	UTRAN Iuant interface: Layer 1	R3	Yes		-
TS	25.462	UTRAN Iuant interface: Signalling transport	R3	Yes		-
TS	25.463	UTRAN Iuant interface: Remote Electrical Tilting (RET) antennas Application Part (RETAP) signalling	R3	Yes		-
TR	25.801	Feasibility study for improved access to User Equipment (UE) measurement data for Controlling Radio Network Controller (CRNC) to support Time Division Duplex (TDD) Radio Resource Management (RRM)	R3	No		-
TR	25.803	S-CCPCH performance for MBMS	R1	Yes		-
TR	25.804	Feasibility study on uplink enhancements for UTRA TDD	R1	No		-
TR	25.805	DS-CDMA introduction in the 800 MHz band	R4	No		-
TR	25.806	UMTS 1700/2100MHz Work Item	R4	No		-
TR	25.807	Low output powers for general purpose Frequency Division Duplex (FDD) Base Station (BS)	R3	No		-
TR	25.808	FDD enhanced uplink; Physical layer aspects	R1	No		-
TR	25.852	Iu enhancements for IP Multimedia (IMS) support in UTRAN	R3	No		-
TR	25.862	RAB support for IMS	R2	Yes		-

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Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TR	25.884	Iur Neighbouring cell reporting efficiency optimisation	R3	No	2002-06-07	yes
TR	25.888	Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD	R1	No		-
TR	25.889	Feasibility study considering the viable deployment of UTRA in additional and diverse spectrum arrangements	R4	No		-
TR	25.891	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post-Rel-5	R3	No		-
TR	25.892	Feasibility study for Orthogonal Frequency Division Multiplexing (OFDM) for UTRAN enhancement	R1	No		-
TR	25.894	Enhanced UE positioning using software blanking	R2	No		-
TR	25.895	Analysis of higher chip rates for UTRA TDD evolution	R1	No		-
TR	25.896	Feasibility study for enhanced uplink for UTRA FDD	R1	No		-
TR	25.897	Feasibility study on the evolution of UTRAN architecture	R3	No		-
TR	25.898	Power control enhancements for UTRA	R1	No		-
TR	25.899	High Speed Download Packet Access (HSDPA) enhancements	R1	No		-
TR	25.901	Network Assisted Cell Change (NACC) from UTRAN to GERAN; Network side aspects	R3	Yes		-
TR	25.921	Guidelines and principles for protocol description and error handling	R2	Yes	2002-03-08	yes
TR	25.922	Radio resource management strategies	R2	Yes	2002-03-08	yes
TR	25.931	UTRAN Functions, examples on signalling procedures	R3	Yes	2002-03-08	yes
TR	25.942	RF system scenarios	R4	Yes	2002-03-08	yes
TR	25.943	Deployment aspects	R4	Yes	2002-03-08	yes
TR	25.951	Base Station (BS) classification (FDD)	R4	Yes		-
TR	25.956	UTRA repeater: Planning guidelines and system analysis	R4	Yes	2002-03-08	yes
TR	25.992	Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements	RP	Yes		-
TR	25.993	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)	R2	Yes	2002-03-14	yes
TR	25.994	Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults	R2	Yes	2002-03-14	yes
TR	25.995	Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface specification	R2	Yes	2002-03-14	yes

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Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TR	25.996	Spacial channel model for Multiple Input Multiple Output (MIMO) simulations	R1	Yes	- -	
TS	26.071	AMR speech Codec; General description	S4	Yes	2002-06-13	yes
TS	26.073	AMR speech Codec; C-source code	S4	Yes	2002-06-13	yes
TS	26.074	AMR speech Codec; Test sequences	S4	Yes	2002-06-13	yes
TS	26.077	Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder	S4	Yes	2002-06-13	yes
TS	26.090	AMR speech Codec; Transcoding Functions	S4	Yes	2002-06-13	yes
TS	26.091	AMR speech Codec; Error concealment of lost frames	S4	Yes	2002-06-13	yes
TS	26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	S4	Yes	2002-06-13	yes
TS	26.093	AMR speech Codec; Source Controlled Rate operation	S4	Yes	2002-06-13	yes
TS	26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	S4	Yes	2002-06-13	yes
TS	26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure	S4	Yes	2002-06-13	yes
TS	26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu	S4	Yes	2002-06-13	yes
TS	26.103	Speech codec list for GSM and UMTS	S4	Yes	2002-03-14	yes
TS	26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec	S4	Yes	2002-06-13	yes
TS	26.110	Codec for circuit switched multimedia telephony service; General description	S4	Yes	2002-06-13	yes
TS	26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4	Yes	2002-06-13	yes
TS	26.115	Echo control for speech and multi-media services	S4	Yes	2002-06-13	yes
TS	26.131	Terminal acoustic characteristics for telephony; Requirements	S4	Yes	2002-03-14	yes
TS	26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification	S4	Yes	2002-03-14	yes
TS	26.140	Multimedia Messaging Service (MMS); Media formats and codes	S4	Yes	2002-03-14	yes
TS	26.171	AMR speech codec, wideband; General description	S4	Yes	2002-03-14	yes
TS	26.173	ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec	S4	Yes	2002-03-14	yes
TS	26.174	AMR speech codec, wideband; Test sequences	S4	Yes	2002-03-14	yes
TS	26.177	Speech Enabled Services (SES); DSR extended advanced front-end test sequences	S4	Yes	- -	
TS	26.190	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions	S4	Yes	2002-03-14	yes
TS	26.191	AMR speech codec, wideband; Error concealment of lost frames	S4	Yes	2002-03-14	yes
TS	26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects	S4	Yes	2002-03-14	yes
TS	26.193	AMR speech codec, wideband; Source Controlled Rate operation	S4	Yes	2002-03-14	yes
TS	26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)	S4	Yes	2002-03-14	yes
TS	26.201	AMR speech codec, wideband; Frame structure	S4	Yes	2002-03-14	yes
TS	26.202	AMR speech codec, wideband; Interface to Iu and Uu	S4	Yes	2002-03-14	yes
TS	26.204	ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec	S4	Yes	2002-03-14	yes
TS	26.226	Global text telephony (GTT);Transport of text in the voice channel	S4	Yes	2002-03-14	yes
TS	26.230	Global text telephony (GTT); Cellular text telephone modem transmitter C-code description	S4	Yes	2002-03-14	yes

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TS	26.231	Global text telephony (GTT); Cellular text telephone modem minimum performance requirements	S4	Yes	2002-03-14	yes
TS	26.233	End-to-end transparent streaming service; General description	S4	Yes	2002-03-14	yes
TS	26.234	Transparent end-to-end streaming service; Protocols and codecs	S4	Yes	2002-03-14	yes
TS	26.235	Packet switched conversational multimedia applications; Default codecs	S4	Yes	2002-03-14	yes
TS	26.236	Packet switched conversational multimedia applications; Transport protocols	S4	Yes	2002-03-14	yes
TS	26.243	ANSI C code for the fixed-point distributed speech recognition extended advanced front-end	S4	Yes	-	-
TS	26.244	Transparent end-to-end streaming service; 3GPP file format (3GP)	S4	Yes	-	-
TS	26.245	Transparent end-to-end Packet witched Streaming Service (PS); Timed text format	S4	Yes	-	-
TS	26.246	Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile	S4	Yes	-	-
TS	26.273	Fixed-point ANSI-C code for the Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec	S4	Yes	-	-
TS	26.290	Audio codec processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Transcoding functions	S4	Yes	-	-
TS	26.304	Floating--point ANSI-C code for the Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec	S4	Yes	-	-
TS	26.346	Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs	S4	Yes	-	-
TS	26.401	General audio codec audio processing functions; Enhanced aacPlus general audio codec; General description	S4	Yes	-	-
TS	26.402	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Additional decoder tools	S4	Yes	-	-
TS	26.403	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Advanced Audio Coding (AAC) part	S4	Yes	-	-
TS	26.404	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Spectral Band Replication (SBR) part	S4	Yes	-	-
TS	26.405	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Parametric stereo part	S4	Yes	-	-
TS	26.406	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Compliance testing	S4	Yes	-	-
TS	26.410	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Floating-point ANSI-C code	S4	Yes	-	-
TS	26.411	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Fixed-point ANSI-C code	S4	Yes	-	-
TS	26.412	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Source code for 3GP file format	S4	Yes	-	-
TR	26.911	Codec for Circuit switched Multimedia Telephony Service;Terminal Implementorís Guide	S4	Yes	2002-06-13	yes
TR	26.935	Packet Switched (PS) conversational multimedia applications; Performance characterization of default codecs	S4	Yes	-	-
TR	26.937	Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model	S4	Yes	2002-03-14	yes
TR	26.943	Recognition performance evaluations of codecs for Speech Enabled Services (SES)	S4	Yes	-	-
TR	26.946	Multimedia Broadcast/Multicast Service (MBMS) user service guidelines	S4	Yes	-	-
TR	26.975	Performance characterization of the Adaptive Multi-Rate	S4	Yes	2002-06-13	yes

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		(AMR) speech codec				
TR	26.976	Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec	S4	Yes	2002-06-07	yes
TR	26.978	Results of the AMR noise suppression selection phase	S4	Yes	-	-
TS	27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes	2002-03-08	yes
TS	27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	Yes	2002-03-08	yes
TS	27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3	Yes	2002-03-08	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	2002-03-08	yes
TS	27.007	AT command set for 3G User Equipment (UE)	T2	Yes	2002-03-08	yes
TS	27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	T2	Yes	2002-03-08	yes
TS	27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	N3	Yes	2002-03-08	yes
TS	27.103	Wide Area Network Synchronization	T2	Yes	2002-03-08	yes
TR	27.901	Report on Terminal Interfaces - An Overview	T2	Yes	2002-03-08	yes
TS	28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3	S4	Yes	2002-03-14	yes
TS	29.002	Mobile Application Part (MAP) specification	N4	Yes	2002-03-08	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	2002-03-08	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	2002-03-08	yes
TS	29.011	Signalling Interworking for Supplementary Services	N4	Yes	2002-03-08	yes
TS	29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	Yes	2002-03-08	yes
TS	29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	N1	Yes	2002-03-08	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	2002-03-08	yes
TS	29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	N4	Yes	2002-03-08	yes
TS	29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)	N3	Yes	2002-09-06	yes
TS	29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification	N4	Yes	2002-06-07	yes
TS	29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface	R3	Yes	2002-03-08	yes
TS	29.109	Generic Authentication Architecture (GAA); Zh and Zn Interfaces based on the Diameter protocol; Stage 3	N4	Yes	-	-
TS	29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	N4	Yes	2002-03-08	yes
TS	29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3	N4	Yes	2002-03-08	yes
TS	29.140	Multimedia Messaging Service (MMS); MM10 interface based	T2	Yes	-	-

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		on Diameter protocol: Stage 3				
TS	29.161	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services with Wireless Local Area Network (WLAN) access and Packet data Networks (PDNs)	N3	Yes	-	-
TS	29.162	Interworking between the IM CN subsystem and IP networks	N3	Yes	-	-
TS	29.163	Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks	N3	Yes	-	-
TS	29.198-01	Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview	N5	Yes	2002-03-08	yes
TS	29.198-02	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data	N5	Yes	2002-03-08	yes
TS	29.198-03	Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework	N5	Yes	2002-06-07	yes
TS	29.198-04-1	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions	N5	Yes	2002-06-07	yes
TS	29.198-04-2	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control data Service Capability Feature (SCF)	N5	Yes	2002-06-07	yes
TS	29.198-04-3	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF)	N5	Yes	2002-06-07	yes
TS	29.198-04-4	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF)	N5	Yes	2002-06-07	yes
TS	29.198-05	Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction	N5	Yes	2002-03-08	yes
TS	29.198-06	Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility	N5	Yes	2002-03-08	yes
TS	29.198-07	Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities	N5	Yes	2002-03-08	yes
TS	29.198-08	Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control	N5	Yes	2002-03-08	yes
TS	29.198-11	Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management	N5	Yes	2002-03-08	yes
TS	29.198-12	Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging	N5	Yes	2002-06-07	yes
TS	29.198-13	Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF	N5	Yes	2002-06-07	yes
TS	29.198-14	Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM)	N5	Yes	2002-06-07	yes
TS	29.198-15	Open Service Access (OSA) Application Programming Interface (API); Part 15: Multi-media Messaging (MM) Service Capability Feature (SCF)	N5	Yes	-	-
TS	29.199-01	Open Service Access (OSA); Parlay X web services; Part 1: Common	N5	Yes	-	-
TS	29.199-02	Open Service Access (OSA); Parlay X web services; Part 2: Third party call	N5	Yes	-	-
TS	29.199-03	Open Service Access (OSA); Parlay X web services; Part 3: Call notification	N5	Yes	-	-
TS	29.199-04	Open Service Access (OSA); Parlay X web services; Part 4: Short messaging	N5	Yes	-	-
TS	29.199-05	Open Service Access (OSA); Parlay X web services; Part 5: Multimedia messaging	N5	Yes	-	-
TS	29.199-06	Open Service Access (OSA); Parlay X web services; Part 6: Payment	N5	Yes	-	-

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TS	29.199-07	Open Service Access (OSA); Parlay X web services; Part 7: Account management	N5	Yes		-
TS	29.199-08	Open Service Access (OSA); Parlay X web services; Part 8: User status	N5	Yes		-
TS	29.199-09	Open Service Access (OSA); Parlay X web services; Part 9: Terminal location	N5	Yes		-
TS	29.199-10	Open Service Access (OSA); Parlay X web services; Part 10: Call handling	N5	Yes		-
TS	29.199-11	Open Service Access (OSA); Parlay X web services; Part 11: Audio call	N5	Yes		-
TS	29.199-12	Open Service Access (OSA); Parlay X web services; Part 12: Multimedia conference	N5	Yes		-
TS	29.199-13	Open Service Access (OSA); Parlay X web services; Part 13: Address list management	N5	Yes		-
TS	29.199-14	Open Service Access (OSA); Parlay X web services; Part 14: Presence	N5	Yes		-
TS	29.200	Signalling System No. 7; Mobile Application Part (MAP); Security signalling flows for the Ze interface	N4	Yes		-
TS	29.202	Signalling System No. 7 (SS7) signalling transport in core network; Stage 3	N4	Yes	2002-03-08	yes
TS	29.205	Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3	N4	Yes	2002-03-08	yes
TS	29.207	Policy control over Go interface	N3	Yes	2002-06-07	yes
TS	29.208	End to end Quality of Service (QoS) signalling flows	N3	Yes	2002-06-07	yes
TS	29.209	Policy control over Gq interface	N3	Yes		-
TS	29.210	Charging rule provisioning over Gx interface	N3	Yes		-
TS	29.211	Rx interface for Flow Based Charging (FBC)	N3	Yes		-
TS	29.228	IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents	N4	Yes	2002-06-07	yes
TS	29.229	Cx and Dx interfaces based on the Diameter protocol; Protocol details	N4	Yes	2002-06-07	yes
TS	29.230	Diameter applications; 3GPP specific codes and identifiers	N4	Yes		-
TS	29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3	N4	Yes	2002-03-08	yes
TS	29.234	3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3	N4	Yes		-
TS	29.240	Generic User Profile (GUP); Stage 3; Network	N4	Yes		-
TS	29.278	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)	N4	Yes	2002-12-06	yes
TS	29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents	N4	Yes	2002-06-07	yes
TS	29.329	Sh interface based on the Diameter protocol	N4	Yes	2002-06-07	yes
TS	29.332	Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mn interface; Stage 3	N4	Yes		-
TS	29.333	Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3	N4	Yes		-
TS	29.414	Core network Nb data transport and transport signalling	N3	Yes	2002-03-08	yes
TS	29.415	Core network Nb interface user plane protocols	N3	Yes	2002-03-08	yes
TR	29.846	Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description	N1	No		-
TR	29.847	Conferencing based on SIP, SDP, and other protocols; Functional models, information flows and protocol details	N1	Yes		-
TR	29.903	Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)	N4	Yes	2002-03-08	yes

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TR	29.962	Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage	N3	Yes	-	-
TR	29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults	N1	Yes	2002-03-14	yes
TR	29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General issues on Application Programme Interface (API) mapping	N5	Yes	2002-03-08	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	2002-03-08	yes
TR	29.998-04-4	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control ISC	N5	Yes	2002-06-07	yes
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	2002-03-08	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	2002-03-08	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	2002-03-08	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	2002-03-08	yes
TR	30.531	Work Plan and Study Items - RAN WG3	R3	No	-	-
TR	30.902	Guidelines for the modification of the Mobile Application Part (MAP)	N4	No	2003-03-14	yes
TS	31.048	Security mechanisms for the (U)SIM application toolkit; Test specification	T3	Yes	2003-09-19	yes
TS	31.101	UICC-terminal interface; Physical and logical characteristics	T3	Yes	2002-09-06	yes
TS	31.102	Characteristics of the USIM application	T3	Yes	2002-03-08	yes
TS	31.103	Characteristics of the IP Multimedia Services Identity Module (ISIM) application	T3	Yes	2002-06-07	yes
TS	31.111	Universal Subscriber Identity Module Application Toolkit (USAT)	T3	Yes	2002-03-08	yes
TS	31.112	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2	T3	Yes	2002-03-08	yes
TS	31.113	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes	T3	Yes	2002-03-08	yes
TS	31.114	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration	T3	Yes	2002-03-08	yes
TS	31.115	Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications	T3	Yes	-	-
TS	31.116	Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications	T3	Yes	-	-
TS	31.120	UICC-terminal interface; Physical, electrical and logical test specification	T3	Yes	-	-
TS	31.121	UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification	T3	Yes		
TS	31.122	Universal Subscriber Identity Module (USIM) conformance test specification	T3	Yes	-	-
TS	31.124	Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification	T3	Yes	-	-
TS	31.130	(U)SIM Application Programming Interface API; (U)SIM API for	T3	Yes	-	-

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
		Java Card(TM)				
TS	31.131	C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API	T3	Yes	–	–
TS	31.213	Test Specification for (U)SIM API for Java(TM) Card	T3	Yes	–	–
TR	31.900	SIM/USIM internal and external interworking aspects	T3	Yes	2002-03-14	yes
TR	31.919	2G/3G Java Card(TM) Application Programming Interface (API) based applet interworking	T3	Yes	–	–
TS	32.101	Telecommunication management; Principles and high level requirements	S5	Yes	2002-03-14	yes
TS	32.102	Telecommunication management; Architecture	S5	Yes	2002-03-14	yes
TS	32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements	S5	Yes	2002-03-14	yes
TS	32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-03-14	yes
TS	32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-03-14	yes
TS	32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-03-14	yes
TS	32.111-5	Telecommunication management; Fault Management; Part 5: Alarm Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions	S5	Yes	–	–
TS	32.140	Telecommunication management; Subscription Management (SuM) requirements	S5	Yes	–	–
TS	32.141	Telecommunication management; Subscription Management (SuM) architecture	S5	Yes	–	–
TS	32.150	Telecommunication management; Integration Reference Point (IRP) Concept and definitions	S5	Yes	–	–
TS	32.151	Telecommunication management; Integration Reference Point (IRP) Information Service (IS) template	S5	Yes	–	–
TS	32.152	Telecommunication management; Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire	S5	Yes	–	–
TS	32.171	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements	S5	Yes	–	–
TS	32.172	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)	S5	Yes	–	–
TS	32.173	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	–	–
TS	32.175	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions	S5	Yes	–	–
TS	32.240	Telecommunication management; Charging management; Charging architecture and principles	S5	Yes	–	–

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Deleted: 32.200
Deleted: Telecommunication management; Charging management; Charging principles
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Deleted: Yes
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Deleted: yes
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Deleted: 32.205
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Deleted: S5
Deleted: Yes
Deleted: 2002-03-14
Deleted: yes
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Deleted: 32.215
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Deleted: S5
Deleted: Yes
Deleted: 2002-03-14
Deleted: yes
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Deleted: S5
Deleted: Yes
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Deleted: yes
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Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TS	32.250	Telecommunication management; Charging management; Circuit Switched (CS) domain charging	S5	Yes		- -
TS	32.251	Telecommunication management; Charging management; Packet Switched (PS) domain charging	S5	No		- -
TS	32.252	Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging	S5	Yes		- -
TS	32.260	Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging	S5	Yes		- -
TS	32.270	Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging	S5	Yes		- -
TS	32.271	Telecommunication management; Charging management; Location Services (LCS) charging	S5	Yes		- -
TS	32.272	Telecommunication management; Charging management; Push-to-talk over Cellular (PoC) charging	S5	Yes		- -
TS	32.273	Telecommunication management; Charging management; Multimedia Broadcast and Multicast Service (MBMS) charging	S5	Yes		- -
TS	32.295	Telecommunication management; Charging management; Charging Data Record (CDR) transfer	S5	Yes		- -
TS	32.296	Telecommunication management; Charging management; Online Charging System (OCS): Applications and interfaces	S5	Yes		- -
TS	32.297	Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer	S5	Yes		- -
TS	32.298	Telecommunication management; Charging management; Charging Data Record (CDR) parameter description	S5	Yes		- -
TS	32.299	Telecommunication management; Charging management; Diameter charging applications	S5	Yes		- -
TS	32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects	S5	Yes	2002-09-12	yes
TS	32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements	S5	Yes	2002-03-14	yes
TS	32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-03-14	yes
TS	32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-03-14	yes
TS	32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-03-14	yes
TS	32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	S5	Yes	2002-03-14	yes
TS	32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)	S5	Yes	2002-03-14	yes
TS	32.313	Telecommunication management; Generic Integration Reference Point (IRP) management; Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes		- -
TS	32.314	Telecommunication management; Generic Integration Reference Point (IRP) management; Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes		- -
TS	32.321	Telecommunication management; Test management Integration Reference Point (IRP): Requirements	S5	Yes	2002-03-14	yes
TS	32.322	Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-09-12	yes
TS	32.323	Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request	S5	Yes	2002-09-12	yes

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Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
		Broker Architecture (CORBA) Solution Set (SS)				
TS	32.324	Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.331	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Requirements	S5	Yes		--
TS	32.332	Telecommunication management; Notification Log (NL) (NL) Integration Reference Point (IRP): Information Service (IS)	S5	Yes		--
TS	32.333	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes		--
TS	32.334	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes		--
TS	32.335	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions	S5	Yes		--
TS	32.341	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Requirements	S5	Yes		--
TS	32.342	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Information Service (IS)	S5	Yes		--
TS	32.343	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes		--
TS	32.344	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes		--
TS	32.351	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Requirements	S5	Yes		--
TS	32.352	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Information Service (IS)	S5	Yes		--
TS	32.353	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes		--
TS	32.354	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes		--
TS	32.361	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Requirements	S5	Yes		--
TS	32.362	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Information Service (IS)	S5	Yes		--
TS	32.363	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes		--
TS	32.364	Telecommunication Management; Entry Point (EP) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes		--
TS	32.371	Telecommunication management; Security Management concept and requirements	S5	Yes		--
TS	32.372	Telecommunication management; Security Management Integration Reference Point (IRP): Information Service (IS)	S5	Yes		--
TS	32.373	Telecommunication management; Security Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes		--
TS	32.374	Telecommunication management; Security Management	S5	Yes		--

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
		Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)				
TS	32.401	Telecommunication management; Performance Management (PM); Concept and requirements	S5	Yes	2002-03-14	yes
TS	32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM	S5	Yes	2002-03-14	yes
TS	32.411	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements	S5	Yes		--
TS	32.412	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information Service (IS)	S5	Yes		--
TS	32.413	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes		--
TS	32.414	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes		--
TS	32.421	Telecommunication management; Subscriber and equipment trace; Trace concepts and requirements	S5	Yes		--
TS	32.422	Telecommunication management; Subscriber and equipment trace; Trace control and Configuration Management (CM)	S5	Yes		--
TS	32.423	Telecommunication management; Subscriber and equipment trace; Trace data definition and management	S5	Yes		--
TS	32.432	Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Information Service (IS)	S5	Yes		--
TS	32.435	Telecommunications management; Performance measurement: eXtensible Markup Language (XML) file format definition	S5	Yes		--
TS	32.436	Telecommunications management; Performance measurement: Abstract Syntax Notation 1 (ASN.1) file format definition	S5	Yes		--
TS	32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements	S5	Yes	2002-09-12	yes
TS	32.601	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements	S5	Yes	2002-09-12	yes
TS	32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information Service (SS)	S5	Yes	2002-09-12	yes
TS	32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements	S5	Yes	2002-06-13	yes
TS	32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-09-12	yes
TS	32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes

Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TS	32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.615	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition	S5	Yes	2002-06-13	yes
TS	32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements	S5	Yes	2002-09-12	yes
TS	32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
TS	32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	2002-03-14	yes
TS	32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements	S5	Yes	2002-06-13	yes
TS	32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
TS	32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set	S5	Yes	2002-09-12	yes
TS	32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set	S5	Yes	2002-09-12	yes
TS	32.635	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	2002-06-13	yes
TS	32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Requirements	S5	Yes	2002-09-12	yes
TS	32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
TS	32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.645	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	2002-06-13	yes

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Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
TS	32.655	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	2002-06-13	yes
TS	32.661	Telecommunication management; Configuration Management (CM); Kernel CM; Requirements	S5	Yes	2002-09-12	yes
TS	32.662	Telecommunication management; Configuration Management (CM); Kernel CM; Information service (IS)	S5	Yes	2002-12-12	yes
TS	32.663	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-09-12	yes
TS	32.664	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-12-12	yes
TS	32.671	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements	S5	Yes	2002-03-14	yes
TS	32.672	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information Service (IS)	S5	Yes	2002-03-14	yes
TS	32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	2002-03-14	yes
TS	32.674	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	2002-03-14	yes
TS	32.675	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes		-
TS	32.681	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements	S5	Yes		-
TS	32.682	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Information Service (IS)	S5	Yes		-
TS	32.683	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes		-
TS	32.684	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes		-
TS	32.690	Telecommunication management; Inventory Management (IM): Requirements	S5	Yes		-
TS	32.691	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements	S5	Yes	2002-09-12	yes
TS	32.692	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5	Yes	2002-09-12	yes
TS	32.695	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Bulk Configuration Management (CM) eXtensible Markup Language (XML) file format definition	S5	Yes		-
TS	32.711	Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements	S5	Yes		-
TS	32.712	Telecommunication management; Configuration Management	S5	Yes		-

Type	Number	Title	WG prime	For pub- lication?	freeze date	frozen
		(CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)				
TS	32.713	Telecommunication management; Configuration Management (CM): Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	-	-
TS	32.714	Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	-	-
TS	32.715	Telecommunication management; Configuration Management (CM) Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	-	-
TS	32.741	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP): Requirements	S5	Yes	-	-
TS	32.742	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)	S5	Yes	-	-
TS	32.743	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5	Yes	-	-
TS	32.744	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5	Yes	-	-
TS	32.745	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5	Yes	-	-
TR	32.803	Telecommunication management; Process guide; Use cases in Unified Modelling Language (UML)	S5	No	-	-
TR	32.804	Telecommunication management; Control of Remote Electrical Tilting (RET) antennas; Requirements	S5	No	-	-
TR	32.815	Telecommunication management; Charging management; Online Charging System (OCS) architecture study	S5	No	-	-
TS	33.102	3G security; Security architecture	S3	Yes	2002-03-14	yes
TS	33.105	Cryptographic algorithm requirements	S3	Yes	2004-06-10	yes
TS	33.106	Lawful interception requirements	S3	Yes	2002-03-14	yes
TS	33.107	3G security; Lawful interception architecture and functions	S3	Yes	2002-03-14	yes
TS	33.108	3G security; Handover interface for Lawful Interception (LI)	S3	Yes	2002-06-13	yes
TS	33.141	Presence service; Security	S3	Yes		-
TS	33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security	S3	Yes	2002-03-14	yes
TS	33.201	Access domain security	S3	Yes	2002-03-14	yes
TS	33.203	3G security; Access security for IP-based services	S3	Yes	2002-03-14	yes
TS	33.210	3G security; Network Domain Security (NDS); IP network layer	S3	Yes	2002-03-14	yes

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Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
		security				
TS	33.220	Generic Authentication Architecture (GAA); Generic bootstrapping architecture	S3	Yes	-	-
TS	33.221	Generic Authentication Architecture (GAA); Support for subscriber certificates	S3	Yes	-	-
TS	33.222	Generic Authentication Architecture (GAA): Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS)	S3	Yes	-	-
TS	33.234	3G security: Wireless Local Area Network (WLAN) interworking security	S3	Yes	-	-
TS	33.246	3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)	S3	No	-	-
TS	33.310	Network domain security; Authentication framework (NDS/AF)	S3	Yes	-	-
TR	33.810	3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution	S3	No	-	-
TR	33.817	Feasibility study on (Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces	S3	No	-	-
TR	33.878	Security aspects of early IMS	S3	No	-	-
TR	33.919	Generic Authentication Architecture (GAA); System description	S3	Yes	-	-
TR	33.941	Presence service; Security	S3	Yes	-	-
TS	34.108	Common test environments for User Equipment (UE) conformance testing	T1	Yes		
TS	34.109	Terminal logical test interface; Special conformance testing functions	R2	Yes	2002-03-08	yes
TS	34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)	T1	Yes	2003-06-06	yes
TS	34.122	Terminal conformance specification, Radio transmission and reception (TDD)	T1	Yes		
TS	34.123-1	User Equipment (UE) conformance specification; Part 1: Protocol conformance specification	T1	Yes	2002-06-07	yes
TS	34.123-2	User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification	T1	Yes	2002-06-07	yes
TS	34.123-3	User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSs)	T1	Yes	-	-
TS	34.124	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment	R4	Yes	2002-03-08	yes
TS	34.131	Test specification for C-language binding for (U)SIM API	T3	Yes	-	-
TS	34.171	Terminal conformance specification; Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)	T1	Yes	-	-
TR	34.902	Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests	T1	Yes	2003-12-12	yes
TR	34.926	Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment	R4	Yes	2002-03-08	yes
TS	35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications	S3	Yes	2002-03-14	yes
TS	35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification	S3	Yes	2002-03-14	yes
TS	35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data	S3	Yes	2002-03-14	yes
TS	35.204	Specification of the 3GPP confidentiality and integrity	S3	Yes	2002-03-14	yes

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Deleted: 33.903

Deleted: Access Security for IP based services

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Deleted: Yes

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Type	Number	Title	WG prime	For pub-lication?	freeze date	frozen
		algorithms; Document 4: Design conformance test data				
TS	35.205	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 1: General	S3	Yes	2002-03-14	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	2002-03-14	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: Implementorsí test data	S3	Yes	2002-03-14	yes
TS	35.208	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 4: Design conformance test data	S3	Yes	2002-03-14	yes
TR	35.909	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 5: Summary and results of design and evaluation	S3	Yes	2002-03-14	yes
TS	51.010-5	Mobile Station (MS) conformance specification; Part 5: GERAN / UTRAN interaction Abstract Test Suite (ATS)	G3new	Yes		

3GPP

Page 1: [1] Comment [H3]   **Explanation of field**   **2004-12-08 2004-12-08 17:35**

Enter the CR number here. This number is allocated by the 3GPP support team.   It consists of at least three digits, padded with leading zeros if necessary.

Page 1: [2] Comment [H5]   **Explanation of field**   **2004-12-08 2004-12-08 17:35**

Enter the version of the specification here. This number is the version of the specification to which the CR will be applied if it is approved. Make sure that the latest version of the specification (of the relevant release) is used when creating the CR. If unsure what the latest version is, go to http://www.3gpp.org/specs/specs.htm.

Page 1: [3] Comment [H6]   **Explanation of field**   **2004-12-08 2004-12-08 17:35**

For help on how to fill out a field, place the mouse pointer over the special symbol closest to the field in question.

Page 1: [4] Comment [H9]   **Explanation of field**   **2004-12-08 2004-12-08 17:35**

Enter a concise description of the subject matter of the CR. It should be no longer than one line.   Do not use redundant information such as "Change Request number xxx to 3GPP TS xx.xxx".

Page 1: [5] Comment [H10]   **Explanation of field**   **2004-12-08 2004-12-08 17:35**

Enter the source of the CR. This is either (a) one or several companies or, (b) if a (sub)working group has already reviewed and agreed the CR, then list the group as the source.

Page 1: [6] Comment [H11]   **Explanation of field**   **2004-12-08 2004-12-08 17:35**

Enter the acronym for the work item which is applicable to the change. This field is mandatory for category F, B & C CRs for release 4 and later. A list of work item acronyms can be found in the 3GPP work plan. See http://www.3gpp.org/ftp/information/work_plan/ .
The list is also included in a MS Excel file included in the zip file containing the CR cover sheet template.

Page 1: [7] Comment [H12]   **Explanation of field**   **2004-12-08 2004-12-08 17:35**

Enter the date on which the CR was last revised.   Format to be interpretable by English version of MS Windows Æ applications, e.g. 19/02/2002.

Page 1: [8] Comment [H13]   **Explanation of field**   **2004-12-08 2004-12-08 17:35**

Enter a single letter corresponding to the most appropriate category listed below. For more detailed help on interpreting these categories, see the Technical Report 21.900 "TSG working methods".

Page 1: [9] Comment [H16]   **Explanation of field**   **2004-12-08 2004-12-08 21:11**

Enter text which describes the most important components of the change. i.e. How the change is made.

Page 1: [10] Comment [H17]   **Explanation of field**   **2004-12-08 2004-12-08 17:35**

Enter here the consequences if this CR was to be rejected. It is necessary to complete this section only if the CR is of category "F" (i.e. correction).

Page 1: [11] Comment [H19]   **Explanation of field**   **2004-12-08 2004-12-08 17:35**

Tick "yes" box if any other specifications are affected by this change.   Else tick "no".   You MUST fill in one or the other.

Page 1: [12] Comment [H21]   **Explanation of field**   **2004-12-08 2004-12-08 17:35**

Enter any other information which may be needed by the group being requested to approve the CR. This could include special conditions for it's approval which are not listed anywhere else above.

Page 9: [13] Deleted	John Meredith	2004-12-08 2004-12-08 20:40
Node B synchronization for 1,28 Mcps TDD		

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Enhancement on the DSCH Hard Split mode		

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TR		

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25.875		

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NAS node selector function		

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R3		

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No		

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25.877		

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High Speed Downlink Packet Access (HSDPA) - Iub/Iur Protocol Aspects		

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R3		

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yes		

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25.878		

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RL timing adjustment		

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No		

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		2002-03-08

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Separation of resource reservation and radio link activation		
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25.880		
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Re-arrangement of Iub transport bearers		
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yes		
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25.881		
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Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS		
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25.882		
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1,28 Mcps TDD option base station classification		
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R4		
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25.883		

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Direct Transport Bearers Between SRNC and Node-B		

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R3		

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No		

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25.933		

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IP transport in UTRAN		

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R3		

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Yes		

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		2002-03-08

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TR		

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25.945		

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RF requirements for low chip rate TDD option		

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R4		

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Yes		

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		2002-03-08

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yes		

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TR		

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25.952		

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Base Station classification (TDD)		

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R4

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Yes

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2002-03-08

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yes

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25.991

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Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment

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R4

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Yes

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2002-03-08

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yes

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Telecommunication management; Charging management; Charging data description for application services