3GPP TSG-CN	*Tdoc NP-030468*
3GPP TSG-RAN	*Tdoc RP-030640*
3GPP TSG-T	*Tdoc TP-030272*
3GPP TSG-SA	*Tdoc SP-030576*
Meeting #22, Hawaii (USA), December 2003	

Source:	**3GPP Specifications Manager, MCC**
	mailto:john.meredith@etsi.org
Title:	**List of Release 5 Specs not yet upgraded to Release 6**
Document for:	information

The following tables show those 3GPP Specifications which exist at Release 5 but which have not yet been upgraded to Release 6. (They have not been upgraded to Release 6 because no additional functionality compared with Release 5 has yet been identified.) TSG Chairmen are reminded that every valid Spec must exist in each Release. If no Release N version of a Spec exists, then that Spec is not valid for Release N and is not considered to form part of the set of Specs for Release N (listed in that Release's version of TS 21.101 or 41.101).

No immediate decision is required, but TSG Chairmen are asked to note the Specs within their responsibility and to ensure that the Specifications Manager is explicitly instructed to cause a technically identical upgrade of these Specs to be created once Release 6 has been functionally frozen, some time in 2004.

Two versions of the list are presented:

- Table 1 shows the list ordered by Specification.

- Table 2 shows the list ordered by TSG / WG, then by Specification.

Delegates are reminded that a comprehensive list of 3GPP Specs in each Release, together with their latest versions, can be found on the 3GPP web site at http://www.3gpp.org/ftp/Specs/html-info/SpecReleaseMatrix.htm.

The number of Specs at the time of preparation of the present contribution (2003-11-25) in this condition is 466.

Table 1: Ordered by Spec number

Spec	Title	WG	vRel-5
21.101	Technical Specifications and Technical Reports for a UTRAN-based 3GPP system	SP	5.4.0
21.111	USIM and IC card requirements	T3	5.1.0
21.801	Specification drafting rules	SP	5.0.2
22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1	5.0.0
22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)	S1	5.0.0
22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	S1	5.2.0
22.004	General on supplementary services	S1	5.0.0
22.016	International Mobile Equipment Identities (IMEI)	S1	5.0.0
22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3	5.0.0
22.024	Description of Charge Advice Information (CAI)	S1	5.0.0
22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	S1	5.0.0
22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3	5.0.0
22.032	Immediate Service Termination (IST); Service description; Stage 1	S3	5.0.0
22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	5.0.0
22.042	Network Identity and Time Zone (NITZ) service description; Stage 1	S1	5.1.0
22.048	Security mechanisms for the (U)SIM application toolkit; Stage 1	T3	5.0.0
22.053	Tandem Free Operation (TFO); Service description; Stage 1	S4	5.0.0
22.057	Mobile Execution Environment (MExE) service description; Stage 1	S1	5.4.0
22.072	Call Deflection (CD); Stage 1	S1	5.0.0

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22.076	Noise suppression for the AMR codec; Service description; Stage 1	S4	5.0.0
22.079	Support of optimal routeing; Stage 1	S1	5.0.0
22.081	Line Identification supplementary services; Stage 1	S1	5.0.0
22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1	5.0.0
22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1	S1	5.0.0
22.084	MultiParty (MPTY) supplementary service; Stage 1	S1	5.0.0
22.085	Closed User Group (CUG) supplementary services; Stage 1	S1	5.0.0
22.086	Advice of Charge (AoC) supplementary services; Stage 1	S1	5.0.0
22.087	User-to-user signalling (UUS); Stage 1	S1	5.0.0
22.088	Call Barring (CB) supplementary services; Stage 1	S1	5.0.0
22.090	Unstructured Supplementary Service Data (USSD); Stage 1	S1	5.0.0
22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1	5.0.0
22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	S1	5.0.0
22.094	Follow Me service description - Stage 1	S1	5.0.0
22.096	Name identification supplementary services; Stage 1	S1	5.0.0
22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	S1	5.0.0
22.112	USIM toolkit interpreter; Stage 1	T3	5.0.0
22.121	Service aspects; The Virtual Home Environment; Stage 1	S1	5.3.1
22.135	Multicall; Service description; Stage 1	S1	5.0.0
22.226	Global text telephony (GTT); Stage 1: Service description	S1	5.2.0
22.944	Service requirements for UE functionality split	S1	5.1.0
23.007	Restoration procedures	N4	5.0.0
23.008	Organisation of subscriber data	N4	5.6.0
23.009	Handover procedures	N1	5.6.0
23.012	Location management procedures	N4	5.2.0
23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1	5.1.0
23.015	Technical realization of Operator Determined Barring (ODB)	N4	5.0.0
23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3	5.0.0
23.032	Universal Geographical Area Description (GAD)	S2	5.0.0
23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	5.2.0
23.035	Immediate Service Termination (IST); Stage 2	S3	5.1.0
23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Service Entities (SMEs)	T2	5.0.0
23.042	Compression algorithm for SMS	T2	5.0.0
23.048	Security mechanisms for the (U)SIM application toolkit; Stage 2	T3	5.7.0
23.053	Tandem Free Operation (TFO); Service description; Stage 2	S4	5.0.0
23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4	5.2.0
23.072	Call Deflection Supplementary Service; Stage 2	N4	5.0.0
23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2	N2	5.5.1
23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2	N4	5.3.0
23.081	Line Identification supplementary services; Stage 2	N4	5.2.0
23.082	Call Forwarding (CF) Supplementary Services; Stage 2	N4	5.0.0
23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	N4	5.1.0
23.084	MultiParty (MPTY) Supplementary Service; Stage 2	N4	5.0.0
23.085	Closed User Group (CUG) Supplementary Service; Stage 2	N4	5.0.0
23.086	Advice of Charge (AoC) Supplementary Service; Stage 2	N4	5.0.0
23.087	User-to-User Signalling (UUS) supplementary service; Stage 2	N4	5.0.0
23.090	Unstructured Supplementary Service Data (USSD); Stage 2	N4	5.0.0
23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	5.1.0
23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	N4	5.0.0
23.094	Follow Me Stage 2	N4	5.0.1
23.096	Name Identification Supplementary Service; Stage 2	N4	5.0.0
23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2	N4	5.0.0
23.107	Quality of Service (QoS) concept and architecture	S2	5.10.0
23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)	N1	5.0.0
23.110	UMTS Access Stratum Services and Functions	S2	5.0.0
23.116	Super-Charger technical realization; Stage 2	N4	5.0.0
23.119	Gateway Location Register (GLR); Stage2	N4	5.0.0
23.121	Architectural requirements for Release 1999	S2	5.0.0
23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	N1	5.3.0
23.135	Multicall supplementary service; Stage 2	N4	5.0.0
23.146	Technical realization of facsimile Group 3 service - non-transparent	N3	5.0.0
23.153	Out of Band Transcoder Control; Stage 2	N4	5.6.0
23.172	Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2	N3	5.2.0
23.195	Provision of User Equipment Specific Behaviour Information (UESBI) to network entities	S2	5.1.0
23.205	Bearer-independent circuit-switched core network; Stage 2	N4	5.6.0
23.218	IP Multimedia (IM) session handling; IM call model; Stage 2	N1	5.6.0
23.226	Global text telephony (GTT); Stage 2: Architecture	S2	5.2.0
23.227	Application and user interaction in the UE; Principles and specific requirements	T2	5.1.0

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23.236	Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes	S2	5.2.0
23.278	customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2	N2	5.4.0
23.815	Charging implications of IMS architecture	S2	5.0.0
23.871	Enhanced support for user privacy in Location Services (LCS)	S2	5.0.0
23.875	Support of Push service	S2	5.1.0
23.908	Technical report on Pre-Paging	N4	5.0.0
23.909	Technical report on the Gateway Location Register	N4	5.0.0
23.910	Circuit switched data bearer services	N3	5.4.0
23.911	Technical report on Out-of-band transcoder control	N4	5.0.0
23.912	Technical report on Super-Charger	N4	5.0.0
24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1	5.1.1
24.007	Mobile radio interface signalling layer 3; General Aspects	N1	5.1.0
24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	5.0.0
24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	N3	5.4.0
24.030	Location Services (LCS); Supplementary service operations; Stage 3	N4	5.1.0
24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	5.0.0
24.072	Call Deflection Supplementary Service; Stage 3	N4	5.0.0
24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding	N4	5.4.0
24.081	Line Identification Supplementary Service; Stage 3	N4	5.0.0
24.082	Call Forwarding supplementary service; Stage 3	N4	5.0.0
24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3	N4	5.0.0
24.084	MultiParty (MPTY) Supplementary Service; Stage 3	N4	5.0.0
24.085	Closed User Group (CUG) Supplementary Service; Stage 3	N4	5.0.0
24.086	Advice of Charge (AoC) Supplementary Service; Stage 3	N4	5.0.0
24.087	User-to-User Signalling (UUS); Stage 3	N4	5.0.0
24.090	Unstructured Supplementary Service Data (USSD); Stage 3	N4	5.0.0
24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	5.0.0
24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	N4	5.0.0
24.096	Name Identification Supplementary Service; Stage 3	N4	5.0.0
24.135	Multicall supplementary service; Stage 3	N4	5.0.0
24.228	Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	N1	5.6.0
25.102	User Equipment (UE) radio transmission and reception (TDD)	R4	5.5.0
25.105	UTRA (BS) TDD: Radio transmission and reception	R4	5.4.0
25.106	UTRA repeater radio transmission and reception	R4	5.6.0
25.113	Base station and repeater electromagnetic compatibility (EMC)	R4	5.4.0
25.123	Requirements for support of radio resource management (TDD)	R4	5.6.0
25.142	Base Station (BS) conformance testing (TDD)	R4	5.5.0
25.143	UTRA repeater conformance testing	R4	5.6.0
25.201	Physical layer - general description	R1	5.2.0
25.211	Physical channels and mapping of transport channels onto physical channels (FDD)	R1	5.5.0
25.212	Multiplexing and channel coding (FDD)	R1	5.6.0
25.213	Spreading and modulation (FDD)	R1	5.4.0
25.214	Physical layer procedures (FDD)	R1	5.6.0
25.215	Physical layer; Measurements (FDD)	R1	5.5.0
25.221	Physical channels and mapping of transport channels onto physical channels (TDD)	R1	5.5.0
25.222	Multiplexing and channel coding (TDD)	R1	5.5.0
25.223	Spreading and modulation (TDD)	R1	5.3.0
25.224	Physical layer procedures (TDD)	R1	5.6.0
25.225	Physical layer; Measurements (TDD)	R1	5.5.0
25.301	Radio Interface Protocol Architecture	R2	5.2.0
25.302	Services provided by the physical layer	R2	5.6.0
25.303	Interlayer procedures in Connected Mode	R2	5.1.0
25.304	User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode	R2	5.3.0
25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2	R2	5.7.0
25.306	UE Radio Access capabilities definition	R2	5.6.0
25.307	Requirements on UEs supporting a release-independent frequency band	R2	5.0.0
25.308	UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2	R2	5.4.0
25.321	Medium Access Control (MAC) protocol specification	R2	5.6.0
25.322	Radio Link Control (RLC) protocol specification	R2	5.6.0
25.323	Packet Data Convergence Protocol (PDCP) specification	R2	5.2.0
25.324	Broadcast/Multicast Control (BMC)	R2	5.3.0
25.402	Synchronisation in UTRAN Stage 2	R3	5.2.0
25.410	UTRAN Iu Interface: General Aspects and Principles	R3	5.3.0
25.411	UTRAN Iu interface layer 1	R3	5.0.0
25.412	UTRAN Iu interface signalling transport	R3	5.1.0
25.413	UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling	R3	5.6.0

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25.414	UTRAN Iu interface data transport & transport signalling	R3	5.4.0
25.415	UTRAN Iu interface user plane protocols	R3	5.3.0
25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)	R3	5.5.0
25.420	UTRAN Iur Interface: General Aspects and Principles	R3	5.1.0
25.421	UTRAN Iur interface Layer 1	R3	5.0.0
25.422	UTRAN Iur interface signalling transport	R3	5.1.0
25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling	R3	5.7.0
25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams	R3	5.2.0
25.425	UTRAN Iur interface user plane protocols for CCH data streams	R3	5.5.0
25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams	R3	5.3.0
25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams	R3	5.2.0
25.430	UTRAN Iub Interface: General Aspects and Principles	R3	5.2.0
25.431	UTRAN Iub interface Layer 1	R3	5.0.0
25.432	UTRAN Iub interface: signalling transport	R3	5.1.0
25.433	UTRAN Iub interface NBAP signalling	R3	5.6.0
25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams	R3	5.2.0
25.435	UTRAN Iub interface user plane protocols for CCH data streams	R3	5.5.0
25.442	UTRAN implementation-specific O&M transport	R3	5.1.0
25.451	UTRAN Iupc interface layer 1	R3	5.0.1
25.854	Uplink Synchronous Transmission Scheme (USTS)	R1	5.0.0
25.858	Physical layer aspects of UTRA High Speed Downlink Packet Access	R1	5.0.0
25.859	User Equipment (UE) positioning enhancements for 1,28 Mcps TDD	R2	5.0.0
25.860	Radio acces bearer support enhancements	R2	5.0.0
25.867	Feasibility study for wideband distribution systems in 3rd generation networks	R4	1.0.0
25.868	Node B synchronization for 1,28 Mcps TDD	R1	5.0.1
25.870	Enhancement on the DSCH Hard Split mode	R1	5.0.0
25.875	NAS node selector function	R3	5.0.0
25.877	High Speed Downlink Packet Access (HSDPA) - Iub/Iur Protocol Aspects	R3	5.1.0
25.878	RL timing adjustment	R3	5.1.0
25.879	Separation of resource reservation and radio link activation	R3	5.0.0
25.880	Re-arrangement of Iub transport bearers	R3	5.0.0
25.881	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS	R3	5.0.0
25.882	1,28 Mcps TDD option base station classification	R4	5.0.0
25.883	Direct Transport Bearers Between SRNC and Node-B	R3	5.0.0
25.884	Iur Neighbouring cell reporting efficiency optimisation	R3	5.0.0
25.887	Beamforming	R1	1.0.0
25.890	High Speed Downlink Packet Access (HSDPA); User Equipment (UE) radio transmission and reception (FDD)	R4	1.0.0
25.921	Guidelines and principles for protocol description and error handling	R2	5.2.0
25.922	Radio Resource Management Strategies	R2	5.1.0
25.931	UTRAN Functions, examples on signalling procedures	R3	5.1.0
25.933	IP transport in UTRAN	R3	5.3.0
25.943	Deployment aspects	R4	5.1.0
25.945	RF requirements for low chip rate TDD option	R4	5.0.0
25.952	Base Station classification (TDD)	R4	5.2.0
25.956	UTRA repeater: Planning guidelines and system analysis	R4	5.0.0
25.991	Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment	R4	5.1.0
25.994	Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults	R2	0.0.0
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	0.0.1
26.071	AMR speech Codec; General description	S4	5.0.0
26.073	AMR speech Codec; C-source code	S4	5.2.0
26.074	AMR speech Codec; Test sequences	S4	5.0.0
26.077	Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder	S4	5.0.1
26.090	AMR speech Codec; Transcoding Functions	S4	5.0.0
26.091	AMR speech Codec; Error concealment of lost frames	S4	5.0.0
26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	S4	5.0.0
26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	S4	5.0.0
26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure	S4	5.0.0
26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu	S4	5.2.0
26.103	Speech codec list for GSM and UMTS	S4	5.4.0
26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec	S4	5.2.0
26.110	Codec for circuit switched multimedia telephony service; General description	S4	5.0.0
26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4	5.1.0
26.115	Echo control for speech and multi-media services	S4	5.0.0
26.131	Terminal acoustic characteristics for telephony; Requirements	S4	5.2.0

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26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification	S4	5.4.0
26.140	Multimedia Messaging Service (MMS); Media formats and codes	S4	5.2.0
26.171	AMR speech codec, wideband; General description	S4	5.0.0
26.173	ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec	S4	5.8.0
26.174	AMR speech codec, wideband; Test sequences	S4	5.4.0
26.190	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions	S4	5.1.0
26.191	AMR speech codec, wideband; Error concealment of lost frames	S4	5.1.0
26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects	S4	5.0.0
26.193	AMR speech codec, wideband; Source Controlled Rate operation	S4	5.0.0
26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)	S4	5.0.0
26.201	AMR speech codec, wideband; Frame structure	S4	5.0.0
26.202	AMR speech codec, wideband; Interface to Iu and Uu	S4	5.1.0
26.204	ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec	S4	5.2.0
26.226	Global text telephony (GTT);Transport of text in the voice channel	S4	5.0.0
26.230	Global text telephony (GTT); Cellular text telephone modem transmitter C-code description	S4	5.0.1
26.231	Global text telephony (GTT); Cellular text telephone modem minimum performance requirements	S4	5.2.0
26.233	End-to-end transparent streaming service; General description	S4	5.0.0
26.234	Transparent end-to-end streaming service; Protocols and codecs	S4	5.6.0
26.236	Packet switched conversational multimedia applications; Transport protocols	S4	5.4.0
26.911	Codec for Circuit switched Multimedia Telephony Service;Terminal Implementor's Guide	S4	5.1.0
26.937	Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model	S4	5.0.0
26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec	S4	5.0.0
26.976	Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec	S4	5.1.0
27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	5.7.0
27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	5.0.0
27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3	5.0.0
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	5.0.0
27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	T2	5.0.0
27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	N3	5.5.0
27.103	Wide Area Network Synchronization	T2	5.0.0
27.901	Report on Terminal Interfaces - An Overview	T2	5.0.0
28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3	S4	5.4.0
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	5.7.0
29.011	Signalling Interworking for Supplementary Services	N4	5.0.0
29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	5.0.0
29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	N1	5.0.0
29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	N1	5.5.0
29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)	N3	5.7.0
29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification	N2	5.5.0
29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface	R3	5.3.0
29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	N4	5.0.0
29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3	N4	5.0.0
29.162	Interworking between the IM CN subsystem and IP networks	N3	1.0.0
29.198-01	Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview	N5	5.3.0
29.198-02	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data	N5	5.4.0
29.198-03	Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework	N5	5.4.0
29.198-04	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call	N5	5.0.0

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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	5.4.0
29.198-05	Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction	N5	5.4.0
29.198-07	Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities	N5	5.4.0
29.198-08	Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control	N5	5.4.0
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