

**Source:** Ian Doig, 3GPP Support  
**Title:** Draft 3GPP Specifications status list April 1999  
**Document for:** Information  
**Agenda Item:**

The attached **first draft** status list gives the status of the 3GPP Specifications and Reports following TSG SA#3 April 1999.

An approved version will be annexed to the TSG SA#3 meeting report and posted on the 3GPP web site. The listed specifications should also be available on the 3GPP server.

Number	Ver at TSG#3	Title	planned V3	Frozen @	TSG/WG	Editor	Comment
21.111	3.0.0	USIM and IC card requirements			T3	Günter Maringer	
21.133	3.0.0	Security Threats and Requirements	April 99		S3	Per Christoffersson	
21.906	3.0.0	O&M requirements			S5		
22.053	0.1.1	Tandem Free Operation of speech codecs; Stage 1 service description	Dec 99		S4	William Navarro	
22.100	3.2.0	UMTS Phase 1 Capabilities			S1		
22.101	3.5.0	UMTS Service principles			S1		
22.105	3.5.0	Services & Service capabilities			S1		
22.115	3.1.0	Servive Aspects Charging and billing			S1		
22.121	1.1.0	Provision of Services in UMTS - The Virtual Home Environment			S1		
22.129	3.0.0	Handover Requirements between UMTS and GSM or other Radio Systems			S1		
22.135	1.0.0	Multicall			S1		
22.907	3.1.2	Terminal concepts			S1		
22.945	1.0.0	Study of provision of fax service in GSM and UMTS			T2		
22.972	0.0.0	Multimedia			S1		
23.003	3.0.0	Numbering, Addressing and Identification			N1/2		
23.007	3.0.0	Restoration procedures	April 99		N2B		
23.008	3.0.0	Organisation of subscriber data	April 99		N2B		
23.009	3.0.0	Handover procedures	April 99		N2B		
23.010	3.0.0	PLMN connection types	April 99		N3		
23.011	3.0.0	Technical realisation of supplementary services	April 99		NSS		
23.012	3.0.0	Location registration procedures	April 99		N1		
23.014	3.0.0	Support of Dual Tone Multi Frequency (DTMF) signalling	April 99		N1		
23.015	3.0.0	Technical realisation of Operator Determined Barring (ODB)	April 99		N2B		
23.016	3.0.0	Subscriber data management - Stage 2	April 99		N2B		

23.018	3.0.0	Basic Call Handling - Technical realisation	April 99		N2B		
23.022	3.0.0	Functions related to Mobile Station (MS) in idle mode	April 99		N1		
23.032	3.0.0	Universal Geographical Area Description (GAD)	April 99		N1		
23.034	3.0.0	High Speed Circuit Switched Data (HSCSD) - Stage 2	April 99		N1		
23.038	1.0.0	Alphabets & Language			T2		
23.039	1.0.0	Interface protocols for the connection of Short Message Service Centres (SMSCs) to Short Message Entities (SMEs)			T2		
23.040	1.0.0	Technical realisation of SMS Point to Point			T2		
23.042	1.0.0	Compression algorithm for SMS			T2		
23.043	3.0.0	Support of Videotext	April 99		N3		
23.044	3.0.0	Support of Teletext	April 99		N3		
23.045	3.0.0	Technical realisation of facsimile Group 3 service transparent	April 99		N3		
23.046	3.0.0	Technical realisation of facsimile Group 3 service non-transparent	April 99		N3		
23.054	3.0.0	Shared Interworking Functions - Stage 2	April 99		N3		
23.057	1.0.0	MExE Stage 2			T2		
23.067	3.0.0	Enhanced multiple level priority and pre-emption - Stage 2	April 99		NSS		
23.068	3.0.0	Voice Group Call Service (VGCS) - Stage 2	April 99		N1/2B		
23.069	3.0.0	Broadcast Call Control (BCC) Protocol-Stage 2	April 99		N1		
23.070	3.0.0	Routing of calls to/from Public Data Networks	April 99		N3		
23.072	3.0.0	Call Deflection Supplementary Service - Stage 2	April 99		NSS		
23.078	3.0.0	CAMEL Stage 2	April 99		N2A		
23.079	3.0.0	Support of optical routing - Phase 1 - Stage 2	April 99		N2A		
23.081	3.0.0	Line Identity Supplementary Service - Stage 2	April 99		NSS		
23.082	3.0.0	Call Forwarding Supplementary Service - Stage 2	April 99		NSS		
23.083	3.0.0	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service - Stage 2	April 99		NSS		

23.084	3.0.0	MultiParty (MPTY) Supplementary Service - Stage 2	April 99		NSS		
23.085	3.0.0	Closed User Group (CUG) Supplementary Service - Stage 2	April 99		NSS		
23.086	3.0.0	Advice of Charge (AoC) Supplementary Service - Stage 2	April 99		NSS		
23.087	3.0.0	User-to-User Signalling (UUS) - Stage 2	April 99		NSS		
23.088	3.0.0	Call Barring (CB) Supplementary Service - Stage 2	April 99		NSS		
23.090	3.0.0	Unstructured Supplementary Service Data (USSD) - Stage 2	April 99		NSS		
23.091	3.0.0	Explicit Call Transfer (ECT) Supplementary Service - Stage 2	April 99		NSS		
23.093	3.0.0	Call Completion to Busy Subscriber (CCBS) - Stage 2	April 99		NSS		
23.096	3.0.0	Name Identification Supplementary Service - Stage 2	April 99		NSS		
23.101	3.0.0	General UMTS Architecture	June 99		S2		
23.110	3.1.0	UMTS Access Stratum; Services and Functions	June 99		S2		
23.121	1.0.0	Architecture Requirements for release 99	June 99		S2		
23.907	0.3.0	Quality of Service	June 99		S2		
23.920	1.0.0	Evolution of the GSM platform towards UMTS	June 99		S2		
23.923	0.5.0	Combined GSM and Mobile IP mobility handling in UMTS IP CN			S2	Elisabeth Hubbard	
23.925	0.2.0	UMTS Core network based ATM transport			S2		
23.927	0.1.0	Open Service Architecture			S2		
23.930	1.2.0	Iu Principles	June 99		S2		
23.960	0.1.0	Framework of Network functions to support multimedia services in UMTS			S2		
24.008	N/A	Mobile Radio Interface Layer 3 specification (CC/MM)	April 99		N1		Available after split of RR
24.010	3.0.0	Mobile Radio Interface Layer 3 Supplementary Service	April 99		N3		
24.022	3.0.0	Radio Link Protocol (RLP) for Data and telematic services on the MS-BSS Interface and the BSS-	April 99		N3		

		MSC Interface				
24.065	3.0.0	GPRS Sub-Network Dependent Convergence Protocol (SNDP)	April 99		N1	
24.067	3.0.0	Enhanced Multi-level precedence and pre-emption service	April 99		NSS	
24.068	3.0.0	Group Call Control Protocol	April 99		N1	
24.069	3.0.0	Broadcast Call Control (BCC) Protocol - Stage 3	April 99		N1	
24.072	3.0.0	Call Deflection Supplementary Service - Stage 3	April 99		NSS	
24.080	3.0.0	Mobile radio Layer 3 Supplementary Service specification - Formats and coding	April 99		NSS	
24.081	3.0.0	Line Identification Supplementary Service - Stage 3	April 99		NSS	
24.082	3.0.0	Call Forwarding Supplementary Service - Stage 3	April 99		NSS	
24.083	3.0.0	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service - Stage 3	April 99		NSS	
24.084	3.0.0	MultiParty (MPTY) Supplementary Service - Stage 3	April 99		NSS	
24.085	3.0.0	Closed User Group (CUG) Supplementary Service - Stage 3	April 99		NSS	
24.086	3.0.0	Advice of Charge (AoC) Supplementary Service - Stage 3	April 99		NSS	
24.087	3.0.0	User-to-User Signalling (UUS) - Stage 3	April		NSS	
24.088	3.0.0	Call Barring (CB) Supplementary Service - Stage 3	April 99		NSS	
24.090	3.0.0	Unstructured Supplementary Service Data (USSD) - Stage 3	April 99		NSS	
24.091	3.0.0	Explicit Call Transfer (ECT) Supplementary Service - Stage 3	April 99		NSS	
24.093	3.0.0	Call Completion to Busy Subscriber (CCBS) - Stage 3	April 99		NSS	
24.096	3.0.0	Name Identification Supplementary Service - Stage 3	April 99		NSS	
25.101	1.0.0	UE Radio transmission and reception (FDD)			R4	
25.102	1.0.0	UE Radio transmission and reception (TDD)			R4	
25.103	0.1.0	RF parameters in support of RRM			R4	
25.104	1.0.0	BTS Radio transmission and reception (FDD)			R4	

25.105	1.0.0	BTS Radio transmission and reception (TDD)			R4		
25.113	N/A	BTS EMC			R4		Does not yet exist
25.141	0.1.0	Base station conformance testing (FDD)			R4		
25.142	N/A	Base station conformance testing (TDD)			R4		Does not yet exist
25.201	2.0.0	Physical layer -General Description			R1		
25.211	2.0.0	Physical channels and mapping of transport channels onto physical channels (FDD)			R1		
25.212	1.0.0	Multiplexing and channel coding (FDD)			R1		
25.213	2.0.0	Spreading and modulation (FDD)			R1		
25.214	1.0.0	FDD; physical layer procedures			R1		
25.221	1.0.0	Physical channels and mapping of transport channels onto physical channels (TDD)			R1		
25.222	1.0.0	Multiplexing and channel coding (TDD)			R1		
25.223	2.0.0	Spreading and modulation (TDD)			R1		
25.224	1.0.0	TDD; physical layer procedures			R1		
25.231	0.2.0	Physical layer; measurements			R1		
25.301	3.0.0	Radio Interface Protocol Architecture			R2		
25.302	2.0.0	Services provided by the physical layer			R2		
25.303	2.0.0	UE functions and inter-layer procedures in connected mode			R2		
25.304	1.0.0	UE procedures in Idle Mode			R2		
25.321	2.0.0	MAC protocol specification			R2		
25.322	1.0.0	RLC protocol specification			R2		
25.331	1.0.0	RRC protocol specification			R2		
25.401	1.0.0	UTRAN Overall Description			R2		
25.410	0.1.0	UTRAN Iu Interface: General Aspects and Principles			R3		
25.411	0.1.0	UTRAN Iu interface Layer 1			R3		R3 to provide V2.0.0 for e-mail approval
25.412	1.0.0	UTRAN Iu interface signalling transport			R3		
25.413	1.0.0	UTRAN Iu interface RANAP signalling			R3		
25.414	1.0.0	UTRAN Iu interface data transport & transport			R3		

		signalling				
25.415	0.1.0	UTRAN Iu interface user plane protocols			R3	
25.420	0.1.0	UTRAN Iur Interface: General Aspects and Principles			R3	
25.421	0.1.0	UTRAN Iur interface Layer 1			R3	R3 to provide V2.0.0 for e-mail approval
25.422	0.1.0	UTRAN Iur interface signalling transport			R3	R3 to provide V2.0.0 for e-mail approval
25.423	1.0.0	UTRAN Iur interface RNSAP signalling			R3	
25.424	1.0.0	UTRAN Iur interface data transport & transport signalling for CCH data streams			R3	
25.425	0.1.0	UTRAN Iur interface user plane protocols for CCH data streams			R3	
25.426	1.0.0	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams			R3	
25.427	0.1.0	UTRAN Iur and Iub interface user plane protocols for DCH data streams			R3	
25.430	0.1.0	UTRAN Iub Interface: General Aspects and Principles			R3	
25.431	0.1.0	UTRAN Iub interface Layer 1			R3	R3 to provide V2.0.0 for e-mail approval
25.432	1.0.0	UTRAN Iub interface signalling transport			R3	
25.433	1.0.0	NBAP specification			R3	
25.434	1.0.0	UTRAN Iub interface data transport & transport signalling for CCH data streams			R3	
25.435	0.1.0	UTRAN Iub interface user plane protocols for CCH data streams			R3	
25.831	0.1.0	Study Items for future release			R3	
25.921	1.0.0	Guidelines and principles for protocol description and error handling			R2	
25.922	0.1.1	RRM Strategies			R2	
25.923	1.0.0	Location Services (LCS) features			R2	
25.924	0.0.1	ODMA			R2	
25.931	1.0.0	UTRAN Functions, examples on signalling			R3	

		procedures				
25.932	2.0.0	Manifestations of Handover and SRNS relocation			R3	
25.941	0.0.1	RF Introduction			R4	
25.942	0.0.2	RF system scenarios			R4	
26.071	1.0.0	AMR speech Codec; General description	June 99		S4	Erik Ekudden
26.073	0.1.0	AMR speech Codec; C-source code	June 99		S4	Erik Ekudden
26.074	0.0.0	AMR speech Codec; Test sequences	June 99		S4	Erik Ekudden
26.090	1.0.0	AMR speech Codec; Transcoding Functions	June 99		S4	Erik Ekudden
26.091	1.0.0	AMR speech Codec; Error concealment of lost frames	June 99		S4	Erik Ekudden
26.092	1.0.0	AMR speech Codec; comfort noise	June 99		S4	Erik Ekudden
26.093	0.0.0	AMR speech Codec; DTX	June 99		S4	
26.093	1.0.0	AMR speech Codec; Source Controlled Rate operation	June 99		S4	Erik Ekudden
26.094	0.1.0	AMR Speech Codec Voice Activity Detector	June 99		S4	
26.101	1.0.0	AMR speech Codec; Frame Structure	June 99		S4	Jari Haggvist
26.102	0.2.0	AMR speech Codec; Interface to lu and Uu	Dec 99		S4	William Navarro
26.110	1.0.0	Codec for Circuit switched Multimedia Telephony Service; General Description	June 99		S4	Barry Aronson
26.111	1.0.0	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	June 99		S4	Barry Aronson
26.112	1.0.0	Codec for Circuit switched Multimedia Telephony Service; Call Set-Up Requirements	June 99		S4	Harri Honko
26.121	0.0.0	Technical Specification for Tandem Free Operation within 3G networks	Dec 99		S4	
26.122	0.0.0	Technical Specification for Tandem Free Operation between 3G and 2G networks	Dec 99		S4	
26.901	0.0.0	AMR speech Codec; performance characteristics	Dec 99		S4	Alain Ohana
26.911	1.0.0	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide	June 99		S4	Petri Haavisto
26.912	0.0.1	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G	Dec 99		S4	Olle Franceschi



26.913	0.0.0	Quantitative performance evaluation of real-time packet switched multimedia services over 3G	Dec 99		S4	Harri Honko	
26.915	0.0.0	Transmission planning aspects of the services in 3G PLMN System	Dec 99		S4	Ian Goetz	
26.920	0.1.1	Architectural Model for the 3G Transcoders	Dec 99		S4	William Navarro	
27.001	3.0.0	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	April 99		N3		
27.002	3.0.0	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	April 99		N3		
27.003	3.0.0	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	April 99		N3		
27.007	1.0.0	AT command set for 3G User Equipment (UE)			T2		
27.010	1.0.0	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol User Equipment (UE)			T2		
27.060	3.0.0	GPRS Mobile Stations supporting GPRS	April 99		N3		
28.020	3.0.0	Rate Adaptation on the BSS-MSC Interface	April 99		N3		
29.002	3.0.0	Mobile Application Part (MAP)	April 99		N2B		
29.004	3.0.0	Interworking between the PLMN and the CSPDN	April 99		N3		
29.005	3.0.0	Interworking between the PLMN and the PSPDN	April 99		N3		
29.006	3.0.0	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services	April 99		N3		
29.007	3.0.0	General requirements on Interworking between the PLMN and the ISDN or PSTN	April 99		N3		
29.011	3.0.0	Signalling Interworking for Supplementary Services	April 99		NSS		
29.016	3.0.0	Serving GPRS Support Mode SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	April 99		N1		
29.018	3.0.0	Serving GPRS Support Mode SGSN - Visitors Location Register (VLR); Gs Interface Layer 3 Specification	April 99		N1		
29.060	3.0.0	GPRS Tunnelling protocol (GPT) across the Gn and Gp interface	April 99		N2B		

29.061	3.0.0	Interworking between the PLMN supporting GPRS and Packet Data Networks (PDN)	April 99		N3		
30.531	0.1.0	Work Plan and Study Items - RAN WG3			R3		
31.101	N/A	UICC physical and logical characteristics	Oct 99		T3	Rune Lindholm	
31.102	0.1.0	USIM characteristics	Oct 99		T3	Yoshio Honda	
33.102	3.0.0	Security Architecture	April 99		S3	Bart Vinck	
33.120	3.0.0	Security Objectives and Principles			S3	Tim Wright	