

Source: TSG-N(2) chairman
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Title: specifications in TSG-N
version 3 (16.04.1999)

Document for: Decision

The following list contains all specifications transferred from SMG3 to TSG-N; it is updated according to the discussion in TSG-N2 (Issy-les-Moulineaux, 22 – 26.03.99).
... and according to information from the N3 chairman.

Specification numbers and versions of the specs are modified according to the working procedures for 3GPP.

Release '98 specs as V7.0.0 will become version 3.0.0 later on and the spec-number will be incremented by 20: for example. 09.02 becomes 29.002 (see td 98 for proposed new spec numbering convention).

3GPP UITS	Title	Version	"leaving" ETSI/STC	STC WP	Working Group					Notes
					N1	N2A	N2B	N3	ad-h. SS	
02.11	Service Accessibility	7.0.0	SMG1, SMG3, SMG2							S1 prime responsibility
02.30	Man-Machine Interface (MMI) of the Mobile Station (MS)	6.0.1	SMG1, SMG3			-				S1 prime responsibility
03.01	Network Functions	5.1.0	SMG3	WPA						Proposal: To be moved to S2
03.02	Network Architecture	6.1.0	SMG3, SMG4							S2 prime responsibility
03.03	Numbering, Addressing and Identification	3.0.0	SMG3 A / C		x					S2 second. Responsibility
03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	5.0.0	SPS, SMG3, SMG4	WPC						Dormant spec not inherited???, To be deleted -- MNP??
03.05	Technical Performance Objectives	5.0.0	SMG3	WPC	x					Dormant spec Prop.: S1 Prime responsibility
03.07	Restoration Procedures	3.0.0	SMG3	WPC						
03.08	Organization of Subscriber data	3.0.0	SMG3	WPC						
03.09	Handover Procedures	5.1.0	SMG3, SMG2	WPA	x					TSG-R at least 2.nd responsibility New specifications are needed in addition
03.10	GSM PLMN Network Connection Types	3.0.0	SMG4, SMG1-3					X		
03.11	Technical Realization of Supplementary Services	5.0.0	SMG3	WPB					X	

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03.12	Location Registration Procedures	5.0.0	SMG3	WP-	X		X			
03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	5.0.0	SMG3	WPA	X					Modify title??
03.15	Technical Realization of Operator Determined Barring	6.0.0	SMG3	WPC			X			
03.16	Subscriber Data Management - Stage 2	6.2.0	SMG3	WPC, WPB			X		X	2 nd resp. In SS-adhoc
03.18	Basic call handling, Technical Realisation	6.2.0	SMG3	WPC		X				Prime resp. N2A
03.20	Security-related Network Functions	6.0.0	SMG3, SMG2		X		X		X	S3 prime responsibility Nx groups 2 nd resp.
03.22	Functions Related to Mobile Station (MS) in Idle Mode	6.0.0	SMG3, SMG2		X					RAN specific parts to be removed. Spec to be split. WP-A / N1 to confirm
03.26	Multi Band Operation - Stage 2	5.2.0	SMG2, SMG3		X					N1 2 nd responsibility only new multipode spec for UMTS expected
03.32	Universal Geographical Area Description (GAD)	5.2.0	SMG3	all	X		X			S2 2 nd responsibility
03.34	High Speed Circuit Switched Data (HSCSD) - Stage 2	5.1.0	SMG3	WPA	X					
03.40	Technical Realization of the Short Message Service (SMS) Point-to-point (PP)	7.1.0	SMG4, SMG3							TSG T 1 st .responsibility N1 2 nd responsibility
03.43	Support of Videotex	5.0.0	SMG4					X		
03.44	Support of Teletex in a GSM PLMN	5.0.0	SMG4					X		
03.45	Technical Realization of Facsimile Group 3 Service Transparent	5.2.1	SMG4					X		New 3G facsimile protocol is needed beside N3 to confirm
03.46	Technical Realization of Facsimile Group 3 Service non Transparent	5.0.0	SMG4					X		
03.53	Transcoder free operation (TFO)	7.0.0	SMG12, SMG3, SMG11							TSG-R or S1 1 st . Responsibility open issue tbd.
03.54	Shared Interworking Function stage 2	5.2.0	SMG4						X	
03.60	GPRS Stage 2	6.2.0	SMG12, SMG3							S2 prime responsibility Nx acts on "subcontracting basis"
03.63	Packet Data on Signalling Channels - Stage 2	5.1.0	SMG3	WPA	X					Not inherited to UMTS?? To be decided
03.64	General Packet Radio Service (GPRS); Stage 2 overall description of radio Interface	6.1.0	SMG3	WPA						To be moved to TSG_RAN

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03.67	Enhanced Multiple Level Priority and Pre-emption - Stage 2 (ASCI)	5.1.0	SMG3	WPB					X	
03.68	Voice Group Call Service (VGCS) - Stage 2 (ASCI)	6.1.0	SMG3	WPA	x		x			N1 N2B to be confirmed
03.69	Voice Broadcast Service (VBS) - Stage 2 (ASCI)	6.1.0	SMG3	WPA	x		x			N1/ N2B tbc
03.70	Routing of Calls to/from Public Data Networks (PDN)	5.0.0	SMG4					X		
03.72	Call Deflection (CD) Supplementary Service; stage 2	1.4.1	SMG3 WPB	WPB					X	
03.78	CAMEL - Stage 2	6.2.0	SMG3	WPC		x				
03.79	Support of Optimal Routing phase 1 - Stage 2	5.4.0	SMG3	WPC		X				
03.81	Line Identification Supplementary Services - Stage 2	5.2.0	SMG3	WPB					X	Support of IP addressing may require changes
03.82	Call Forwarding (CF) Supplementary Services - Stage 2	5.0.0	SMG3	WPB					X	Multicall requires changes
03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services - Stage 2	5.0.0	SMG3	WPB					X	Multicall requires changes
03.84	Multi Party (MPTY) Supplementary Services - Stage 2	5.0.0	SMG3	WPB					X	Multicall requires changes
03.85	Closed User Group (CUG) Supplementary Services - Stage 2	5.0.0	SMG3	WPB					X	
03.86	Advice of Charge (AoC) Supplementary Services - Stage 2	5.0.0	SMG3	WPB					X	
03.87	User-to-user signalling (UUS), Stage 2	0.3.0	SMG3	WPB					X	
03.88	Call Barring (CB) Supplementary Services - Stage 2	5.0.0	SMG3	WPB					X	
03.90	Unstructured Supplementary Service Data (USSD)	5.0.0	SMG3	WPB					X	
03.91	Explicit Call Transfer (ECT) Supplementary Service - Stage 2	5.0.2	SMG3	WPB					x	
03.93	Call Completion to Busy Subscriber (CCBS) - Stage 2	6.2.0	SMG3 WPB	WPB					X	Multicall requires changes
03.96	Name Identification Supplementary Services; Stage 2	6.0.0	T1P1	WPB					x	Support of IP addressing may require changes EURO CNAP R'99!
03.97	Multiple Subscriber Profile (MSP) - Stage 2	0.8.0	SMG3	WPB					x	MSP2 based on CAMEL3
04.01	MS-BSS Interface - General Aspects and Principles	5.0.0	SMG3	WPA	X					Title induces to give the spec to TSG_RAN/SMG2 N1 to consider

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04.02	GSM PLMN Access Reference Configuration	5.0.0	SMG3, SMG2	WPA	x					TSG-R N1 2 nd responsibility tbc
04.03	MS-BSS Interface - Channel Structures and Access Capabilities	6.0.0	SMG3		X					TSG-R N1 2 nd responsibility tbc
04.04	Layer 1 - General Requirements	6.0.0	SMG3, SMG2		X					SMG2, TSG-R N1 2 nd responsibility tbc
04.06	MS-BSS Interface Data Link (DL) Layer Specification	5.2.0	SMG3		X					SMG2, TSG-R N1 2 nd responsibility
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	6.2.0	SMG3	WPA	x					RAN specific parts to TSG-R. Spec to be split.
04.08	Mobile Radio Interface - Layer 3 Specification	6.2.0	SMG3	WPA	x					RAN specific parts to TSG-R. Spec to be split To be confirmed
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	6.0.0	SMG3	WPB					x	
04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	6.0.0	SMG3, SMG4	WPA	x					TSG_T 1 st . Responsibility?
04.12	Short Message Service Cell Broadcast (SMS-SCB) Support on the Mobile Radio Interface	5.0.1	SMG2, SMG4		x		*			S1, Tx 1 st responsibility
04.13	Performance Requirements on Mobile Radio Interface	5.1.0	SMG3, SMG2	WPA						To be moved to TSG-R
04.21	Rate Adaptation on Mobile Station - Base Station System (MS-BSS) Interface	7.0.0	SMG4					x		Further discussion in N2 to move to TSG_T pending
04.22	Radio Link Protocol (RLP) for Data and Telematic Services on the MS-BSS Interface and the BSS-MS-Interface	6.1.0	SMG4					X		
04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	5.0.0	SMG3	WPA						Not inherited to UMTS
04.64	LLC specification GPRS	6.2.0	SMG3	WPA	X?		*			LLC in UMTS unclear
04.65	GPRS Subnetwork Dependent Convergence Protocol (SNDCP)	6.2.0	SMG3	WPA	x		*			
04.67	Enhanced Multi-Level Precedence and Pre-emption service	5.0.0	SMG3 WPD	WPB			(*)		X	
04.68	Group Call Control Protocol	5.1.0	SMG3	WPA	X					
04.69	Broadcast Call Control (BCC) protocol	5.1.0	SMG3	WPA	x					
04.72	Call Deflection (CD) Supplementary Service; Stage 3	1.2.0	SMG3	WPB					X	
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification - Formats and Coding	6.1.0	SMG3	WPB			x		X	Multicall requires changes

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04.81	Line Identification Supplementary Services - Stage 3	5.0.0	SMG3	WPB			*	X	Support of IP addressing may require changes. Should individual stage 3 (access) SS specs be the responsibility of CN-WG1?	
04.82	Call Forwarding (CF) Supplementary Services - Stage 3	5.0.0	SMG3	WPB			*	X	Multicall requires changes	
04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services - Stage 3	5.0.0	SMG3	WPB			*	X	Multicall requires changes	
04.84	Multi Party (MPTY) Supplementary Services - Stage 3	5.0.0	SMG3	WPB			*	X	Multicall requires changes	
04.85	Closed User Group (CUG) Supplementary Services - Stage 3	5.0.0	SMG3	WPB			*	X		
04.86	Advice of Charge (AoC) Supplementary Services - Stage 3	5.0.0	SMG3	WPB			*	X		
04.87	User-to-user signalling (UUS), Stage 3	0.0.0	SMG3	WPB			*	X		
04.88	Call Barring (CB) Supplementary Services - Stage 3	6.0.0	SMG3	WPB			*	X		
04.90	Unstructured Supplementary Service Data (USSD)	5.0.0	SMG3	WPB			*	X		
04.91	Explicit Call Transfer (ECT) Supplementary Service - Stage 3	5.1.0	SMG3	WPB			*	X		
04.93	Call Completion to Busy Subscriber (CCBS) - Stage 3	6.1.0	SMG3 WPB	WPB			*	X	Multicall requires changes	
04.96	Name Identification Supplementary Services; Stage 3	6.0.0	T1P1	WPB			*	X		
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	7.0.0	SMG4				X	*		
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	7.0.0	SMG4				X	*		
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	6.0.0	SMG4				x			
07.60	GPRS, MS supporting GPRS	???	SMG4				x			
08.01	BSS-MSC Interface - General Aspects	5.0.0	SMG3				(x)		TSG_R 1 st . Responsibility	
08.20	Rate Adaptation on the BSS-MSC Interface	7.0.0	SMG4				X			
08.54	BSC-BTS Interface - Layer 1 Structure of Physical Circuits	5.0.0	SMG3						TSG-R tbc	
08.61	Inband Control of Remote Transcoders and RateAdaptors (Half Rate)	5.0.0	SMG3, SMG2	2WPA, WPC					TSG-R tbc	

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					N1	N2A	N2B	N3	ad-h. SS	
09.01	General Network Interworking Scenarios	5.0.0	SMG3		X		X			Content, value of spec?
09.02	Mobile Application Part (MAP) Specification	6.2.0	SMG3, SPS2	WPC		X				
09.03	Signalling Requirements on Interworking between the ISDN or PSTN and the PLMN	5.0.0	SMG3, SMG4, SPS1	WPC						Remains in SMG3, not inherited to 3GPP
09.04	Interworking between the PLMN and the CSPDN	5.0.0	SMG4				X			
09.05	Interworking between the PLMN and the PSPDN for Packet Assembly/Disassembly (PAD) Access	5.0.0	SMG4				X			Dedicated services to be removed
09.06	Interworking between a PLMN and the ISDN or PSTN for Support of Packet Switched Data Transmission Services	5.0.1	SMG4				X			Dedicated services to be removed
09.07	General Requirements on Interworking between the PLMN and the ISDN or PSTN	7.0.0	SMG4, SMG3				X			
09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	5.1.0	SMG2, SMG3	2WPA						Responsibility to be split with SMG2, TSG_RAN
09.09	Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN (REP)	3.0.0	SMG3	WPC						Dormant specification status/future tbd
09.10	Information Element Mapping between Base Station Application Part (BSSAP) and the Mobile Application Part (MAP) Signalling	6.0.0	SMG3, SMG2	WPC	X		(x)			Responsibility to be clarified between SMG2/3 TSG_RAN and TSG_CN
09.11	Signalling Interworking for Supplementary Services	6.0.0	SMG3	WPB			(x)	X		
09.12	Application of ISUP Version 2 for the ISDN PLMN (GSM) Signalling	4.1.1	SPS1, SMG3	WPB, WPC			(x)	X		Not inherited to 3GPP RSO (ETSI) specific
09.13	Signalling Interworking Between ISDN Supplementary Services ASE and MAP Protocols	6.0.0	SMG3	WPB				X		Also not to be inherited to 3GPP??
09.14	Application of ISUP Version 3 for the ISDN PLMN (GSM) Signalling	?.?.?	SPS1, SMG3	WPB, WPC				X		Not inherited to 3GPP RSO (ETSI) specific
09.16	GPRS, Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs Interface Network Service Specification	6.0.0	SMG3	WPA	X					N1 to be confirmed
09.18	GPRS; Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs Interface Layer 3 Specification	6.2.0	SMG3	WPA	X					N1 to be confirmed
09.60	GPRS Tunneling Protocol (GTP) across the Gn and Gp Interface	6.2.0	SMG3	WPC			X			N2B to be confirmed
09.61	Inter-working between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)	6.3.0	SMG4					X		
09.78	CAMEL Application Part (CAP) Specification	6.2.0	SMG3	WPC				X		

