

3GPP TSG_CN#5
Meeting #5, Kyongju, Korea,
11-13 October 1999

TSG_SA#5 SP-99463

3GPP TSG_CN#5
Meeting #5, Kyongju, Korea,
06-08 October 1999

TSG_CN#5 NP-99384
Rev. of NP-99360

Source: **Chairman TSG_CN**
harald.dettner@icn.siemens.de

Title: **Specifications within TSG_CN**

Agenda item: 6.1.3

Document for: **Review/Approval**

In the following please find an assessment over all specifications under responsibility of TSG_CN

The overall list is subdivided to separate clearly those specs which are common specifications, ie. applicable for GSM and UMTS as well and those specs where TSG_CN takes maintenance responsibility on behalf of ETSI SMG.

Note1:

The second class of specs is conditionally under the domain / responsibility of TSG_CN pending the approval of the overall concept by ETSI SMG plenary (NP-99359rev = SP-99xxx).

Note2:

The attached list does not include the actual (07 Oct.'99) version of the 3GPP specifications; these version numbers have to be copy/pasted from the official 3GPP database. Anyhow some of these version numbers have to be incremented (3.x.0 ---> 3.{x+1}.0) as result of the approvals at TSG_CN#5.

Task: MCC is asked to insert the correct and incremented version numbers asap after end of TSG_CN#5.

Note3:

Even after careful review by TSG_CN on CN#5 future analysis on some work item might show that a transposed specifications ceases to be a common specification and consequently should be put back in the GSM domain of specifications.

Note 4:

With regard to the ASGI features TSG_CN has the following position:

EMLPP	follow SA decision
VGCS	GSM only
VBS	GSM only
FM	GSM only

Note5:

For the last two classes of specifications (O&M, Test and Miscellaneous Management) ETSI SMG is invited to find future responsible groups.

Legend:

X Prime responsibility

(x) Secondary responsibility

Grey color shaded specs are under prime responsibility of other groups; TSG_CN working groups may have 2nd -ary responsibility

If no Subgroup is ticked then this spec is proposed to be removed from TSG_CN.

GSM	Ver.	3GPP UMTS	Ver.	Title	N1	N2 A	N2 B	N3	a-h SS	Notes/Remarks	Rapporteur
02.11	7.0.0	22.011		Service Accessibility						S1 prime responsibility	
02.30	6.0.1	22.030		Man-Machine Interface (MMI) of the Mobile Station (MS)					(x)	S1 prime responsibility	
03.02	6.1.0	23.002		Network Architecture						S2 prime responsibility	
03.03	3.0.0	23.003		Numbering, Addressing and Identification	(x)		X			S2 second. Responsibility	
03.07	3.0.0	23.007		Restoration Procedures			X				
03.08	3.0.0	23.008		Organization of Subscriber data		(x)	X				
03.09	5.1.0	23.009		Handover Procedures	X		(x)			Status unclear due to GSM – UMTS HO ?????????? TSG-R at least 2.nd responsibility New specifications are needed in addition. N2B 2nd responsibility for signalling between network entities	
03.11	5.0.0	23.011		Technical Realization of Supplementary Services					X		
03.12	5.0.0	23.012		Location Registration Procedures			X			To be expanded to take in stage 2 material currently in 29.002	
03.14	5.0.0	23.014		Support of Dual Tone Multi-Frequency Signaling (DTMF)	X						
03.15	6.0.0	23.015		Technical Realization of Operator Determined Barring			X				Ian Park
03.16	6.2.0	23.016		Subscriber Data Management - Stage 2			X		(x)		
03.18	6.2.0	23.018		Basic call handling, Technical Realisation			X				Ian Park
03.22	6.0.0	23.022		Functions Related to Mobile Station (MS) in Idle Mode	X					Spec splitting to be considered.	
03.32	5.2.0	23.032		Universal Geographical Area Description (GAD)			(x)			S2 1 st responsibility Responsibility	
03.34	5.1.0	23.034		High Speed Circuit Switched Data (HSCSD) - Stage 2	X						
03.40	7.1.0	23.040		Technical Realization of the Short Message Service (SMS) Point-to-point (PP)	(x)					TSG T 1 st .responsibility N1 2 nd responsibility	

GSM	Ver.	3GPP UMTS	Ver.	Title	N1	N2 A	N2 B	N3	a-h SS	Notes/Remarks	Rapporteur
03.44	5.0.0	23.044		Support of Teletex in PLMN						To T2 and they remove it	
03.46	6.0.0	23.046		Technical Realization of Facsimile Group 3 Service non Transparent				X			Hagiwara NTT DoCoMo
03.53	7.0.0	23.053		Transcoder free operation (TFO)						TSG-R or S2 1 st . Responsibility open issue tbd.	
03.54	6.0.0	23.054		Shared Interworking Function stage 2				X			Tommy Rostö
03.60	6.2.0	23.060		GPRS Stage 2	(X)					S2 prime responsibility Nx acts on "subcontracting basis"	
03.66	7.???	23.066		Mobile Number Portability			X				
03.67	5.1.0	23.067		Enhanced Multiple Level Priority and Pre-emption - Stage 2 (ASCI)					X	SA to decide whether ASCI is UMTS R'99	
03.68	6.1.0	23.068		Voice Group Call Service (VGCS) - Stage 2 (ASCI)	X		(x)			SA to decide whether ASCI is UMTS R'99	
03.69	6.1.0	23.069		Voice Broadcast Service (VBS) - Stage 2 (ASCI)	X		(x)			SA to decide whether ASCI is UMTS R'99	
03.70	6.0.0	23.070		Routing of Calls to/from Public Data Networks (PDN)				X			
03.72	1.4.1	23.072		Call Deflection (CD) Supplementary Service; stage 2					X		
03.78	6.2.0	23.078		CAMEL - Stage 2		X					Christian Hohmann/ Sumio Miyagawa
03.79	5.4.0	23.079		Support of Optimal Routing phase 1 - Stage 2			X				Ian Park
03.81	5.2.0	23.081		Line Identification Supplementary Services - Stage 2					X		
03.82	5.0.0	23.082		Call Forwarding (CF) Supplementary Services - Stage 2					X		
03.83	5.0.0	23.083		Call Waiting (CW) and Call Hold (HOLD) Supplementary Services - Stage 2					X		
03.84	5.0.0	23.084		Multi Party (MPTY) Supplementary Services - Stage 2					X		
03.85	5.0.0	23.085		Closed User Group (CUG) Supplementary Services - Stage 2					X		
03.86	5.0.0	23.086		Advice of Charge (AoC) Supplementary Services - Stage 2					X		
03.87	0.3.0	23.087		User-to-user signalling (UUS), Stage 2					X		
03.88	5.0.0	23.088		Call Barring (CB) Supplementary Services - Stage 2					X		
03.90	5.0.0	23.090		Unstructured Supplementary Service Data (USSD)					X		
03.91	5.0.2	23.091		Explicit Call Transfer (ECT) Supplementary Service - Stage 2					X		
03.93	6.2.0	23.093		Call Completion to Busy Subscriber (CCBS) - Stage 2					X		

GSM	Ver.	3GPP UMTS	Ver.	Title	N1	N2 A	N2 B	N3	a-h SS	Notes/Remarks	Rapporteur
		23.094	1.0.0	Follow Me - Stage 2					X	SA to decide whether ASCI is UMTS R99	
03.96	6.0.0	23.096		Name Identification Supplementary Services; Stage 2					X		
03.97	0.8.0	23.097		Multiple Subscriber Profile (MSP) - Stage 2					X		
		23.108		Mobile Radio interface Layer3 specification Core Network Protocol; stage2 (structured Procedures)	X						
		23.908		Technical Report on Pre-Paging			X		(x)		
		23.909		Technical Report on Gateway Location Register			X				
03.10	7.0.0	23.910		PLMN Network Connection Types				X		Renumbered from 23.010 original back to GSM	Achim Braun
04.07	6.2.0	24.007		Mobile Radio Interface Signalling Layer 3 - General Aspects	X						
04.08	6.2.0	24.008		Mobile Radio Interface - Layer 3 Specification	X						
04.10	6.0.0	24.010		Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects					X		
04.11	6.0.0	24.011		Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	(x)					TSG_T 1 st . Responsibility?	
04.12	5.0.1	24.012		Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface			(x)			S1, Tx 1 st responsibility	
04.21	7.0.1	24.021		Rate Adaptation on Mobile Station - Base Station System (MS-BSS) Interface				X		Add in 21.101	Juha Räsänen
04.22	7.0.0	24.022		Radio Link Protocol (RLP) for Data and Telematic Services on the MS-BSS Interface and the BSS-MSC Interface				X		Add to 21.101	Norbert Klehn
04.67	5.0.0	24.067		Enhanced Multi-Level Precedence and Pre-emption service					X	SA to decide whether ASCI is UMTS R'99	
04.68	5.1.0	24.068		Group Call Control Protocol	X					SA to decide whether ASCI is UMTS R'99	
04.69	5.1.0	24.069		Broadcast Call Control (BCC) protocol	X					SA to decide whether ASCI is UMTS R'99	
04.72	1.2.0	24.072		Call Deflection (CD) Supplementary Service; Stage 3					X		
04.80	6.1.0	24.080		Mobile Radio Interface Layer 3 - Supplementary Services Specification - Formats and Coding					X		
04.81	5.0.0	24.081		Line Identification Supplementary Services - Stage 3					X		
04.82	5.0.0	24.082		Call Forwarding (CF) Supplementary Services - Stage 3					X		
04.83	5.0.0	24.083		Call Waiting (CW) and Call Hold (HOLD) Supplementary Services - Stage 3					X		
04.84	5.0.0	24.084		Multi Party (MPTY) Supplementary Services - Stage 3					X		
04.85	5.0.0	24.085		Closed User Group (CUG) Supplementary Services - Stage 3					X		

GSM	Ver.	3GPP UMTS	Ver.	Title	N1	N2 A	N2 B	N3	a-h SS	Notes/Remarks	Rapporteur
04.86	5.0.0	24.086		Advice of Charge (AoC) Supplementary Services - Stage 3					X		
04.87	0.0.0	24.087		User-to-user signalling (UUS), Stage 3					X		
04.88	6.0.0	24.088		Call Barring (CB) Supplementary Services - Stage 3					X		
04.90	5.0.0	24.090		Unstructured Supplementary Service Data (USSD)					X		
04.91	5.1.0	24.091		Explicit Call Transfer (ECT) Supplementary Service - Stage 3					X		
04.93	6.1.0	24.093		Call Completion to Busy Subscriber (CCBS) - Stage 3					X		
04.96	6.0.0	24.096		Name Identification Supplementary Services; Stage 3					X		
07.01	7.0.0	27.001		General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)				X			Eric Colban
07.02	7.0.0	27.002		Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities				X			Eric Colban
07.03	6.0.0	27.003		Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities				X			Eric Colban
07.60	7.0.0	27.060		Mobile Station supporting GPRS				X			Graham Heaton
09.02	6.2.0	29.002		Mobile Application Part (MAP) Specification			X				
09.06	6.0.0	29.006		Interworking between a PLMN and the ISDN or PSTN for Support of Packet Switched Data Transmission Services				X			Achim Braun
09.07	7.1.0	29.007		General Requirements on Interworking between the PLMN and the ISDN or PSTN				X			Norbert Klehn
09.10	6.0.0	29.010		Information Element Mapping between Base Station Application Part (BSSAP) and the Mobile Application Part (MAP) Signalling			(x)			Ffs	
09.11	6.0.0	29.011		Signalling Interworking for Supplementary Services			(x)		x	Needs revision to reflect distinction between signalling on the B interface & MAP signalling.	
09.13	???	29.013		Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols							
09.16	6.0.0	29.016		GPRS; Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs Interface Network Service Specification	X						
09.18	6.2.0	29.018		GPRS; Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs Interface Layer 3 Specification	X						
09.60	6.2.0	29.060		GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface			X				Tom Eric Ask

GSM	Ver.	3GPP UMTS	Ver.	Title	N1	N2 A	N2 B	N3	a-h SS	Notes/Remarks	Rapporteur
09.61	7.1.0	29.061		Inter-working between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)				X			Graham Heaton
09.78	6.2.0	29.078		CAMEL Application Part (CAP) Specification		x					Jan Ellsberger
10.02				Technical Report MAP Handbook			X				Ulrich Wiehe

“GSM Specifications” proposed for being maintained within TSG_CN (Note1)

03.01	5.1.0	N/A		Network Functions						To be moved to SMG 12/S2 see 23.101	
03.04	5.0.0	N/A		Signalling Requirements Relating to Routing of Calls to Mobile Subscribers			X			Dormant spec not inherited???, To be deleted	
03.05	5.0.0	N/A		Technical Performance Objectives	(x)					Dormant spec Prop.: S1 Prime responsibility	
03.10	7.0.0			PLMN Network Connection Types				X		Base for 23.910 (report)	
03.20	6.0.0	N/A		Security-related Network Functions	(x)					S3 prime responsibility Nx groups 2 nd resp.	
03.26	5.2.0	N/A		Multi Band Operation - Stage 2	(x)					N1 2 nd responsibility only new multimode spec for UMTS expected	
03.43	5.0.0	23.043		Support of Videotex						-> T2; T2 to withdraw 23.043	
03.45	6.0.0	23.045		Technical Realization of Facsimile Group 3 Service Transparent				X		-> T2; T2 to withdraw 23.045	
03.60	6.2.0			GPRS Stage 2	X					S2 prime responsibility Nx acts on “subcontracting basis”	
03.63	5.1.0	N/A		Packet Data on Signalling Channels - Stage 2	X						
03.71		23.071		Location Services (LCS); stage 2	(X)					SMG/T1P1 Not transferred yet	
04.01	5.0.0	N/A		MS-BSS Interface - General Aspects and Principles	X						
04.02	5.0.0	N/A		GSM PLMN Access Reference Configuration	X					TSG-R N1 2 nd responsibility tbc	
04.03	6.0.0	N/A		MS-BSS Interface - Channel Structures and Access Capabilities	(x)					TSG-R N1 2 nd responsibility tbc	
04.04	6.0.0	N/A		Layer 1 - General Requirements	(x)					SMG2, TSG-R N1 2 nd responsibility tbc	
04.06	5.2.0	N/A		MS-BSS Interface Data Link (DL) Layer Specification	(x)					SMG2, TSG-R N1 2 nd responsibility	

04.13	5.1.0	N/A		Performance Requirements on Mobile Radio Interface	(X)					To be moved to TSG-R	
04.18	8.0.0	N/A		Mobile Radio Interface; Radio Resource Control Procedures	(X)					To be moved to SMG2	
04.21	7.0.1	24.024		Rate Adaptation on Mobile Station - Base Station System (MS-BSS) Interface				X		GSM only	Juha Räsänen
04.56	8.0.0	N/A		GSM Cordless Telephony System (CTS), (Phase1) CTS Radio Interface Layer	X						
04.57	8.0.0	N/A		GSM Cordless Telephony System (CTS), (Phase1) CTS supervising	X						
04.63	5.0.0	N/A		Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	X					Not inherited to UMTS	
04.64	6.2.0	N/A		LLC specification GPRS	X					LLC in UMTS unclear	
04.65	6.2.0	24.065		GPRS Subnetwork Dependent Convergence Protocol (SNDCP)	X					GSM only	
08.01	5.0.0	N/A		BSS-MSC Interface - General Aspects						TSG_R 1 st . Responsibility	
08.20	7.0.0	28.020		Rate Adaptation on the BSS-MSC Interface				X		Spec to be withdrawn! 08.20 to N3?	
08.54	5.0.0	N/A		BSC-BTS Interface - Layer 1 Structure of Physical Circuits						TSG-R tbc	
08.61	5.0.0	N/A		Inband Control of Remote Transcoders and RateAdaptors (Half Rate)						TSG-R tbc	
09.01	5.0.0	N/A		General Network Interworking Scenarios			(x)	X		Content, value of spec?	
09.03	5.0.0	N/A		Signalling Requirements on Interworking between the ISDN or PSTN and the PLMN						Remains in SMG3, not inherited to 3GPP	
09.04	6.0.0	29.004		Interworking between the PLMN and the CSPDN				X		3GPP specs to be removed 09.04 up to R'98 only	
09.05	6.0.0	29.005		Interworking between the PLMN and the PSPDN for Packet Assembly/Disassembly (PAD) Access				X		3GPP specs to be removed 09.05 up to R'98 only	
09.08	5.1.0	N/A		Application of the Base Station System Application Part(BSSAP) on the E-Interface			(x)			Responsibility to be split with SMG2, TSG_RAN	
09.09	3.0.0	N/A		Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN(REP)						Dormant specification status/future tbd	
09.12	4.1.1	N/A		Application of ISUP Version 2 for the ISDN PLMN (GSM) Signalling			(x)		X	Not inherited to 3GPP RSO (ETSI) specific	
09.14	???.?	N/A		Application of ISUP Version 3 for the ISDN PLMN (GSM) Signalling						Not inherited to 3GPP RSO (ETSI) specific	
09.31		29.031		Location Services (LCS); BSSAP LCS Extensions (BSSAP-LE)	X					SMG/T1P1 Not yet transferred	
09.90	5.0.0	N/A		Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)	X		X			New specification needed to cover phase 2-to-UMTS	
09.94	5.0.0	N/A		Recommended infrastructure measures to overcome specific Phase 1 Mobile Station (MS) faults	X		X			Hopefully never needed in UMTS	

Miscellaneous specs ownership unclear

Sometimes SMG3 /TSG_CN has secondary responsibility for some O&M specs

12.01	4.4.0			Common Aspects of Public Land Mobile Network (PLMN) Management						12.xx specifications future in TSG_CN needs further discussion. TSG-N
12.02	5.0.0			Subscriber, Mobile Equipment (ME) and Services Data Administration						TSG-N
12.03	4.2.0			Security Management						TSG-N
12.04	4.3.0			Performance Management and Measurements for a GSM Public Land Mobile Network (PLMN)						TSG-N
12.06	4.1.0			Network Configuration Management						TSG-N
12.07	3.0.2			Public Land Mobile Network (PLMN) Quality of Service						TSG-N
12.08	5.1.0			Subscriber and Equipment Trace						TSG-N
12.10	3.0.1			Maintenance Provisions for Operational Integrity of Mobile Stations (MS)						TSG-N
12.13	3.0.2			Maintenance of the Mobile-services Switching Centre (MSC)						TSG-N
12.14	3.0.2			Maintenance of Location Registers						TSG-N
12.20	4.2.0			Base Station System (BSS) Management Information						TSG-N
12.21	5.0.0			Network Management (NM) Procedures and Messages on the A-bis Interface						TSG-N

“Management Documents owned by the Plenary???)

10.00	7.0.0			Feature Descriptions						Not SMG3 nor TSG_CN
10.57	7.0.0			Mobile Station Execution Environment (MExE), Project scheduling and open issues						
10.60	6.0.0			General Packet Radio Service (GPRS); Project scheduling and open issues						
10.68	5.0.0			ASCII; Project scheduling and open issues						
11.10-1	5.7.0			Mobile Station (MS) Conformity Specifications						Test specifications unclear status in 3GPP
11.10-2	4.15.0			Protocol Implementation Conformance Statement Proforma Specification						
11.10-3	5.0.0			Mobile Station (MS) Conformity Specifications, Layer 3 (L3) Abstract Test Suite (ATS)						
11.20	3.19.0			The GSM Base Station System (BSS) Equipment Specification			-	-	-	
11.20-DCS	3.13.0			The GSM Base Station System (BSS) Equipment Specification			-	-	-	

11.30	3.2.1			Mobile Services Switching Centre (REP)						????	
11.31	3.2.1			Home Location Register Specification (REP)						????	
11.32	3.2.1			Visited Location Register Specification (REP)						????	