

Technical Specification Group Core Network
Technical Specification Group Radio Access Network
Technical Specification Group Terminals
Meeting #10, Bangkok, Thailand, 6 – 8 December 2000
Technical Specification Group Services and System Aspects
Meeting #10, Bangkok, Thailand, 13 – 14 December 2000

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Agenda Item: **CN: 10**
RAN: 5, 6
T: 6.3
SA: 9

The tables which follow show the status of each 2G (GSM) and 3G specification under the responsibility of 3GPP. The results of TSG-GERAN#2 are included.

The table is divided as follows:

Release 5

Release 4

Release 1999

Release 1998

Release 1997

Release 1996

Phase 2

Phase 1

Withdrawn

Draft

The columns headed "U" and "G" indicate whether the specification applies to systems using UTRAN and GERAN radio access respectively.

Type	Number	Title	Rel-5	current vers	frozen	WG prime	WG other	rappporteur	rapp org	MCC support	general remarks	version remarks	U	G
TS	22.038	SIM application toolkit (SAT); Stage 1	Rel-5	5.0.0	Dec 01	S1	-	ROBINSON, Bill	MOTOROLA Ltd	CLAYTON, Michael	Transfer>TSG#4	TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:5.0.0	yes	yes
TS	22.057	Mobile Station Application Execution Environment (MExE); Stage 1	Rel-5	5.0.0	Dec 01	S1	-	CATALDO, Mark	MOTOROLA Ltd	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	. TSG#9:5.0.0	yes	yes
TS	22.078	CAMEL; Stage 1	Rel-5	5.0.0	Dec 01	S1	-	GRECH, Michel	Lucent Technologies Network Systems UK	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:5.0.0 but unclear how to implement CR.	yes	yes
TS	22.101	UMTS Service principles	Rel-5	5.0.0	Dec 01	S1	-	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael		based on 3.9.0 TSG#8:4.0.0 TSG#9:5.1.0	yes	-
TS	23.002	Network Architecture	Rel-5	5.0.0	Dec 01	S2	-	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain	Transfer>TSG#4,CR at TSG#5	Open issues to be finalized by TSG#7. TSG#7: 3.3.0 TSG#9:5.0.0	yes	yes
TS	23.121	Architecture Requirements for release 99	Rel-5	5.0.0	Dec 01	S2	-	DANIEL, Elizabeth	Lucent Technologies Network Systems UK	SULTAN, Alain		TSG#7: 3.3.0 TSG#9:5.0.0 Oct00: CRs were approved by accident, it seems. Intention was to create 23.221 v5.0.0 rather than a Rel-5 of this spec. CR will be retrospectively withdrawn.	yes	yes
Type	Number	Title	Rel-4	current vers	frozen	WG prime	WG other	rappporteur	rapp org	MCC support	general remarks	version remarks	U	G
TR	21.801	3GPP drafting rules	Rel-4	4.0.0	Mar 01	SP	-	MEREDITH, John M	ETSI Secretariat	POPE, Maurice		Formal doc created after TSG#7. (Was briefly 21.200) TSG#8:4.0.0 (1.0.1)	yes	yes
TR	21.905	3G Vocabulary	Rel-4	4.0.0	Mar 01	S1	-	ZARRI, Michele	One 2 One Personal Communications Limited	CLAYTON, Michael		TSG#7: (SP-000072) 3.0.0 TSG#8:3.1.0 TSG#9:4.0.0	yes	-
TS	22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	Rel-4	4.0.0	Mar 01	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#5	Transfer>TSG#5. TSG#7: 3.2.0 TSG#9:4.0.0	yes	yes
TS	22.002	Circuit Bearer Services Supported by a PLMN	Rel-4	4.0.0	Mar 01	S1	-	CARPENTER, Paul	Lucent Technologies Network Systems UK	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:4.0.0	yes	yes

TS	22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	Rel-4	4.0.0	Mar 01	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#5	TSG#7: 4.0.0	yes	yes
TS	22.011	Service accessibility	Rel-4	4.2.0	Mar 01	S1	-	GALLAIRE, Jean Paul	France Telecom R&D	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 4.0.0 TSG#8:4.1.0 TSG#9:4.2.0	yes	yes
TS	22.038	SIM application toolkit (SAT); Stage 1	Rel-4	4.0.0	Mar 01	S1	-	ROBINSON, Bill	MOTOROLA Ltd	CLAYTON, Michael	Transfer>TSG#4	TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:5.0.0	yes	yes
TS	22.057	Mobile Station Application Execution Environment (MExE); Stage 1	Rel-4	4.0.0	Mar 01	S1	-	CATALDO, Mark	MOTOROLA Ltd	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	. TSG#9:4.0.0	yes	yes
TS	22.060	General Packet Radio Service (GPRS); Stage 1	Rel-4	4.1.0	Mar 01	S1	-	CARPENTER, Paul	Lucent Technologies Network Systems UK	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 4.0.0 TSG#8:4.1.0	yes	yes
TS	22.071	Location Services (LCS); Stage 1	Rel-4	4.1.0	Mar 01	S1	-	WOHLERT, Randolph	PACIFIC BELL WIRELESS	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	based on 3.2.0 TSG#8:4.0.0 TSG#9:4.1.0	yes	yes
TS	22.078	CAMEL; Stage 1	Rel-4	4.0.0	Mar 01	S1	-	GRECH, Michel	Lucent Technologies Network Systems UK	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:4.0.0	yes	yes
TS	22.101	UMTS Service principles	Rel-4	4.1.0	Mar 01	S1	-	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael		based on 3.9.0 TSG#8:4.0.0 TSG#9:4.1.0	yes	-
TS	22.105	Services & Service capabilities	Rel-4	4.0.0	Mar 01	S1	-	ASHWELL, Wayne	BT	CLAYTON, Michael		TSG#7: 3.8.0 TSG#8:3.9.0 TSG#9:4.0.0	yes	-
TS	22.121	Provision of Services in UMTS - The Virtual Home Environment ; Stage 1	Rel-4	4.0.0	Mar 01	S1	-	OGUNBEKUN, Jumoke	FUJITSU Europe Telecom R & D Centre	CLAYTON, Michael		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:4.0.0	yes	yes
TS	22.129	Handover Requirements between UMTS and GSM or other Radio Systems	Rel-4	4.0.0	Mar 01	S1	-	SAMPSON, Nick	ORANGE PCS LTD	CLAYTON, Michael		TSG#8:3.3.0 TSG#9:4.0.0	yes	yes
TS	22.140	Multimedia Messaging Service; Stage 1	Rel-4	4.0.1	Mar 01	S1	-	LAUMEN, Josef	ROBERT BOSCH GmbH	CLAYTON, Michael	(development in T2)	based on 3.0.0 TSG#8:4.0.0	yes	-
TS	23.002	Network Architecture	Rel-4	4.0.0	Mar 01	S2	-	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain	Transfer>TSG#4,CR at TSG#5	Open issues to be finalized by TSG#7. TSG#7: 3.3.0 TSG#9:5.0.0	yes	yes
TS	23.018	Basic Call Handling - Technical realisation	Rel-4	4.0.0	Mar 01	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:4.0.0	yes	yes
TS	23.038	Alphabets & Language	Rel-4	4.0.0	Mar 01	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		based on 3.3.0 TSG#8:4.0.0	yes	yes
TS	23.040	Technical realisation of Short Message Service	Rel-4	4.1.0	Mar 01	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		based on 3.4.0 TSG#8:4.0.0 TSG#9:4.1.0	yes	yes
TS	23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service ; Stage 2	Rel-4	4.0.0	Mar 01	N4	-	..,		KYMALAINEN, Kimmo		. TSG#9:4.0.0	yes	yes
TS	23.127	Virtual Home Environment; Stage 2	Rel-4	4.0.0	Mar 01	S2	-	GOURRAUD, Christophe	ERICSSON RESEARCH CANADA	SULTAN, Alain	Sept 00: "Open Service Architecture" removed from title.	TSG#7:2.0.0 (SP-000089) 3.0.0 TSG#8:3.1.0 TSG#9:4.0.0	yes	-

TS	23.135	Multicall ; Stage 2	Rel-4	4.0.0	Mar 01	N4	-	MITAMURA, Kazuo	NTT Communications Ware Corporation	KYMALAINEN, Kimmo		TSG#7:1.1.0->3.0.0 3.0.0 TSG#8:3.1.0 TSG#9:4.0.0	yes	-
TS	23.140	Multimedia Messaging Service (MMS)	Rel-4	4.0.0	Mar 01	T2	-	LAUMEN, Josef	ROBERT BOSCH GmbH	RODERMUND, Friedhelm		TSG#7: 2.0.0(TP-000028) 3.0.0 TSG#9:4.0.0	yes	yes
TS	23.146	Technical realisation of facsimile Group 3 service - non-transparent	Rel-4	4.1.0	Mar 01	N3	-	HAGIWARA, Junichiro	NTT DoCoMo Inc.	BOSWARTHICK, David		New @ TSG#6, Circuit switched type of Real time Non transparent FAX specification. TSG#7:1.1.0 "but not stable enough to be made available"! N3#10: 2.0.0 TSG#8:4.0.0 (2.0.0) TSG#9:4.1.0	yes	-
TR	23.910	Circuit switched data bearer services	Rel-4	4.0.1	Mar 01	N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David	03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)	TSG#6: 1.0.0 TSG#7:2.0.0->3.0.0 TSG#8:3.1.0 TSG#9:4.0.0	yes	-
TS	24.008	Mobile Radio Interface Layer 3 specification; Core Network Protocols ; Stage 3	Rel-4	4.0.0	Mar 01	N1	-	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to be resolved till Jun00.		yes	yes
TS	26.110	Codec for Circuit switched Multimedia Telephony Service; General Description	Rel-4	4.0.0	Mar 01	S4	-	ARONSON, Barry	TOSHIBA CO	USAI, Paolino		. TSG#9:4.0.0	yes	-
TR	26.901	AMR Wideband Speech Codec Feasibility Study Report	Rel-4	4.0.1	Mar 01	S4	-	OHANA, Alain	Bellsouth Cellular	USAI, Paolino		TSG#7:2.0.0 (SP-000024), 4.0.0	yes	-
TS	27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	Rel-4	4.1.0	Mar 01	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		TSG#8:4.0.0 TSG#9:4.1.0	yes	yes
TS	27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	Rel-4	4.0.0	Mar 01	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David			yes	yes
TS	27.007	AT command set for 3G User Equipment (UE)	Rel-4	4.0.0	Mar 01	T2	-	NOVAK, Lars	Telefon AB LM Ericsson	RODERMUND, Friedhelm		TSG#8:3.5.0 TSG#9:4.0.0	yes	yes
TS	29.002	Mobile Application Part (MAP)	Rel-4	4.1.0	Mar 01	N4	-	..,		KYMALAINEN, Kimmo		TSG#8:4.0.0 TSG#9:4.1.0	yes	yes
TS	29.007	General requirements on Interworking between the PLMN and the ISDN or PSTN	Rel-4	4.0.0	Mar 01	N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David		TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:4.0.0	yes	yes
TR	30.802	Project plan on Bearer Services and QoS	Rel-4	4.0.0	Mar 01	S2	-	LOPEZ-TORRES, Oscar	Deutsche Telekom MobilNet GmbH	SULTAN, Alain			yes	-
TS	31.111	USIM Application Toolkit (USAT)	Rel-4	4.0.0	Mar 01	T3	-	WOODSEND, Kristian	ASPECTS Software Ltd	SANDERS, Michael		TSG#7: 3.0.0 TSG#8:3.1.0 TSG#9:4.0.0	yes	-
TS	42.068	Voice Group Call Service (VGCS) ; Stage 1	Rel-4	4.0.1	Mar 01	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#32:9.0.0 (based on CR to 8.0.0)	-	yes

TS	42.069	Voice Broadcast Service (VBS) ; Stage 1	Rel-4	4.0.1	Mar 01	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#32:9.0.0 (based on CR to 8.0.0)	-	yes
	43.020	Security-related Network Functions	Rel-4	4.0.0	Mar 01	S3	NP / GP	GILBERT, Henri	France Telecom R&D	POPE, Maurice		#32:9.0.0	-	yes
	43.022	Functions Related to Mobile Station (MS) in Idle Mode	Rel-4	4.1.1	Mar 01	G2	N1	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert	Moved from SMG3 Jan 2000	#29: 8.0.0 #30: 8.1.0 #30bis: 8.2.0 eds 8.2.1 #31:8.3.0 GERAN#1:4.0.0 GERAN#2:4.1.0	-	yes
	43.030	Radio Network Planning Aspects	Rel-4	4.0.1	Mar 01	GP	-	STEVENS, Peter John	One 2 one	USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 GERAN#1:4.0.0	-	yes
	43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2	Rel-4	4.0.0	Mar 01	GP	-	SEBIRE, Guillaume	NOKIA Corporation	USAI, Paolino	Originally created as 03.51r00	Created after TSG#8. GERAN#2:4.0.0	-	yes
TS	43.068	Voice Group Call Service (VGCS); Stage 2	Rel-4	4.1.1	Mar 01	N1	-			AL -BAKRI, Ban		#31: 8.0.0 TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0 #32:9.0.0 TSG#8:9.0.0->4.0.0 TSG#9:4.1.0	-	yes
TS	43.069	Voice Broadcast service (VBS); Stage 2	Rel-4	4.1.1	Mar 01	N1	-			AL -BAKRI, Ban		#32:9.0.0 TSG#8:9.0.0 TSG#9:4.1.0	-	yes
TS	44.018	Mobile Radio Interface - Layer 3 Specification RR part	Rel-4	4.2.0	Mar 01	G2	-	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert		#32:9.0.0 MCC- converted Aug00:4.0.0 GERAN#1: 4.1.0 GERAN#2:4.2.0	-	yes
TS	44.068	Group Call Control (GCC) Protocol	Rel-4	4.0.1	Mar 01	N1	-			AL -BAKRI, Ban		#32:9.0.0 TSG#8:9.0.0 GERAN#1:4.1.0	-	yes
TS	44.069	Broadcast Call Control (BCC) protocol	Rel-4	4.0.1	Mar 01	N1	-			AL -BAKRI, Ban		TSG#8:9.0GERAN#1: 4.1.0	-	yes
	45.001	Physical Layer on the Radio Path (General Description)	Rel-4	4.0.1	Mar 01	GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b:8.2.0 #31:8.3.0 #32:8.4.0 GERAN#1:4.0.0	-	yes
	45.002	Multiplexing and Multiple Access on the Radio Path	Rel-4	4.1.1	Mar 01	GP	-	..,		USAI, Paolino		#29: 8.0.1 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:4.0.0 GERAN#2:4.1.0	-	yes
	45.004	Modulation	Rel-4	4.0.0	Mar 01	GP	-	REINER, Michaël	AEG Mobile Communications GmbH (AMC)	USAI, Paolino		#28: 8.0.0 #30b 8.1.0 GERAN#1:4.0.0	-	yes
	45.005	Radio transmission and reception	Rel-4	4.1.1	Mar 01	GP	-	CHARLES, Jean Pierre	France Telecom R&D	USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.4.0 #32:8.5.0 GERAN#2:4.1.0	-	yes
	45.008	Radio subsystem link control	Rel-4	4.1.1	Mar 01	GP	-	WHITE, Phil	VODAFONE Group Plc	USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:4.0.0 GERAN#2:4.1.0	-	yes

TS	48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	Rel-4	4.2.0	Mar 01	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#32:9.0.0 MCC-converted Aug00:4.0.0 GERAN#1:4.1.0 GERAN#2:4.2.0	-	yes
	48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	Rel-4	4.0.0		G2	-	..,		THOMASEN, Gert		GERAN#2:4.0.0	-	yes
	48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	Rel-4	4.0.0		G2	-	..,		THOMASEN, Gert		#30: 8.0.0 #30b: 8.1.0 #31:8.2.0 #31b:8.3.0 GERAN#2:4.0.0	-	yes
TS	51.010-1	Conformance Specification	Rel-4	4.1.0	Mar 02	G4	S1 / GP / NP / T2 / SCP	..,		SALMERON, Lidia		#32:9.0.0 MCC-converted Aug00:4.0.1 GERAN#2:4.1.0	-	yes
TS	51.010-3	Layer3 (L3) Abstract Test Suite (ATS)	Rel-4	4.1.0	Mar 02	G4	S1 / GP / NP / T2 / SCP	..,		SALMERON, Lidia		Tdoc 7-00-276; P-00-266 #32:9.0.0 GERAN#2:4.1.0	-	yes
			R1999											
Type	Number	Title	Rel	current vers	frozen	WG prime	WG other	rappporteur	rapp org	MCC support	general remarks	version remarks	U	G
TR	01.00	Working Procedures for SMG	R1999	8.0.0		SP	-	BERGMANN, Ansgar	ETSI Secretariat	POPE, Maurice		#30: 8.0.0	-	yes
TS	01.01	GSM Release 1999 Specifications	R1999	8.0.0		GP	-	COURAU, François	ALCATEL France	USAI, Paolino		info at #30 Alignment with 21.101: 1.1.0. Aprvl expected SMG#31b; or #32 ... #32:2.0.0 -> 8.0.0	-	yes
TR	01.04	Abbreviations and Acronyms	R1999	8.0.0		GP	-	CLAYTON, Michael	ETSI Secretariat	USAI, Paolino		.	-	yes
TR	01.31	Fraud Information Gathering System (FIGS); Service requirements ; Stage 0	R1999	8.0.0		S3	-	WRIGHT, Tim	BT	POPE, Maurice		.	-	yes
TR	01.33	Lawful Interception requirements for GSM	R1999	8.0.0		S3	-	MCKIBBEN, Bernie	MOTOROLA GmbH	POPE, Maurice		.	-	yes
	01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements	R1999	8.0.0		S3	-	WALKER, Michael	VODAFONE Group Plc	POPE, Maurice		.	-	yes
	02.09	Security Aspects	R1999	8.0.0		S3	S1 / NP	CHRISTOFFERSSON, Per	TELIA AB	POPE, Maurice		.	-	yes
	02.17	Subscriber Identity Modules, Functional Characteristics	R1999	8.0.0		T3	S1	HOOKE, Philip	ORANGE PCS LTD	SANDERS, Michael		7.1.0 #30: 8.0.0	-	yes
	02.31	Fraud Information Gathering System (FIGS) Service description ; Stage 1	R1999	8.0.0		S3		WRIGHT, Tim	BT	POPE, Maurice		.	-	yes
	02.32	Immediate Service Termination (IST); Service description ; Stage 1	R1999	8.0.0		S3		WRIGHT, Tim	BT	POPE, Maurice		.	-	yes
	02.33	Lawful Interception ; Stage 1	R1999	8.0.0		S3		MCKIBBEN, Bernie	MOTOROLA GmbH	POPE, Maurice		.	-	yes
	02.48	Security mechanisms for the SIM Application Toolkit; Stage 1	R1999	8.0.0		T3	S3	BARNES, Nigel	MOTOROLA Ltd	SANDERS, Michael	SMG9->T3@#31	.	-	yes

	02.53	Tandem Free Operation (TFO); Service description; Stage 1	R1999	8.0.0		S4		NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino	SMG11->S4 at SMG#30	Nov-00: Created to fill the gap.	-	yes
	02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	R1999	8.0.0		S1	-	GALLIGO, Michel	ALCATEL France	CLAYTON, Michael		.	-	yes
	02.68	Voice Group Call Service (VGCS) ; Stage 1	R1999	8.0.0		S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#31:8.0.0	-	yes
	02.69	Voice Broadcast Service (VBS) ; Stage 1	R1999	8.0.0		S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael			-	yes
	02.94	Follow Me Service description; Stage 1	R1999	8.0.0		S1	-	..,		CLAYTON, Michael		#28: 1.0.0 #30: 8.0.0	-	yes
	02.95	Digital cellular telecommunications system (Phase 2+); Support of Private Numbering Plan (SPNP); Service description, Stage 1	R1999	8.0.0		S1	-	..,		CLAYTON, Michael		.	-	yes
TR	03.05	Technical performance objectives	R1999	8.0.0		NP	-	..,		BOSWARTHICK, David		.	-	yes
	03.10	GSM Public Land Mobile Network (PLMN) Connection Types	R1999	8.2.0		N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David		#29: 8.0.0 TSG#6: 8.1.0 TSG#9:8.2.0	-	yes
	03.13	Discontinuous Reception (DRX) in the GSM System	R1999	8.0.0		GP	-	..,		USAI, Paolino		.	-	yes
	03.20	Security-related Network Functions	R1999	8.1.0		S3	NP / GP	NGUYEN NGOC, Sebastien	France Telecom R&D	POPE, Maurice		#32:8.1.0	-	yes
	03.22	Functions Related to Mobile Station (MS) in Idle Mode	R1999	8.3.0		G2	N1	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert	Moved from SMG3 Jan 2000	#29: 8.0.0 #30: 8.1.0 #30bis: 8.2.0 eds 8.2.1 #31:8.3.0	-	yes
TR	03.26	Multiband operation of GSM/DCS 1800 by a single operator	R1999	8.0.0		GP	NP	..,		USAI, Paolino		.	-	yes
TR	03.30	Radio Network Planning Aspects	R1999	8.3.0		GP	-	STEVENS, Peter John	One 2 one	USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0	-	yes
	03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2	R1999	8.0.0		S3	-	WRIGHT, Tim	BT	POPE, Maurice		.	-	yes
	03.33	Lawful Interception ; Stage 2	R1999	8.0.0		S3	-	MCKIBBEN, Bernie	MOTOROLA GmbH	POPE, Maurice		.	-	yes
	03.35	Immediate Service Termination (IST); Stage 2	R1999	8.0.0		S3	-	WRIGHT, Tim	BT	POPE, Maurice		.	-	yes
	03.45	Technical Realization of Facsimile Group 3 Service - transparent	R1999	8.0.0		N3	-	..,		BOSWARTHICK, David		#29: 8.0.0	-	yes
	03.46	Technical Realization of Facsimile Group 3 Service - non transparent	R1999	8.0.0		N3	-	..,		BOSWARTHICK, David		#29: 7.0.0 TSG#6: 8.0.0 (source Klehn)	-	yes
	03.48	Security Mechanisms for SIM Toolkit Application ; Stage 2	R1999	8.4.0		T3	-	BARNES, Nigel	MOTOROLA Ltd	SANDERS, Michael	SMG9->T3@#31	#29: 8.0.0 #30: 8.1.0 #31:8.2.0 TSG#8:8.3.0 TSG#9:8.4.0	-	yes

	03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	R1999	8.1.0		S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#32:8.1.0	-	yes
	03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface ; Stage 2	R1999	8.0.0		GP	-	DESBLANCS, Philippe	ALCATEL France	USAI, Paolino		.	-	yes
	03.53	Tandem Free Operation (TFO); Service description; Stage 2	R1999	8.0.0		S4	NP / S2	FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)	USAI, Paolino	Mar00: prime responsibility txfrd to SMG11	.	-	yes
TS	03.55	Dual Transfer Mode (DTM); Stage 2	R1999	8.0.0		G1	G2	CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc	USAI, Paolino		GERAN#2: 8.7.0	-	yes
TR	03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	R1999	8.0.0		S4	-	MONFORT, Jean-Yves	France Telecom R&D	USAI, Paolino		.	-	yes
	03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2	R1999	8.0.0		N1	-	JACOBSON, Dieter	Deutsche Telekom MobilNet GmbH	AL -BAKRI, Ban		#31: 8.0.0	-	yes
	03.64	Overall description of the GPRS radio interface; Stage 2	R1999	8.6.0		G2	-	..,		THOMASEN, Gert		#29: 8.0.0 #30: 8.1.0 #30b:8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:8.6.0	-	yes
	03.68	Voice Group Call Service (VGCS); Stage 2	R1999	8.2.0		N1	-			AL -BAKRI, Ban		#31: 8.0.0 TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0	-	yes
	03.69	Voice Broadcast service (VBS); Stage 2	R1999	8.2.0		N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0	-	yes
	03.71	Location services (LCS); Stage 2	R1999	8.0.0		S2	-	BROOK, Richard	SAMSUNG Electronics Research Institute	SULTAN, Alain		Need identified at TSG#7, since 23.171 does not cover GSM.	-	yes
	04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	R1999	8.0.0		N1	-	AVELINE, Sophie	France Telecom R&D	AL -BAKRI, Ban		#31: 8.0.0	-	yes
	04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	R1999	8.0.0		G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#30: 8.0.0	-	yes
	04.04	Layer 1 - General Requirements	R1999	8.1.0		G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#30: 8.0.0 #30b: 8.1.0	-	yes
	04.05	Data Link (DL) Layer General Aspects	R1999	8.0.0		G2	-	..,		THOMASEN, Gert		.	-	yes
	04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	R1999	8.0.0		G2	-	..,		THOMASEN, Gert		.	-	yes
	04.08	Mobile radio interface layer 3 specification	R1999	8.0.0		N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	#29: 8.0.0 but perhaps this should not have been created! (24.008 instead)	-	yes
	04.13	Performance Requirements on Mobile Radio Interface	R1999	8.0.0		N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		#31: 8.0.0	-	yes

04.14	Individual equipment type requirements and interworking; Special conformance testing functions	R1999	8.1.0		G2	-	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert		#32:8.1.0	-	yes
04.18	Mobile radio interface layer 3 specification; Radio Resource Control Protocol	R1999	8.7.0		G2	-	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:8.6.0 GERAN#2:8.7.0	-	yes
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	R1999	8.2.0		N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHICK, David		#29: 8.0.0 TSG#8:8.1.0 TSG#9:8.2.0	-	yes
04.31	Location Services LCS RR LCS Protocol	R1999	8.2.0		G2	-			THOMASEN, Gert		GERAN#2:8.2.0	-	yes
04.35	Location Services LCS Stage 3 E-OTD Enhanced Observed	R1999	8.2.0		G2	-			THOMASEN, Gert		. GERAN#1:8.2.0	-	yes
04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	R1999	8.0.0		N1	-	HUPPERICH, Peter	ALCATEL SEL AG	AL -BAKRI, Ban		#31: 8.0.0	-	yes
04.57	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	R1999	8.0.0		N1	-	HUPPERICH, Peter	ALCATEL SEL AG	AL -BAKRI, Ban		#31: 8.0.0	-	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	R1999	8.7.0		G2	-	...		THOMASEN, Gert		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:8.6.0 GERAN#2:8.7.0	-	yes
04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	R1999	8.0.1		N1	-	JACOBSON, Dieter	Deutsche Telekom MobilNet GmbH	AL -BAKRI, Ban		#31: 8.0.0	-	yes
04.64	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	R1999	8.5.0		N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban		#29: 8.0.0 #30: 8.1.0 post-TSG#6:8.2.0 #31:8.3.0 TSG#8:8.4.0 TSG#9:8.5.0	-	yes
04.65	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP)	R1999	8.1.0		N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban	24.065 existed, but scrapped since 04.65 is GSM only.	#31: 8.0.0 TSG#9:8.1.0	-	yes
04.68	Group Call Control (GCC) Protocol	R1999	8.1.0		N1	-			AL -BAKRI, Ban		#31: 8.0.0 TSG#7: 8.1.0	-	yes
04.69	Broadcast Call Control (BCC) protocol	R1999	8.1.0		N1	-			AL -BAKRI, Ban		#31: 8.0.0 TSG#7: 8.1.0	-	yes
04.71	Location services (LCS) stage 3	R1999	8.1.0		G2	-			THOMASEN, Gert	Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.	#32:8.1.0	-	yes
05.01	Physical Layer on the Radio Path (General Description)	R1999	8.5.0		GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b:8.2.0 #31:8.3.0 #32:8.4.0 GERAN#1:8.5.0	-	yes

	05.02	Multiplexing and Multiple Access on the Radio Path	R1999	8.7.0		GP	-	...		USAI, Paolino		#29: 8.0.1 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:8.6.0 GERAN#2:8.7.0	-	yes
	05.03	Channel Coding	R1999	8.6.0		GP	-	...		USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#2:8.7.0	-	yes
	05.04	Modulation	R1999	8.1.0		GP	-	REINER, Michaël	AEG Mobile Communications GmbH (AMC)	USAI, Paolino		#28: 8.0.0 #30b 8.1.0	-	yes
	05.05	Radio Transmission and Reception	R1999	8.7.1		GP	-	CHARLES, Jean Pierre	France Telecom R&D	USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.4.0 #32:8.5.0 GERAN#1:8.6.0 GERAN#2:8.7.0	-	yes
	05.08	Radio Subsystem Link Control	R1999	8.7.1		GP	-	WHITE, Phil	VODAFONE Group Plc	USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:8.6.0 GERAN#2:8.7.0	-	yes
	05.09	Link Adaptation	R1999	8.2.0		GP	-	...		USAI, Paolino		#31:8.0.0 #32:8.1.0 GERAN#2:8.2.0	-	yes
	05.10	Radio subsystem synchronization	R1999	8.6.1		GP	-	BENN, Howard	MOTOROLA Ltd	USAI, Paolino		#30: 8.0.0 #30b: 8.1.0 #31:8.2.0 #31b:8.2.0 #32:8.4.0 GERAN#1:8.5.0 GERAN#2:8.6.0	-	yes
TR	05.22	Radio link management in hierarchical networks	R1999	8.0.0		GP	-	...		USAI, Paolino		.	-	yes
TR	05.50	Background for RF Requirements	R1999	8.2.0		GP	-	...		USAI, Paolino		#30: 8.0.0 #31:8.1.0 #31b:8.2.0	-	yes
	05.56	CTS-FP Radio Sub-system	R1999	8.0.0		GP	-	...		USAI, Paolino		.	-	yes
	06.01	Full Rate Speech Processing Functions	R1999	8.0.0		S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		.	-	yes
	06.02	Half Rate Speech Processing Functions	R1999	8.0.0		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	-	yes
	06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	R1999	8.0.0		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	-	yes
	06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	R1999	8.0.0		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	-	yes
TR	06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	R1999	8.0.0		S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		.	-	yes
	06.10	Full Rate Speech Transcoding	R1999	8.1.0		S4	-	LORENZ, Dietmar	PHILIPS Semiconductors	USAI, Paolino		#32:8.1.0	-	yes
	06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	R1999	8.0.0		S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		.	-	yes
	06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	R1999	8.0.0		S4	-	SERENO, Daniele	TELECOM ITALIA S.p.A.	USAI, Paolino		.	-	yes
	06.20	Half Rate Speech Transcoding	R1999	8.0.0		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	-	yes

	06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	R1999	8.0.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	-	yes
	06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	R1999	8.0.0		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	-	yes
	06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	R1999	8.0.0		S4	-	..,		USAI, Paolino		.	-	yes
	06.32	Voice Activity Detection (VAD)	R1999	8.0.0		S4	-	BARRETT, Paul	BT	USAI, Paolino		.	-	yes
	06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	R1999	8.0.0		S4	-	..,		USAI, Paolino		.	-	yes
	06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	R1999	8.0.0		S4	-	BARRETT, Paul	BT	USAI, Paolino		.	-	yes
	06.51	GSM Enhanced full rate speech processing functions: General description	R1999	8.1.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#32:8.1.0	-	yes
	06.53	ANSI-C code for the GSM Enhanced full rate speech codec	R1999	8.0.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		.	-	yes
	06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	R1999	8.1.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#32:8.1.0	-	yes
TR	06.55	Performance characterisation of the GSM EFR Speech Codec	R1999	8.0.0		S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		.	-	yes
	06.60	Enhanced full rate speech transcoding	R1999	8.0.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		.	-	yes
	06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels	R1999	8.0.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		.	-	yes
	06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	R1999	8.0.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		.	-	yes
TR	06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report	R1999	8.0.0		S4	-	..,		USAI, Paolino	New at SMG#31. Then became 06.77; new 06.76 has new title.	TSG#7:2.0.0, 8.0.0	-	yes
	06.77	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder	R1999	8.0.0		S4	-	..,		USAI, Paolino		#32:8.0.0	-	yes
TR	06.78	Results of the AMR noise suppression selection phase	R1999	8.0.0		S4	-	..,		USAI, Paolino		#32:8.0.0	-	yes
	06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	R1999	8.0.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		.	-	yes
	06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels	R1999	8.0.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		.	-	yes
TR	06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	R1999	8.0.0		S4	-	..,		USAI, Paolino		.	-	yes

	08.01	General Aspects on the BSS- MSC Interface	R1999	8.0.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	.	-	yes
	08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	R1999	8.0.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	.	-	yes
	08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	R1999	8.0.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	.	-	yes
	08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	R1999	8.0.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	.	-	yes
	08.08	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	R1999	8.7.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.4.0 #32:8.5.0 GERAN#1:8.6.0 GERAN#2:8.7.0	-	yes
	08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	R1999	8.0.0		G2	-	..,		THOMASEN, Gert	.	-	yes
	08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	R1999	8.0.0		G2	-	..,		THOMASEN, Gert	.	-	yes
	08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	R1999	8.5.0		G2	-	..,		THOMASEN, Gert	#30: 8.0.0 #30b: 8.1.0 #31:8.2.0 #31b:8.3.0 GERAN#1:8.4.0 GERAN#2:8.5.0	-	yes
	08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	R1999	8.2.0		N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHICK, David	#29: 8.0.0 #30: 8.1.0 TSG#9:8.2.0	-	yes
TS	08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	R1999	8.0.0		G2	-			THOMASEN, Gert	.	-	yes
	08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	R1999	8.0.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert	.	-	yes
	08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	R1999	8.0.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert	.	-	yes
	08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	R1999	8.0.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert	.	-	yes
	08.56	BSC-BTS Layer 2 Specification	R1999	8.0.0		G2	-	ANDERSEN, Harald	ERICSSON TELECOM	THOMASEN, Gert	.	-	yes

	08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	R1999	8.6.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#29: 8.0.0 #30: 8.1.0 #30: 8.2.0 #31:8.3.0 #31b:8.4.0 GERAN#1:8.5.0 GERAN#2:8.6.0	-	yes
	08.60	Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	R1999	8.1.0		GP	-	..,		USAI, Paolino		#30: 8.0.1 #30b: 8.1.0	-	yes
	08.61	Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)	R1999	8.0.0		GP	NP	JACOB, Petra	SIEMENS AG	USAI, Paolino		.	-	yes
	08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	R1999	8.0.1		S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	.	-	yes
	08.71	Location services (LCS) SMLC-BSS interface L 3	R1999	8.2.0		G2	-			THOMASEN, Gert		GERAN#2:8.2.0	-	yes
TR	09.01	General Network Interworking Scenarios	R1999	8.0.0		N4	-	..,		KYMALAINEN, Kimmo		.	-	yes
	09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	R1999	8.0.0		N1	-	VACANT,		AL -BAKRI, Ban		#31: 8.0.0	-	yes
	09.31	Location Services LCS Extension (BSSAP-LE)	R1999	8.3.0		G2	-			THOMASEN, Gert		#32:8.2.0 GERAN#1:8.3.0	-	yes
	10.56	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1	R1999	8.0.0		S2	-	GALLIGO, Michel	ALCATEL France	SULTAN, Alain		.	-	yes
TR	10.59	Project scheduling and open issues for EDGE	R1999	8.0.0		GP	-	MUELLER, Frank	Telefon AB LM Ericsson	USAI, Paolino		May00: 1.23.0 ("final" version) #32:8.0.0 (1.23.0)	-	yes
	11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification	R1999	8.2.0		G4	S1 / GP / NP / T2 / SCP	..,		SALMERON, Lidia	R99 version now serves all releases. Earlier releases frozen.	#29: 7.0.0 #30: 7.1.0 #31: 8.0.0 & 8.1.0 #32:closed. #32:8.2.0	-	yes
	11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	R1999	8.4.0		T3	-	GUTHERY, Scott B.	Mobile-Mind Inc.	SANDERS, Michael		#29: 8.0.0 #30: 8.1.0 #31:8.2.0 #32:8.3.0 TSG#9:8.4.0	-	yes
	11.14	Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit	R1999	8.4.0		T3	-	WOODSEND, Kristian	ASPECTS Software Ltd	SANDERS, Michael		#29: 8.0.0 #30: 8.1.0 #31:8.2.0 #32:8.3.0 TSG#9:8.4.0	-	yes
	11.21	GSM Radio Aspects Base Station System Equipment Specification	R1999	8.5.0		G3	-	BUSIN, Ake	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #30b: 8.0.0 #31:8.1.0 #31b:8.1.0 #32:8.3.0 GERAN#1:8.4.0 GERAN#2:8.5.0	-	yes
	11.26	GSM Repeater Equipment Specification	R1999	8.0.1		G3	-	BUSIN, Ake	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#31b:8.0.0 (based on 5.2.1)	-	yes
	12.03	Security Management	R1999	8.0.0		S5	S1 / NP	..,		ZOICAS, Adrian		.	-	yes
	12.04	Performance Management and Measurements for a GSM Public Land Mobile Network (PLMN)	R1999	8.0.0		S5	S1 / NP	..,		ZOICAS, Adrian		.	-	yes

	12.71	Location Services (LCS); Location services management	R1999	8.0.0		S5	-			ZOICAS, Adrian		TSG#8:8.0.0 (2.0.1)	-	yes
	13.21	Base station systems and repeater equipment covering essential requirements under article 3.2 of the R&TTE directive	R1999	8.0.0		MS G	GP	BUSIN, Ake	Telefon AB LM Ericsson	GUTIERREZ MIGUELEZ, Cesar	Harmonized standard	No R99 impact. But #32 reinstated. #32:8.0.0	-	yes
TS	21.101	3rd Generation mobile system Release 1999 Specifications	R1999	3.1.0	Mar 00	SP	-	MEREDITH, John M	ETSI Secretariat	POPE, Maurice		Aprvl by e-mail post TSG#6: 2.1.0 - comments: 2.2.0; TSG#7:2.3.0(SP- 000037),2.4.0(SP- 000104),2.5(SP- 000xxx) 3.0.0 post- TSG#8:3.1.0	yes	-
TS	21.111	USIM and IC card requirements	R1999	3.3.0	April 99	T3	-	MARINGER, Günter	Deutsche Telekom MobilNet GmbH	SANDERS, Michael		TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-
TS	21.133	Security Threats and Requirements	R1999	3.1.0	April 99	S3	-	CHRISTOFFERSSON, Per	TELIA AB	POPE, Maurice		.	yes	-
TR	21.810	Report on multi-mode UE issues; ongoing work and identified additional work	R1999	3.0.0	Jun 00	T2	-	PERSSON, Sofi	TELIA AB	RODERMUND, Friedhelm	Was formerly 21.910. Renumbered at TSG#7.	TSG#7:2.0.0 - number changed from 21.910. Not approved. 2.0.0 TSG#8:3.0.0 (2.2.0)	yes	-
TR	21.900	3GPP working methods	R1999	3.4.0	April 99	SP	-	MEREDITH, John M	ETSI Secretariat	POPE, Maurice		TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TR	21.904	UE Capability Requirements (UCR)	R1999	3.2.0	Mar 00	T2	-	SOOD, Prem	SHARP Corporation	RODERMUND, Friedhelm		TSG-T#7 is the new target for approval as part of R99. TSG#7:2.0.0(TP- 000026), 3.0.0 TSG#8:3.1.0 (will not be propagated to R00) TSG#9:3.2.0	yes	-
TR	21.905	3G Vocabulary	R1999	3.2.0	Mar 00	S1	-	ZARRI, Michele	One 2 One Personal Communications Limited	CLAYTON, Michael		TSG#7:(SP-000072) 3.0.0 TSG#8:3.1.0 TSG#9:3.2.0	yes	-
TR	21.910	Multi-mode UE issues; categories, principles and procedures	R1999	3.0.0	Jun 00	T2	-	PERSSON, Sofi	TELIA AB	RODERMUND, Friedhelm	TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified title.	TSG#7: 2.0.0, but not approved. Number to be changed to 21.810. TSG#8: Re-instated with changed title and contents. TSG#8:3.0.0 (2.1.0)	yes	-
TR	21.978	Feasibility Technical Report – CAMEL Control of VoIP Services	R1999	3.0.0	Mar 00	N2	-	SMITH, David	BT Cellnet	JORGENSEN, Per Johan		Not approved N#6. TSG#8:3.0.0 (2.1.1)	yes	yes
TS	22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	R1999	3.2.0	Mar 00	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#5	Transfer>TSG#5. TSG#7: 3.2.0	yes	yes
TS	22.002	Circuit Bearer Services Supported by a PLMN	R1999	3.5.0	Oct 99	S1	-	CARPENTER, Paul	Lucent Technologies Network Systems UK	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	yes

TS	22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	R1999	3.2.0	Jun 00	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#5	Transfer>TSG#5, CR@TSG#6. TSG#7: 3.2.0	yes	yes
TS	22.004	General on Supplementary Services	R1999	3.2.1	Oct 99	S1	-	CARPENTER, Paul	Lucent Technologies Network Systems UK	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	CR@TSG#6. TSG#7: 3.2.0	yes	yes
TS	22.011	Service accessibility	R1999	3.3.0	Oct 99	S1	-	GALLAIRE, Jean Paul	France Telecom R&D	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.2.0 TSG#9:3.3.0	yes	yes
TS	22.016	International Mobile Equipment Identities (IMEI)	R1999	3.2.0	Oct 99	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#8:3.2.0	yes	yes
TS	22.022	Personalisation of GSM ME Mobile functionality specification ; Stage 1	R1999	3.1.0	Oct 99	S3	-	NGUYEN NGOC, Sebastien	France Telecom R&D	POPE, Maurice	Transfer>TSG#4,CR at TSG#5	v3.1.0: difficulty in implementing CR.	yes	yes
TS	22.024	Description of Charge Advice Information (CAI)	R1999	3.0.1	Oct 99	S1	-	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	yes	yes
TS	22.030	Man-Machine Interface (MMI) of the Mobile Station (MS)	R1999	3.4.0	Oct 99	S1	-	TOIVANEN, Annukka	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.3.0 TSG#9:3.4.0	yes	yes
TS	22.034	High Speed Circuit Switched Data (HSCSD) ; Stage 1	R1999	3.2.1	Oct 99	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.2.0	yes	yes
TS	22.038	SIM application toolkit (SAT); Stage 1	R1999	3.2.0	Oct 99	S1	-	ROBINSON, Bill	MOTOROLA Ltd	CLAYTON, Michael	Transfer>TSG#4	TSG#7: 3.1.0 TSG#8:3.2.0	yes	yes
TS	22.041	Operator Determined Call Barring	R1999	3.1.0	Oct 99	S1	-	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	yes	yes
TS	22.042	Network Identity and Time Zone (NITZ), stage 1	R1999	3.0.1	Oct 99	S1	-	DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	CR to 3.0.1 not aprvd.	yes	yes
TS	22.043	Support of Localised Service Area (SoLSA) ; Stage 1	R1999	3.1.0	Oct 99	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#8:3.1.0	yes	yes
TS	22.057	Mobile Station Application Execution Environment (MExE); Stage 1	R1999	3.0.1	Oct 99	S1	-	CATALDO, Mark	MOTOROLA Ltd	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	yes	yes
TS	22.060	General Packet Radio Service (GPRS); Stage 1	R1999	3.5.0	Oct 99	S1	-	CARPENTER, Paul	Lucent Technologies Network Systems UK	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	yes
TS	22.066	Support of Mobile Number Portability (MNP); Stage 1	R1999	3.2.0	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7:(not 3.2.0!) 3.1.0 TSG#8:3.2.0	yes	yes
TS	22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP) ; Stage 1	R1999	3.0.1	Oct 99	S1	-	SWETINA, Joerg	SIEMENS AG	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	yes	yes
TS	22.071	Location Services (LCS); Stage 1	R1999	3.3.0	Oct 99	S1	-	WOHLERT, Randolph	PACIFIC BELL WIRELESS	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	. TSG#9:3.3.0	yes	yes
TS	22.072	Call Deflection (CD); Stage 1	R1999	3.0.1	Oct 99	S1	-	RAUCH, Horst	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	yes	yes
TS	22.078	CAMEL; Stage 1	R1999	3.5.0	Oct 99	S1	-	GRECH, Michel	Lucent Technologies Network Systems UK	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	yes
TS	22.079	Support of Optimal Routing; Stage 1	R1999	3.0.1	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	yes	yes
TS	22.081	Line Identification Supplementary Services; Stage 1	R1999	3.2.0	Oct 99	S1	-	AHNBERG, Tomas	TELIA AB	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#8:3.2.0	yes	yes
TS	22.082	Call Forwarding (CF) Supplementary Services; Stage 1	R1999	3.0.1	Oct 99	S1	-	GALLAIRE, Jean Paul	France Telecom R&D	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	yes	yes

TS	22.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1	R1999	3.0.1	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	yes	yes
TS	22.084	MultiParty (MPTY) Supplementary Service; Stage 1	R1999	3.0.1	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	yes	yes
TS	22.085	Closed User Group (CUG) Supplementary Services; Stage 1	R1999	3.1.0	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	yes	yes
TS	22.086	Advice of Charge (AoC) Supplementary Services; Stage 1	R1999	3.1.0	Oct 99	S1	-	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	#5: 3.1.0	yes	yes
TS	22.087	User-to-user signalling (UUS); Stage 1	R1999	3.1.0	Oct 99	S1	-	BRADEN, Christian	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	#5: 3.0.1, but should have been 3.1.0 to include a CR wrongly attributed to 22.086.	yes	yes
TS	22.088	Call Barring (CB) Supplementary Services; Stage 1	R1999	3.0.2	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	yes	yes
TS	22.090	Unstructured Supplementary Service Data (USSD); Stage 1	R1999	3.1.0	Oct 99	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.1.0	yes	yes
TS	22.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 1	R1999	3.1.0	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	. TSG#9:3.1.0	yes	yes
TS	22.093	Call Completion to Busy Subscriber (CCBS); Stage 1	R1999	3.0.1	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	yes	yes
TS	22.094	Follow Me Stage 1	R1999	3.1.0	Dec 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4. GSM only @TSG#5	Transfer>TSG#6; Anticipate that v3.y.z will be withdrawn.	yes	-
TS	22.096	Calling Name Presentation (CNAP); Stage 1 (T1P1)	R1999	3.0.1	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	yes	yes
TS	22.097	Multiple Subscriber Profile (MSP); Stage 1	R1999	3.2.0	Oct 99	S1	-	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	. TSG#9:3.2.0	yes	yes
TS	22.100	UMTS Phase 1	R1999	3.6.0	April 99	S1	-	GALLAIRE, Jean Paul	France Telecom R&D	CLAYTON, Michael		CR@TSG#6; 3.7.0 awaiting attention from MCC expert; who later says 3.5.0 is the good version. TSG#7: 3.6.0	yes	-
TS	22.101	UMTS Service principles	R1999	3.b.0	April 99	S1	-	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael		TSG#7: 3.9.0 TSG#8:3.10.0 TSG#9:3.b.0	yes	-
TS	22.105	Services & Service capabilities	R1999	3.9.0	April 99	S1	-	ASHWELL, Wayne	BT	CLAYTON, Michael		TSG#7: 3.8.0 TSG#8:3.9.0	yes	-
TS	22.115	Service Aspects Charging and billing	R1999	3.3.0	April 99	S1	-	MONTEGROSSO, Emanuele	Telecom Italia ff	CLAYTON, Michael		TSG#7: 3.3.0	yes	yes
TS	22.121	Provision of Services in UMTS - The Virtual Home Environment ; Stage 1	R1999	3.3.0	Jun 99	S1	-	OGUNBEKUN, Jumoke	FUJITSU Europe Telecom R & D Centre	CLAYTON, Michael		TSG#7: 3.2.0 TSG#8:3.3.0	yes	yes
TS	22.129	Handover Requirements between UMTS and GSM or other Radio Systems	R1999	3.4.0	April 99	S1	-	SAMPSON, Nick	ORANGE PCS LTD	CLAYTON, Michael		TSG#8:3.3.0 TSG#9:3.4.0	yes	yes
TS	22.135	Multicall Stage 1	R1999	3.4.0	Dec 99	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	22.140	Multimedia Messaging Service; Stage 1	R1999	3.1.0	Dec 99	S1	-	LAUMEN, Josef	ROBERT BOSCH GmbH	CLAYTON, Michael	(development in T2)	TSG#8:3.1.0	yes	-

TR	22.945	Study of provision of fax service in GSM and UMTS	R1999	3.0.0	Oct 99	T2	NP	COLBAN, Erik	ERICSSON AS	RODERMUND, Friedhelm	.	yes	yes	
TR	22.971	Automatic establishment of roaming relationships	R1999	3.1.1	April 99	S1	-	MONTEGROSSO, Emanuele	Telecom Italia ff	CLAYTON, Michael	.	yes	-	
TR	22.975	Advanced addressing	R1999	3.1.0	April 99	S1	-	KLEIER, Stephan	MANNESMANN Mobilfunk GmbH	CLAYTON, Michael	.	yes	-	
TS	23.002	Network Architecture	R1999	3.3.0	Oct 99	S2	-	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain	Transfer>TSG#4,CR at TSG#5	Open issues to be finalized by TSG#7. TSG#7: 3.3.0	yes	yes
TS	23.003	Numbering, Addressing and Identification	R1999	3.6.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0	yes	yes
TS	23.007	Restoration procedures	R1999	3.4.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		TSG#7: 3.3.0 TSG#8:3.4.0	yes	yes
TS	23.008	Organisation of subscriber data	R1999	3.5.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	yes
TS	23.009	Handover procedures	R1999	3.4.0	April 99	N1	-	FARHOUMAND, Rouzbeh	Ericsson Incorporated	AL -BAKRI, Ban		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	yes
TS	23.011	Technical Realization of Supplementary Services - General Aspects	R1999	3.1.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		. TSG#9:3.1.0	yes	yes
TS	23.012	Location management procedures	R1999	3.3.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		TSG#7: 3.2.0 TSG#8:3.3.0	yes	yes
TS	23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	R1999	3.1.0	April 99	N1	-	..,		AL -BAKRI, Ban	Should not be in UMTS ????	.	yes	yes
TS	23.015	Technical realisation of Operator Determined Barring (ODB)	R1999	3.1.0	April 99	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		.	yes	yes
TS	23.016	Subscriber data management ; Stage 2	R1999	3.6.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0	yes	yes
TS	23.018	Basic Call Handling - Technical realisation	R1999	3.6.0	April 99	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0	yes	yes
TS	23.032	Universal Geographical Area Description (GAD)	R1999	3.1.0	April 99	S2	-	..,		SULTAN, Alain	S2 responsibility?	TSG#7: 3.1.0	yes	yes
TS	23.034	High Speed Circuit Switched Data (HSCSD) ; Stage 2	R1999	3.2.0	April 99	N1	-	MUHONEN, Janne	NOKIA Corporation	AL -BAKRI, Ban		TSG#7: 3.2.0	yes	yes
TS	23.038	Alphabets & Language	R1999	3.3.0	Jun 99	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		additional CR for R99 on SMS enhanced message content expected at TSG-T#7. No, evidently not.	yes	yes
TR	23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	R1999	3.2.0	Jun 99	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		. TSG#9:3.2.0	yes	yes
TS	23.040	Technical realisation of Short Message Service	R1999	3.5.0	Jun 99	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		additional CR for R99 on SMS enhanced message content expected at TSG-T#7: TSG#7: 3.4.0 TSG#8:3.5.0	yes	yes

TS	23.041	Technical Realization of Cell Broadcast Service	R1999	3.3.0	Oct 99	T2	-	...		RODERMUND, Friedhelm	Transfer>TSG#4	additional CR for R99 on UMTS amendments expected at TSG-T#7. TSG#7: 3.2.0 TSG#9:3.3.0	yes	yes
TS	23.042	Compression algorithm for SMS	R1999	3.1.0	Jun 99	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		.	yes	yes
TS	23.054	Shared Interworking Functions ; Stage 2	R1999	3.0.0	April 99	N3	-	ROSTÖ, Tommy	TELIA AB	BOSWARTHICK, David		.	yes	yes
TS	23.057	Mobile Station Application Execution Environment (MExE)	R1999	3.3.0	Dec 99	T2	-	CATALDO, Mark	MOTOROLA Ltd	RODERMUND, Friedhelm		TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	yes
TS	23.060	General Packet Radio Service (GPRS) Service description; Stage 2	R1999	3.5.0	Apr 99	S2	-	DELECKI, Andrew	MOTOROLA Ltd	SULTAN, Alain	Transfer>TSG#4, CR at TSG#5	Open issues to be finalized by TSG#7 (expect 3.2.1 2000-01-12). TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	yes
TS	23.066	Support of GSM Mobile Number Portability (MNP) stage 2	R1999	3.3.0	Oct 99	N4	-	LOPEZ SORIA, Luis	ERICSSON ESPANA S.A.	KYMALAINEN, Kimmo	Transfer>TSG#4, CR at TSG#5	TSG#7: 3.2.0 TSG#8:3.3.0	yes	yes
TS	23.067	Enhanced Multi-Level Precedence and Preemption Service (EMLPP) ; Stage 2	R1999	3.1.0	April 99	N4	-	...		KYMALAINEN, Kimmo		TSG#7: 3.1.0	yes	yes
TS	23.072	Call Deflection Supplementary Service ; Stage 2	R1999	3.3.0	April 99	N4	-	...		KYMALAINEN, Kimmo			yes	yes
TS	23.073	Support of Localised Service Area (SoLSA) ; Stage 2	R1999	3.0.1	Oct 99	N4	-	...		KYMALAINEN, Kimmo	Transfer>TSG#4	.	yes	yes
TS	23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 3 - Stage 2	R1999	3.6.0	April 99	N2	-	HOMANN, Christian	ALCATEL SEL AG	JORGENSEN, Per Johan	CR at TSG#4,CR at TSG#5	TSG#7:Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00. 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0	yes	yes
TS	23.079	Support of Optimal Routeing - Phase 1 ; Stage 2	R1999	3.6.0	April 99	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo	CR at TSG#4,CR at TSG#5	TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0	yes	yes
TS	23.081	Line Identification Supplementary Services ; Stage 2	R1999	3.1.0	April 99	N4	-	...		KYMALAINEN, Kimmo		TSG#8:3.1.0	yes	yes
TS	23.082	Call Forwarding (CF) Supplementary Services ; Stage 2	R1999	3.4.0	April 99	N4	-	...		KYMALAINEN, Kimmo		TSG#7: 3.2.0 TSG#8:3.0 TSG#9:3.4.0	yes	yes
TS	23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service ; Stage 2	R1999	3.2.0	April 99	N4	-	...		KYMALAINEN, Kimmo		. TSG#9:3.2.0	yes	yes
TS	23.084	MultiParty (MPTY) Supplementary Service ; Stage 2	R1999	3.2.0	April 99	N4	-	...		KYMALAINEN, Kimmo		. TSG#9:3.2.0	yes	yes
TS	23.085	Closed User Group (CUG) Supplementary Service ; Stage 2	R1999	3.1.0	April 99	N4	-	...		KYMALAINEN, Kimmo		. TSG#9:3.1.0	yes	yes
TS	23.086	Advice of Charge (AoC) Supplementary Service ; Stage 2	R1999	3.1.0	April 99	N4	-	...		KYMALAINEN, Kimmo		. TSG#9:3.1.0	yes	yes

TS	23.087	User-to-User Signalling (UUS) ; Stage 2	R1999	3.1.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		. TSG#9:3.1.0	yes	yes
TS	23.088	Call Barring (CB) Supplementary Service ; Stage 2	R1999	3.2.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		TSG#7: 3.2.0 (not approved) TSG#9:3.2.0	yes	yes
TS	23.090	Unstructured Supplementary Service Data (USSD) ; Stage 2	R1999	3.2.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		. TSG#9:3.2.0	yes	yes
TS	23.091	Explicit Call Transfer (ECT) Supplementary Service ; Stage 2	R1999	3.2.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		. TSG#9:3.2.0	yes	yes
TS	23.093	Call Completion to Busy Subscriber (CCBS) ; Stage 2	R1999	3.2.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		. TSG#9:3.2.0	yes	yes
TS	23.094	Follow Me Stage 2	R1999	3.2.0	Dec 99	N4	-	..,		KYMALAINEN, Kimmo	Transfer>TSG#4. GSM only @TSG#5	Transfer>TSG#6. TSG#7: 3.1.0 TSG#9:3.2.0	yes	yes
TS	23.096	Name Identification Supplementary Service ; Stage 2	R1999	3.0.1	April 99	N4	-	..,		KYMALAINEN, Kimmo		.	yes	yes
TS	23.097	Multiple Subscriber Profile (MSP); Stage 2	R1999	3.1.1	Oct 99	N4	-	..,		KYMALAINEN, Kimmo	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.1.1	yes	yes
TS	23.101	General UMTS Architecture	R1999	3.0.1	Jun 99	S2	-	OLSSON, Magnus	Telefon AB LM Ericsson	SULTAN, Alain		.	yes	-
TS	23.107	Quality of Service, Concept and Architecture	R1999	3.4.0	Oct 99	S2	-	GREIS, Marc	NOKIA Corporation	SULTAN, Alain	was 23.907	TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	23.108	Mobile Radio Interface Layer 3 specification Core Network Protocols stage 2 (structured procedures)	R1999	3.2.0	Jun 99	N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban		TSG#7: 3.2.0	yes	yes
TS	23.110	UMTS Access Stratum Services and Functions	R1999	3.4.0	Mar 00	S2	-	LOPEZ-TORRES, Oscar	Deutsche Telekom MobilNet GmbH	SULTAN, Alain		TSG#7: 3.4.0	yes	yes
TS	23.116	Super Charger ; Stage 2	R1999	3.0.0	Mar 00	N4	-	ALLEN, Nicholas	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo	New after TSG#5	TSG#7:2.1.0, 3.0.0	yes	yes
TS	23.119	Gateway Location Register (GLR) ; Stage2	R1999	3.0.0	Mar 00	N4	-	SAWADA, Masahiro	NTT MOBILE COMMUNICATIONS NETWORK INC.	KYMALAINEN, Kimmo	New after TSG#5	Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99. TSG#7:2.0.0 (NP-000108) 3.0.0	yes	yes
TS	23.121	Architecture Requirements for release 99	R1999	3.4.0	Jun 99	S2	-	DANIEL, Elizabeth	Lucent Technologies Network Systems UK	SULTAN, Alain		TSG#7: 3.3.0 TSG#9:3.4.0	yes	yes

TS	23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	R1999	3.4.2	April 99	N1	-	HIETALAHTI, Hannu	NOKIA Corporation	AL -BAKRI, Ban		Created at TSG#6, CR@TSG#6, Was briefly 23.022. But regenerated from 03.22 in June99. Expect 3.1.0 to correct erroneous incorporation of a CR. Expect 3.1.1 to undo erroneously incorporated CR. TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	23.127	Virtual Home Environment; Stage 2	R1999	3.2.0	Mar 00	S2	-	GOURRAUD, Christophe	ERICSSON RESEARCH CANADA	SULTAN, Alain	Sept 00: "Open Service Architecture" removed from title.	TSG#7:2.0.0 (SP-000089) 3.0.0 TSG#8:3.1.0 TSG#9:3.2.0	yes	-
TS	23.135	Multicall ; Stage 2	R1999	3.2.0	Mar 00	N4	-	MITAMURA, Kazuo	NTT Communications Ware Corporation	KYMALAINEN, Kimmo		TSG#7:1.1.0->3.0.0 3.0.0 TSG#8:3.1.0 TSG#9:3.2.0	yes	-
TS	23.140	Multimedia Messaging Service (MMS)	R1999	3.0.1	Mar 00	T2	-	LAUMEN, Josef	ROBERT BOSCH GmbH	RODERMUND, Friedhelm		TSG#7: 2.0.0(TP-000028) 3.0.0	yes	yes
TS	23.171	Functional stage 2 description of location services in UMTS	R1999	3.1.0	Mar 00	S2	-	KÄLL, Jan	NOKIA Corporation	SULTAN, Alain		TSG#7:2.0.0 (SP-000090), 3.0.0 TSG#8:3.1.0	yes	-
TR	23.814	Separating RR and MM specific parts of the MS Classmark	R1999	3.1.0	Dec 99	N1	-	YOKOTA, Fumihiko	Fujitsu Limited	AL -BAKRI, Ban	New after TSG#5	TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.	yes	-
TR	23.908	Technical report on Pre-Paging	R1999	3.0.1	Jun 99	N4	-	..,		KYMALAINEN, Kimmo		.	yes	yes
TR	23.909	Technical report on the Gateway Location Register	R1999	3.0.1	Jun 99	N4	-	..,		KYMALAINEN, Kimmo		.	yes	yes
TR	23.910	Circuit switched data bearer services	R1999	3.2.0	Mar 00	N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David	03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)	TSG#6: 1.0.0 TSG#7:2.0.0->3.0.0 TSG#8:3.1.0 TSG#9:3.2.0	yes	-
TR	23.911	Technical report on Out-of-band transcoder control	R1999	3.0.1	Oct 99	N4	-	..,		KYMALAINEN, Kimmo		.	yes	yes
TR	23.912	Technical report on Super-Charger	R1999	3.0.2	Oct 99	N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo		.	yes	yes
TR	23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN	R1999	3.0.0	Dec 99	S2	-	HUBBARD, Elisabeth	TELIA AB	SULTAN, Alain		.	yes	yes
TR	23.930	Iu Principles	R1999	3.0.0	Jun 99	S2	-	..,		SULTAN, Alain		.	yes	-
TR	23.972	Circuit Switched Multimedia Telephony	R1999	3.0.0	Mar 00	N1	-	KAUHANEN, Timo	NOKIA Corporation	AL -BAKRI, Ban	New after TSG#5. Minor title change TSG#7.	TSG#7:1.0.0 (NP-000103), 3.0.0	yes	-
TS	24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	R1999	3.0.0	Mar 00	N1	-	VACANT,		AL -BAKRI, Ban		TSG#7: 3.0.0	yes	yes

TS	24.007	Mobile Radio Interface Signalling Layer 3 - General Aspects	R1999	3.5.0	Oct 99	N1	-	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	yes
TS	24.008	Mobile Radio Interface Layer 3 specification; Core Network Protocols ; Stage 3	R1999	3.5.0	April 99	N1	-	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to be resolved till Jun00.	CR@TSG#6, editorial mod later. TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	yes
TS	24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	R1999	3.1.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		TSG#8:3.1.0	yes	yes
TS	24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	R1999	3.4.0	Oct 99	N1	T2	NOBUYUKI, Uda	NTT Communications Ware Corporation	AL -BAKRI, Ban	Transfer>TSG#4	TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	yes
TS	24.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	R1999	3.0.0	Oct 99	G2	N2	..,		THOMASEN, Gert	Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12 R99) and shift responsibility to G2 (and should have been N2 anyway). Agreed to txfer to G2, but still as 24.012.	.	yes	yes
TS	24.022	Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface	R1999	3.4.0	April 99	N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David	CR at TSG#4 (post TSG#4 approval) includes title change	TSG#8:3.3.0 TSG#9:3.4.0	yes	yes
TS	24.030	Location Services LCS Stage 3 SS (MO-LR)	R1999	3.1.0	Jun 00	N4	-			KYMALAINEN, Kimmo	TSG#7: txfrd from SMG to 3GPP for R99.	TSG#7:Decision to create. TSG#8:3.1.0	yes	-
TS	24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) ; Stage 3	R1999	3.0.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		.	yes	yes
TS	24.072	Call Deflection Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		.	yes	yes
TS	24.080	Mobile radio Layer 3 Supplementary Service specification - Formats and coding	R1999	3.4.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		T1P1 CR @TSG#6. TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	yes
TS	24.081	Line Identification Supplementary Service ; Stage 3	R1999	3.1.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		TSG#8:3.1.0	yes	yes
TS	24.082	Call Forwarding Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		.	yes	yes
TS	24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		.	yes	yes

TS	24.084	MultiParty (MPTY) Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	..,			KYMALAINEN, Kimmo	.	yes	yes
TS	24.085	Closed User Group (CUG) Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	..,			KYMALAINEN, Kimmo	.	yes	yes
TS	24.086	Advice of Charge (AoC) Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	..,			KYMALAINEN, Kimmo	.	yes	yes
TS	24.087	User-to-User Signalling (UUS) ; Stage 3	R1999	3.0.0	April 99	N4	-	..,			KYMALAINEN, Kimmo	.	yes	yes
TS	24.088	Call Barring (CB) Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	..,			KYMALAINEN, Kimmo	.	yes	yes
TS	24.090	Unstructured Supplementary Service Data (USSD) ; Stage 3	R1999	3.0.0	April 99	N4	-	..,			KYMALAINEN, Kimmo	.	yes	yes
TS	24.091	Explicit Call Transfer (ECT) Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	..,			KYMALAINEN, Kimmo	.	yes	yes
TS	24.093	Call Completion to Busy Subscriber (CCBS) ; Stage 3	R1999	3.0.0	April 99	N4	-	..,			KYMALAINEN, Kimmo	.	yes	yes
TS	24.096	Name Identification Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	..,			KYMALAINEN, Kimmo	.	yes	yes
TS	24.135	Multicall Stage 3	R1999	3.1.0	Mar 00	N4	-	MITAMURA, Kazuo	NTT Communications Ware Corporation	KYMALAINEN, Kimmo	TSG#7:1.0.0->3.0.0 TSG#8:3.1.0	yes	-	
TS	25.101	UE Radio transmission and reception (FDD)	R1999	3.4.1	Oct 99	R4	-	FERNANDES, Edgar	MOTOROLA Ltd	GUTIERREZ MIGUELEZ, Cesar	TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-	
TS	25.102	UE Radio transmission and reception (TDD)	R1999	3.4.0	Oct 99	R4	-	KOTTKAMP, Meik	SIEMENS AG	GUTIERREZ MIGUELEZ, Cesar	TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-	
TS	25.104	UTRA (BS) FDD; Radio transmission and reception	R1999	3.4.0	Oct 99	R4	-	SKÖLD, Johan	ERICSSON Telecomunicazioni SpA	GUTIERREZ MIGUELEZ, Cesar	TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-	
TS	25.105	UTRA (BS) TDD: Radio transmission and reception	R1999	3.4.0	Oct 99	R4	-	KOTTKAMP, Meik	SIEMENS AG	GUTIERREZ MIGUELEZ, Cesar	TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-	
TS	25.113	Base station EMC	R1999	3.3.0	Dec 99	R4	-	BARNES, David	DTI - Department of Trade and Industry	GUTIERREZ MIGUELEZ, Cesar	TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-	
TS	25.123	Requirements for support of radio resource management (TDD)	R1999	3.3.0	Dec 99	R4	-	RONCHINI, M. Cristina	CSELT - Centro Studi e Laboratori Telecomunicazioni	GUTIERREZ MIGUELEZ, Cesar	TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-	
TS	25.133	Requirements for support of radio resource management (FDD)	R1999	3.3.0	Dec 99	R4	-	RONCHINI, M. Cristina	CSELT - Centro Studi e Laboratori Telecomunicazioni	GUTIERREZ MIGUELEZ, Cesar	TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-	
TS	25.141	Base station conformance testing (FDD)	R1999	3.3.0	Dec 99	R4	-	NAKAMURA, Takaharu	Fujitsu Limited	GUTIERREZ MIGUELEZ, Cesar	TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-	
TS	25.142	Base station conformance testing (TDD)	R1999	3.3.0	Dec 99	R4	-	MEYER, Juergen	SIEMENS AG	GUTIERREZ MIGUELEZ, Cesar	TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-	

TS	25.201	Physical layer -General Description	R1999	3.1.0	Oct 99	R1	-	TOSKALA, Antti	NOKIA Corporation	IKEDA, Shinobu		TSG#5: 3.0.0; edito post#6: 3.0.1. TSG#7: 3.0.2 TSG#8:3.1.0	yes	-
TS	25.211	Physical channels and mapping of transport channels onto physical channels (FDD)	R1999	3.4.0	Oct 99	R1	-	WILDE, Andreas	Nippon Ericsson K.K.	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.212	Multiplexing and channel coding (FDD)	R1999	3.4.0	Oct 99	R1	-	TANAKA, Yoshinori	FUJITSU Europe Telecom R & D Centre	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.213	Spreading and modulation (FDD)	R1999	3.3.0	Oct 99	R1	-	CHAMBERS, David	MOTOROLA Ltd	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0	yes	-
TS	25.214	Physical layer procedures (FDD)	R1999	3.4.0	Oct 99	R1	-	NAKAMURA, Takaharu	Fujitsu Limited	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.215	Physical layer; Measurements (FDD)	R1999	3.4.0	Oct 99	R1	-	..,		IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.221	Physical channels and mapping of transport channels onto physical channels (TDD)	R1999	3.4.0	Oct 99	R1	-	HIRAMATSU, Katsuhiko	Matsushita Communication Industrial Co, Ltd	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.222	Multiplexing and channel coding (TDD)	R1999	3.4.0	Oct 99	R1	-	KAHTAVA, Jussi	Nokia Japan Co. Ltd	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.223	Spreading and modulation (TDD)	R1999	3.4.0	Oct 99	R1	-	ITO, Kenji	Siemens K.K.	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.224	Physical layer procedures (TDD)	R1999	3.4.0	Oct 99	R1	-	OESTREICH, Stefan	SIEMENS AG	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.225	Physical layer; Measurements (TDD)	R1999	3.4.0	Oct 99	R1	-	..,		IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.301	Radio Interface Protocol Architecture	R1999	3.6.0	April 99	R2	-	GRANZOW, Wolfgang	ERICSSON Eurolab Deutschland GmbH	VAN DER VEEN, Hans		TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0	yes	-
TS	25.302	Services provided by the physical layer	R1999	3.6.0	Oct 99	R2	-	MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)	VAN DER VEEN, Hans	V3.0.0 approved via e-mail July 99 CR at TSG#5?	TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0	yes	-
TS	25.303	UE functions and inter-layer procedures in connected mode	R1999	3.5.0	Jun 99	R2	-	RINNE, Mikko J	Nokia Research Center	VAN DER VEEN, Hans		TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	-
TS	25.304	UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode	R1999	3.4.0	Oct 99	R2	-	MAHKONEN, Marko	NOKIA MOBILE PHONES	VAN DER VEEN, Hans		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.305	Stage 2 Functional Specification of Location Services in UTRAN (LCS)	R1999	3.3.0	Mar 00	R2	-	MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)	VAN DER VEEN, Hans	Created from 25.923	TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-
TS	25.321	Medium Access Control (MAC) Protocol Specification	R1999	3.5.0	Jun 99	R2	-	SITTE, Armin	SIEMENS AG	VAN DER VEEN, Hans		TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	-
TS	25.322	Radio Link Control (RLC) Protocol Specification	R1999	3.4.0	Oct 99	R2	-	DUMAZY, Jean	PHILIPS CONSUMER COMMUNICATION	VAN DER VEEN, Hans		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-

TS	25.323	Packet Data Convergence Protocol (PDCP) protocol	R1999	3.3.0	Dec 99	R2	-	HANS, Martin	ROBERT BOSCH GmbH	VAN DER VEEN, Hans		TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-
TS	25.324	Broadcast/Multicast Control (BMC)	R1999	3.2.0	Dec 99	R2	-	KRISCHAN, Peter	MANNESMANN Mobilfunk GmbH	VAN DER VEEN, Hans		TSG#7: 3.1.0 TSG#9:3.2.0	yes	-
TS	25.331	Radio Resource Control (RRC) Protocol Specification	R1999	3.4.1	Oct 99	R2	-	KUCHIBHOTLA, Ravi	MOTOROLA Ltd	VAN DER VEEN, Hans		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.401	UTRAN Overall Description	R1999	3.4.0	Oct 99	R3	-	CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)	TAYLOR, Carolyn	Approval at TSG#5	TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.402	Synchronisation in UTRAN Stage 2	R1999	3.3.0	Dec 99	R3	-	PIOLINI, Flavio	SIEMENS Information and Communication Networks SpA	TAYLOR, Carolyn	New	TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-
TS	25.410	UTRAN Iu Interface: General Aspects and Principles	R1999	3.2.0	Oct 99	R3	-	TOWNEND, Richard	BT	TAYLOR, Carolyn	Approval at TSG#5	TSG#7: 3.2.0	yes	-
TS	25.411	UTRAN Iu interface Layer 1	R1999	3.2.0	Jun 99	R3	-	BRANDT, Achim V.	SIEMENS AG	TAYLOR, Carolyn		TSG#7: 3.2.0	yes	-
TS	25.412	UTRAN Iu interface signalling transport	R1999	3.5.0	Jun 99	R3	-	THAKARE, Kiran	RadioScape Limited	TAYLOR, Carolyn		TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	-
TS	25.413	UTRAN Iu interface RANAP signalling	R1999	3.3.0	Dec 99	R3	-	JUSSILA, Jyrki	NOKIA Corporation	TAYLOR, Carolyn		TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-
TS	25.414	UTRAN Iu interface data transport & transport signalling	R1999	3.5.0	Jun 99	R3	-	COMSTOCK, David	Telefon AB LM Ericsson	TAYLOR, Carolyn		TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	-
TS	25.415	UTRAN Iu interface user plane protocols	R1999	3.4.0	Oct 99	R3	-	MAUPIN, Alain	Telefon AB LM Ericsson	TAYLOR, Carolyn	Approval at TSG#5	TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.419	UTRAN Iu interface: Cell broadcast protocols between SMS-CBC and RNC	R1999	3.2.0	Mar 00	R3	-	TAYLOR, Carolyn		TAYLOR, Carolyn	Created #6.	TSG#7: 2.0.0 (RP-000113) 3.0.0 TSG#8:3.1.0 TSG#9:3.2.0	yes	-
TS	25.420	UTRAN Iur Interface: General Aspects and Principles	R1999	3.2.0	Dec 99	R3	-	THAKARE, Kiran	RadioScape Limited	TAYLOR, Carolyn		TSG#7: 3.1.0 TSG#9:3.2.0	yes	-
TS	25.421	UTRAN Iur interface Layer 1	R1999	3.0.0	Jun 99	R3	-	BRANDT, Achim V.	SIEMENS AG	TAYLOR, Carolyn		.	yes	-
TS	25.422	UTRAN Iur interface signalling transport	R1999	3.4.1	Jun 99	R3	-	THAKARE, Kiran	RadioScape Limited	TAYLOR, Carolyn		TSG#7: 3.3.0 TSG#8:3.4.0	yes	-
TS	25.423	UTRAN Iur interface RNSAP signalling	R1999	3.3.0	Dec 99	R3	-	RUNE, Göran	Ericsson Radio System AB	TAYLOR, Carolyn		TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.2.0	yes	-
TS	25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams	R1999	3.4.0	Jun 99	R3	-	DREVON, Nicolas	ALCATEL CIT	TAYLOR, Carolyn		TSG#7:cr was to 3.0.0 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.425	UTRAN Iur interface user plane protocols for CCH data streams	R1999	3.2.0	Oct 99	R3	-	DREVON, Nicolas	ALCATEL CIT	TAYLOR, Carolyn		TSG#7: 3.1.0 TSG#8:3.2.0	yes	-
TS	25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams	R1999	3.4.0	Jun 99	R3	-	KEKKI, Sami	NOKIA Corporation	TAYLOR, Carolyn		TSG#7:cr was to 3.0.0 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams	R1999	3.4.0	Oct 99	R3	-	LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND	TAYLOR, Carolyn		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-

TS	25.430	UTRAN Iub Interface: General Aspects and Principles	R1999	3.3.0	Dec 99	R3	-	WILSON, Mick	FUJITSU Europe Telecom R & D Centre	TAYLOR, Carolyn		TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-
TS	25.431	UTRAN Iub interface Layer 1	R1999	3.0.0	Jun 99	R3	-	BRANDT, Achim V.	SIEMENS AG	TAYLOR, Carolyn		.	yes	-
TS	25.432	UTRAN Iub interface signalling transport	R1999	3.1.0	Jun 99	R3	-	WILSON, Mick	FUJITSU Europe Telecom R & D Centre	TAYLOR, Carolyn		.	yes	-
TS	25.433	UTRAN Iub interface NBAP signalling	R1999	3.3.0	Dec 99	R3	-	ISHIKAWA, Nobutaka	NTT Mobile Communications Network, Inc. (NTT DoCoMo)	TAYLOR, Carolyn		TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-
TS	25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams	R1999	3.3.0	Jun 99	R3	-	ALDEN, Magnus	Telia Research AB	TAYLOR, Carolyn		TSG#7: 3.2.0 TSG#9:3.3.0	yes	-
TS	25.435	UTRAN Iub interface user plane protocols for CCH data streams	R1999	3.4.0	Oct 99	R3	-	CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)	TAYLOR, Carolyn		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	25.442	UTRAN Implementation Specific O&M Transport	R1999	3.1.0	Oct 99	R3	-	RECKER, Stephan	MANNESMANN Mobilfunk GmbH	TAYLOR, Carolyn		TSG#7: 3.1.0	yes	-
TR	25.832	Manifestations of Handover and SRNS relocation	R1999	3.0.0	Oct 99	R3	-	TOWNEND, Richard	BT	TAYLOR, Carolyn		.	yes	-
TR	25.921	Guidelines and principles for protocol description and error handling	R1999	3.1.0	Dec 99	R2	-	DUMAZY, Jean	PHILIPS CONSUMER COMMUNICATION	VAN DER VEEN, Hans		TSG#7: 3.1.0	yes	-
TR	25.922	Radio Resource Management Strategies	R1999	3.3.0	Dec 99	R2	-	MAGNANI, Nicola Pio	CSELT - Centro Studi e Laboratori Telecomunicazioni	VAN DER VEEN, Hans		TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-
TR	25.925	Radio Interface for Broadcast/Multicast Services	R1999	3.2.0	Dec 99	R2	-	KRISCHAN, Peter	MANNESMANN Mobilfunk GmbH	VAN DER VEEN, Hans		TSG#7: 3.1.0 TSG#9:3.2.0	yes	-
TR	25.926	UE Radio Access capabilities definition	R1999	3.2.0	Mar 00	R2	-	LUNDSJÖ, Johan	Ericsson Radio System AB	VAN DER VEEN, Hans		TSG#7:2.0.0 (RP-000052), 3.0.0 TSG#8:3.1.0 TSG#9:3.2.0	yes	-
TR	25.931	UTRAN Functions, examples on signalling procedures	R1999	3.1.0	Mar 00	R3	-	SCARRONE, Enrico	TELECOM ITALIA S.p.A.	TAYLOR, Carolyn	New	TSG#7:1.2.4 (RP-000125) 1.2.4 TSG#8:2.0.0 TSG#9:3.1.0	yes	-
TR	25.941	Document structure	R1999	3.1.0	Dec 99	R4	-	TAKAMI, Tadao	NTT Mobile Communications Network, Inc. (NTT DoCoMo)	GUTIERREZ MIGUELEZ, Cesar		.	yes	-
TR	25.944	Channel coding and multiplexing examples	R1999	3.2.0	Mar 00	R1	-	NAKAMURA, Takaharu	Fujitsu Limited	IKEDA, Shinobu	Created Jan 2000 (aka R1.04)	TSG#7:1.0.1, 3.0.0 TSG#8:3.1.0 TSG#9:3.2.0	yes	-
TR	25.990	Vocabulary for UTRAN	R1999	3.0.0	Oct 99	R4	-	OKRAH, Peter	Motorola Inc.	GUTIERREZ MIGUELEZ, Cesar		.	yes	-
TS	26.071	AMR speech Codec; General description	R1999	3.0.1	Jun 99	S4	-	EKUDDEN, Erik	Telefon AB LM Ericsson	USAI, Paolino	Transfer>TSG#4	.	yes	-
TS	26.073	AMR speech Codec; C-source code	R1999	3.1.0	Dec 99	S4	-	EKUDDEN, Erik	Telefon AB LM Ericsson	USAI, Paolino		approved TSG#6. TSG#7: 3.1.0	yes	-
TS	26.074	AMR speech Codec; Test sequences	R1999	3.0.2	Dec 99	S4	-	EKUDDEN, Erik	Telefon AB LM Ericsson	USAI, Paolino	Transfer>TSG#4	.	yes	-
TS	26.090	AMR speech Codec; Transcoding Functions	R1999	3.1.0	Jun 99	S4	-	EKUDDEN, Erik	Telefon AB LM Ericsson	USAI, Paolino	Transfer>TSG#4	.	yes	-

TS	26.091	AMR speech Codec; Error concealment of lost frames	R1999	3.1.0	Jun 99	S4	-	EKUDDEN, Erik	Telefon AB LM Ericsson	USAI, Paolino	Transfer>TSG#4	.	yes	-
TS	26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	R1999	3.0.1	Jun 99	S4	-	EKUDDEN, Erik	Telefon AB LM Ericsson	USAI, Paolino	Transfer>TSG#4	.	yes	-
TS	26.093	AMR speech Codec; Source Controlled Rate operation	R1999	3.2.0	Jun 99	S4	-	EKUDDEN, Erik	Telefon AB LM Ericsson	USAI, Paolino	Transfer>TSG#4	TSG#8:3.2.0	yes	-
TS	26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	R1999	3.0.0	Oct 99	S4	-	..,		USAI, Paolino	Transfer>TSG#4	.	yes	-
TS	26.101	AMR speech Codec; Frame Structure	R1999	3.1.0	Dec 99	S4	-	HAGQVIST, Jari	NOKIA Corporation	USAI, Paolino		TSG#7: 3.1.0	yes	-
TS	26.102	AMR speech Codec; Interface to lu and Uu	R1999	3.1.0	Dec 99	S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		TSG#7: 3.1.0	yes	-
TS	26.103	Codec lists	R1999	3.0.0	Dec 99	S4	-	HELLWIG, Karl	ERICSSON Eurolab Deutschland GmbH	USAI, Paolino	New after TSG#5	.	yes	-
TS	26.104	AMR speech Codec; Floating point C-Code	R1999	3.0.0	Mar 00	S4	-	..,		USAI, Paolino		New at TSG#6. TSG#7:0.3.0 (SP-000022) 0.3.0 TSG#8:3.0.0 (1.0.0)	yes	-
TS	26.110	Codec for Circuit switched Multimedia Telephony Service; General Description	R1999	3.0.1	Jun 99	S4	-	ARONSON, Barry	TOSHIBA CO	USAI, Paolino		.	yes	-
TS	26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	R1999	3.3.0	Jun 99	S4	-	ARONSON, Barry	TOSHIBA CO	USAI, Paolino	CR at TSG#5	TSG#8:3.2.0 TSG#9:3.3.0	yes	-
TS	26.131	Narrow Band (3,1kHz) Speech & Video Telephony Terminal Acoustic Characteristics	R1999	3.1.0	Dec 99	S4	-	GOETZ, Ian	TELLABS OPERATIONS INC.	USAI, Paolino		TSG#8:3.1.0	yes	-
TS	26.132	Narrow Band (3,1kHz) Speech & Video Telephony Terminal Acoustic Test Specification.	R1999	3.1.0	Jun 00	S4	-	GOETZ, Ian	TELLABS OPERATIONS INC.	USAI, Paolino		Feb00: 0.0.1 TSG#8:3.0.0 (1.0.0) TSG#9:3.1.0	yes	-
TR	26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide	R1999	3.2.1	Jun 99	S4	-	HAAVISTO, Petri	Nokia Research Center	USAI, Paolino		Oct00:3.2.1	yes	-
TR	26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G	R1999	3.0.0	Mar 00	S4	-	FRANCESCHI, Olle	Nippon Ericsson K.K.	USAI, Paolino		TSG#7:2.0.0 (SP-000019), 3.0.0	yes	-
TR	26.915	QoS for Speech and Multimedia Codec; Quantitative performance evaluation of real-time packet switched multimedia services over 3G	R1999	3.0.0	Mar 00	S4	-	GOETZ, Ian	TELLABS OPERATIONS INC.	USAI, Paolino	May00: May be converted to TS 26.115 some time in future.	TSG#7:1.0.0 (SP-000020), 3.0.0	yes	-
TS	27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	R1999	3.6.0	April 99	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0	yes	yes
TS	27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	R1999	3.5.0	April 99	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	yes

TS	27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	R1999	3.5.0	April 99	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	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)	R1999	3.1.0	Jun 99	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		.	yes	yes
TS	27.007	AT command set for 3G User Equipment (UE)	R1999	3.6.0	Jun 99	T2	-	NOVAK, Lars	Telefon AB LM Ericsson	RODERMUND, Friedhelm		TSG#8:3.5.0 TSG#9:3.6.0	yes	yes
TS	27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol User Equipment (UE)	R1999	3.3.0	Jun 99	T2	-	NOVAK, Lars	Telefon AB LM Ericsson	RODERMUND, Friedhelm		additional CR for R99 on UMTS amendments expected at TSG-T#7. TSG#7: 3.3.0	yes	yes
TS	27.060	GPRS Mobile Stations supporting GPRS	R1999	3.4.0	April 99	N3	-	HEATON, Graham	RTS Wireless International Ltd.	BOSWARTHICK, David		TSG#7: 3.4.0	yes	yes
TS	27.103	Wide Area Network Synchronisation	R1999	3.1.0	Oct 99	T2	-	LOCKHART, Rob	MOTOROLA	RODERMUND, Friedhelm		TSG#8:3.1.0 but this CR not impementable. TSG#9:3.1.0	yes	yes
TR	27.901	Report on Terminal Interfaces - An Overview	R1999	3.0.0	Dec 99	T2	-	REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB	RODERMUND, Friedhelm		.	yes	-
TR	27.903	Discussion of Synchronisation Standards	R1999	3.0.0	Oct 99	T2	-	LOCKHART, Rob	MOTOROLA	RODERMUND, Friedhelm		.	yes	-
TS	29.002	Mobile Application Part (MAP)	R1999	3.6.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0	yes	yes
TS	29.007	General requirements on Interworking between the PLMN and the ISDN or PSTN	R1999	3.6.0	April 99	N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David		TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0	yes	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)	R1999	3.3.0	Oct 99	N4	-	..,		KYMALAINEN, Kimmo	Transfer>TSG#4 (transfer??)	TSG#7: 3.2.0 TSG#9:3.3.0	yes	yes
TS	29.011	Signalling Interworking for Supplementary Services	R1999	3.0.0	April 99	N4	-	..,		KYMALAINEN, Kimmo		.	yes	yes
TS	29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	R1999	3.0.0	Oct 99	N4	-	..,		KYMALAINEN, Kimmo	Transfer>TSG#4	.	yes	yes
TS	29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	R1999	3.1.0	April 99	N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		. TSG#9:3.1.0	yes	yes
TS	29.018	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Layer 3 Specification	R1999	3.4.1	April 99	N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		TSG#7: 3.3.0 TSG#9:3.4.0	yes	yes

TS	29.060	GPRS Tunnelling protocol (GTP) across the Gn and Gp interface	R1999	3.6.0	April 99	N4	-	OLTEDAL, Einar	Telefon AB LM Ericsson	KYMALAINEN, Kimmo		TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0	yes	yes
TS	29.061	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet	R1999	3.4.0	April 99	N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David		TSG#7: 3.3.0 TSG#9:3.4.0	yes	yes
TS	29.078	CAMEL; Stage 3	R1999	3.5.0	Oct 99	N2	-	NOLDUS, Rogier	Telefon AB LM Ericsson	JORGENSEN, Per Johan	Transfer>TSG#4	CR@TSG#6, note version changes are not available, 3.1.0 was not created. TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	yes
TS	29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface	R1999	3.0.0	Jun 00	R3	-	VESELY, Alexander	SIEMENS AG	TAYLOR, Carolyn	TSG#8:Appeared as v2.0.0 (RP-000258)	TSG#8:3.0.0 (2.0.0)	yes	-
TS	29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	R1999	3.0.0	Mar 00	N4	-	AIKAWA, Shinichiro	Fujitsu Limited	KYMALAINEN, Kimmo	New after TSG#5	Functionally frozen by CN#6. TSG#7:2.0.0 (TP-000107) 3.0.0	yes	-
TS	29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3	R1999	3.1.0	Mar 00	N4	-	MITAMURA, Kazuo	NTT Communications Ware Corporation	KYMALAINEN, Kimmo	New after TSG#5	Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99. TSG#7:2.0.0 3.0.0 TSG#9:3.1.0	yes	-
TS	29.198	Open Services Architecture API part 1	R1999	3.1.0	Jun 00	N5	-	HU, Yun Chao	Nippon Ericsson K.K.	JORGENSEN, Per Johan	OSA subgroup. Was incorrectly shown as a TR; fixed @N#9.	TSG#7:1.0.0 (TP-000056) 1.0.0 TSG#8:3.0.0 (2.0.0) TSG#9:3.1.0	yes	-
TR	29.998	Open Services Architecture API part 2	R1999	3.1.0	Jun 00	N5	-	HU, Yun Chao	Nippon Ericsson K.K.	JORGENSEN, Per Johan	OSA subgroup	TSG#7:1.0.0 (TP-000057) 1.0.0 TSG#8:3.0.0 (2.0.0) TSG#9:3.1.0	yes	-
TS	31.101	UICC-terminal interface; Physical and logical characteristics	R1999	3.3.0	Dec 99	T3	SCP	VESTERGAARD, Peter	NOKIA UK Ltd	SANDERS, Michael	TSG#9: txferred from T2 to ETSI SCP as TR 102 221. So removed from 3gpp spec list.	TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-
TS	31.102	Characteristics of the USIM Application	R1999	3.3.0	Dec 99	T3	-	HEIM, Christian	GIESECKE & DEVRIENT GmbH	SANDERS, Michael		TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-
TS	31.110	Numbering system for telecommunication IC card applications	R1999	3.2.0	Dec 99	T3	-	DIETRICH, Christian	Schlumberger Industries	SANDERS, Michael		TSG#7: 3.1.0 TSG#9:3.2.0	yes	-
TS	31.111	USIM Application Toolkit (USAT)	R1999	3.2.0	Mar 00	T3	-	WOODSEND, Kristian	ASPECTS Software Ltd	SANDERS, Michael		TSG#7: 3.0.0 TSG#8:3.1.0 TSG#9:3.2.0	yes	-
TS	32.005	Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS) domain	R1999	3.2.0	Jun 00	S5	-	KOBYLARZ, Thaddeus	AT&T Corp.	ZOICAS, Adrian		Title change. TSG#7: TSG#8:3.1.0->3.2.0 when fully implemented.	yes	-

TS	32.015	Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS) domain	R1999	3.3.0	Jun 00	S5	-	KOBYLARZ, Thaddeus	AT&T Corp.	ZOICAS, Adrian		Title change. TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-
TS	32.101	3G Telecom Management principles and high level requirements	R1999	3.2.0	Mar 00	S5	-	TRUSS, Michael	MOTOROLA Ltd	ZOICAS, Adrian		Outstanding R99 issues. TSG#7: 3.1.0 TSG#8:3.2.0	yes	-
TS	32.102	3G Telecom Management Architecture	R1999	3.2.0	Mar 00	S5	-	BERGGREN, Tommy	Telia Mobile AB	ZOICAS, Adrian		Outstanding R99 issues. TSG#7: 3.1.0 TSG#8:3.2.0	yes	-
TS	32.104	3G Performance Management	R1999	3.3.0	Mar 00	S5	-	NENNER, Karl-Heinz	Deutsche Telekom MobilNet GmbH	ZOICAS, Adrian		Outstanding R99 issues. TSG#7: 3.1.0 TSG#8:3.2.0 TSG#9:3.3.0	yes	-
TS	32.106-1	Telecommunication Management; Configuration Management; Part 1: 3G configuration management; Concept and requirements	R1999	3.1.0	Mar 00	S5	-	PIRT, Trevor	MOTOROLA Ltd	ZOICAS, Adrian	TSG#8: split into eight parts	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0	yes	-
TS	32.106-2	Telecommunication Management; Configuration Management; Part 2: Notification Integration Reference Point; Information Service version 1	R1999	3.1.0	Mar 00	S5	-	TSE, Edwin	ERICSSON RESEARCH CANADA	ZOICAS, Adrian	TSG#8: split into eight parts	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0	yes	-
TS	32.106-3	Telecommunication Management; Configuration Management; Part 3: Notification Integration Reference Point; CORBA solution set version 1:1	R1999	3.1.0	Mar 00	S5	-	SCHEER, Randal	Lucent Technologies	ZOICAS, Adrian	TSG#8: split into eight parts	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0	yes	-
TS	32.106-4	Telecommunication Management; Configuration Management; Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1	R1999	3.1.0	Mar 00	S5	-	ZHOU, Di	SIEMENS AG	ZOICAS, Adrian	TSG#8: split into eight parts	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0	yes	-
TS	32.106-8	Telecommunication Management; Configuration Management; Part 8: Name convention for Managed Objects	R1999	3.1.0	Mar 00	S5	-	TOVINGER, Thomas	Telefon AB LM Ericsson	ZOICAS, Adrian	TSG#8: split into eight parts	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0	yes	-
TS	32.111-1	Telecommunication Management; Fault Management; Part 1: 3G fault management requirements	R1999	3.2.0	Jun 00	S5	-	JURE, Patrick	Lucent Technologies France	ZOICAS, Adrian	TSG#8: split into 4 parts	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0 TSG#9:3.2.0	yes	-
TS	32.111-2	Telecommunication Management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service	R1999	3.2.0	Jun 00	S5	-	JURE, Patrick	Lucent Technologies France	ZOICAS, Adrian	TSG#8: split into 4 parts	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0 TSG#9:3.2.0	yes	-

TS	32.111-3	Telecommunication Management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1	R1999	3.2.0	Jun 00	S5	-	JURE, Patrick	Lucent Technologies France	ZOICAS, Adrian	TSG#8: split into 4 parts	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0 TSG#9:3.2.0	yes	-
TS	32.111-4	Telecommunication Management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set	R1999	3.1.1	Jun 00	S5	-	JURE, Patrick	Lucent Technologies France	ZOICAS, Adrian	TSG#8: split into 4 parts	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0	yes	-
TS	33.102	Security Architecture	R1999	3.6.0	Mar 00	S3	-	VINCK, Bart	SIEMENS AG	POPE, Maurice		TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0	yes	-
TS	33.103	Security Integration Guidelines	R1999	3.4.0	Oct 99	S3	-	BLANCHARD, Colin	BT	POPE, Maurice		TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0	yes	-
TS	33.105	Cryptographic Algorithm requirements	R1999	3.5.0	Jun 99	S3	-	CHIKAZAWA, Takeshi		POPE, Maurice		TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0	yes	-
TS	33.106	Lawful interception requirements	R1999	3.1.0	Jun 00	S3	-	WILHELM, Berthold	Reg TP	POPE, Maurice		.	yes	-
TS	33.107	Lawful interception architecture and functions	R1999	3.0.0	Dec 99	S3	-	WILHELM, Berthold	Reg TP	POPE, Maurice		New at TSG#6 approved	yes	-
TS	33.120	Security Objectives and Principles	R1999	3.0.0	April 99	S3	-	WRIGHT, Tim	BT	POPE, Maurice		.	yes	-
TR	33.901	Criteria for cryptographic Algorithm design process	R1999	3.0.0	Jun 99	S3	-	BLOM, Rolf	Telefon AB LM Ericsson	POPE, Maurice		.	yes	-
TR	33.902	Formal Analysis of the 3G Authentication Protocol	R1999	3.1.0	Oct 99	S3	-	HORN, Guenther	SIEMENS AG	POPE, Maurice		.	yes	-
TR	33.908	Security Algorithms Group of Experts (SAGE); General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms	R1999	3.0.0	Mar 00	S3	-	WALKER, Michael	VODAFONE Group Plc	POPE, Maurice	TSG#7: S3-000105=NP-000049	TSG#7 SP-000039	yes	-
TS	34.108	Common Test Environments for User Equipment (UE) Conformance Testing	R1999	3.1.0	Jun 00	T1	-	CHALABI, Nouhman	Anite Telecoms Ltd.	SALMERON, Lidia		TSG#7:(TP-000032) 1.0.0, 1.0.1 TSG#8:aprvl is controversial TSG#8:3.0.0 (2.0.0) TSG#9:3.1.0	yes	-
TS	34.109	Logical Test Interface (TDD and FDD)	R1999	3.1.0	Jun 00	R2	T1	MATTISSON, Leif	Telefon AB LM Ericsson	VAN DER VEEN, Hans	TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. TSG#9: Stable, so txfered from T1 to R2.	Feb00: 1.1.0 TSG#7: 1.2.0 TSG#8:3.0.0 (2.0.0) TSG#9:3.1.0	yes	-
TS	34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)	R1999	3.2.0	Mar 00	T1	-	HIGUCHI, Kenji	ADVANTEST Corporation	SALMERON, Lidia		TSG#7: 2.0.0(TP-000033), 3.0.0 TSG#8:3.1.0 TSG#9:3.2.0	yes	-

TS	34.122	Terminal Conformance Specification, Radio Transmission and Reception (TDD)	R1999	3.1.0	Jun 00	T1	-	MAUCKSCH, Thomas	ROHDE & SCHWARZ GmbH & Co.KG	SALMERON, Lidia		TSG#7: 1.2.0 TSG#8:3.0.0 (2.0.0) TSG#9:3.1.0	yes	-
TS	34.123-1	UE Conformance Specification, Part 1 – Conformance specification	R1999	3.1.0	Jun 00	T1	-	SALMERON, Lidia	ETSI Secretariat	SALMERON, Lidia		TSG#8:3.0.0 (2.0.0) TSG#9:3.1.0	yes	-
TS	34.123-2	UE Conformance Specification, Part 2 – ICS	R1999	3.1.0	Dec 00	T1	-	HU, Shicheng	ETSI Secretariat	SALMERON, Lidia		TSG#7: 1.0.1 TSG#8: aprvl target postponed to end-00;TP-000137 TSG#9:2.0.0->3.1.0 (no 3.0.0 to keep in step with part 1).	yes	-
TS	34.124	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment	R1999	3.1.0	Mar 00	T1	-	SOERENSEN, Ole	NOKIA MOBILE PHONES	SALMERON, Lidia		TSG#7: 2.0.1(SP-000034), 3.0.0 TSG#9:3.1.0	yes	-
TR	34.907	Report on electrical safety requirements and regulations	R1999	3.0.0	Oct 99	T2	-	IIMORI, Eiji	Toshiba Corporation	RODERMUND, Friedhelm		.	yes	-
TR	34.925	Specific Absorption Rate (SAR) requirements and regulations in different regions	R1999	3.0.0	Jun 99	T2	-	JOHNSSON, Sven	Telefon AB LM Ericsson	RODERMUND, Friedhelm		.	yes	-
TS	35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications	R1999	3.1.0	Mar 00	S3	-	WALKER, Michael	VODAFONE Group Plc	POPE, Maurice	ex SAGE - not publicly available; supplied by ETSI under licenceE	TSG#7: 3.1.0 ex SAGE 3.1.0	yes	-
TS	35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification	R1999	3.1.0	Mar 00	S3	-	WALKER, Michael	VODAFONE Group Plc	POPE, Maurice	ex SAGE - not publicly available; supplied by ETSI under licence	TSG#7: 3.1.0 ex SAGE 3.1.0	yes	-
TS	35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data	R1999	3.1.0	Mar 00	S3	-	WALKER, Michael	VODAFONE Group Plc	POPE, Maurice	ex SAGE - not publicly available; supplied by ETSI under licence	TSG#7: 3.1.0 ex SAGE 3.1.0	yes	-
TS	35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data	R1999	3.1.0	Mar 00	S3	-	WALKER, Michael	VODAFONE Group Plc	POPE, Maurice	ex SAGE - not publicly available; supplied by ETSI under licence	TSG#7: 3.1.0 ex SAGE 3.1.0	yes	-
			R1998											
Typ e	Number	Title	Rel	current vers	frozen	WG pri me	WG other	rappporteur	rapp org	MCC support	general remarks	version remarks	U	G
TR	01.00	Working Procedures for SMG	R1998	7.2.0		SP	-	BERGMANN, Ansgar	ETSI Secretariat	POPE, Maurice		#27: 7D1.0 #28: 7.0.0 #29:7.1.0 #30: 7.2.0	-	yes
TR	01.04	Abbreviations and Acronyms	R1998	7.0.0		GP	-	CLAYTON, Michael	ETSI Secretariat	USAI, Paolino		#29: 7.0.0	-	yes
TR	01.31	Fraud Information Gathering System (FIGS); Service requirements ; Stage 0	R1998	7.0.1		S3	-	WRIGHT, Tim	BT	POPE, Maurice		#23: 5.0.0 #25: 7.0.0 (5.x.y withdrawn) #26: 7.0.1	-	yes
TR	01.33	Lawful Interception requirements for GSM	R1998	7.0.0		S3	-	MCKIBBEN, Bernie	MOTOROLA GmbH	POPE, Maurice		#25: 7.0.0 (renumbered from 10.20)	-	yes

01.56	GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements	R1998	7.0.0		S1	-	MESSIET, Samira	ALCATEL France	CLAYTON, Michael		#28 for info #29: 7.0.0	-	yes
02.01	Principles of Telecommunication Services Supported by a GSM Public Land Mobile Network(PLMN)	R1998	7.1.0		S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael		#28: 7.0.0 #29: 7.1.0	-	yes
02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	R1998	7.0.2		S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		#28: 7.0.0	-	yes
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	R1998	7.0.0		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#29: 7.0.0	-	yes
02.04	General on Supplementary Services	R1998	7.1.2		S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		#25: 7.0.0 #28: 7.1.0 #29: 7.1.1	-	yes
02.06	Types of Mobile Stations (MS)	R1998	7.0.1		S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#29: 7.0.0	-	yes
02.07	Mobile Station (MS) Features	R1998	7.1.0		S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#27: 7.0.0 TSG#7:7.1.0	-	yes
02.09	Security Aspects	R1998	7.1.0		S3	S1 / NP	CHRISTOFFERSSON, Per	TELIA AB	POPE, Maurice		#29: 7.0.0 #31:7.1.0	-	yes
02.11	Service Accessibility	R1998	7.0.1		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#27: 7.0.0	-	yes
02.16	International Mobile Station Equipment Identities (IMEI)	R1998	7.2.0		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#29: 7.0.0 #30: 7.1.0 TSG#8:7.2.0	-	yes
02.17	Subscriber Identity Modules, Functional Characteristics	R1998	7.1.1		T3	S1	HOOKER, Philip	ORANGE PCS LTD	SANDERS, Michael		7.1.0	-	yes
02.19	Subscriber Identity Module Application Programming Interface (SIM API); Service description; Stage 1	R1998	7.1.0		T3	-	DIETRICH, Christian	Schlumberger Industries	SANDERS, Michael	SMG9->T3@#31	#27: 7.0.0 #29: 7.1.0	-	yes
02.22	Stage 1 for Personalisation of GSM ME	R1998	7.0.0		S1		DURAND, Romain	ALCATEL France	CLAYTON, Michael		#29: 7.0.0	-	yes
02.24	Description of Charge Advice Information (CAI)	R1998	7.0.0		S1		DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael		#29: 7.0.0	-	yes
02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	R1998	7.1.0		S1		JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#28: 7.0.0 #29: 7.1.0	-	yes
02.31	Fraud Information Gathering System (FIGS) Service description ; Stage 1	R1998	7.1.1		S3		WRIGHT, Tim	BT	POPE, Maurice		#23: 5.0.0 #25: 7.0.0 #26: 7.1.0 (5.0.0 withdrawn)	-	yes
02.32	Immediate Service Termination (IST); Service description ; Stage 1	R1998	7.1.1		S3		WRIGHT, Tim	BT	POPE, Maurice		#25: 7.0.0 #26: 7.1.0	-	yes
02.33	Lawful Interception ; Stage 1	R1998	7.3.0		S3		MCKIBBEN, Bernie	MOTOROLA GmbH	POPE, Maurice		#20: 5.0.0 #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0 #29: 7.3.0	-	yes
02.34	High Speed Circuit Switched Data (HSCSD) ; Stage 1	R1998	7.0.0		S1		MUHONEN, Ahti	NOKIA Corporation	CLAYTON, Michael		#29: 7.0.0	-	yes
02.40	Procedures for Call Progress Indications	R1998	7.0.1		S1	NP	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	R99 -> 22.101	#27: 7.0.0	-	yes
02.41	Operator Determined Barring	R1998	7.0.0		S1		..,		CLAYTON, Michael		#29: 7.0.0	-	yes

02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1	R1998	7.0.0		S1		GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#29: 7.0.0	-	yes
02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1	R1998	7.3.0		S1		KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael		#27: 7.0.0 #29: 7.1.0 TSG#5 7.2.0 TSG#8:7.3.0	-	yes
02.48	Security mechanisms for the SIM Application Toolkit; Stage 1	R1998	7.0.0		T3	S3	BARNES, Nigel	MOTOROLA Ltd	SANDERS, Michael	SMG9->T3@#31	#29: 7.0.0	-	yes
02.53	Tandem Free Operation (TFO); Service description; Stage 1	R1998	7.0.1		S4		NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino	SMG11->S4 at SMG#30	#25: 7.0.0 (5.x.y withdrawn)	-	yes
02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	R1998	7.2.0		S1	-	GALLIGO, Michel	ALCATEL France	CLAYTON, Michael		#27: 7.0.0 #28: 7.1.0 #29: 7.2.0	-	yes
02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1	R1998	7.1.0		S1	-	..,		CLAYTON, Michael		#25: 7.0.0 #29: 7.1.0	-	yes
02.60	General Packet Radio Service Stage 1 Description	R1998	7.5.0		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.2.0 TSG#5 7.3.0. Suspect TSG#5 CR not approved. TSG#7: 7.4.0 TSG#8:7.5.0	-	yes
02.63	Packet Data on Signalling channels Service (PDS) ; Stage 1	R1998	7.0.0		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#29: 7.0.0	-	yes
02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1	R1998	7.1.0		S1	-	..,		CLAYTON, Michael		#24: 5.0.0 #25: 7.0.0 (5.0.0 withdrawn) TSG#7: 7.1.0	-	yes
02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP) ; Stage 1	R1998	7.0.0		S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#29: 7.0.0	-	yes
02.68	Voice Group Call Service (VGCS) ; Stage 1	R1998	7.0.1		S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#28: 7.0.0	-	yes
02.69	Voice Broadcast Service (VBS) ; Stage 1	R1998	7.0.2		S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#28: 7.0.0	-	yes
02.71	Location Services (LCS) ; Stage 1	R1998	7.2.0		S1	-			CLAYTON, Michael		#28: 1.0.0 #29: 7.0.0 TSG#5 7.1.0 TSG#6: 7.2.0	-	yes
02.72	Call Deflection Service description, Stage 1	R1998	7.2.1		S1	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#19: 5.0.0 #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0	-	yes
02.76	Noise Suppression for the AMR	R1998	8.0.0		S4	-	..,		USAI, Paolino		#29: 2.0.0 but approval status unclear. R98 or R99? Conclusion: was approved, R99.	-	yes
02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	R1998	7.0.0		S1	-	KLEIER, Stephan	MANNESMANN Mobilfunk GmbH	CLAYTON, Michael		#29: 7.0.0	-	yes

02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)	R1998	7.0.0		S1	-	FREY, Sophie	CEGETEL	CLAYTON, Michael		#29: 7.0.0	-	yes
02.81	Line Identification Supplementary Services ; Stage 1	R1998	7.0.0		S1	-	BLOMSTRAND, Ola	TELIA AB	CLAYTON, Michael		#29: 7.0.0	-	yes
02.82	Call Forwarding (CF) Supplementary Services ; Stage 1	R1998	7.0.1		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#28: 7.0.0	-	yes
02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services ; Stage 1	R1998	7.0.0		S1	-	..,		CLAYTON, Michael		#29: 7.0.0	-	yes
02.84	MultiParty (MPTY) Supplementary Services ; Stage 1	R1998	7.0.0		S1	-	POSTMANN, Erwin	SIEMENS AG	CLAYTON, Michael		#29: 7.0.0	-	yes
02.85	Closed User Group (CUG) Supplementary Services ; Stage 1	R1998	7.0.0		S1	-	BLOMSTRAND, Ola	TELIA AB	CLAYTON, Michael		#29: 7.0.0	-	yes
02.86	Advice of Charge (AoC) Supplementary Services ; Stage 1	R1998	7.0.0		S1	-	CRAWFORD, Ian	VODAFONE Group Plc	CLAYTON, Michael		#29: 7.0.0	-	yes
02.87	User-to-User Signalling (UUS) Service Description, Stage 1	R1998	7.1.2		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#18: 5.0.0 #20: 5.1.0 #21: 5.2.0 #23: 5.3.0 #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.1.1	-	yes
02.88	Call Barring (CB) Supplementary Services ; Stage 1	R1998	7.0.0		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#29: 7.0.0	-	yes
02.90	Stage 1 Decision of Unstructured Supplementary Service Data (USSD)	R1998	7.0.0		S1	-	SLOTTE, Sverre	NOKIA Corporation	CLAYTON, Michael		#29: 7.0.0	-	yes
02.91	Explicit Call Transfer (ECT)	R1998	7.0.0		S1	-	POSTMANN, Erwin	SIEMENS AG	CLAYTON, Michael		#29: 7.0.0	-	yes
02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description ; Stage 1	R1998	7.0.0		S1	-	..,		CLAYTON, Michael		#29: 7.0.0	-	yes
02.95	Digital cellular telecommunications system (Phase 2+); Support of Private Numbering Plan (SPNP); Service description, Stage 1	R1998	7.0.0		S1	-	..,		CLAYTON, Michael		#29: 7.0.0	-	yes
02.96	Name Identification Supplementary Services; Stage 1	R1998	7.0.0		S1	-			CLAYTON, Michael		#29: 7.0.0	-	yes
02.97	Multile Subscriber Profile (MSP) Service description, Stage 1	R1998	7.1.0		S1	-	..,		CLAYTON, Michael		#19: 5.0.0 #22: 5.1.0 #23: 5.2.0 #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0	-	yes
03.01	Network Functions	R1998	7.0.0		S2	NP	GAASVIK, Per-Ola	COMVIQ GSM AB	SULTAN, Alain	SMG3->SA2 @ TSG#7	#29:7.0.0	-	yes
03.02	Network Architecture	R1998	7.1.0		S2	NP / T2	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain		#29: 7.0.0 S#6: 7.1.0	-	yes

	03.03	Numbering, Addressing and Identification	R1998	7.5.0		N4	T2	GAASVIK, Per-Ola	COMVIQ GSM AB	KYMALAINEN, Kimmo		#25: 6.0.0 #26: 6.1.0 #28: 7.0.0 #29: 7.1.0 TSG#5 7.2.0 TSG#6 7.3.0 edito:7.3.1 TSG#7: 7.4.0 TSG#8:7.5.0	-	yes
TR	03.05	Technical performance objectives	R1998	7.0.0		NP	-	..,		BOSWARTHICK, David		#29: 7.0.0	-	yes
	03.07	Restoration Procedures	R1998	7.1.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		#29: 7.0.0 N#6: 7.1.0	-	yes
	03.08	Organization of Subscriber Data	R1998	7.4.0		N4	-	BAUER, Rolf	ALCATEL SEL AG	KYMALAINEN, Kimmo		#28: 7.0.0 #29: 7.1.0 TSG#6: 7.2.0 TSG#7: 7.3.0 TSG#9:7.4.0	-	yes
	03.09	Handover Procedures	R1998	7.0.0		N1	-	FARHOUMAND, Rouzbeh	Ericsson Incorporated	AL -BAKRI, Ban		#29: 7.0.0	-	yes
	03.10	GSM Public Land Mobile Network (PLMN) Connection Types	R1998	7.0.1		N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David		#27: 7.0.0	-	yes
	03.11	Technical Realization of Supplementary Services - General Aspects	R1998	7.0.1		N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
	03.12	Location Registration Procedures	R1998	7.0.0		N4	-	GAASVIK, Per-Ola	COMVIQ GSM AB	KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
	03.13	Discontinuous Reception (DRX) in the GSM System	R1998	7.0.0		GP	-	..,		USAI, Paolino		#29: 7.0.0	-	yes
	03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	R1998	7.0.1		N1	-	..,		AL -BAKRI, Ban		#28: 7.0.0	-	yes
	03.15	Technical Realization of Operator Determined Barring	R1998	7.0.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
	03.16	Subscriber Data Management	R1998	7.4.0		N4	-	DETTNER, Harald	SIEMENS AG	KYMALAINEN, Kimmo		#28: 7.0.0 SMG#29: 7.1.0 TSG#6: 7.2.0 TSG#7: 7.3.0 TSG#9:7.4.0	-	yes
	03.18	Basic Call Handling	R1998	7.4.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		#28: 7.0.0 SMG#29: 7.1.0 TSG#5 7.2.0 TSG#7: 7.3.0 TSG#9:7.4.0	-	yes
	03.19	GSM API for SIM toolkit stage 2	R1998	7.3.0		T3	-	DIETRICH, Christian	Schlumberger Industries	SANDERS, Michael	SMG9->T3@#31	#28: 1.0.0 SMG#29: 7.0.0 #31:7.1.0 TSG#8:7.2.0 TSG#9:7.3.0	-	yes
	03.20	Security-related Network Functions	R1998	7.3.0		S3	NP / GP	NGUYEN NGOC, Sebastien	France Telecom R&D	POPE, Maurice		#28: 7.0.0 SMG#29: 7.1.0 #30: 7.2.0 #32:7.3.0 - doubt whether this will be produced.	-	yes
	03.22	Functions Related to Mobile Station (MS) in Idle Mode	R1998	7.3.0		G2	N1	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert	Moved from SMG3 Jan 2000	#28: 7.0.0 SMG#29: 7.1.0 #30: 7.2.0 tsg#6: 7.3.0 but TSG has no right to do so!	-	yes
TR	03.26	Multiband operation of GSM/DCS 1800 by a single operator	R1998	7.0.0		GP	NP	..,		USAI, Paolino		#29: 7.0.0	-	yes
TR	03.30	Radio Network Planning Aspects	R1998	7.1.0		GP	-	STEVENS, Peter John	One 2 one	USAI, Paolino		#29: 7.0.0 #31:7.1.0	-	yes

	03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2	R1998	7.0.0		S3	-	WRIGHT, Tim	BT	POPE, Maurice		#26: 7.0.0 (was rumoured to be a need for .1 but nothing more known.)	-	yes
	03.32	Universal Geographical Area Description (GAD)	R1998	7.1.0		S2	-	..,		SULTAN, Alain		#29: 7.0.0 TSG#8:7.1.0	-	yes
	03.33	Lawful Interception ; Stage 2	R1998	7.1.0		S3	-	MCKIBBEN, Bernie	MOTOROLA GmbH	POPE, Maurice		#27: for info #28: 7.0.0 #29: 7.1.0	-	yes
	03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	R1998	7.0.0		N1	-	MUHONEN, Janne	NOKIA Corporation	AL -BAKRI, Ban		#29: 7.0.0	-	yes
	03.35	Immediate Service Termination (IST); Stage 2	R1998	7.0.0		S3	-	WRIGHT, Tim	BT	POPE, Maurice		#27: 7.0.0	-	yes
	03.38	Alphabets and Language Specific Information for GSM	R1998	7.2.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#26: 7.0.0 #28: 7.1.0 #29: 7.2.0	-	yes
	03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)	R1998	7.4.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#26: 7.0.0 #27: 7.1.0 #29: 7.2.0 TSG#5 7.3.0 TSG#6: 7.4.0	-	yes
	03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	R1998	7.4.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#28: 7.0.0 #29: 7.1.0 TSG#6: 7.2.0 TSG#7: 7.3.0 TSG#9:7.4.0	-	yes
	03.42	SMS Compression	R1998	7.1.1		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#26: 7.0.0 #28: 7.1.0	-	yes
TR	03.43	Support of Videotex	R1998	7.0.0	Jun 00	T2	-	DI TRIA, Paolo	CSELT - Centro Studi e Laboratori Telecomunicazioni	RODERMUND, Friedhelm		#29: 7.0.0	-	yes
TR	03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	R1998	7.0.0	Jun 00	T2	-	..,		RODERMUND, Friedhelm		#29: 7.0.0	-	yes
	03.45	Technical Realization of Facsimile Group 3 Service - transparent	R1998	7.0.1		N3	-	..,		BOSWARTHICK, David		#29: 7.0.0	-	yes
	03.46	Technical Realization of Facsimile Group 3 Service - non transparent	R1998	7.0.0		N3	-	..,		BOSWARTHICK, David		#29: 7.0.0	-	yes
TR	03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)	R1998	7.0.0	Jun 00	T2	-	..,		RODERMUND, Friedhelm		#29: 7.0.0	-	yes
	03.48	Security Mechanisms for SIM Toolkit Application ; Stage 2	R1998	7.0.1		T3	-	BARNES, Nigel	MOTOROLA Ltd	SANDERS, Michael	SMG9->T3@#31	#28: 7.0.0	-	yes
TR	03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)	R1998	7.0.0	Jun 00	T2	-	MEREDITH, Andrew	MOTOROLA Ltd	RODERMUND, Friedhelm		#29: 7.0.0	-	yes
	03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	R1998	7.1.0		S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#29: 7.0.0 #32:7.1.0	-	yes
	03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface ; Stage 2	R1998	7.1.0		GP	-	DESBLANCS, Philippe	ALCATEL France	USAI, Paolino		#28: 7.0.0 #29: 7.1.0	-	yes
	03.53	Tandem Free Operation (TFO); Service description; Stage 2	R1998	7.0.1		S4	NP / S2	FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)	USAI, Paolino	Mar00: prime responsibility txfrd to SMG11	#25: 7.0.0	-	yes

	03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2	R1998	7.0.0		N3	-	ROSTÖ, Tommy	TELIA AB	BOSWARTHICK, David		#29: 7.0.0	-	yes
	03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2	R1998	7.1.0		S2	-	ROBERTS, Martin	Nortel	SULTAN, Alain		#27: for info #28: 7.0.0 #29: 7.1.0	-	yes
	03.57	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2	R1998	7.2.0		T2	-	CATALDO, Mark	MOTOROLA Ltd	RODERMUND, Friedhelm		#27: for info #29: 7.0.0 T#6: 7.1.0 expect TSG#7 CR to fix unimplementable one at TSG#6. TSG#7: 7.2.0	-	yes
TR	03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	R1998	7.0.0		S4	-	MONFORT, Jean-Yves	France Telecom R&D	USAI, Paolino		#29: 7.0.0	-	yes
	03.60	General Packet Radio Service (GPRS) Service description; Stage 2	R1998	7.5.0		S2	-	NAPER, Hans Petter	MOTOROLA GmbH	SULTAN, Alain		#28: 7.0.0 #29: 7.1.0 TSG#5 7.2.0 S#6: 7.3.0 TSG#7: 7.4.0 TSG#9:7.5.0	-	yes
	03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2	R1998	7.0.0		N1	-	JACOBSON, Dieter	Deutsche Telekom MobilNet GmbH	AL -BAKRI, Ban		#31: 7.0.0	-	yes
	03.64	Overall description of the GPRS radio interface; Stage 2	R1998	7.1.0		G2	-	..,		THOMASEN, Gert		#29: 7.0.0 #30: 7.1.0	-	yes
	03.66	Support of GSM Mobile Number Portability (MNP); Stage 2	R1998	7.3.0		N4	-	LOPEZ SORIA, Luis	ERICSSON ESPANA S.A.	KYMALAINEN, Kimmo		#28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 (Expect 7.3.0 dealing with PE comments.) TSG#7: 7.3.0	-	yes
	03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2	R1998	7.1.0		N4	-	MÜNNING, Dirk	DETECON GMBH	KYMALAINEN, Kimmo		#29: 7.0.0 TSG#7: 7.1.0	-	yes
	03.68	Voice Group Call Service (VGCS); Stage 2	R1998	7.2.0		N1	-			AL -BAKRI, Ban		#29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0	-	yes
	03.69	Voice Broadcast service (VBS); Stage 2	R1998	7.2.0		N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		#29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0	-	yes
	03.70	Routeing of Calls to/from Public Data Networks (PDN)	R1998	7.0.0		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	#29: 7.0.0	-	yes
	03.71	Location services (LCS); Stage 2	R1998	7.4.0		S2	-	BROOK, Richard	SAMSUNG Electronics Research Institute	SULTAN, Alain		#28: 1.0.0 #29: 7.0.0 S#6: 7.2.0 edito: 7.2.1 #31:7.3.0 #32:7.4.0 TSG#8:7.4.0	-	yes
	03.72	Call Deflection stage 2	R1998	7.1.0		N4	-	..,		KYMALAINEN, Kimmo		#28: 7.0.0 TSG#5 7.1.0	-	yes
	03.73	Support of Localised Service Area (SoLSA); Stage 2	R1998	7.2.0		S2	-	..,		SULTAN, Alain		#27: for info #28: 7.0.0 #29: 7.1.0 #30: 7.2.0	-	yes
	03.78	CAMEL Phase 2; Stage 2	R1998	7.4.0		N2	-	LANTELME, Isabelle	ALCATEL France	JORGENSEN, Per Johan		#28: 7.0.0 >SMG#29: 7.1.0 TSG#5: 7.2.0 TSG#7: 7.3.0 TSG#8:7.4.0	-	yes

03.79	Support of Optimal Routing phase 1; Stage 2	R1998	7.3.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		#28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#7: 7.3.0	-	yes
03.81	Line Identification Supplementary Services; Stage 2	R1998	7.0.1		N4	-	..,		KYMALAINEN, Kimmo		#28: 7.0.0	-	yes
03.82	Call Forwarding (CF) Supplementary Services; Stage 2	R1998	7.0.0		N4	-	POTHS, Annette	MANNESMANN Mobilfunk GmbH	KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2	R1998	7.0.0		N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
03.84	Multi Party (MPTY) Supplementary Services; Stage 2	R1998	7.0.0		N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
03.85	Closed user Group (CUG) Supplementary Services; Stage 2	R1998	7.0.0		N4	-	..,		KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	R1998	7.0.1		N4	-	..,		KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
03.87	User-to-user signalling (UUS); Stage 2	R1998	7.0.2		N4	-	..,		KYMALAINEN, Kimmo		#28: 7.0.0	-	yes
03.88	Call Barring (CB) supplementary services ; Stage 2	R1998	7.0.0		N4	-	HAMEL, Eric	France Telecom R&D	KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
03.90	Unstructured Supplementary Service Data (USSD)	R1998	7.0.0		N4	-	CHOTAI, Sunil	BT	KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	R1998	7.0.0		N4	-	DZUBAN, Stanislav	SIEMENS AG	KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	R1998	7.0.0		N4	-	HÄMÄLÄINEN, Pekka	NOKIA MOBILE PHONES	KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
03.96	Name Identification Supplementary Services; Stage 2	R1998	7.0.0		N4	-			KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
03.97	Multiple subscriber Profile (MSP); Stage 2	R1998	7.2.0		N4	-	..,		KYMALAINEN, Kimmo		#28: 7.0.0 #29: 7.1.0 TSG#5: 7.1.1 N#6:7.2.0	-	yes
04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	R1998	7.0.0		N1	-	AVELINE, Sophie	France Telecom R&D	AL -BAKRI, Ban		#29: 7.0.0	-	yes
04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	R1998	7.0.0		N1	-			AL -BAKRI, Ban		#29: 7.0.0	-	yes
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	R1998	7.0.0		G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#29: 7.0.0	-	yes
04.04	Layer 1 - General Requirements	R1998	7.0.0		G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#29: 7.0.0	-	yes
04.05	Data Link (DL) Layer General Aspects	R1998	7.1.1		G2	-	..,		THOMASEN, Gert		#29: 7.0.0 #31:7.1.0	-	yes

04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	R1998	7.1.1		G2	-	...		THOMASEN, Gert		#29: 7.0.0 edito:7.0.1 #31:7.1.0	-	yes
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	R1998	7.3.0		N1	-	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban		#28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 CN#6 7.3.0	-	yes
04.08	Mobile radio interface layer 3 specification	R1998	7.9.1		N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	#28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 SMG#30b 7.3.0; TSG#6:7.4.0 #31:7.5.0 TSG#7: 7.6.0 #31b:7.5.0 #32:7.8.0 TSG#8:7.8.0 GERAN#1:7.9.0 TSG#9:7.9.0	-	yes
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	R1998	7.0.1		N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo		#28: 7.0.0	-	yes
04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	R1998	7.1.0		N1	-	NOBUYUKI, Uda	NTT Communications Ware Corporation	AL -BAKRI, Ban		#29: 7.0.0 TSG#9:7.1.0	-	yes
04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	R1998	7.0.1		G2	T2	PUDNEY, Chris	VODAFONE Group Plc	THOMASEN, Gert		#29: 7.0.0	-	yes
04.13	Performance Requirements on Mobile Radio Interface	R1998	7.0.1		N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		#29: 7.0.0	-	yes
04.14	Individual equipment type requirements and interworking; Special conformance testing functions	R1998	7.2.0		G2	-	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert		#29: 7.0.0 #30: 7.1.0 #32:7.2.0	-	yes
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	R1998	7.1.0		N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHICK, David		#27: 7.0.0 TSG#8:7.1.0	-	yes
04.22	Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	R1998	7.1.0		N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David		#28: 7.0.0 TSG#6: 7.1.0	-	yes
04.30	Location Services LCS Stage 3 SS (MO-LR)	R1998	7.2.0		G2	-			THOMASEN, Gert	Seems to be a dispute over ownership: SMG2 or 3 (plus CN-ss)? Decision: SMG3 and the now-closed SS. TSG#7: txfrd to 3GPP for R99.	#30 info #30b: 7.0.1 #31:7.1.0 TSG#8:7.2.0	-	yes
04.31	Location Services LCS RR LCS Protocol	R1998	7.3.0		G2	-			THOMASEN, Gert		#30 info #30b: 7.0.1 #31:7.1.0 #31b:7.2.0 GERAN#2:7.3.0	-	yes
04.35	Location Services LCS Stage 3 E-OTD Enhanced Observed	R1998	7.2.0		G2	-			THOMASEN, Gert		. GERAN#1:7.2.0	-	yes

04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	R1998	7.1.0		N1	-	HUPPERICH, Peter	ALCATEL SEL AG	AL -BAKRI, Ban		#28: 7.0.0 #29: 7.1.0	-	yes
04.57	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	R1998	7.0.1		N1	-	HUPPERICH, Peter	ALCATEL SEL AG	AL -BAKRI, Ban		#28: 7.0.0	-	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	R1998	7.7.0		G2	-	..,		THOMASEN, Gert		#29: 7.0.0 #30: 7.1.0 #30b: 7.2.0 #31:7.3.0 #32:7.5.0 GERAN#1:7.6.0 GERAN#2:7.7.0	-	yes
04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	R1998	7.0.0		N1	-	JACOBSON, Dieter	Deutsche Telekom MobilNet GmbH	AL -BAKRI, Ban		#29: 7.0.0	-	yes
04.64	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	R1998	7.3.0		N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban		#29: 7.0.0 #30: 7.1.0 post-TSG#6: 7.2.0 #31:7.3.0	-	yes
04.65	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDPCP)	R1998	7.3.0		N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban	24.065 existed, but scrapped since 04.65 is GSM only.	#29: 7.0.0 #30: 7.1.0 post-TSG#6: 7.2.0 #31:7.3.0	-	yes
04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) ; Stage 3	R1998	7.0.1		N4	-	MÜNNING, Dirk	DETECON GMBH	KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
04.68	Group Call Control (GCC) Protocol	R1998	7.2.0		N1	-			AL -BAKRI, Ban		#29: 7.0.0 #30: 7.1.0 TSG#7: 7.2.0	-	yes
04.69	Broadcast Call Control (BCC) protocol	R1998	7.2.0		N1	-			AL -BAKRI, Ban		#29: 7.0.0 #30: 7.1.0 TSG#7: 7.2.0	-	yes
04.71	Location services (LCS) stage 3	R1998	7.2.0		G2	-			THOMASEN, Gert	Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.	#28: 1.0.0 #29: 7.0.0 #30b or post-TSG#6: 7.1.1 #32:7.2.0	-	yes
04.72	Call Deflection (CD) Supplementary Service; Stage 3	R1998	7.0.0		N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	KYMALAINEN, Kimmo		#27: for info #28: 7.0.0	-	yes
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	R1998	7.4.0		N4	-	..,		KYMALAINEN, Kimmo		#28: 7.0.0 N#6: 7.1.0. TSG#7: 7.2.0 TSG#8:7.3.0 TSG#9:7.4.0	-	yes
04.81	Line Identification Supplementary Services ; Stage 3	R1998	7.0.1		N4	-	..,		KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
04.82	Call Forwarding (CF) Supplementary Services - Stage 3	R1998	7.0.2		N4	-	POTHS, Annette	MANNESMANN Mobilfunk GmbH	KYMALAINEN, Kimmo		#28: 7.0.0	-	yes
04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services ; Stage 3	R1998	7.0.1		N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
04.84	Multi Party (MPTY) Supplementary Services ; Stage 3	R1998	7.0.1		N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	KYMALAINEN, Kimmo		#29: 7.0.0	-	yes

	04.85	Closed User Group (CUG) Supplementary Services ; Stage 3	R1998	7.0.0		N4	-	...			KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
	04.86	Advice of Charge (AoC) Supplementary Services ; Stage 3	R1998	7.0.1		N4	-	...			KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
	04.87	User-to-User Signalling (UUS) Supplementary Service Stage 3	R1998	7.0.2		N4	-	...			KYMALAINEN, Kimmo		#28: 7.0.0	-	yes
	04.88	Call Barring (CB) Supplementary Services ; Stage 3	R1998	7.0.0		N4	-	HAMEL, Eric	France Telecom R&D		KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
	04.90	Unstructured Supplementary Service Data (USSD)	R1998	7.0.1		N4	-	...			KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
	04.91	Explicit Call Transfer (ECT) Supplementary Service ; Stage 3	R1998	7.0.1		N4	-	DZUBAN, Stanislav	SIEMENS AG		KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
	04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3	R1998	7.0.0		N4	-	HÄMÄLÄINEN, Pekka	NOKIA MOBILE PHONES		KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
	04.96	Name Identification Supplementary Services; Stage 3	R1998	7.0.0		N4	-				KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
	05.01	Physical Layer on the Radio Path (General Description)	R1998	7.1.0		GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S		USAI, Paolino		#28: 7.0.0 #30: 7.1.0	-	yes
	05.02	Multiplexing and Multiple Access on the Radio Path	R1998	7.6.1		GP	-	...			USAI, Paolino		#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #30b:7.3.0 #31:7.4.0 #31b:7.5.0 GERAN#2:7.6.0	-	yes
	05.03	Channel Coding	R1998	7.4.0		GP	-	...			USAI, Paolino		#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0	-	yes
	05.04	Modulation	R1998	7.1.0		GP	-	REINER, Michaël	AEG Mobile Communications GmbH (AMC)		USAI, Paolino		#29: 7.0.0 #30b: 7.1.0	-	yes
	05.05	Radio Transmission and Reception	R1998	7.5.0		GP	-	CHARLES, Jean Pierre	France Telecom R&D		USAI, Paolino		#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0 #31b:7.4.0 GERAN#1:7.5.0	-	yes
	05.08	Radio Subsystem Link Control	R1998	7.6.1		GP	-	WHITE, Phil	VODAFONE Group Plc		USAI, Paolino		GERAN#1:7.5.0 GERAN#2:7.6.0	-	yes
	05.09	Link Adaptation	R1998	7.4.0		GP	-	...			USAI, Paolino		#28: 7.0.0 #30: 7.1.0 #31:7.2.0 #32:7.3.0 GERAN#2:7.4.0	-	yes
	05.10	Radio subsystem synchronization	R1998	7.4.0		GP	-	BENN, Howard	MOTOROLA Ltd		USAI, Paolino		GERAN#2:7.4.0	-	yes
TR	05.14	Release independent frequency bands; Implementation guidelines	R1998	7.0.0		G1	G2	KANGAS, Antti	NOKIA Corporation		USAI, Paolino	Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. Changed from G2 to G1 at same time.	Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. GERAN#2:7.0.0	-	yes
TR	05.22	Radio link management in hierarchical networks	R1998	7.0.0		GP	-	...			USAI, Paolino		.	-	yes
TR	05.50	Background for RF Requirements	R1998	7.4.0		GP	-	...			USAI, Paolino		#26: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0 #31b:7.4.0	-	yes

	05.56	CTS-FP Radio Sub-system	R1998	7.1.0		GP	-	...		USAI, Paolino		#28: 7.0.0 #29: 7.1.0	-	yes
	06.01	Full Rate Speech Processing Functions	R1998	7.0.2		S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#28: 7.0.0	-	yes
	06.02	Half Rate Speech Processing Functions	R1998	7.0.2		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#28: 7.0.0	-	yes
	06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	R1998	7.0.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#29: 7.0.0	-	yes
	06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	R1998	7.0.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#29: 7.0.0	-	yes
TR	06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	R1998	7.0.0		S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#29: 7.0.0	-	yes
	06.10	Full Rate Speech Transcoding	R1998	7.1.0		S4	-	LORENZ, Dietmar	PHILIPS Semiconductors	USAI, Paolino		#28: 7.0.0 #32:7.1.0	-	yes
	06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	R1998	7.0.1		S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		#29: 7.0.0	-	yes
	06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	R1998	7.0.1		S4	-	SERENO, Daniele	TELECOM ITALIA S.p.A.	USAI, Paolino		#29: 7.0.0	-	yes
	06.20	Half Rate Speech Transcoding	R1998	7.0.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#29: 7.0.0	-	yes
	06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	R1998	7.0.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#29: 7.0.0	-	yes
	06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	R1998	7.0.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#29: 7.0.0	-	yes
	06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	R1998	7.0.1		S4	-	...		USAI, Paolino		#29: 7.0.0	-	yes
	06.32	Voice Activity Detection (VAD)	R1998	7.0.1		S4	-	BARRETT, Paul	BT	USAI, Paolino		#29: 7.0.0	-	yes
	06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	R1998	7.0.1		S4	-	...		USAI, Paolino		#29: 7.0.0	-	yes
	06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	R1998	7.0.1		S4	-	BARRETT, Paul	BT	USAI, Paolino		#29: 7.0.0	-	yes
	06.51	GSM Enhanced full rate speech processing functions: General description	R1998	7.1.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#28: 7.0.0 #32:7.1.0	-	yes
	06.53	ANSI-C code for the GSM Enhanced full rate speech codec	R1998	7.0.1		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#29: 7.0.0	-	yes
	06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	R1998	7.1.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#29: 7.0.0 #32:7.1.0	-	yes
TR	06.55	Performance characterisation of the GSM EFR Speech Codec	R1998	7.0.0		S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#29: 7.0.0	-	yes
	06.60	Enhanced full rate speech transcoding	R1998	7.0.2		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#28: 7.0.0	-	yes
	06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels	R1998	7.0.1		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#29: 7.0.0	-	yes

	06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	R1998	7.0.1		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#29: 7.0.0	-	yes
	06.71	Adaptive Multi-Rate speech processing functions; General description	R1998	7.0.2		S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0	-	yes
	06.73	ANSI-C code for the GSM Adaptive Multi Rate (AMR) speech codec	R1998	7.4.0		S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0.0 TSG#7: 7.4.0	-	yes
	06.74	Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec	R1998	7.0.2		S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 2.0.0 SA#6: 7.0.0	-	yes
TR	06.75	AMR performan characterisation	R1998	7.2.0		S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	SMG#29 1.0.0 for information SMG#30: 7.0.0 SA#6: 7.1.0. TSG#7: 7.2.0	-	yes
TR	06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report	R1998	7.0.0		S4	-	..,		USAI, Paolino	New at SMG#31. Then became 06.77; new 06.76 has new title.	#31:1.0.0 TSG#7:2.0.0 (SP-000023) 7.0.0	-	yes
	06.81	Discontinuous Transmission (DTX) for encanced full rate speech traffic channels	R1998	7.1.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#29: 7.0.0 #30: 7.1.0	-	yes
	06.82	Voice Activity Detection (VAD) for encanced full rate speech traffic channels	R1998	7.0.1		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#29: 7.0.0	-	yes
TR	06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	R1998	7.0.0		S4	-	..,		USAI, Paolino		#29: 7.0.0	-	yes
	06.90	Adaptive Multi-Rate speech transcoding	R1998	7.2.0		S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0 #29: 7.1.0 #30: 7.2.0	-	yes
	06.91	Substitution and muting of lost frames for AMR speech traffic channels	R1998	7.1.0		S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0 #30: 7.1.0	-	yes
	06.92	Comfort noise aspects for Adaptive Multi-Rate speech traffic channels	R1998	7.1.1		S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0 #29: 7.1.0	-	yes
	06.93	Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels	R1998	7.4.0		S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0 TSG#8:7.4.0	-	yes
	06.94	Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels	R1998	7.1.1		S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0 #29: 7.1.0	-	yes
	07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	R1998	7.1.1		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#27: 7.0.0 #28: 7.1.0	-	yes
	07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	R1998	7.0.1		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#27: 7.0.0	-	yes

07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	R1998	7.0.0		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#29: 7.0.0	-	yes
07.05	Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)	R1998	7.0.1		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#28: 7.0.0	-	yes
07.07	AT Command set for GSM Mobile Equipment (ME)	R1998	7.5.0	Jun 00	T2	-	NOVAK, Lars	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#26: 7.0.0 #27: 7.1.0 #28: 7.2.0 #29: 7.3.0 TSG#5: 7.4.0 TSG#6: 7.5.0	-	yes
07.10	Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol	R1998	7.1.0		T2	-	NOVAK, Lars	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#29: 7.0.0 TSG#5: 7.1.0	-	yes
07.60	General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS	R1998	7.1.0		N3	-	HEATON, Graham	RTS Wireless International Ltd.	BOSWARTHICK, David		#29: 7.0.0 TSG#5: 7.1.0	-	yes
08.01	General Aspects on the BSS-MSC Interface	R1998	7.0.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#29: 7.0.0	-	yes
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	R1998	7.0.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#29: 7.0.0	-	yes
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	R1998	7.0.1		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#28: 7.0.0	-	yes
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	R1998	7.0.1		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#28: 7.0.0 #29: 7.0.0 !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	-	yes
08.08	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	R1998	7.7.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#25: 7.0.0 #28: 7.1.0 #29: 7.2.0 #30: 7.3.0 #30b: 7.4.0 #31:7.5.0 #31b:7.6.0 GERAN#1:7.7.0	-	yes
08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	R1998	7.0.1		G2	-	..,		THOMASEN, Gert		#28: 7.0.0	-	yes
08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	R1998	7.1.0		G2	-	..,		THOMASEN, Gert		#28: 7.0.0 #29: 7.1.0	-	yes
08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	R1998	7.3.1		G2	-	..,		THOMASEN, Gert		#29: 7.0.0 #30: 7.1.0 #31:7.3.0	-	yes

	08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	R1998	7.0.1		N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHICK, David		#27: 7.0.0	-	yes
TS	08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	R1998	7.0.1		G2	-			THOMASEN, Gert		#30 info #30b:7.0.1	-	yes
	08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	R1998	7.0.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#29: 7.0.0	-	yes
	08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	R1998	7.0.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#29: 7.0.0	-	yes
	08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	R1998	7.0.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#29: 7.0.0	-	yes
	08.56	BSC-BTS Layer 2 Specification	R1998	7.0.0		G2	-	ANDERSEN, Harald	ERICSSON TELECOM	THOMASEN, Gert		#29: 7.0.0	-	yes
	08.58	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface Layer 3 Specification	R1998	7.4.1		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.4.0	-	yes
	08.60	Inband Control of Remote Transcoders and Rate Adaptors forEFR/FR	R1998	7.2.1		GP	-	...		USAI, Paolino		#29: 7.0.0 #30: 7.1.0 #30b: 7.2.0	-	yes
	08.61	Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)	R1998	7.2.1		GP	NP	JACOB, Petra	SIEMENS AG	USAI, Paolino		#29: 7.0.0 #30: 7.1.0 #30b: 7.2.0 Edito: 7.2.1	-	yes
	08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	R1998	7.1.1		S4	-	...		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0 TSG#7: 7.1.0	-	yes
	08.71	Location services (LCS) SMLC-BSS interface L 3	R1998	7.4.0		G2	-			THOMASEN, Gert		#29: 7.0.0 #30bis: 7.1.0 edito: 7.1.1 #31:7.2.0 #31b:7.2.0 GERAN#2:7.4.0	-	yes
TR	09.01	General Network Interworking Scenarios	R1998	7.0.0		N4	-	...		KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
	09.02	Mobile Application Part (MAP) Specification	R1998	7.6.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo	CN->N4 Apr00 (JMM)	#28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#6: 7.3.0. TSG#7: 7.4.0 TSG#8:7.5.0 TSG#9:7.6.0	-	yes
	09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	R1998	7.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#29: 7.0.0	-	yes
	09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	R1998	7.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#29: 7.0.0	-	yes

09.05	Interworking between the PLMN and the PSPDN for PAD Access	R1998	7.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#29: 7.0.0	-	yes
09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	R1998	7.0.0		N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David	N3: "no R99 needed".	#29: 7.0.0	-	yes
09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	R1998	7.2.0		N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David		#27: 7.0.0 #28: 7.1.0 #29: 7.1.1 N#6: 7.2.0	-	yes
09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	R1998	7.2.0		N1	-	VACANT,		AL -BAKRI, Ban		#29: 7.0.0 #30: 7.1.0 tsg#6:(7.1.0 then) 7.2.0	-	yes
09.10	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)	R1998	7.1.0		N4	-	...		KYMALAINEN, Kimmo		#29: 7.0.0 TSG#6: 7.1.0	-	yes
09.11	Signalling Interworking for Supplementary Services	R1998	7.0.1		N4	-	HAMEL, Eric	France Telecom R&D	KYMALAINEN, Kimmo		#28: 7.0.0	-	yes
09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	R1998	7.0.0		N4	-	CHOTAI, Sunil	BT	KYMALAINEN, Kimmo		#29: 7.0.0	-	yes
09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM)Signalling	R1998	7.0.2		SPA N3	N4	...			EN 302 646	(SPAN1)	-	yes
09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification	R1998	7.0.1		N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		#28: 7.0.0	-	yes
09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	R1998	7.3.0		N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		#28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0. TSG#7: 7.3.0	-	yes
09.31	Location Services LCS Extension (BSSAP-LE)	R1998	7.4.0		G2	-			THOMASEN, Gert		#30 info #30b: 7.0.0 (implementation of CRs wrong, so expect 7.1.0) #31:7.1.0 #31b:7.2.0 #32:7.3.0 GERAN#1:7.4.0	-	yes

09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface	R1998	7.6.0		N4	-	OLTEDAL, Einar	Telefon AB LM Ericsson	KYMALAINEN, Kimmo		#28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#6: 7.3.0. TSG#7: 7.4.0 TSG#8:7.5.0 TSG#9:7.6.0	-	yes
09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet	R1998	7.2.0		N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David		#28: 7.0.0 #29: 7.1.0 N#6: 7.2.0	-	yes
09.78	CAMEL Application Part phase 2 (stage 3)	R1998	7.1.0		N2	-	NOLDUS, Rogier	Telefon AB LM Ericsson	JORGENSEN, Per Johan		#29: 7.0.0 TSG#8:7.1.0	-	yes
10.00	Digital Cellular Telecommunication System Feature Description	R1998	7D1.0		S2	-	BERGMANN, Ansgar	ETSI Secretariat	SULTAN, Alain		#27: 7D1.0	-	yes
10.02	Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+	R1998	5.1.0		N4	-	..,		KYMALAINEN, Kimmo		#21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0	-	yes
10.56	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1	R1998	7.0.0		S2	-	GALLIGO, Michel	ALCATEL France	SULTAN, Alain		#27: 7.0.0	-	yes
11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification	R1998	7.2.1		G4	S1 / GP / NP / T2 / SCP	..,		SALMERON, Lidia	R99 version now serves all releases. Earlier releases frozen.	#29: 7.0.0 #30: 7.1.0 #31:7.2.0 #31bis: closed (R99 version serves all releases)	-	yes
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	R1998	7.6.1		T3	-	GUTHERY, Scott B.	Mobile-Mind Inc.	SANDERS, Michael		#26: 7.0.0 #27: 7.1.0 #28: 7.2.0 #29: 7.3.0 #30: 7.4.0 #31:7.5.0 #32:frozen #32:7.6.0	-	yes
11.14	Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit	R1998	7.6.0		T3	-	WOODSEND, Kristian	ASPECTS Software Ltd	SANDERS, Michael		#26: 7.0.0 #27: 7.1.0 #28: 7.2.0 #29: 7.3.0 #31:7.4.0 #32:7.5.0 TSG#9:7.6.0	-	yes
11.17	SIM test specification	R1998	7.0.2		T3	-	BREMNER, David	ASPECTS Software Ltd	SANDERS, Michael		#28: 7.0.0	-	yes
11.18	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface	R1998	7.0.1		T3	-	LINDHOLM, Rune	NOKIA MOBILE PHONES	SANDERS, Michael		#25: 1.0.0 #28: 7.0.0	-	yes
11.19	CTS SIM Fixed Part	R1998	7.0.1		T3	-	HUBBE, Pascal	Alcatel Business Systems	SANDERS, Michael		#28: 7.0.0	-	yes
11.21	GSM Radio Aspects Base Station System Equipment Specification	R1998	7.2.0		G3	-	BUSIN, Ake	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#28: 7.0.0 #29: 7.1.0 #30: 7.2.0	-	yes
12.03	Security Management	R1998	7.0.1		S5	S1 / NP	..,		ZOICAS, Adrian		#28: 7.0.0	-	yes
12.04	Performance Management and Measurements for a GSM Public Land Mobile Network (PLMN)	R1998	7.0.0		S5	S1 / NP	..,		ZOICAS, Adrian		#30: 7.0.0	-	yes
12.05	Subscriber Related Call and Event Data	R1998	7.0.1		S5	S1	SJÖBLOM, Kai	NOKIA Corporation	ZOICAS, Adrian		#28: 7.0.0	-	yes

	12.15	General Packet Radio Service (GPRS); GPRS Charging	R1998	7.6.0		S5	-	HEATON, Graham	RTS Wireless International Ltd.	ZOICAS, Adrian		#27: 7.0.0 #28: 7.1.0 #29: 7.2.0 #30: 7.3.0 S#6: 7.4.0. TSG#7: 7.5.0 TSG#8:7.6.0	-	yes
	12.71	Location Services (LCS); Location services management	R1998	7.0.0		S5	-			ZOICAS, Adrian		Sept 99: 0.0.1 TSG#8:7.0.0 (2.0.1)	-	yes
	13.11	Mobiles stations in the GSM 900 and DCS 1800 bands covering essential requirements under article 3.2 of the R&TTE Directive	R1998	7.0.0		MS G	G4	SALMERON, Lidia	ETSI Secretariat	GUTIERREZ MIGUELEZ, Cesar	Harmonized standard	#28: 1.0.0 #31:1.1.4 STF149: 1.1.5; May00:1.1.8 #32:2.0.0 (-> 7.0.0)	-	yes
	13.21	Base station systems and repeater equipment covering essential requirements under article 3.2 of the R&TTE directive	R1998	7.0.0		MS G	GP	BUSIN, Ake	Telefon AB LM Ericsson	GUTIERREZ MIGUELEZ, Cesar	Harmonized standard	#30b: 1.0.0 #31:2.0.0 - > 7.0.0	-	yes
			R1997											
Type	Number	Title	Rel	current vers	frozen	WG prime	WG other	rappporteur	rapp org	MCC support	general remarks	version remarks	U	G
TS	01.02	General Description of a GSM Public Land Mobile Network (PLMN)	R1997	6.0.0		S1	GP / NP	JORGENSEN, Niels H.	TELE DANMARK A/S	CLAYTON, Michael		#27: 6.0.0	-	yes
TR	01.04	Abbreviations and Acronyms	R1997	6.0.0		GP	-	CLAYTON, Michael	ETSI Secretariat	USAI, Paolino		#27: 6.0.0	-	yes
	01.48	ISDN-based DECT/GSM interworking; Feasibility study	R1997	6.0.0		S1	-	GRAETZ, Ingeborg	SIEMENS AG	CLAYTON, Michael		#27: 6.0.0	-	yes
TR	01.60	GPRS requirements	R1997	6.0.0		S1	-	...		CLAYTON, Michael		#25: 6.0.0	-	yes
	02.01	Principles of Telecommunication Services Supported by a GSM Public Land Mobile Network(PLMN)	R1997	6.2.0		S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael		#27: 6.0.0 #28: 6.1.0 #29: 6.2.0	-	yes
	02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	R1997	6.1.1		S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		#27: 6.0.0 #28: 6.1.0	-	yes
	02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	R1997	6.0.0		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#27: 6.0.0	-	yes
	02.04	General on Supplementary Services	R1997	6.1.1		S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		#25: 6.0.0 #28: 6.1.0 #29: 6.1.1	-	yes
	02.06	Types of Mobile Stations (MS)	R1997	6.1.1		S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#27: 6.0.0 #28: 6.1.0	-	yes
	02.07	Mobile Station (MS) Features	R1997	6.2.0		S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0	-	yes
	02.09	Security Aspects	R1997	6.1.0		S3	S1 / NP	CHRISTOFFERSSON, Per	TELIA AB	POPE, Maurice		#27: 6.0.0 edito:6.0.1 #31:6.1.0	-	yes
	02.11	Service Accessibility	R1997	6.0.0		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#26: 6.0.0	-	yes
	02.16	International Mobile Station Equipment Identities (IMEI)	R1997	6.2.0		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#27: 6.0.0 #30: 6.1.0 TSG#8:6.2.0	-	yes
	02.17	Subscriber Identity Modules, Functional Characteristics	R1997	6.0.0		T3	S1	HOOKER, Philip	ORANGE PCS LTD	SANDERS, Michael		#27: 6.0.0	-	yes
	02.22	Stage 1 for Personalisation of GSM ME	R1997	6.0.0		S1		DURAND, Romain	ALCATEL France	CLAYTON, Michael		#27: 6.0.0	-	yes
	02.24	Description of Charge Advice Information (CAI)	R1997	6.0.1		S1		DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael		#27: 6.0.0	-	yes

02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	R1997	6.1.0		S1		JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#25: 6.0.0 #28: 6.1.0	-	yes
02.34	High Speed Circuit Switched Data (HSCSD) ; Stage 1	R1997	6.0.0		S1		MUHONEN, Ahti	NOKIA Corporation	CLAYTON, Michael		#27: 6.0.0	-	yes
02.40	Procedures for Call Progress Indications	R1997	6.0.0		S1	NP	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	R99 -> 22.101	#27: 6.0.0	-	yes
02.41	Operator Determined Barring	R1997	6.0.0		S1		...		CLAYTON, Michael		#27: 6.0.0	-	yes
02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1	R1997	6.0.0		S1		GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#27: 6.0.0	-	yes
02.48	Security mechanisms for the SIM Application Toolkit; Stage 1	R1997	6.0.0		T3	S3	BARNES, Nigel	MOTOROLA Ltd	SANDERS, Michael	SMG9->T3@#31	#25: 6.0.0	-	yes
02.60	General Packet Radio Service Stage 1 Description	R1997	6.3.0		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #28: 6.2.0 TSG#5 6.3.0 TSG#7:6.4.0	-	yes
02.63	Packet Data on Signalling channels Service (PDS) ; Stage 1	R1997	6.0.0		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#27: 6.0.0	-	yes
02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP) ; Stage 1	R1997	6.1.1		S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#27: 6.0.0 #29 6.1.0	-	yes
02.68	Voice Group Call Service (VGCS) ; Stage 1	R1997	6.0.1		S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#27: 6.0.0	-	yes
02.69	Voice Broadcast Service (VBS) ; Stage 1	R1997	6.0.1		S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#27: 6.0.0	-	yes
02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	R1997	6.4.0		S1	-	KLEIER, Stephan	MANNESMANN Mobilfunk GmbH	CLAYTON, Michael		#25: 6.0.0 #26: 6.1.0 #28: 6.2.0 #29: 6.3.0 TSG#5 6.4.0	-	yes
02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)	R1997	6.0.0		S1	-	FREY, Sophie	CEGETEL	CLAYTON, Michael		#27: 6.0.0	-	yes
02.81	Line Identification Supplementary Services ; Stage 1	R1997	6.0.0		S1	-	BLOMSTRAND, Ola	TELIA AB	CLAYTON, Michael		#27: 6.0.0	-	yes
02.82	Call Forwarding (CF) Supplementary Services ; Stage 1	R1997	6.0.0		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#27: 6.0.0	-	yes
02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services ; Stage 1	R1997	6.0.0		S1	-	...		CLAYTON, Michael		#27: 6.0.0	-	yes
02.84	MultiParty (MPTY) Supplementary Services ; Stage 1	R1997	6.0.0		S1	-	POSTMANN, Erwin	SIEMENS AG	CLAYTON, Michael		#27: 6.0.0	-	yes
02.85	Closed User Group (CUG) Supplementary Services ; Stage 1	R1997	6.0.0		S1	-	BLOMSTRAND, Ola	TELIA AB	CLAYTON, Michael		#27: 6.0.0	-	yes
02.86	Advice of Charge (AoC) Supplementary Services ; Stage 1	R1997	6.0.0		S1	-	CRAWFORD, Ian	VODAFONE Group Plc	CLAYTON, Michael		#27: 6.0.0	-	yes

	02.88	Call Barring (CB) Supplementary Services ; Stage 1	R1997	6.0.0		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#27: 6.0.0	-	yes
	02.90	Stage 1 Decision of Unstructured Supplementary Service Data (USSD)	R1997	6.0.0		S1	-	SLOTTE, Sverre	NOKIA Corporation	CLAYTON, Michael		#27: 6.0.0	-	yes
	02.91	Explicit Call Transfer (ECT)	R1997	6.0.0		S1	-	POSTMANN, Erwin	SIEMENS AG	CLAYTON, Michael		#27: 6.0.0	-	yes
	02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description ; Stage 1	R1997	6.0.1		S1	-	..,		CLAYTON, Michael		#16: 5.0.0 #19: 5.1.0 #20: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0 #25: 6.0.0 (5.x.y withdrawn) #26: 6.0.1	-	yes
	02.95	Digital cellular telecommunications system (Phase 2+); Support of Private Numbering Plan (SPNP); Service description, Stage 1	R1997	6.0.0		S1	-	..,		CLAYTON, Michael		#27: 6.0.0	-	yes
	02.96	Name Identification Supplementary Services; Stage 1	R1997	6.0.1		S1	-			CLAYTON, Michael		#24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn) #27: 6.0.1	-	yes
	03.01	Network Functions	R1997	6.1.0		S2	NP	GAASVIK, Per-Ola	COMVIQ GSM AB	SULTAN, Alain	SMG3->SA2 @ TSG#7	#27: 6.0.0 #28: 6.1.0	-	yes
	03.02	Network Architecture	R1997	6.1.0		S2	NP / T2	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain		#25: 6.0.0 #26: 6.1.0	-	yes
	03.03	Numbering, Addressing and Identification	R1997	6.6.0		N4	T2	GAASVIK, Per-Ola	COMVIQ GSM AB	KYMALAINEN, Kimmo		#25: 6.0.0 #26: 6.1.0 #28: 6.2.0 #29: 6.3.0 TSG#5 6.4.0 TSG#7: 6.5.0 TSG#8:6.6.0	-	yes
TR	03.05	Technical performance objectives	R1997	6.0.0		NP	-	..,		BOSWARTHICK, David		#27: 6.0.0	-	yes
	03.07	Restoration Procedures	R1997	6.2.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		#25: 6.0.0 #26: 6.1.0 #29: 6.2.0	-	yes
	03.08	Organization of Subscriber Data	R1997	6.5.0		N4	-	BAUER, Rolf	ALCATEL SEL AG	KYMALAINEN, Kimmo		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 TSG#7: 6.4.0 TSG#9:6.5.0	-	yes
	03.09	Handover Procedures	R1997	6.0.0		N1	-	FARHOUMAND, Rouzbeh	Ericsson Incorporated	AL -BAKRI, Ban		#27: 6.0.0	-	yes
	03.10	GSM Public Land Mobile Network (PLMN) Connection Types	R1997	6.0.0		N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David		#27: 6.0.0	-	yes
	03.11	Technical Realization of Supplementary Services - General Aspects	R1997	6.0.1		N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
	03.12	Location Registration Procedures	R1997	6.0.0		N4	-	GAASVIK, Per-Ola	COMVIQ GSM AB	KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
	03.13	Discontinuous Reception (DRX) in the GSM System	R1997	6.0.0		GP	-	..,		USAI, Paolino		#27: 6.0.0	-	yes
	03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	R1997	6.0.0		N1	-	..,		AL -BAKRI, Ban		#27: 6.0.0	-	yes
	03.15	Technical Realization of Operator Determined Barring	R1997	6.1.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		#26: 6.0.0 SMG#29: 6.1.0	-	yes

	03.16	Subscriber Data Management	R1997	6.5.0		N4	-	DETTNER, Harald	SIEMENS AG	KYMALAINEN, Kimmo		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 SMG#29: 6.4.0 TSG#9:6.5.0	-	yes
	03.18	Basic Call Handling	R1997	6.7.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 SMG#29: 6.4.0 TSG#5 6.5.0 TSG#7: 6.6.0 TSG#9:6.7.0	-	yes
	03.20	Security-related Network Functions	R1997	6.1.0		S3	NP / GP	NGUYEN NGOC, Sebastien	France Telecom R&D	POPE, Maurice		#25: 6.0.0 SMG#29: 6.1.0 #32:6.2.0	-	yes
	03.22	Functions Related to Mobile Station (MS) in Idle Mode	R1997	6.2.0		G2	N1	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert	Moved from SMG3 Jan 2000	#26: 6.0.0 #28: 6.1.0 SMG#29: 6.2.0	-	yes
TR	03.26	Multiband operation of GSM/DCS 1800 by a single operator	R1997	6.0.0		GP	NP	..,		USAI, Paolino		#27: 6.0.0	-	yes
TR	03.30	Radio Network Planning Aspects	R1997	6.0.1		GP	-	STEVENS, Peter John	One 2 one	USAI, Paolino		#26: 6.0.0	-	yes
	03.32	Universal Geographical Area Description (GAD)	R1997	6.0.0		S2	-	..,		SULTAN, Alain		#27: 6.0.0	-	yes
	03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	R1997	6.0.0		N1	-	MUHONEN, Janne	NOKIA Corporation	AL -BAKRI, Ban		#27: 6.0.0	-	yes
	03.38	Alphabets and Language Specific Information for GSM	R1997	6.0.1		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#25: 6.0.0	-	yes
	03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)	R1997	6.1.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#23: 6D1.0 #24: 6D2.0 #25: 6.0.0 #26: 6.1.0	-	yes
	03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	R1997	6.1.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#25: 6.0.0 #26: 6.1.0	-	yes
	03.42	SMS Compression	R1997	6.0.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#27: 6.0.0	-	yes
TR	03.43	Support of Videotex	R1997	6.0.0		T2	-	DI TRIA, Paolo	CSELT - Centro Studi e Laboratori Telecomunicazioni	RODERMUND, Friedhelm		#27: 6.0.0	-	yes
TR	03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	R1997	6.0.0		T2	-	..,		RODERMUND, Friedhelm		#27: 6.0.0	-	yes
	03.45	Technical Realization of Facsimile Group 3 Service - transparent	R1997	6.0.1		N3	-	..,		BOSWARTHICK, David		#27: 6.0.0	-	yes
	03.46	Technical Realization of Facsimile Group 3 Service - non transparent	R1997	6.0.0		N3	-	..,		BOSWARTHICK, David		#27: 6.0.0	-	yes
TR	03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)	R1997	6.0.0		T2	-	..,		RODERMUND, Friedhelm		#27: 6.0.0	-	yes
	03.48	Security Mechanisms for SIM Toolkit Application ; Stage 2	R1997	6.2.0		T3	-	BARNES, Nigel	MOTOROLA Ltd	SANDERS, Michael	SMG9->T3@#31	#25: 6.0.0 #26: 6.1.0 #28: 6.2.0	-	yes
TR	03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)	R1997	6.1.0		T2	-	MEREDITH, Andrew	MOTOROLA Ltd	RODERMUND, Friedhelm		#25: 6.0.0 #26: 6.1.0	-	yes

	03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	R1997	6.2.0		S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#27: 6.0.0 #28: 6.1.0 #32:6.2.0	-	yes
	03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2	R1997	6.0.0		N3	-	ROSTÖ, Tommy	TELIA AB	BOSWARTHICK, David		#27: 6.0.0	-	yes
TR	03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	R1997	6.0.1		S4	-	MONFORT, Jean-Yves	France Telecom R&D	USAI, Paolino		#23: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)	-	yes
	03.60	General Packet Radio Service (GPRS) Service description; Stage 2	R1997	6.7.0		S2	-	NAPER, Hans Petter	MOTOROLA GmbH	SULTAN, Alain		#23: 5.1.0 #24: 5.2.0 #25: 5.3.0 #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 TSG#5 6.5.0 S#6: 6.6.0 TSG#7: 6.7.0	-	yes
	03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2	R1997	6.0.0		N1	-	JACOBSON, Dieter	Deutsche Telekom MobilNet GmbH	AL -BAKRI, Ban		#27: 6.0.0	-	yes
	03.64	Overall description of the GPRS radio interface; Stage 2	R1997	6.4.0		G2	-	..,		THOMASEN, Gert		#23: 5.1.0 #24: 5.2.0 #25: 6.0.0 (5.x.y withdrawn) #27: 6.1.0 #28: 6.2.0 #29: 6.3.0 #30: 6.4.0	-	yes
	03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2	R1997	6.1.0		N4	-	MÜNNING, Dirk	DETECON GMBH	KYMALAINEN, Kimmo		#27: 6.0.0 TSG#7: 6.1.0	-	yes
	03.68	Voice Group Call Service (VGCS); Stage 2	R1997	6.3.0		N1	-			AL -BAKRI, Ban		#25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 #32:6.3.0 TSG#9:6.3.0	-	yes
	03.69	Voice Broadcast service (VBS); Stage 2	R1997	6.3.0		N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		#25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 TSG#9:6.3.0	-	yes
	03.70	Routeing of Calls to/from Public Data Networks (PDN)	R1997	6.0.0		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	#27: 6.0.0	-	yes
	03.78	CAMEL Phase 2; Stage 2	R1997	6.7.0		N2	-	LANTELME, Isabelle	ALCATEL France	JORGENSEN, Per Johan		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 TSG#5 6.5.0 TSG#7: 6.6.0 TSG#8:6.7.0	-	yes
	03.79	Support of Optimal Routing phase 1; Stage 2	R1997	6.3.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		#27: 6.0.0 #29: 6.1.0 TSG#5: 6.2.0 TSG#7: 6.3.0	-	yes
	03.81	Line Identification Supplementary Services; Stage 2	R1997	6.0.0		N4	-	..,		KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
	03.82	Call Forwarding (CF) Supplementary Services; Stage 2	R1997	6.1.0		N4	-	POTHS, Annette	MANNESMANN Mobilfunk GmbH	KYMALAINEN, Kimmo		#27: 6.0.0 #29: 6.1.0	-	yes

03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2	R1997	6.0.0		N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
03.84	Multi Party (MPTY) Supplementary Services; Stage 2	R1997	6.0.0		N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
03.85	Closed user Group (CUG) Supplementary Services; Stage 2	R1997	6.0.0		N4	-	..,		KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	R1997	6.0.1		N4	-	..,		KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
03.88	Call Barring (CB) supplementary services ; Stage 2	R1997	6.0.0		N4	-	HAMEL, Eric	France Telecom R&D	KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
03.90	Unstructured Supplementary Service Data (USSD)	R1997	6.0.0		N4	-	CHOTAI, Sunil	BT	KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	R1997	6.0.0		N4	-	DZUBAN, Stanislav	SIEMENS AG	KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	R1997	6.2.0		N4	-	HÄMÄLÄINEN, Pekka	NOKIA MOBILE PHONES	KYMALAINEN, Kimmo		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0	-	yes
03.96	Name Identification Supplementary Services; Stage 2	R1997	6.0.1		N4	-			KYMALAINEN, Kimmo		#24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)	-	yes
04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	R1997	6.0.0		N1	-	AVELINE, Sophie	France Telecom R&D	AL -BAKRI, Ban		#27: 6.0.0	-	yes
04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	R1997	6.0.0		N1	-			AL -BAKRI, Ban		#27: 6.0.0	-	yes
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	R1997	6.0.0		G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#25: 6.0.0	-	yes
04.04	Layer 1 - General Requirements	R1997	6.0.0		G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#25: 6.0.0	-	yes
04.05	Data Link (DL) Layer General Aspects	R1997	6.0.1		G2	-	..,		THOMASEN, Gert		#27: 6.0.0	-	yes
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	R1997	6.2.0		G2	-	..,		THOMASEN, Gert		#27: 6.0.0 #29: 6.1.0 #31:6.2.0	-	yes
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	R1997	6.5.1		N1	-	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28 6.3.0 #29: 6.4.0 TSG#5: 6.5.0	-	yes

04.08	Mobile radio interface layer 3 specification	R1997	6.c.1		N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28 6.3.0 #29: 6.4.0 TSG#5: 6.5.0 TSG#6 6.7.0 #31:6.8.0 TSG#7: 6.9.0 #31b:6.10.0 #32:6.11.0 TSG#8:6.11.0 GERAN#1:6.c.0 TSG#9:6.c.0	-	yes
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	R1997	6.0.1		N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo		#25: 6.0.0	-	yes
04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	R1997	6.1.0		N1	-	NOBUYUKI, Uda	NTT Communications Ware Corporation	AL -BAKRI, Ban		#25: 6.0.0 TSG#9:6.1.0	-	yes
04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	R1997	6.0.1		G2	T2	PUDNEY, Chris	VODAFONE Group Plc	THOMASEN, Gert		#27: 6.0.0	-	yes
04.13	Performance Requirements on Mobile Radio Interface	R1997	6.0.1		N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		#27: 6.0.0	-	yes
04.14	Individual equipment type requirements and interworking; Special conformance testing functions	R1997	6.2.0		G2	-	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert		#27: 6.0.0 #30: 6.1.0 #32:6.2.0	-	yes
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	R1997	6.1.0		N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHICK, David		#27: 6.0.0 TSG#8:6.1.0	-	yes
04.22	Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	R1997	6.2.0		N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David		#26: 6.0.0 #27: 6.1.0 TSG#6: 6.2.0	-	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	R1997	6.b.0		G2	-	...		THOMASEN, Gert		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 #30: 6.5.0 #30b: 6.6.0 #31:6.7.0 #31b:6.8.0 #32:6.9.0 GERAN#1:6.a.0 GERAN#2:6.b.0	-	yes
04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	R1997	6.0.0		N1	-	JACOBSON, Dieter	Deutsche Telekom MobilNet GmbH	AL -BAKRI, Ban		#27: 6.0.0	-	yes
04.64	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	R1997	6.7.0		N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban		#23: 5.0.0 #24: 5.1.0 #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 #30: 6.5.0 post-TSG#6: 6.6.0 #31:6.7.0	-	yes
04.65	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)	R1997	6.7.0		N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban	24.065 existed, but scrapped since 04.65 is GSM only.	#23: 5.0.0 #24: 5.1.0 #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 #30: 6.5.016.6.0 #31:6.7.0	-	yes

04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) ; Stage 3	R1997	6.0.1		N4	-	MÜNNING, Dirk	DETECON GMBH	KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
04.68	Group Call Control (GCC) Protocol	R1997	6.3.0		N1	-			AL -BAKRI, Ban		#27: 6.0.0 #29: 6.1.0 #30: 6.2.0 TSG#7: 6.3.0	-	yes
04.69	Broadcast Call Control (BCC) protocol	R1997	6.3.0		N1	-			AL -BAKRI, Ban		#27: 6.0.0 #29: 6.1.0 #30: 6.2.0 TSG#7: 6.3.0	-	yes
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	R1997	6.1.1		N4	-	..,		KYMALAINEN, Kimmo		#25: 6.0.0 #26: 6.1.0 #28: 6.1.1	-	yes
04.81	Line Identification Supplementary Services ; Stage 3	R1997	6.0.1		N4	-	..,		KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
04.82	Call Forwarding (CF) Supplementary Services - Stage 3	R1997	6.0.1		N4	-	POTHS, Annette	MANNESMANN Mobilfunk GmbH	KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services ; Stage 3	R1997	6.0.1		N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
04.84	Multi Party (MPTY) Supplementary Services ; Stage 3	R1997	6.0.1		N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
04.85	Closed User Group (CUG) Supplementary Services ; Stage 3	R1997	6.0.0		N4	-	..,		KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
04.86	Advice of Charge (AoC) Supplementary Services ; Stage 3	R1997	6.0.1		N4	-	..,		KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
04.88	Call Barring (CB) Supplementary Services ; Stage 3	R1997	6.0.1		N4	-	HAMEL, Eric	France Telecom R&D	KYMALAINEN, Kimmo		#25: 6.0.0	-	yes
04.90	Unstructured Supplementary Service Data (USSD)	R1997	6.0.1		N4	-	..,		KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
04.91	Explicit Call Transfer (ECT) Supplementary Service ; Stage 3	R1997	6.0.1		N4	-	DZUBAN, Stanislav	SIEMENS AG	KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3	R1997	6.1.1		N4	-	HÄMÄLÄINEN, Pekka	NOKIA MOBILE PHONES	KYMALAINEN, Kimmo		#25: 6.0.0 #26: 6.1.0 #28: 6.1.1	-	yes
04.96	Name Identification Supplementary Services; Stage 3	R1997	6.0.1		N4	-			KYMALAINEN, Kimmo		#24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)	-	yes
05.01	Physical Layer on the Radio Path (General Description)	R1997	6.1.1		GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paolino		#24: 6.0.0 #25: 6.1.0	-	yes
05.02	Multiplexing and Multiple Access on the Radio Path	R1997	6.9.0		GP	-	..,		USAI, Paolino		#24: 6.0.0 #25: 6.1.0 #26: 6.2.0 #27: 6.3.0 #28: 6.4.0 #29: 6.5.0 #30: 6.6.0 SMG#30bis: 6.7.0 #31: 6.8.0 #31b: 6.9.0	-	yes
05.03	Channel Coding	R1997	6.2.1		GP	-	..,		USAI, Paolino		#24: 6.0.0 #25: 6.1.0 #28: 6.2.0	-	yes

	05.04	Modulation	R1997	6.1.0		GP	-	REINER, Michaël	AEG Mobile Communications GmbH (AMC)	USAI, Paolino		#27: 6.0.0 #30b: 6.1.0	-	yes
	05.05	Radio Transmission and Reception	R1997	6.8.0		GP	-	CHARLES, Jean Pierre	France Telecom R&D	USAI, Paolino		#24: 6.0.0 #25: 6.1.0 #26: 6.2.0 #27: 6.3.0 #28: 6.4.0 #29: 6.5.0 #30: 6.6.0 #31:6.7.0 GERAN#1:6.8.0	-	yes
	05.08	Radio Subsystem Link Control	R1997	6.9.0		GP	-	WHITE, Phil	VODAFONE Group Plc	USAI, Paolino		. GERAN#1:6.9.0	-	yes
	05.10	Radio subsystem synchronization	R1997	6.7.0		GP	-	BENN, Howard	MOTOROLA Ltd	USAI, Paolino		#24: 6.0.0 #25: 6.1.0 #26: 6.2.0 #27: 6.3.0 #28: 6.4.0 #29: 6.5.0 #30: 6.6.0 GERAN#2:6.7.0	-	yes
TR	05.14	Release independent frequency bands; Implementation guidelines	R1997	6.0.0		G1	G2	KANGAS, Antti	NOKIA Corporation	USAI, Paolino	Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. Changed from G2 to G1 at same time.	Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. R97 record created at same time (originally was only R99 and R98). GERAN#2:6.0.0	-	yes
TR	05.22	Radio link management in hierarchical networks	R1997	6.0.0		GP	-	..,		USAI, Paolino		#27: 6.0.0	-	yes
TR	05.50	Background for RF Requirements	R1997	6.1.0		GP	-	..,		USAI, Paolino		#24: 6.0.0 #31:6.1.0	-	yes
	06.01	Full Rate Speech Processing Functions	R1997	6.0.1		S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#27: 6.0.0	-	yes
	06.02	Half Rate Speech Processing Functions	R1997	6.0.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#27: 6.0.0	-	yes
	06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	R1997	6.0.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#27: 6.0.0	-	yes
	06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	R1997	6.0.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#27: 6.0.0	-	yes
TR	06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	R1997	6.0.0		S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#27: 6.0.0	-	yes
	06.10	Full Rate Speech Transcoding	R1997	6.1.0		S4	-	LORENZ, Dietmar	PHILIPS Semiconductors	USAI, Paolino		#27: 6.0.0 #32:6.1.0	-	yes
	06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	R1997	6.0.1		S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		#27: 6.0.0	-	yes
	06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	R1997	6.0.1		S4	-	SERENO, Daniele	TELECOM ITALIA S.p.A.	USAI, Paolino		#27: 6.0.0	-	yes
	06.20	Half Rate Speech Transcoding	R1997	6.0.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#27: 6.0.0	-	yes
	06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	R1997	6.0.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#27: 6.0.0	-	yes
	06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	R1997	6.0.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#27: 6.0.0	-	yes

	06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	R1997	6.0.1		S4	-	...		USAI, Paolino		#27: 6.0.0	-	yes
	06.32	Voice Activity Detection (VAD)	R1997	6.0.1		S4	-	BARRETT, Paul	BT	USAI, Paolino		#27: 6.0.0	-	yes
	06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	R1997	6.0.1		S4	-	...		USAI, Paolino		#27: 6.0.0	-	yes
	06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	R1997	6.0.1		S4	-	BARRETT, Paul	BT	USAI, Paolino		#27: 6.0.0	-	yes
	06.51	GSM Enhanced full rate speech processing functions: General description	R1997	6.1.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#27: 6.0.0 #32:6.1.0	-	yes
	06.53	ANSI-C code for the GSM Enhanced full rate speech codec	R1997	6.0.1		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#27: 6.0.0	-	yes
	06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	R1997	6.1.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#27: 6.0.0 #32:6.1.0	-	yes
TR	06.55	Performance characterisation of the GSM EFR Speech Codec	R1997	6.0.0		S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#27: 6.0.0	-	yes
	06.60	Enhanced full rate speech transcoding	R1997	6.0.1		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#27: 6.0.0	-	yes
	06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels	R1997	6.0.1		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#27: 6.0.0	-	yes
	06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	R1997	6.0.1		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#27: 6.0.0	-	yes
	06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	R1997	6.1.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#27: 6.0.0 #30: 6.1.0	-	yes
	06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels	R1997	6.0.1		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#27: 6.0.0	-	yes
TR	06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	R1997	6.0.0		S4	-	...		USAI, Paolino		#27: 6.0.0	-	yes
	07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	R1997	6.1.0		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#27: 6.0.0 #29: 6.1.0	-	yes
	07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	R1997	6.0.0		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#26: 6.0.0	-	yes
	07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	R1997	6.0.0		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#26: 6.0.0	-	yes

07.05	Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)	R1997	6.0.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#27: 6.0.0	-	yes
07.07	AT Command set for GSM Mobile Equipment (ME)	R1997	6.4.0		T2	-	NOVAK, Lars	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #29: 6.3.0 TSG#5: 6.4.0	-	yes
07.10	Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol	R1997	6.4.0		T2	-	NOVAK, Lars	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 TSG#5: 6.4.0	-	yes
07.60	General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS	R1997	6.5.0		N3	-	HEATON, Graham	RTS Wireless International Ltd.	BOSWARTHICK, David		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #29: 6.3.0 TSG#5: 6.4.0 TSG#6: 6.5.0	-	yes
08.01	General Aspects on the BSS-MSC Interface	R1997	6.0.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#27: 6.0.0	-	yes
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	R1997	6.0.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#27: 6.0.0	-	yes
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	R1997	6.0.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#27: 6.0.0	-	yes
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	R1997	6.0.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#27: 6.0.0	-	yes
08.08	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	R1997	6.5.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#31b:6.5.0	-	yes
08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	R1997	6.0.0		G2	-	...		THOMASEN, Gert		#24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)	-	yes
08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	R1997	6.3.0		G2	-	...		THOMASEN, Gert		#24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn) #26: 6.1.0 #28: 6.2.0 #29: 6.3.0	-	yes
08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	R1997	6.7.1		G2	-	...		THOMASEN, Gert		#24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn) #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 #30: 6.5.0 #31:6.7.0	-	yes
08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	R1997	6.0.0		N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHICK, David		#27: 6.0.0	-	yes

	08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	R1997	6.0.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#27: 6.0.0	-	yes
	08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	R1997	6.0.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#27: 6.0.0	-	yes
	08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	R1997	6.0.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#27: 6.0.0	-	yes
	08.56	BSC-BTS Layer 2 Specification	R1997	6.0.0		G2	-	ANDERSEN, Harald	ERICSSON TELECOM	THOMASEN, Gert		#27: 6.0.0	-	yes
	08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification	R1997	6.3.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0	-	yes
	08.60	Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	R1997	6.0.1		GP	-	..,		USAI, Paolino		#27: 6.0.0	-	yes
	08.61	Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)	R1997	6.0.1		GP	NP	JACOB, Petra	SIEMENS AG	USAI, Paolino		#27: 6.0.0	-	yes
TR	09.01	General Network Interworking Scenarios	R1997	6.0.0		N4	-	..,		KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
	09.02	Mobile Application Part (MAP) Specification	R1997	6.9.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo	CN->N4 Apr00 (JMM)	#24: 6D1.0 #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 TSG#5: 6.5.0 N#6: 6.6.0. TSG#7: 6.7.0 TSG#8:6.8.0 TSG#9:6.9.0	-	yes
	09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	R1997	6.0.0		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	#27: 6.0.0	-	yes
	09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	R1997	6.0.0		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	#27: 6.0.0	-	yes
	09.05	Interworking between the PLMN and the PSPDN for PAD Access	R1997	6.0.0		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	#27: 6.0.0	-	yes
	09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	R1997	6.0.0		N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David	N3: "no R99 needed".	#27: 6.0.0	-	yes

09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	R1997	6.2.0		N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David		#27: 6.0.0 #29: 6.1.0 N#6: 6.2.0	-	yes
09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	R1997	6.0.0		N1	-	VACANT,		AL -BAKRI, Ban		#27: 6.0.0	-	yes
09.10	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)	R1997	6.1.0		N4	-	..,		KYMALAINEN, Kimmo		#25: 6.0.0 #29: 6.1.0	-	yes
09.11	Signalling Interworking for Supplementary Services	R1997	6.0.0		N4	-	HAMEL, Eric	France Telecom R&D	KYMALAINEN, Kimmo		#26: 6.0.0	-	yes
09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	R1997	6.0.0		N4	-	CHOTAI, Sunil	BT	KYMALAINEN, Kimmo		#27: 6.0.0	-	yes
09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification	R1997	6.1.0		N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		#25: 6.0.0 #28: 6.1.0	-	yes
09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	R1997	6.6.0		N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 TSG#5: 6.5.0. TSG#7: 6.6.0	-	yes
09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface	R1997	6.9.0		N4	-	OLTEDAL, Einar	Telefon AB LM Ericsson	KYMALAINEN, Kimmo		#24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn) #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 TSG#5: 6.5.0. TSG#7: 6.7.0 TSG#8:6.8.0 TSG#9:6.9.0	-	yes
09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet	R1997	6.4.0		N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David		#25: 6.0.0 #26: 6.2.0 (6.1.0 withdrawn due to WORD compatibility problems) #27: 6.3.0 #30: 6.4.0	-	yes
09.78	CAMEL Application Part phase 2 (stage 3)	R1997	6.5.0		N2	-	NOLDUS, Rogier	Telefon AB LM Ericsson	JORGENSEN, Per Johan		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 TSG#8:6.5.0	-	yes
10.02	Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+	R1997	6.1.0		N4	-	..,		KYMALAINEN, Kimmo		#28: 6.0.0 TSG#5:6.1.0	-	yes

	10.60	General Packet Radio Services (GPRS); Project Scheduling and Open Issues	R1997	6.0.0		S2	-	PETERSEN, Johan	Telefon AB LM Ericsson	SULTAN, Alain		#25: 6.0.0	-	yes
	11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification	R1997	6.3.1		G4	S1 / GP / NP / T2 / SCP	...		SALMERON, Lidia	R99 version now serves all releases. Earlier releases frozen.	#28: 6.0.0 #29: 6.1.0 #30: 6.2.0 #31:6.3.0 #31bis: closed (R99 version serves all releases)	-	yes
	11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	R1997	6.3.0		T3	-	GUTHERY, Scott B.	Mobile-Mind Inc.	SANDERS, Michael		#25: 6.0.0 #26: 6.1.0 #28: 6.2.0 #31:6.3.0 #32:frozen	-	yes
	11.14	Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit	R1997	6.3.0		T3	-	WOODSEND, Kristian	ASPECTS Software Ltd	SANDERS, Michael		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 (#31:6.4.0 but CR later withdrawn)	-	yes
	12.05	Subscriber Related Call and Event Data	R1997	6.1.0		S5	S1	SJÖBLOM, Kai	NOKIA Corporation	ZOICAS, Adrian		#27: 6.0.0 #28: 6.1.0	-	yes
	12.11	Fault management of the Base Station System (BSS)	R1997	6.3.0		S5	S1 / GP	...		ZOICAS, Adrian		#26: 6.0.0 #27: 6.1.0 #28: 6.2.0 #29: 6.3.0	-	yes
	12.15	General Packet Radio Service (GPRS); GPRS Charging	R1997	6.2.0		S5	-	HEATON, Graham	RTS Wireless International Ltd.	ZOICAS, Adrian		#27: 6.1.0 #28: 6.2.0	-	yes
			R1996											
Type	Number	Title	Rel	current vers	frozen	WG prime	WG other	rappporteur	rapp org	MCC support	general remarks	version remarks	U	G
TR	01.00	Working Procedures for SMG	R1996	5.2.0		SP	-	BERGMANN, Ansgar	ETSI Secretariat	POPE, Maurice		#17: 5.0.0 #19: 5.1.0 #25: 5.2.0	-	yes
TS	01.02	General Description of a GSM Public Land Mobile Network (PLMN)	R1996	5.0.0		S1	GP / NP	JORGENSEN, Niels H.	TELE DANMARK A/S	CLAYTON, Michael		#17: 5.0.0	-	yes
TR	01.04	Abbreviations and Acronyms	R1996	5.0.1		GP	-	CLAYTON, Michael	ETSI Secretariat	USAI, Paolino		#17: 5.0.0 #20: 5.0.1	-	yes
	01.48	ISDN-based DECT/GSM interworking; Feasibility study	R1996	5.0.1		S1	-	GRAETZ, Ingeborg	SIEMENS AG	CLAYTON, Michael		#19: 5.0.0 #20: 5.0.1	-	yes
	02.01	Principles of Telecommunication Services Supported by a GSM Public Land Mobile Network(PLMN)	R1996	5.5.0		S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael		#16: 5.0.0 #17: 5.1.0 #20: 5.2.0 #24: 5.3.0 #26: 5.4.0 #29: 5.5.0	-	yes
	02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	R1996	5.3.2		S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		#16: 5.0.0 #18: 5.1.0 #20: 5.2.0. #22: 5.3.0	-	yes
	02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	R1996	5.3.2		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #21: 5.2.0 #22: 5.3.0	-	yes
	02.04	General on Supplementary Services	R1996	5.7.4		S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		#16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0 #23: 5.7.0 #25: 5.7.1 #29: 5.7.3	-	yes
	02.06	Types of Mobile Stations (MS)	R1996	5.2.1		S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#20: 5.0.0 #21: 5.1.0 #28: 5.2.0	-	yes
	02.07	Mobile Station (MS) Features	R1996	5.4.1		S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#17: 5.0.0 #18: 5.1.0 #20: 5.2.0 #22: 5.3.0 #24: 5.4.0	-	yes

02.09	Security Aspects	R1996	5.2.0		S3	S1 / NP	CHRISTOFFERSSON, Per	TELIA AB	POPE, Maurice		#20: 5.0.0 #22: 5.1.0 edito 5.1.1 #31:5.2.0	-	yes
02.11	Service Accessibility	R1996	5.0.1		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#20: 5.0.0	-	yes
02.16	International Mobile Station Equipment Identities (IMEI)	R1996	5.2.0		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#20: 5.0.0 #30: 5.1.0 TSG#8:5.2.0	-	yes
02.17	Subscriber Identity Modules, Functional Characteristics	R1996	5.1.1		T3	S1	HOOKER, Philip	ORANGE PCS LTD	SANDERS, Michael		#20: 5.0.0 #27: 5.1.0	-	yes
02.22	Stage 1 for Personalisation of GSM ME	R1996	5.4.0		S1		DURAND, Romain	ALCATEL France	CLAYTON, Michael		#17: 5.0.0 #19: 5.1.0 #20: 5.2.0 #23: 5.3.0 #25: 5.3.1 #26: 5.4.0	-	yes
02.24	Description of Charge Advice Information (CAI)	R1996	5.0.1		S1		DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael		#20: 5.0.0	-	yes
02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	R1996	5.7.1		S1		JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.3.1 #21: 5.4.0 #22: 5.5.0 #23: 5.6.0 #24: 5.6.2 #28: 5.7.0	-	yes
02.34	High Speed Circuit Switched Data (HSCSD) ; Stage 1	R1996	5.2.1		S1		MUHONEN, Ahti	NOKIA Corporation	CLAYTON, Michael		#21: 5.1.0 #22: 5.2.0	-	yes
02.40	Procedures for Call Progress Indications	R1996	5.0.0		S1	NP	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	R99 -> 22.101	#20: 5.0.0	-	yes
02.41	Operator Determined Barring	R1996	5.1.1		S1		...		CLAYTON, Michael		#16: 5.0.0 #21: 5.1.0 #24: 5.1.1	-	yes
02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1	R1996	5.1.0		S1		GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#19: 5.0.0 #24: 5.1.0	-	yes
02.63	Packet Data on Signalling channels Service (PDS) ; Stage 1	R1996	5.0.0		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#19: 5.0.0	-	yes
02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP) ; Stage 1	R1996	5.1.1		S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#16: 5.0.0 #19: 5.0.1 #20: 5.0.2 #22: 5.0.4 #29 5.1.0	-	yes
02.68	Voice Group Call Service (VGCS) ; Stage 1	R1996	5.2.1		S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0	-	yes
02.69	Voice Broadcast Service (VBS) ; Stage 1	R1996	5.2.1		S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0	-	yes
02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	R1996	5.6.0		S1	-	KLEIER, Stephan	MANNESMANN Mobilfunk GmbH	CLAYTON, Michael		#19: 5.0.0 #20: 5.1.0 #21: 5.1.1 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0 #28: 5.6.0	-	yes
02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)	R1996	5.2.0		S1	-	FREY, Sophie	CEGETEL	CLAYTON, Michael		#19: 5.0.0 #20: 5.1.0 #28: 5.2.0	-	yes
02.81	Line Identification Supplementary Services ; Stage 1	R1996	5.1.0		S1	-	BLOMSTRAND, Ola	TELIA AB	CLAYTON, Michael		#20: 5.0.0 #24: 5.1.0	-	yes
02.82	Call Forwarding (CF) Supplementary Services ; Stage 1	R1996	5.0.0		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#16: 5.0.0	-	yes
02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services ; Stage 1	R1996	5.0.0		S1	-	...		CLAYTON, Michael		#20: 5.0.0	-	yes

	02.84	MultiParty (MPTY) Supplementary Services ; Stage 1	R1996	5.0.0		S1	-	POSTMANN, Erwin	SIEMENS AG	CLAYTON, Michael		#20: 5.0.0	-	yes
	02.85	Closed User Group (CUG) Supplementary Services ; Stage 1	R1996	5.0.0		S1	-	BLOMSTRAND, Ola	TELIA AB	CLAYTON, Michael		#20: 5.0.0	-	yes
	02.86	Advice of Charge (AoC) Supplementary Services ; Stage 1	R1996	5.0.0		S1	-	CRAWFORD, Ian	VODAFONE Group Plc	CLAYTON, Michael		#20: 5.0.0	-	yes
	02.88	Call Barring (CB) Supplementary Services ; Stage 1	R1996	5.0.0		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#20: 5.0.0	-	yes
	02.90	Stage 1 Decision of Unstructured Supplementary Service Data (USSD)	R1996	5.1.0		S1	-	SLOTTE, Sverre	NOKIA Corporation	CLAYTON, Michael		#20: 5.0.0 #21: 5.1.0	-	yes
	02.91	Explicit Call Transfer (ECT)	R1996	5.1.1		S1	-	POSTMANN, Erwin	SIEMENS AG	CLAYTON, Michael		#16: 5.0.0 #17: 5.0.1 #19: 5.1.0 #21: 5.1.1	-	yes
	02.95	Digital cellular telecommunications system (Phase 2+); Support of Private Numbering Plan (SPNP); Service description, Stage 1	R1996	5.2.0		S1	-	..,		CLAYTON, Michael		#16: 5.0.0 #18: 5.1.0 #19: 5.2.0	-	yes
	03.01	Network Functions	R1996	5.1.0		S2	NP	GAASVIK, Per-Ola	COMVIQ GSM AB	SULTAN, Alain	SMG3->SA2 @ TSG#7	#17: 5.0.0 #18: 5.1.0	-	yes
	03.02	Network Architecture	R1996	5.3.0		S2	NP / T2	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain		#17: 5.0.0 #18: 5.1.0 #23: 5.2.0 #24: 5.3.0	-	yes
	03.03	Numbering, Addressing and Identification	R1996	5.4.0		N4	T2	GAASVIK, Per-Ola	COMVIQ GSM AB	KYMALAINEN, Kimmo		#17: 5.0.0 #25: 5.1.0 #29: 5.2.0 TSG#7: 5.3.0 TSG#8:5.4.0	-	yes
TR	03.05	Technical performance objectives	R1996	5.0.0		NP	-	..,		BOSWARTHICK, David		#20: 5.0.0	-	yes
	03.07	Restoration Procedures	R1996	5.1.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		#20: 5.0.0 #23: 5.1.0	-	yes
	03.08	Organization of Subscriber Data	R1996	5.2.0		N4	-	BAUER, Rolf	ALCATEL SEL AG	KYMALAINEN, Kimmo		#18: 5.0.0 #21: 5.1.0 #23: 5.2.0	-	yes
	03.09	Handover Procedures	R1996	5.1.0		N1	-	FARHOUMAND, Rouzbeh	Ericsson Incorporated	AL -BAKRI, Ban		#18: 5.0.0 #22: 5.1.0	-	yes
	03.10	GSM Public Land Mobile Network (PLMN) Connection Types	R1996	5.4.0		N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David		#16: 5.0.0 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0	-	yes
	03.11	Technical Realization of Supplementary Services - General Aspects	R1996	5.0.1		N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
	03.12	Location Registration Procedures	R1996	5.0.0		N4	-	GAASVIK, Per-Ola	COMVIQ GSM AB	KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
	03.13	Discontinuous Reception (DRX) in the GSM System	R1996	5.0.0		GP	-	..,		USAI, Paolino		#17: 5.0.0	-	yes
	03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	R1996	5.0.0		N1	-	..,		AL -BAKRI, Ban		#20: 5.0.0	-	yes
	03.15	Technical Realization of Operator Determined Barring	R1996	5.1.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		#16: 5.0.0 #21: 5.1.0	-	yes
	03.16	Subscriber Data Management	R1996	5.3.0		N4	-	DETTNER, Harald	SIEMENS AG	KYMALAINEN, Kimmo		#18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0	-	yes

	03.18	Basic Call Handling	R1996	5.6.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		#21: 5.0.0 #22: 5.1.0 #23: 5.2.0 #24: 5.3.0 #25: 5.4.0 #26: 5.5.0 #27: 5.6.0	-	yes
	03.20	Security-related Network Functions	R1996	5.2.1		S3	NP / GP	NGUYEN NGOC, Sebastien	France Telecom R&D	POPE, Maurice		#20: 5.0.0 #21: 5.1.0 #23: 5.2.0 SMG#29: CRs but postponed, then forgotten!	-	yes
	03.22	Functions Related to Mobile Station (MS) in Idle Mode	R1996	5.3.1		G2	N1	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert	Moved from SMG3 Jan 2000	#20: 5.0.0 #21: 5.1.0 #22: 5.2.0 #26: 5.3.0	-	yes
TR	03.26	Multiband operation of GSM/DCS 1800 by a single operator	R1996	5.2.0		GP	NP	...		USAI, Paolino		#20: 5.0.0 #22: 5.1.0 #23: 5.2.0	-	yes
TR	03.30	Radio Network Planning Aspects	R1996	5.0.0		GP	-	STEVENS, Peter John	One 2 one	USAI, Paolino		#20: 5.0.0	-	yes
	03.32	Universal Geographical Area Description (GAD)	R1996	5.2.0		S2	-	...		SULTAN, Alain		#23: 5.0.0 #26: 5.1.0 #27: 5.2.0	-	yes
	03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	R1996	5.2.0		N1	-	MUHONEN, Janne	NOKIA Corporation	AL -BAKRI, Ban		#21: 5.0.0 #26: 5.1.0 #28: 5.2.0	-	yes
	03.38	Alphabets and Language Specific Information for GSM	R1996	5.6.1		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0	-	yes
	03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)	R1996	5.8.1		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0 #23: 5.7.0 #26: 5.8.0	-	yes
	03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	R1996	5.9.1		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0 #23: 5.7.0 #24: 5.8.0 #26: 5.9.0	-	yes
	03.42	SMS Compression	R1996	5.2.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#21: 5.0.0 #22: 5.1.0 #23: 5.2.0	-	yes
TR	03.43	Support of Videotex	R1996	5.0.0		T2	-	DI TRIA, Paolo	CSELT - Centro Studi e Laboratori Telecomunicazioni	RODERMUND, Friedhelm		#20: 5.0.0	-	yes
TR	03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	R1996	5.0.0		T2	-	...		RODERMUND, Friedhelm		#20: 5.0.0	-	yes
	03.45	Technical Realization of Facsimile Group 3 Service - transparent	R1996	5.2.1		N3	-	...		BOSWARTHICK, David		#20: 5.0.0 #21: 5.1.0 #22: #5.2.0	-	yes
	03.46	Technical Realization of Facsimile Group 3 Service - non transparent	R1996	5.0.0		N3	-	...		BOSWARTHICK, David		#20: 5.0.0	-	yes
TR	03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)	R1996	5.0.0		T2	-	...		RODERMUND, Friedhelm		#20: 5.0.0	-	yes

TR	03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)	R1996	5.7.0		T2	-	MEREDITH, Andrew	MOTOROLA Ltd	RODERMUND, Friedhelm		#16: 5.0.0 #18: 5.1.0 #19: 5.2.0 #20: 5.3.0 #21: 5.4.0 #22: 5.5.0 #23: 5.6.0 #24: 5.7.0	-	yes
	03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	R1996	5.4.0		S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#17: 5.0.0 #20: 5.0.1 #24: 5.0.3 #25: 5.1.0 #27: 5.2.0 #28: 5.3.0 #32:5.4.0	-	yes
	03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2	R1996	5.2.0		N3	-	ROSTÖ, Tommy	TELIA AB	BOSWARTHICK, David		#23: 5.1.0 #24: 5.2.0	-	yes
	03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2	R1996	5.1.0		N1	-	JACOBSON, Dieter	Deutsche Telekom MobilNet GmbH	AL -BAKRI, Ban		#16: 5.0.0 #18: 5.1.0	-	yes
	03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2	R1996	5.1.1		N4	-	MÜNNING, Dirk	DETECON GMBH	KYMALAINEN, Kimmo		#16: 5.0.0 #20: 5.1.0	-	yes
	03.68	Voice Group Call Service (VGCS); Stage 2	R1996	5.5.1		N1	-			AL -BAKRI, Ban		#16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0	-	yes
	03.69	Voice Broadcast service (VBS); Stage 2	R1996	5.5.1		N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		#16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0	-	yes
	03.70	Routing of Calls to/from Public Data Networks (PDN)	R1996	5.0.0		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	#20: 5.0.0	-	yes
	03.78	CAMEL Phase 2; Stage 2	R1996	5.8.0		N2	-	LANTELME, Isabelle	ALCATEL France	JORGENSEN, Per Johan		#21: 5.0.0 #22: 5.1.0 #23: 5.2.0 #24: 5.3.0 #25: 5.4.0 #26: 5.5.0 #27: 5.6.0 #28: 5.7.0 #29: 5.8.0	-	yes
	03.79	Support of Optimal Routing phase 1; Stage 2	R1996	5.5.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		#21: 5.0.0 #22: 5.1.0 #24: 5.2.0 #25: 5.3.0 #27: 5.4.0 TSG#5: 5.5.0	-	yes
	03.81	Line Identification Supplementary Services; Stage 2	R1996	5.2.0		N4	-	..,		KYMALAINEN, Kimmo		#20: 5.0.0 #24: 5.1.0 #26: 5.2.0	-	yes
	03.82	Call Forwarding (CF) Supplementary Services; Stage 2	R1996	5.0.0		N4	-	POTHS, Annette	MANNESMANN Mobilfunk GmbH	KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
	03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2	R1996	5.0.0		N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
	03.84	Multi Party (MPTY) Supplementary Services; Stage 2	R1996	5.0.0		N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
	03.85	Closed user Group (CUG) Supplementary Services; Stage 2	R1996	5.0.0		N4	-	..,		KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
	03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	R1996	5.0.1		N4	-	..,		KYMALAINEN, Kimmo		#20: 5.0.0	-	yes

03.88	Call Barring (CB) supplementary services ; Stage 2	R1996	5.0.0		N4	-	HAMEL, Eric	France Telecom R&D	KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
03.90	Unstructured Supplementary Service Data (USSD)	R1996	5.0.0		N4	-	CHOTAI, Sunil	BT	KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	R1996	5.0.2		N4	-	DZUBAN, Stanislav	SIEMENS AG	KYMALAINEN, Kimmo		#16: 5.0.0 #18: 5.0.1 #19: 5.0.2	-	yes
04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	R1996	5.0.0		N1	-	AVELINE, Sophie	France Telecom R&D	AL -BAKRI, Ban		#20: 5.0.0	-	yes
04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	R1996	5.0.0		N1	-			AL -BAKRI, Ban		#18: 5.0.0	-	yes
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	R1996	5.3.0		G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#18: 5.0.0 #21: 5.1.0 #22: 5.2.0 #24: 5.3.0	-	yes
04.04	Layer 1 - General Requirements	R1996	5.1.0		G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#20: 5.0.0 #24: 5.1.0	-	yes
04.05	Data Link (DL) Layer General Aspects	R1996	5.0.1		G2	-	..,		THOMASEN, Gert		#20: 5.0.0	-	yes
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	R1996	5.4.1		G2	-	..,		THOMASEN, Gert		#20: 5.0.0 #21: 5.1.0 #25: 5.2.0 #29: 5.3.0 #31:5.4.0	-	yes
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	R1996	5.3.0		N1	-	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban		#16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.2.0 #24: 5.3.0	-	yes
04.08	Mobile radio interface layer 3 specification	R1996	5.i.1		N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	. GERAN#1:5.i.0	-	yes
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	R1996	5.0.1		N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	R1996	5.3.0		N1	-	NOBUYUKI, Uda	NTT Communications Ware Corporation	AL -BAKRI, Ban		#16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.2.0 TSG#9:5.3.0	-	yes
04.12	Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface	R1996	5.0.2		G2	T2	PUDNEY, Chris	VODAFONE Group Plc	THOMASEN, Gert		#19: 5.0.0 #20: 5.0.1	-	yes
04.13	Performance Requirements on Mobile Radio Interface	R1996	5.1.1		N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		#18: 5.0.0 #20: 5.1.0	-	yes
04.14	Individual equipment type requirements and interworking; Special conformance testing functions	R1996	5.1.0		G2	-	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert		#26: 5.0.0 #27: 5.1.0	-	yes
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	R1996	5.7.0		N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHICK, David		#20: 5.0.0 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0 #25: 5.5.0 #27: 5.6.0 TSG#8:5.7.0	-	yes

04.22	Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	R1996	5.6.0		N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David		#16: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #25: 5.4.0 #27: 5.5.0 tsg#6: 5.6.0	-	yes
04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	R1996	5.0.0		N1	-	JACOBSON, Dieter	Deutsche Telekom MobilNet GmbH	AL -BAKRI, Ban		#18: 5.0.0	-	yes
04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) ; Stage 3	R1996	5.0.1		N4	-	MÜNNING, Dirk	DETECON GMBH	KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
04.68	Group Call Control (GCC) Protocol	R1996	5.5.0		N1	-			AL -BAKRI, Ban		#18: 5.0.0 #20: 5.0.1 #27: 5.1.0 #28: 5.2.0 #29: 5.3.0 #30: 5.4.0 TSG#7: 5.5.0	-	yes
04.69	Broadcast Call Control (BCC) protocol	R1996	5.5.0		N1	-			AL -BAKRI, Ban		#20: 5.0.0 #27: 5.1.0 #28: 5.2.0 #29: 5.3.0 #30: 5.4.0 TSG#7: 5.5.0	-	yes
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	R1996	5.3.1		N4	-	..,		KYMALAINEN, Kimmo		#18: 5.0.0 #20: 5.0.1 #24: 5.1.0 #25: 5.2.0 #28: 5.3.0	-	yes
04.81	Line Identification Supplementary Services ; Stage 3	R1996	5.0.1		N4	-	..,		KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
04.82	Call Forwarding (CF) Supplementary Services - Stage 3	R1996	5.0.1		N4	-	POTHS, Annette	MANNESMANN Mobilfunk GmbH	KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services ; Stage 3	R1996	5.0.1		N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
04.84	Multi Party (MPTY) Supplementary Services ; Stage 3	R1996	5.0.1		N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
04.85	Closed User Group (CUG) Supplementary Services ; Stage 3	R1996	5.0.0		N4	-	..,		KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
04.86	Advice of Charge (AoC) Supplementary Services ; Stage 3	R1996	5.0.1		N4	-	..,		KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
04.88	Call Barring (CB) Supplementary Services ; Stage 3	R1996	5.1.1		N4	-	HAMEL, Eric	France Telecom R&D	KYMALAINEN, Kimmo		#20: 5.0.0 #24: 5.1.0	-	yes
04.90	Unstructured Supplementary Service Data (USSD)	R1996	5.0.1		N4	-	..,		KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
04.91	Explicit Call Transfer (ECT) Supplementary Service ; Stage 3	R1996	5.1.2		N4	-	DZUBAN, Stanislav	SIEMENS AG	KYMALAINEN, Kimmo		#16: 5.0.0 #17: 5.1.0	-	yes
05.01	Physical Layer on the Radio Path (General Description)	R1996	5.4.0		GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paulino		#18: 5.0.0 #20: 5.1.0 #21: 5.2.0 #22: 5.3.0 #25: 5.4.0	-	yes

	05.02	Multiplexing and Multiple Access on the Radio Path	R1996	5.9.0		GP	-	...		USAI, Paolino		#18: 5.0.0 #19: 5.1.0 #20: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #25: 5.6.0 #26: 5.7.0 #28 5.8.0 GERAN#1:5.9.0	-	yes
	05.03	Channel Coding	R1996	5.6.0		GP	-	...		USAI, Paolino		#17: 5.0.0 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #23: 5.4.0 #25: 5.5.0 GERAN#1:5.6.0	-	yes
	05.04	Modulation	R1996	5.1.1		GP	-	REINER, Michaël	AEG Mobile Communications GmbH (AMC)	USAI, Paolino		#20: 5.0.0 #30: 5.1.0	-	yes
	05.05	Radio Transmission and Reception	R1996	5.d.0		GP	-	CHARLES, Jean Pierre	France Telecom R&D	USAI, Paolino		#17: 5.0.0 #18: 5.1.0 #19: 5.2.0 #20: 5.3.0 #21: 5.4.0 #22: 5.5.0 #23: 5.6.0 #24: 5.7.0 #25: 5.8.0 #26: 5.9.0 #27: 5.10.0 #29: 5.11.0 #30:5.12.0 GERAN#1:5.d.0	-	yes
	05.08	Radio Subsystem Link Control	R1996	5.a.0		GP	-	WHITE, Phil	VODAFONE Group Plc	USAI, Paolino		#18: 5.0.0 #19: 5.1.0 #20: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #26: 5.8.0 #27: 5.9.0 GERAN#1:5.a.0	-	yes
	05.10	Radio subsystem synchronization	R1996	5.4.1		GP	-	BENN, Howard	MOTOROLA Ltd	USAI, Paolino		#18: 5.0.0 #20: 5.1.0 #23: 5.2.0 GERAN#1:5.3.0 GERAN#2:5.4.0	-	yes
TR	05.22	Radio link management in hierarchical networks	R1996	5.0.0		GP	-	...		USAI, Paolino		#20: 5.0.0	-	yes
TR	05.50	Background for RF Requirements	R1996	5.1.1		GP	-	...		USAI, Paolino		#20: 5.0.0 #21: 5.1.0 #23: 5.1.1	-	yes
	06.01	Full Rate Speech Processing Functions	R1996	5.1.1		S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#20: 5.0.0 #23: 5.1.0	-	yes
	06.02	Half Rate Speech Processing Functions	R1996	5.0.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#20: 5.0.0	-	yes
	06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	R1996	5.1.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#20: 5.0.0 #22: 5.1.0 #23: 5.1.1	-	yes
	06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	R1996	5.2.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#20: 5.0.0 #22: 5.1.0 #23: 5.2.0	-	yes
TR	06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	R1996	5.0.0		S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#20: 5.0.0	-	yes
	06.10	Full Rate Speech Transcoding	R1996	5.2.0		S4	-	LORENZ, Dietmar	PHILIPS Semiconductors	USAI, Paolino		#20: 5.0.0 #23: 5.1.0 #32:5.2.0	-	yes
	06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	R1996	5.0.1		S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		#20: 5.0.0 #23: 5.0.1	-	yes

	06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	R1996	5.0.1		S4	-	SERENO, Daniele	TELECOM ITALIA S.p.A.	USAI, Paolino		#20: 5.0.0	-	yes
	06.20	Half Rate Speech Transcoding	R1996	5.1.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#20: 5.0.0 #22: 5.1.0	-	yes
	06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	R1996	5.0.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#20: 5.0.0	-	yes
	06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	R1996	5.1.0		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#20: 5.0.0 #22: 5.1.0	-	yes
	06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	R1996	5.0.1		S4	-	..,		USAI, Paolino		#20: 5.0.0 #23: 5.0.1	-	yes
	06.32	Voice Activity Detection (VAD)	R1996	5.0.3		S4	-	BARRETT, Paul	BT	USAI, Paolino		#20: 5.0.0 #23: 5.0.2	-	yes
	06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	R1996	5.1.1		S4	-	..,		USAI, Paolino		#20: 5.0.0 #22: 5.0.1 #23: 5.1.0	-	yes
	06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	R1996	5.0.1		S4	-	BARRETT, Paul	BT	USAI, Paolino		#20: 5.0.0 #22: 5.0.1	-	yes
	06.51	GSM Enhanced full rate speech processing functions: General description	R1996	5.2.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #32:5.2.0	-	yes
	06.53	ANSI-C code for the GSM Enhanced full rate speech codec	R1996	5.1.3		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3	-	yes
	06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	R1996	5.2.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#20: 5.0.0 #22: 5.1.0 #32:5.2.0	-	yes
TR	06.55	Performance characterisation of the GSM EFR Speech Codec	R1996	5.0.0		S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#19: 5.0.0	-	yes
	06.60	Enhanced full rate speech transcoding	R1996	5.2.1		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#17: 5.0.0 #19:5.1.0 #20: 5.1.1 #23: 5.1.3 #25: 5.2.0	-	yes
	06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels	R1996	5.1.2		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#17: 5.0.0 #19: 5.1.0 #20: 5.1.1	-	yes
	06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	R1996	5.1.3		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3	-	yes
	06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	R1996	5.2.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0	-	yes
	06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels	R1996	5.0.3		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#17: 5.0.0 #20: 5.0.2 #22: 5.0.3	-	yes
TR	06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	R1996	5.0.0		S4	-	..,		USAI, Paolino		#26: 5.0.0	-	yes
	07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	R1996	5.9.1		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#16: 5.0.0 #17: 5.0.1 #18: 5.1.0 #19: 5.2.0 #20: 5.3.0 #21: 5.4.0 #22: 5.5.0 #23: 5.6.0 #24: 5.7.0 #25: 5.8.0 #28: 5.9.0	-	yes

07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	R1996	5.5.1		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0	-	yes
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	R1996	5.4.1		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#18: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0	-	yes
07.05	Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)	R1996	5.5.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#19: 5.0.0 #20: 5.1.0 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0	-	yes
07.07	AT Command set for GSM Mobile Equipment (ME)	R1996	5.9.1		T2	-	NOVAK, Lars	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#19: 5.0.0 #20: 5.1.0 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0 #25: 5.6.0 #26: 5.7.0 #27: 5.8.0 #29: 5.9.0	-	yes
07.08	GSM Application Programming Interface	R1996	5.2.1		T2	-	...		RODERMUND, Friedhelm		#20: 5.0.0 #21: 5.1.0 #24: 5.2.0	-	yes
07.60	General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS	R1996	5.1.0		N3	-	HEATON, Graham	RTS Wireless International Ltd.	BOSWARTHICK, David		#24: 5.1.0	-	yes
08.01	General Aspects on the BSS-MSC Interface	R1996	5.0.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#20: 5.0.0	-	yes
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	R1996	5.1.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#20: 5.0.0 #21: 5.1.0	-	yes
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	R1996	5.0.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#20: 5.0.0	-	yes
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	R1996	5.3.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#17: 5.0.0 #18: 5.1.0 #25: 5.2.0 #28: 5.3.0	-	yes
08.08	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	R1996	5.c.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		.	-	yes
08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	R1996	5.3.0		N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHICK, David		#20: 5.0.0 #21: 5.1.0 #22: 5.2.0 #24: 5.3.0	-	yes
08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	R1996	5.0.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#20: 5.0.0	-	yes
08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	R1996	5.0.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#20: 5.0.0	-	yes
08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	R1996	5.0.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#16: 5.0.0	-	yes

	08.56	BSC-BTS Layer 2 Specification	R1996	5.0.0		G2	-	ANDERSEN, Harald	ERICSSON TELECOM	THOMASEN, Gert		#20: 5.0.0	-	yes
	08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification	R1996	5.a.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#16: 5.0.0 #17: 5.1.0 #19: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #26: 5.8.0 #29: 5.9.0 #30: 5.10.0	-	yes
	08.60	Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	R1996	5.1.1		GP	-	..,		USAI, Paolino		#17: 5.0.0 #19: 5.0.1 #20: 5.0.2 #22: 5.1.0	-	yes
	08.61	Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)	R1996	5.0.1		GP	NP	JACOB, Petra	SIEMENS AG	USAI, Paolino		#20: 5.0.0	-	yes
TR	09.01	General Network Interworking Scenarios	R1996	5.0.0		N4	-	..,		KYMALAINEN, Kimmo		#20: 5.0.0	-	yes
	09.02	Mobile Application Part (MAP) Specification	R1996	5.g.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo	CN->N4 Apr00 (JMM)	#16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0 #23: 5.7.0 #24: 5.8.0 #25: 5.9.0 #26: 5.10.0 #27: 5.11.0 #28: 5.12.0 #29: 5.13.0 TSG#5: 5.14.0 TSG#8:5.15.0 TSG#9:5.g.0	-	yes
	09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	R1996	5.0.0		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	#20: 5.0.0	-	yes
	09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	R1996	5.0.0		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	#20: 5.0.0	-	yes
	09.05	Interworking between the PLMN and the PSPDN for PAD Access	R1996	5.0.0		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	#20: 5.0.0	-	yes
	09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	R1996	5.0.2		N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David	N3: "no R99 needed".	#19: 5.0.0 #20: 5.0.1	-	yes
	09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	R1996	5.a.0		N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David		#16: 5.0.0 #17: 5.0.1 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #27: 5.8.0 #28: 5.9.0 N#6: 5.10.0	-	yes

	09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	R1996	5.1.0		N1	-	VACANT,		AL -BAKRI, Ban		#20: 5.0.0 #21: 5.1.0	-	yes
	09.10	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)	R1996	5.2.0		N4	-	...		KYMALAINEN, Kimmo		#17: 5.0.0 #18: 5.1.0 #23: 5.2.0	-	yes
	09.11	Signalling Interworking for Supplementary Services	R1996	5.1.0		N4	-	HAMEL, Eric	France Telecom R&D	KYMALAINEN, Kimmo		#18: 5.0.0 #19: 5.1.0	-	yes
	09.78	CAMEL Application Part phase 2 (stage 3)	R1996	5.7.0		N2	-	NOLDUS, Rogier	Telefon AB LM Ericsson	JORGENSEN, Per Johan		#21: 5.0.0 #22: 5.1.0 #23: 5.2.0 #24: 5.3.0 #25: 5.4.0 #26: 5.5.0 #28: 5.6.0 #29: 5.7.0	-	yes
TR	09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)	R1996	5.1.0		N1	-	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban		#17: 5.0.0 #22: 5.1.0	-	yes
	10.00	Digital Cellular Telecommunication System Feature Description	R1996	5.2.1		S2	-	BERGMANN, Ansgar	ETSI Secretariat	SULTAN, Alain		#19: 5.0.0 & 5.1.0 #20: 5.2.0 Jun00: version we have is actually 5.1.2!	-	yes
TR	10.14	System Overview for 14.4 kbit/s Work Item	R1996	5.0.0		S2	-	...		SULTAN, Alain	still alive?	#22: 5.0.0	-	yes
TR	10.66	Support of Mobile Number Portability (MNP); Project plan	R1996	5.0.0	Mar 01	S1	-	TARAZI, Roger	EDP Telecom	CLAYTON, Michael			-	yes
	10.68	Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS)	R1996	5.0.0		S2	-	VAN DER AREND, Peter	KPN - Koninklijke PTT Nederland NV	SULTAN, Alain		#21: 5.0.0	-	yes
	11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification	R1996	5.b.1		G4	S1 / GP / NP / T2 / SCP	...		SALMERON, Lidia	R99 version now serves all releases. Earlier releases frozen.	#18: 5.0.0 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0 #25: 5.5.0 #26: 5.6.0 #27: 5.7.0 #28: 5.8.0 #29: 5.9.0 #30: 5.10.0 #31:5.11.0 #31bis: closed (R99 version serves all releases)	-	yes
	11.10-3	Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	R1996	5.0.1		G4	S1 / GP / NP / T2 / SCP	...		SALMERON, Lidia		#30: 5.0.0 #32:closed	-	yes
	11.10-4	Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification	R1996	5.2.0		G4	-	SALMERON, Lidia	ETSI Secretariat	SALMERON, Lidia		#30:5.0.0 #31:5.1.0 GERAN#2:5.2.0	-	yes
	11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	R1996	5.a.1		T3	-	GUTHERY, Scott B.	Mobile-Mind Inc.	SANDERS, Michael		#16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #23: 5.7.0 #24: 5.8.0 #25: 5.9.0 #26: 5.10.0	-	yes

	11.14	Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit	R1996	5.9.0		T3	-	WOODSEND, Kristian	ASPECTS Software Ltd	SANDERS, Michael		#18: 5.0.0 #19: 5.1.0 #20: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #26: 5.8.0 #27: 5.9.0 frozen	-	yes
	11.21	GSM Radio Aspects Base Station System Equipment Specification	R1996	5.4.1		G3	-	BUSIN, Ake	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#23: 5.1.0 #25: 5.2.0 #26: 5.3.0 #27: 5.4.0	-	yes
	11.26	GSM Repeater Equipment Specification	R1996	5.2.1		G3	-	BUSIN, Ake	Telefon AB LM Ericsson	RODERMUND, Friedhelm		.	-	yes
	12.02	Subscriber, Mobile Equipment (ME) and Services Data Administration	R1996	5.0.1		S5	S1	..		ZOICAS, Adrian		#22: 5.0.0	-	yes
	12.05	Subscriber Related Call and Event Data	R1996	5.0.1		S5	S1	SJÖBLOM, Kai	NOKIA Corporation	ZOICAS, Adrian		#23: 5.0.0	-	yes
	12.08	Subscriber and Equipment trace	R1996	5.1.1		S5	NP	SJÖBLOM, Kai	NOKIA Corporation	ZOICAS, Adrian		#23: 5.0.0 #25: 5.1.0	-	yes
	12.21	Network Management (NM) Procedures and Messages on the A-bis Interface	R1996	5.0.0		S5	GP	YUHAN, Albert	VoiceStream Wireless Corporation	ZOICAS, Adrian		#21: 5.0.0	-	yes
	13.34	Attachment requirements for Global System for Mobile communications (GSM); High Speed Circuit Switched Data (HSCSD) Multislot Mobile Stations; Access	R1996	5.1.0		MS G	G4	..		GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-2	#26: 5.0.0 #30: 5.1.0	-	yes
	13.67	Attachment requirements for Global System for Mobile communications (GSM); Railways Band (R-GSM); Mobile Stations; Access	R1996	5.1.1		MS G	G4	..		GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-7	#27: 5.0.0 #31: 5.1.0	-	yes
	13.68	Attachment requirements for Global System for Mobile communications (GSM); Advanced Speech Call Items (GSM-ASCI) Mobile Stations; Access	R1996	5.0.2		MS G	G4	..		GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-3	#27: 5.0.0	-	yes
Type	Number	Title	Ph2 Rel	current vers	frozen	WG pri me	WG other	rappporteur	rapp org	MCC support	general remarks	version remarks	U	G
TS	01.02	General Description of a GSM Public Land Mobile Network (PLMN)	Ph2	4.0.2		S1	GP / NP	JORGENSEN, Niels H.	TELE DANMARK A/S	CLAYTON, Michael		#7: 4.0.1 #8: 4.0.2	-	yes
TR	01.04	Abbreviations and Acronyms	Ph2	4.1.2		GP	-	CLAYTON, Michael	ETSI Secretariat	USAI, Paolino		#8: 4.0.1 #9: 4.0.3 #10: 4.0.4 #11: 4.1.0 #12: 4.1.1 #14: 4.1.2	-	yes
	02.01	Principles of Telecommunication Services Supported by a GSM Public Land Mobile Network(PLMN)	Ph2	4.6.0		S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael		#7: 4.2.1 #8: 4.3.0 #10: 4.4.0 #11: 4.4.1 #12: 4.5.0 #15: 4.6.0	-	yes
	02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	Ph2	4.2.2		S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		#7: 4.1.1 #8: 4.2.0	-	yes

02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	Ph2	4.3.1		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#7: 4.2.2 #11: 4.3.0	-	yes
02.04	General on Supplementary Services	Ph2	4.9.1		S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		#7: 4.5.1 #8: 4.6.0 #10: 4.7.0 #12: 4.8.0 #15: 4.9.0 #16: 4.9.1	-	yes
02.06	Types of Mobile Stations (MS)	Ph2	4.5.2		S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#7: 4.1.1 #8: 4.2.0 #14: 4.3.0 #16: 4.4.0 #22: 4.5.0	-	yes
02.07	Mobile Station (MS) Features	Ph2	4.8.2		S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#7: 4.4.1 #8: 4.4.2 #10: 4.5.0 #11: 4.6.0 #15: 4.7.0 #22: 4.8.0	-	yes
02.09	Security Aspects	Ph2	4.5.0		S3	S1 / NP	CHRISTOFFERSSON, Per	TELIA AB	POPE, Maurice		#7: 4.2.1 #12: 4.3.0 #22: 4.4.0 edito:4.4.1 #31:4.5.0	-	yes
02.11	Service Accessibility	Ph2	4.9.0		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#7: 4.5.1 #10: 4.6.0 #16: 4.8.0 #17: 4.9.0	-	yes
02.16	International Mobile Station Equipment Identities (IMEI)	Ph2	4.7.0		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#7: 4.3.1 #12: 4.4.0 #13: 4.5.0 #30: 4.6.0 TSG#8:4.7.0	-	yes
02.17	Subscriber Identity Modules, Functional Characteristics	Ph2	4.3.3		T3	S1	HOOKER, Philip	ORANGE PCS LTD	SANDERS, Michael		#7: 4.2.0 #8: 4.3.1	-	yes
02.24	Description of Charge Advice Information (CAI)	Ph2	4.5.0		S1		DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael		#7: 4.1.1 #8: 4.2.0 #9: 4.2.1 #10: 4.3.0 #11: 4.4.0 #15: 4.5.0	-	yes
02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	Ph2	4.d.0		S1		JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#7: 4.9.1 #8: 4.10.0 #10: 4.11.0 #12: 4.12.0 #13: 4.13.0	-	yes
02.40	Procedures for Call Progress Indications	Ph2	4.5.0		S1	NP	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	R99 -> 22.101	#7: 4.2.1 #9: 4.3.0 #10: 4.4.0 #14: 4.5.0	-	yes
02.41	Operator Determined Barring	Ph2	4.5.2		S1		..,		CLAYTON, Michael		#7: 4.4.1 #8: 4.5.0	-	yes
02.81	Line Identification Supplementary Services ; Stage 1	Ph2	4.6.1		S1	-	BLOMSTRAND, Ola	TELIA AB	CLAYTON, Michael		#7: 4.3.1 #10: 4.4.0 #11: 4.4.1 #12: 4.5.0 #16: 4.5.1 #24: 4.6.0	-	yes
02.82	Call Forwarding (CF) Supplementary Services ; Stage 1	Ph2	4.5.2		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#7: 4.4.2 #10: 4.5.0 #16: 4.5.2	-	yes
02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services ; Stage 1	Ph2	4.6.7		S1	-	..,		CLAYTON, Michael		#7: 4.6.3 #10: 4.6.5 #16: 4.6.7	-	yes
02.84	MultiParty (MPY) Supplementary Services ; Stage 1	Ph2	4.4.7		S1	-	POSTMANN, Erwin	SIEMENS AG	CLAYTON, Michael		#7: 4.4.2 #11: 4.4.5 #16: 4.4.7	-	yes
02.85	Closed User Group (CUG) Supplementary Services ; Stage 1	Ph2	4.2.6		S1	-	BLOMSTRAND, Ola	TELIA AB	CLAYTON, Michael		#7: 4.2.2 #16: 4.2.6	-	yes
02.86	Advice of Charge (AoC) Supplementary Services ; Stage 1	Ph2	4.1.5		S1	-	CRAWFORD, Ian	VODAFONE Group Plc	CLAYTON, Michael		#7: 4.1.1 #16: 4.1.5	-	yes
02.88	Call Barring (CB) Supplementary Services ; Stage 1	Ph2	4.4.3		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#7: 4.3.0 #8: 4.4.0 #16: 4.4.3	-	yes
02.90	Stage 1 Decision of Unstructured Supplementary Service Data (USSD)	Ph2	4.1.1		S1	-	SLOTTE, Sverre	NOKIA Corporation	CLAYTON, Michael		#8: 4.0.1 #21: 4.1.0	-	yes

	03.01	Network Functions	Ph2	4.0.4		S2	NP	GAASVIK, Per-Ola	COMVIQ GSM AB	SULTAN, Alain	SMG3->SA2 @ TSG#7	#7: 4.0.1	-	yes
	03.02	Network Architecture	Ph2	4.2.1		S2	NP / T2	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain		#7: 4.0.1 #17: 4.1.0 #18: 4.2.1	-	yes
	03.03	Numbering, Addressing and Identification	Ph2	4.b.0		N4	T2	GAASVIK, Per-Ola	COMVIQ GSM AB	KYMALAINEN, Kimmo		#7: 4.5.0 #8: 4.6.0 #9: 4.8.0 #12: 4.9.0 TSG#7: 4.10.0 TSG#8:4.11.0	-	yes
	03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	Ph2	4.0.4		N4	SPAN / T2	...		KYMALAINEN, Kimmo		#7: 4.0.1	-	yes
TR	03.05	Technical performance objectives	Ph2	4.1.0		NP	-	...		BOSWARTHICK, David		#7: 4.0.0 #19:4.1.0	-	yes
	03.07	Restoration Procedures	Ph2	4.3.1		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		#7: 4.2.0 #10: 4.3.0	-	yes
	03.08	Organization of Subscriber Data	Ph2	4.8.0		N4	-	BAUER, Rolf	ALCATEL SEL AG	KYMALAINEN, Kimmo		#7: 4.5.0 #8: 4.5.1 #9: 4.6.0 #10: 4.7.0 #18: 4.8.0	-	yes
	03.09	Handover Procedures	Ph2	4.6.0		N1	-	FARHOUMAND, Rouzbeh	Ericsson Incorporated	AL -BAKRI, Ban		#7: 4.1.0 #8: 4.2.0 #9: 4.2.1 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #17: 4.6.0	-	yes
	03.10	GSM Public Land Mobile Network (PLMN) Connection Types	Ph2	4.3.1		N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David		#7: 4.2.1 #8: 4.3.0	-	yes
	03.11	Technical Realization of Supplementary Services - General Aspects	Ph2	4.a.1		N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	KYMALAINEN, Kimmo		#7: 4.4.0 #9: 4.5.0 #10: 4.6.0 #11: 4.7.0 #12: 4.8.0 #14: 4.9.0 #18: 4.10.1	-	yes
	03.12	Location Registration Procedures	Ph2	4.4.2		N4	-	GAASVIK, Per-Ola	COMVIQ GSM AB	KYMALAINEN, Kimmo		#7: 4.3.0 #8: 4.4.0	-	yes
	03.13	Discontinuous Reception (DRX) in the GSM System	Ph2	4.0.4		GP	-	...		USAI, Paolino		#7: 4.0.1	-	yes
	03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	Ph2	4.1.1		N1	-	...		AL -BAKRI, Ban		#7: 4.0.0 #10: 4.1.0	-	yes
	03.15	Technical Realization of Operator Determined Barring	Ph2	4.3.1		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		#7: 4.2.0 #10: 4.3.0	-	yes
	03.16	Subscriber Data Management	Ph2	4.2.1		N4	-	DETTNER, Harald	SIEMENS AG	KYMALAINEN, Kimmo		#14: 4.1.0 #16: 4.1.1 #18: 4.2.1	-	yes
	03.20	Security-related Network Functions	Ph2	4.4.1		S3	NP / GP	NGUYEN NGOC, Sebastien	France Telecom R&D	POPE, Maurice		#7: 4.2.1 #10: 4.3.0 #17: .3.2 #21: 4.4.0	-	yes
	03.22	Functions Related to Mobile Station (MS) in Idle Mode	Ph2	4.b.0		G2	N1	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert	Moved from SMG3 Jan 2000	#7: 4.4.0 #9: 4.5.0 #10: 4.6.0 #11: 4.7.0 #12: 4.8.0 #14: 4.9.0 #16: 4.10.0 #17: 4.11.0	-	yes
TR	03.26	Multiband operation of GSM/DCS 1800 by a single operator	Ph2	4.3.0		GP	NP	...		USAI, Paolino		#18: 4.1.0 #22: 4.2.0 #23: 4.3.0	-	yes
TR	03.30	Radio Network Planning Aspects	Ph2	4.3.0		GP	-	STEVENS, Peter John	One 2 one	USAI, Paolino		#7: 4.2.0 #9: 4.2.1 #13: 4.3.0	-	yes
	03.38	Alphabets and Language Specific Information for GSM	Ph2	4.0.1		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#10: 4.0.0	-	yes

	03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)	Ph2	4.d.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#7: 4.6.0 #8: 4.7.0 #10: 4.8.1 #11: 4.9.0 #15: 4.11.0 #16: 4.12.0 #18: 4.13.0	-	yes
	03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	Ph2	4.b.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#7: 4.4.1 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #11: 4.8.0 #12: 4.9.0 #13: 4.10.0 #16: 4.11.0	-	yes
TR	03.43	Support of Videotex	Ph2	4.1.2		T2	-	DI TRIA, Paolo	CSELT - Centro Studi e Laboratori Telecomunicazioni	RODERMUND, Friedhelm		#7: 4.1.1	-	yes
TR	03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	Ph2	4.0.1		T2	-	..,		RODERMUND, Friedhelm		#7: 4.0.0	-	yes
	03.45	Technical Realization of Facsimile Group 3 Service - transparent	Ph2	4.5.0		N3	-	..,		BOSWARTHICK, David		#7: 4.2.1 #8: 4.3.0 #9: 4.3.1 #10: 4.4.0 #11: 4.4.1 #14: 4.5.0	-	yes
	03.46	Technical Realization of Facsimile Group 3 Service - non transparent	Ph2	4.1.2		N3	-	..,		BOSWARTHICK, David		#7: 4.0.1 #8: 4.0.2 #11: 4.1.0	-	yes
TR	03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)	Ph2	4.4.0		T2	-	..,		RODERMUND, Friedhelm		#7: 4.1.0 #8: 4.2.0 #12: 4.2.1 #18: 4.4.0	-	yes
TR	03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controler (BSC)	Ph2	4.6.0		T2	-	MEREDITH, Andrew	MOTOROLA Ltd	RODERMUND, Friedhelm		#7: 4.1.0 #8: 4.2.0 #11: 4.3.0 #12: 4.4.0 #13: 4.5.0 #16:4.6.0	-	yes
	03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	Ph2	4.6.1		S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#8: 4.0.0 #9: 4.1.0 #15: 4.2.0 #24: 4.3.0 #25: 4.4.0 #27: 4.5.0 #28: 4.6.0	-	yes
	03.70	Routeing of Calls to/from Public Data Networks (PDN)	Ph2	4.0.3		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	#7: 4.0.0 #8: 4.0.1	-	yes
	03.81	Line Identification Supplementary Services; Stage 2	Ph2	4.8.1		N4	-	..,		KYMALAINEN, Kimmo		#7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #19: 4.6.0 #24: 4.7.0 #26: 4.8.0	-	yes
	03.82	Call Forwarding (CF) Supplementary Services; Stage 2	Ph2	4.8.1		N4	-	POTHS, Annette	MANNESMANN Mobilfunk GmbH	KYMALAINEN, Kimmo		#7: 4.5.0 #8: 4.5.1 #10: 4.6.0 #12: 4.7.0 #18: 4.8.0	-	yes
	03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2	Ph2	4.4.1		N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo		#7: 4.3.0 #11: 4.3.2 #12: 4.4.0	-	yes
	03.84	Multi Party (MPTY) Supplementary Services; Stage 2	Ph2	4.4.1		N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	KYMALAINEN, Kimmo		#7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0	-	yes
	03.85	Closed user Group (CUG) Supplementary Services; Stage 2	Ph2	4.2.1		N4	-	..,		KYMALAINEN, Kimmo		#7: 4.0.0 #8: 4.1.0 #13: 4.2.0	-	yes
	03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	Ph2	4.6.1		N4	-	..,		KYMALAINEN, Kimmo		#7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #11: 4.5.0 #12: 4.6.0	-	yes

03.88	Call Barring (CB) supplementary services ; Stage 2	Ph2	4.6.1		N4	-	HAMEL, Eric	France Telecom R&D	KYMALAINEN, Kimmo		#7: 4.4.0 #10: 4.5.0 #12: 4.6.0	-	yes
03.90	Unstructured Supplementary Service Data (USSD)	Ph2	4.1.1		N4	-	CHOTAI, Sunil	BT	KYMALAINEN, Kimmo		#8: 4.0.0 #15: 4.1.0	-	yes
04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	Ph2	4.0.4		N1	-	AVELINE, Sophie	France Telecom R&D	AL -BAKRI, Ban		#7: 4.0.1	-	yes
04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	Ph2	4.0.4		N1	-			AL -BAKRI, Ban		#7: 4.0.1	-	yes
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	Ph2	4.1.1		G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#7: 4.0.1 #10: 4.1.0	-	yes
04.04	Layer 1 - General Requirements	Ph2	4.0.4		G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#7: 4.0.1	-	yes
04.05	Data Link (DL) Layer General Aspects	Ph2	4.0.3		G2	-	..,		THOMASEN, Gert		#7: 4.0.0	-	yes
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	Ph2	4.4.0		G2	-	..,		THOMASEN, Gert		#7: 4.2.0 #8: 4.3.0 #11: 4.4.0	-	yes
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	Ph2	4.3.1		N1	-	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban		#7: 4.1.1 #10: 4.2.0 #12: 4.3.0	-	yes
04.08	Mobile radio interface layer 3 specification	Ph2	4.n.1		N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	#7: 4.5.0 #8: 4.6.0 #9: 4.7.0 #10: 4.8.0 #11: 4.9.0 #12: 4.10.0 #14: 4.11.0 #15: 4.12.0 #16: 4.13.0 #17: 4.14.0 #18: 4.15.0 #19:4.16.0 #20: 4.17.0 #21: 4.18.0 #23: 4.20.1 #24: 4.21.0 #25: 4.22.0 #28 4.23.0	-	yes
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	Ph2	4.a.1		N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo		#7: 4.4.0 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #11: 4.8.0 #13: 4.9.0 #17: 4.10.0	-	yes
04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	Ph2	4.b.0		N1	-	NOBUYUKI, Uda	NTT Communications Ware Corporation	AL -BAKRI, Ban		#7: 4.3.0 #8: 4.4.0 #10: 4.5.0 #11: 4.6.0 #12: 4.7.0 #14: 4.8.0 #16: 4.9.0 #17: 4.10.0 TSG#9:CR rejected TSG#9:4.b.0	-	yes
04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	Ph2	4.6.0		G2	T2	PUDNEY, Chris	VODAFONE Group Plc	THOMASEN, Gert		#7: 4.1.1 #10: 4.2.0 #11: 4.3.0 #12: 4.4.0 #16: 4.6.0	-	yes
04.13	Performance Requirements on Mobile Radio Interface	Ph2	4.2.0		N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		#10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0	-	yes

04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	Ph2	4.6.1		N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHICK, David		#7: 4.2.1 #8: 4.3.0 #11: 4.4.0 #13: 4.5.0 #14: 4.6.0 Mar00: 4.6.1 = published version of ETS replacing OAP version	-	yes
04.22	Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	Ph2	4.5.1		N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David		#7: 4.2.2 #8: 4.3.0 #13: 4.4.0 #25: 4.5.0	-	yes
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	Ph2	4.b.1		N4	-	..,		KYMALAINEN, Kimmo		#7: 4.7.0 #8: 4.7.1 #9: 4.9.0 #12: 4.9.1 #16: 4.10.0 #17: 4.11.0	-	yes
04.81	Line Identification Supplementary Services ; Stage 3	Ph2	4.4.1		N4	-	..,		KYMALAINEN, Kimmo		#7: 4.2.0 #10: 4.3.0 #12: 4.4.0	-	yes
04.82	Call Forwarding (CF) Supplementary Services - Stage 3	Ph2	4.9.1		N4	-	POTHS, Annette	MANNESMANN Mobilfunk GmbH	KYMALAINEN, Kimmo		#7: 4.6.0 #11: 4.7.0 #12: 4.8.0 #17: 4.9.0	-	yes
04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services ; Stage 3	Ph2	4.6.1		N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo		#7: 4.4.0 #9: 4.5.0 #17: 4.6.0	-	yes
04.84	Multi Party (MPTY) Supplementary Services ; Stage 3	Ph2	4.3.2		N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	KYMALAINEN, Kimmo		#7: 4.2.0 #9: 4.3.0	-	yes
04.85	Closed User Group (CUG) Supplementary Services ; Stage 3	Ph2	4.1.1		N4	-	..,		KYMALAINEN, Kimmo		#7: 4.0.0 #18: 4.1.0	-	yes
04.86	Advice of Charge (AoC) Supplementary Services ; Stage 3	Ph2	4.5.2		N4	-	..,		KYMALAINEN, Kimmo		#7: 4.2.0 #8: 4.4.0 #11: 4.5.0	-	yes
04.88	Call Barring (CB) Supplementary Services ; Stage 3	Ph2	4.7.1		N4	-	HAMEL, Eric	France Telecom R&D	KYMALAINEN, Kimmo		#7: 4.6.0 #17: 4.7.0	-	yes
04.90	Unstructured Supplementary Service Data (USSD)	Ph2	4.1.1		N4	-	..,		KYMALAINEN, Kimmo		#8: 4.0.0 #12: 4.1.0	-	yes
05.01	Physical Layer on the Radio Path (General Description)	Ph2	4.6.0		GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paolino		#7: 4.1.0 #8: 4.2.0 #10: 4.3.0 #13: 4.4.0 #14: 4.5.0 #16: 4.6.0	-	yes
05.02	Multiplexing and Multiple Access on the Radio Path	Ph2	4.a.1		GP	-	..,		USAI, Paolino		#7: 4.3.0 #9: 4.4.0 #15: 4.5.0 #16: 4.6.0 #17: 4.7.0 #20: 4.8.0 #22: 4.9.0 #28 4.10.0	-	yes
05.03	Channel Coding	Ph2	4.5.1		GP	-	..,		USAI, Paolino		#7: 4.1.0 #13: 4.2.0 #15: 4.3.0 #21: 4.4.0 #22: 4.5.0	-	yes
05.04	Modulation	Ph2	4.0.3		GP	-	REINER, Michaël	AEG Mobile Communications GmbH (AMC)	USAI, Paolino		#7: 4.0.0	-	yes

	05.05	Radio Transmission and Reception	Ph2	4.n.1		GP	-	CHARLES, Jean Pierre	France Telecom R&D	USAI, Paolino		#7: 4.6.0 #8: 4.7.0 #9: 4.8.0 #10: 4.9.0 #13: 4.10.0 #14: 4.11.0 #16: 4.13.0 #17: 4.14.0 #18: 4.15.0 #19: 4.16.0 #20: 4.17.0 #21: 4.18.0 #22: 4.19.0 #23: 4.20.0 #24: 4.21.0 #26: 4.22.0 #29: 4.23.0	-	yes
	05.08	Radio Subsystem Link Control	Ph2	4.m.1		GP	-	WHITE, Phil	VODAFONE Group Plc	USAI, Paolino		#7: 4.6.0 #8: 4.7.0 #9: 4.8.0 #10: 4.9.0 #11: 4.10.0 #12: 4.11.0 #13: 4.12.0 #14: 4.13.0 #15: 4.14.0 #16: 4.15.0 #17: 4.16.0 #18: 4.17.0 #19: 4.18.0 #19: 4.18.1 #21: 4.18.2 #22: 4.19.0 #23: 4.20.0 #24: 4.21.0 #27: 4.22.0	-	yes
	05.10	Radio subsystem synchronization	Ph2	4.9.0		GP	-	BENN, Howard	MOTOROLA Ltd	USAI, Paolino		#7: 4.2.0 #8: 4.3.0 #9: 4.4.0 #13: 4.5.0 #14: 4.6.0 #16: 4.7.0 #17: 4.8.0 #18: 4.9.0	-	yes
TR	05.22	Radio link management in hierarchical networks	Ph2	4.0.0		GP	-	..,		USAI, Paolino		#18: 4.0.0	-	yes
TR	05.50	Background for RF Requirements	Ph2	4.2.0		GP	-	..,		USAI, Paolino		#8: 4.0.0 #13: 4.1.0 #17: 4.2.0	-	yes
	06.01	Full Rate Speech Processing Functions	Ph2	4.0.7		S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#7: 4.0.2 #23: 4.0.6	-	yes
	06.02	Half Rate Speech Processing Functions	Ph2	4.0.2		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#13: 4.0.0	-	yes
	06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	Ph2	4.2.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#13: 4.0.0 #16: 4.0.2 #17: 4.1.0 #23: 4.2.0	-	yes
	06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	Ph2	4.2.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#13: 4.0.0 #20: 4.1.0 #22: 4.2.0	-	yes
TR	06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	Ph2	4.0.0		S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#16: 4.0.0	-	yes
	06.10	Full Rate Speech Transcoding	Ph2	4.2.0		S4	-	LORENZ, Dietmar	PHILIPS Semiconductors	USAI, Paolino		#7: 4.0.0 #23: 4.1.0 #32: 4.2.0	-	yes
	06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	Ph2	4.0.6		S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		#7: 4.0.1 #23: 4.0.5	-	yes
	06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	Ph2	4.0.4		S4	-	SERENO, Daniele	TELECOM ITALIA S.p.A.	USAI, Paolino		#7: 4.0.1	-	yes
	06.20	Half Rate Speech Transcoding	Ph2	4.3.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#13: 4.0.0 #14: 4.1.0 #17: 4.3.0	-	yes

	06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	Ph2	4.0.2		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#13: 4.0.0	-	yes
	06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	Ph2	4.1.1		S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#13: 4.0.0 #15: 4.1.0	-	yes
	06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	Ph2	4.0.5		S4	-	...		USAI, Paolino		#7: 4.0.1 #23: 4.0.5	-	yes
	06.32	Voice Activity Detection (VAD)	Ph2	4.3.1		S4	-	BARRETT, Paul	BT	USAI, Paolino		#7: 4.0.1 #9: 4.0.3 #13: 4.1.0 #17: 4.2.0 #20: 4.2.1 #23: 4.3.0	-	yes
	06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	Ph2	4.0.2		S4	-	...		USAI, Paolino		#13: 4.0.0	-	yes
	06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	Ph2	4.1.1		S4	-	BARRETT, Paul	BT	USAI, Paolino		#13: 4.0.0 #15: 4.1.0	-	yes
	06.51	GSM Enhanced full rate speech processing functions: General description	Ph2	4.1.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#22: 4.0.0 #32:4.1.0	-	yes
	06.53	ANSI-C code for the GSM Enhanced full rate speech codec	Ph2	4.0.1		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#23: 4.0.1	-	yes
	06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	Ph2	4.1.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#22: 4.0.0 #32:4.1.0	-	yes
TR	06.55	Performance characterisation of the GSM EFR Speech Codec	Ph2	4.0.0		S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#22: 4.0.0	-	yes
	06.60	Enhanced full rate speech transcoding	Ph2	4.1.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#23: 4.0.1 #25: 4.1.0	-	yes
	06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels	Ph2	4.0.1		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#22: 4.0.0	-	yes
	06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	Ph2	4.0.1		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#23: 4.0.1	-	yes
	06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	Ph2	4.1.0		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#22: 4.0.0 #30: 4.1.0	-	yes
	06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels	Ph2	4.0.1		S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#22: 4.0.0	-	yes
	07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	Ph2	4.a.0		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#7: 4.5.0 #8: 4.6.0 #9: 4.6.1 #10: 4.7.0 #13: 4.8.0 #15: 4.9.0 #16: 4.10.0	-	yes
	07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	Ph2	4.5.1		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#7: 4.4.0 #9: 4.4.2 #11: 4.5.0	-	yes
	07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	Ph2	4.5.1		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#7: 4.4.0 #9: 4.5.0	-	yes

	07.05	Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)	Ph2	4.8.1		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#7: 4.2.1 #8: 4.3.0 #12: 4.4.0 #16: 4.5.0 #17: 4.6.0 #18: 4.7.0 #20: 4.8.0	-	yes
	07.07	AT Command set for GSM Mobile Equipment (ME)	Ph2	4.4.1		T2	-	NOVAK, Lars	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#16: 4.0.0 #18: 4.1.0 #24: 4.2.0 #25: 4.3.0 #27: 4.4.0	-	yes
	08.01	General Aspects on the BSS-MSC Interface	Ph2	4.0.3		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#7: 4.0.0	-	yes
	08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	Ph2	4.2.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#7: 4.0.0 #10: 4.1.0 #13: 4.2.0	-	yes
	08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	Ph2	4.0.3		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#7: 4.0.0	-	yes
	08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	Ph2	4.5.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #12: 4.5.0	-	yes
	08.08	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	Ph2	4.c.1		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#7: 4.4.0 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #13: 4.8.0 #15: 4.9.0 #16: 4.10.0 #17: 4.11.0 #23: 4.12.0	-	yes
	08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	Ph2	4.2.3		N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHICK, David		#7: 4.2.1 #13: 4.2.3	-	yes
	08.51	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects	Ph2	4.1.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#7: 4.0.1 #13: 4.1.0	-	yes
	08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles	Ph2	4.2.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#7: 4.0.1 #13: 4.1.0 #14: 4.2.0	-	yes
	08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	Ph2	4.1.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#7: 4.0.1 #13: 4.1.0	-	yes
	08.56	BSC-BTS Layer 2 Specification	Ph2	4.0.2		G2	-	ANDERSEN, Harald	ERICSSON TELECOM	THOMASEN, Gert		#8: 4.0.0	-	yes
	08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification	Ph2	4.9.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#7: 4.3.0 #8: 4.4.0 #9: 4.5.0 #10: 4.6.0 #13: 4.7.0 #15: 4.8.0 #16: 4.9.0	-	yes
	08.60	Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	Ph2	4.4.1		GP	-	..,		USAI, Paolino		#7: 4.1.0 #13: 4.2.0 #22: 4.3.0 #23: 4.4.0	-	yes
	08.61	Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)	Ph2	4.0.2		GP	NP	JACOB, Petra	SIEMENS AG	USAI, Paolino		#13: 4.0.0	-	yes
TR	09.01	General Network Interworking Scenarios	Ph2	4.0.1		N4	-	..,		KYMALAINEN, Kimmo		#8: 4.0.0 #9: 4.0.1	-	yes

09.02	Mobile Application Part (MAP) Specification	Ph2	4.j.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo	CN->N4 Apr00 (JMM)	#7: 4.4.0 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #11: 4.8.0 #12: 4.9.0 #13: 4.10.0 #14: 4.11.0 #16: 4.12.0 #17: 4.13.0 #19: 4.14.0 #20: 4.15.0 #21: 4.16.0 #22: 4.17.0 #23: 4.18.0 TSG#8:4.19.0	-	yes
09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	Ph2	4.0.3		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	#8: 4.0.0 #9: 4.0.1	-	yes
09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	Ph2	4.0.2		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	#7: 4.0.0 #8: 4.0.1 #9: 4.0.2	-	yes
09.05	Interworking between the PLMN and the PSPDN for PAD Access	Ph2	4.4.2		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	#7: 4.3.0 #8: 4.4.0 #9: 4.4.1	-	yes
09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	Ph2	4.5.0		N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David	N3: "no R99 needed".	#7: 4.3.0 #9: 4.4.0 #12: 4.5.0	-	yes
09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	Ph2	4.d.1		N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David		#7: 4.4.0 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #13: 4.8.0 #14: 4.9.0 #16: 4.10.0 #18: 4.11.0 #20: 4.12.0 #27: 4.13.0	-	yes
09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	Ph2	4.1.1		N1	-	VACANT,		AL -BAKRI, Ban		#9: 4.0.0 #13: 4.1.0	-	yes
09.10	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)	Ph2	4.4.1		N4	-	..,		KYMALAINEN, Kimmo		#8: 4.0.0 #9: 4.1.0 #10: 4.2.0 #17: 4.3.0 #23: 4.4.0	-	yes
09.11	Signalling Interworking for Supplementary Services	Ph2	4.6.1		N4	-	HAMEL, Eric	France Telecom R&D	KYMALAINEN, Kimmo		#7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #12: 4.4.0 #13: 4.5.0 #19: 4.6.0	-	yes

	09.12	Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling	Ph2	4.2.2		SPA N3	N4	...			EN 300 646	#17: 4.0.0 #22: 4.2.1 - SPAN1 prime resp., SMG 2nd resp. - different numbering scheme.	-	yes
TR	09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)	Ph2	4.9.0		N1	-	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban		#7: 4.0.0 #8: 4.1.0 #9: 4.2.0 #10: 4.3.0 #11: 4.4.0 #15: 4.5.0 #16: 4.6.0 #18: 4.7.0 #19: 4.8.0 #22: 4.9.0	-	yes
	09.91	Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2	Ph2	4.0.1		T3	-	GUTHERY, Scott B.	Mobile-Mind Inc.	SANDERS, Michael		#10: 4.0.0	-	yes
TR	09.94	Recommended Infrastructure Measures to Overcome Specific Phase 1 Mobile Stations Faults	Ph2	4.5.0		N1	-	CHOTAI, Sunil	BT	AL -BAKRI, Ban	v4.x.x belongs to all releases from ph2 onwards	#14: 4.0.0 #15: 4.1.0 #16: 4.2.0 #19: 4.3.0 #23: 4.4.0 SMG#30 4.5.0	-	yes
	11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification	Ph2	4.s.1		G4	S1 / GP / NP / T2 / SCP	...		SALMERON, Lidia	R99 version now serves all releases. Earlier releases frozen.	#16: 4.13.0 #17: 4.14.0 #18: 4.15.0 #19: 4.16.0 #20: 4.17.0 #21: 4.18.0 #22: 4.19.0 #23: 4.20.0 #24: 4.21.0 #25: 4.22.0 #26: 4.23.0 #27: 4.24.0 #28: 4.25.0 #29: 4.26.0 #30: 4.27.0 #31:4.28.0 #31b: closed (R99 version serves all releases)	-	yes
	11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	Ph2	4.f.0		G4	S1 / GP / NP / T2 / SCP	...		SALMERON, Lidia		#16: 4.13.0 #17: 4.14.0 #18: 4.15.0	-	yes
	11.10-3	Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	Ph2	4.30.0		G4	S1 / GP / NP / T2 / SCP	...		SALMERON, Lidia		#16: 4.13.0 #17: 4.14.0 #18: 4.15.0 #19: 4.16.0 #20: 4.17.0 #21: 4.18.0 #22: 4.19.0 #23: 4.20.0 #24: 4.21.0 #25: 4.22.0 #26: 4.23.0 #27: 4.24.0 #28: 4.25.0 #29: 4.26.0 #30: 4.27.0 #31:4.28.0 #32:4.29.0 GERAN#2:4.30.0	-	yes

	11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	Ph2	4.1.1		T3	-	GUTHERY, Scott B.	Mobile-Mind Inc.	SANDERS, Michael		#7: 4.8.0 #8: 4.9.0 #9: 4.10.0 #10: 4.11.0 #11: 4.12.0 #12: 4.13.0 #13: 4.14.0 #15: 4.15.0 #16: 4.16.0 #18: 4.17.0 #19: 4.18.0 #20: 4.18.1 #21: 4.18.2 #22: 4.19.0 #25: 4.20.0 #29: 4.21.0	-	yes
	11.21	GSM Radio Aspects Base Station System Equipment Specification	Ph2	4.e.1		G3	-	BUSIN, Ake	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#11: 4.0.0 #12: 4.1.0 #13: 4.2.0 #15: 4.3.0 #16: 4.4.0 #17: 4.5.0 #18: 4.6.0 #20: 4.7.0 #22: 4.8.0 #23: 4.9.0 #25: 4.10.0 #26: 4.11.0 #27: 4.12.0 #28: 4.13.0 #29: 4.14.0	-	yes
TR	11.22	GSM Base Station and Ancillary Equipment, Physical and Electrical Parameters, Application of Standards and Guidance Notes	Ph2	4.2.0		G3	-	BUSIN, Ake	Telefon AB LM Ericsson	RODERMUND, Friedhelm		.	-	yes
	11.23	GSM Signalling Aspects Base Station System equipment Specification	Ph2	4.9.1		G3	-	BUSIN, Ake	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#11: 4.0.0 #14: 4.1.0 #15: 4.1.0 #16: 4.2.0 #17: 4.3.0 #18: 4.4.0 #19: 4.5.0 #21: 4.6.0 #22: 4.7.0 #23: 4.8.0 #25: 4.9.0	-	yes
	11.24	GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification	Ph2	4.3.1		G3	-	BUSIN, Ake	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#14: 4.00 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0	-	yes
	11.26	GSM Repeater Equipment Specification	Ph2	4.2.2		G3	-	BUSIN, Ake	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#15: 4.0.0 #17: 4.1.0 #18: 4.2.0 #20: 4.2.2	-	yes
	12.00	Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management	Ph2	4.6.0		S5	-	..,		ZOICAS, Adrian		#7: 4.0.0 #8: 4.1.0 #11: 4.2.0 #15: 4.3.0 #16: 4.4.0 #17: 4.5.0 #23: 4.6.0	-	yes
	12.01	Common Aspects of Public Land Mobile Network (PLMN) Management	Ph2	4.4.1		S5	NP	..,		ZOICAS, Adrian		#7: 4.0.0 #8: 4.1.0 #9: 4.1.1 #10: 4.2.0 #11: 4.3.0 #17: 4.4.0	-	yes
	12.02	Subscriber, Mobile Equipment (ME) and Services Data Administration	Ph2	4.6.1		S5	S1	..,		ZOICAS, Adrian		#7: 4.0.0 #8: 4.1.0 #9: 4.2.0 #11: 4.3.0 #15: 4.4.0 #16: 4.5.0 #17: 4.6.0	-	yes
	12.03	Security Management	Ph2	4.2.1		S5	S1 / NP	..,		ZOICAS, Adrian		#11: 4.0.0 #14: 4.1.0 #17: 4.2.0	-	yes
	12.04	Performance Management and Measurements for a GSM Public Land Mobile Network (PLMN)	Ph2	4.3.1		S5	S1 / NP	..,		ZOICAS, Adrian		#8: 4.0.0 #11: 4.1.0 #13: 4.2.0 #17: 4.3.0	-	yes

Type	Number	Title	Rel	current vers	frozen	WG pri me	WG other	rappporteur	rapp org	MCC support	general remarks	version remarks	U	G
	03.20	Security-related Network Functions	Ph1-EXT	3.0.0		S3	NP / GP	NGUYEN NGOC, Sebastien	France Telecom R&D	POPE, Maurice		#7: 3.0.0	-	yes
	04.08	Mobile radio interface layer 3 specification	Ph1-EXT	3.0.0		N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	#7: 3.0.0	-	yes
	08.08	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	Ph1-EXT	3.0.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#7: 3.0.0	-	yes
	08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	Ph1-EXT	3.0.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#7: 3.0.0	-	yes
	02.06	Types of Mobile Stations (MS)	Ph1-DCS	3.0.0		S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		.	-	yes
	02.11	Service Accessibility	Ph1-DCS	3.1.0		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#4: 3.1.0	-	yes
	03.12	Location Registration Procedures	Ph1-DCS	3.0.1		N4	-	GAASVIK, Per-Ola	COMVIQ GSM AB	KYMALAINEN, Kimmo		.	-	yes
	04.08	Mobile radio interface layer 3 specification	Ph1-DCS	3.1.0		N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	.	-	yes
	05.01	Physical Layer on the Radio Path (General Description)	Ph1-DCS	3.0.0		GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paolino		.	-	yes
	05.05	Radio Transmission and Reception	Ph1-DCS	3.3.0		GP	-	CHARLES, Jean Pierre	France Telecom R&D	USAI, Paolino		#4: 3.2.0 #8: 3.3.0	-	yes
	05.08	Radio Subsystem Link Control	Ph1-DCS	3.0.0		GP	-	WHITE, Phil	VODAFONE Group Plc	USAI, Paolino		.	-	yes
	08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	Ph1-DCS	3.0.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		.	-	yes
	09.02	Mobile Application Part (MAP) Specification	Ph1-DCS	3.0.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo	CN->N4 Apr00 (JMM)	.	-	yes
	09.10	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)	Ph1-DCS	3.0.0		N4	-	..		KYMALAINEN, Kimmo		.	-	yes

	11.10	Mobile Station Conformity Specification (DCS 1800)	Ph1-DCS	3.e.0		G4	S1 / GP / NP / T2 / SCP	LEGRAND, Walter	MATRA NORTEL COMMUNICATIONS	SALMERON, Lidia		#2: 3.2.0 #3: 3.3.0 #4b: 3.4.0 #5: 3.5.0 #6: 3.6.0 #7: 3.7.0 #8: 3.8.0 #9: 3.9.0 #10: 3.10.0 #11: 3.11.0 #12: 3.12.0 #13: 3.13.0 #28: 3.14.0	-	yes
	11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	Ph1-DCS	3.3.4		T3	-	GUTHERY, Scott B.	Mobile-Mind Inc.	SANDERS, Michael		#2: 3.2.0 #4: 3.3.0 #8: 3.3.1 #9: 3.3.2 #11: 3.3.3 #12: 3.3.4	-	yes
	11.20	GSM DCS 1800 Base Station Specification	Ph1-DCS	3.d.0		GP	NP	BUSIN, Ake	Telefon AB LM Ericsson	USAI, Paolino		#1: 3.1.0 #2: 3.2.0 #3: 3.3.0 #4: 3.4.0 #5: 3.5.0 #6: 3.6.0 #7: 3.7.0 #8: 3.8.0 #9: 3.9.0 #10: 3.10.0 #11: 3.11.0 #12: 3.12.0 #17: 3.13.0	-	yes
	11.40	DCS 1800 System Simulator Conformity Specification	Ph1-DCS	3.3.0		G4	-	..,		SALMERON, Lidia		#4: 3.2.0 #11: 3.3.0	-	yes
TR	01.04	Abbreviations and Acronyms	Ph1	3.0.1		GP	-	CLAYTON, Michael	ETSI Secretariat	USAI, Paolino		.	-	yes
	02.01	Principles of Telecommunication Services Supported by a GSM Public Land Mobile Network(PLMN)	Ph1	3.2.0		S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael		.	-	yes
	02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	Ph1	3.2.0		S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		.	-	yes
	02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	Ph1	3.4.0		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		.	-	yes
	02.04	General on Supplementary Services	Ph1	3.7.1		S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		.	-	yes
	02.06	Types of Mobile Stations (MS)	Ph1	3.2.0		S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		.	-	yes
	02.07	Mobile Station (MS) Features	Ph1	3.4.1		S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		.	-	yes
	02.09	Security Aspects	Ph1	3.1.0		S3	S1 / NP	CHRISTOFFERSSON, Per	TELIA AB	POPE, Maurice		#6b: 3.1.0	-	yes
	02.11	Service Accessibility	Ph1	3.7.0		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#4: 3.7.0	-	yes
	02.16	International Mobile Station Equipment Identities (IMEI)	Ph1	3.0.1		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		.	-	yes
	02.17	Subscriber Identity Modules, Functional Characteristics	Ph1	3.2.0		T3	S1	HOOKER, Philip	ORANGE PCS LTD	SANDERS, Michael		.	-	yes
	02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	Ph1	3.9.0		S1		JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		.	-	yes
	02.40	Procedures for Call Progress Indications	Ph1	3.2.0		S1	NP	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	R99 -> 22.101	.	-	yes
	02.82	Call Forwarding (CF) Supplementary Services ; Stage 1	Ph1	3.6.1		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		.	-	yes
	02.88	Call Barring (CB) Supplementary Services ; Stage 1	Ph1	3.6.1		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		.	-	yes

	03.01	Network Functions	Ph1	3.1.1		S2	NP	GAASVIK, Per-Ola	COMVIQ GSM AB	SULTAN, Alain	SMG3->SA2 @ TSG#7	.	-	yes
	03.02	Network Architecture	Ph1	3.1.4		S2	NP / T2	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain		.	-	yes
	03.03	Numbering, Addressing and Identification	Ph1	3.6.0		N4	T2	GAASVIK, Per-Ola	COMVIQ GSM AB	KYMALAINEN, Kimmo		#8: 3.6.0	-	yes
	03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	Ph1	3.1.0		N4	SPAN / T2	..,		KYMALAINEN, Kimmo		.	-	yes
TR	03.05	Technical performance objectives	Ph1	3.2.0		NP	-	..,		BOSWARTHICK, David		.	-	yes
	03.07	Restoration Procedures	Ph1	3.2.1		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo		.	-	yes
	03.08	Organization of Subscriber Data	Ph1	3.7.0		N4	-	BAUER, Rolf	ALCATEL SEL AG	KYMALAINEN, Kimmo		.	-	yes
	03.09	Handover Procedures	Ph1	3.2.1		N1	-	FARHOUMAND, Rouzbeh	Ericsson Incorporated	AL -BAKRI, Ban		.	-	yes
	03.10	GSM Public Land Mobile Network (PLMN) Connection Types	Ph1	3.3.0		N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHICK, David		.	-	yes
	03.11	Technical Realization of Supplementary Services - General Aspects	Ph1	3.1.1		N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	KYMALAINEN, Kimmo		.	-	yes
	03.12	Location Registration Procedures	Ph1	3.3.0		N4	-	GAASVIK, Per-Ola	COMVIQ GSM AB	KYMALAINEN, Kimmo		.	-	yes
	03.13	Discontinuous Reception (DRX) in the GSM System	Ph1	3.0.2		GP	-	..,		USAI, Paolino		.	-	yes
	03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	Ph1	3.0.2		N1	-	..,		AL -BAKRI, Ban		.	-	yes
	03.20	Security-related Network Functions	Ph1	3.3.2		S3	NP / GP	NGUYEN NGOC, Sebastien	France Telecom R&D	POPE, Maurice		.	-	yes
	03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)	Ph1	3.7.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#8: 3.6.0 #9: 3.7.0	-	yes
	03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	Ph1	3.4.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		.	-	yes
TR	03.43	Support of Videotex	Ph1	3.0.1		T2	-	DI TRIA, Paolo	CSELT - Centro Studi e Laboratori Telecomunicazioni	RODERMUND, Friedhelm		.	-	yes
TR	03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	Ph1	3.0.1		T2	-	..,		RODERMUND, Friedhelm		.	-	yes
	03.45	Technical Realization of Facsimile Group 3 Service - transparent	Ph1	3.3.0		N3	-	..,		BOSWARTHICK, David		#5: 3.2.0 #6: 3.3.0 (exists in PDF only)	-	yes
	03.46	Technical Realization of Facsimile Group 3 Service - non transparent	Ph1	3.2.1		N3	-	..,		BOSWARTHICK, David		#5: 3.2.1	-	yes
	03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	Ph1	3.4.0		S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#4: 3.2.2 #8: 3.3.0 #11: 3.4.0	-	yes
	03.70	Routeing of Calls to/from Public Data Networks (PDN)	Ph1	3.0.0		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	.	-	yes

03.82	Call Forwarding (CF) Supplementary Services; Stage 2	Ph1	3.2.1		N4	-	POTHS, Annette	MANNESMANN Mobilfunk GmbH	KYMALAINEN, Kimmo		.	-	yes
03.88	Call Barring (CB) supplementary services ; Stage 2	Ph1	3.2.1		N4	-	HAMEL, Eric	France Telecom R&D	KYMALAINEN, Kimmo		.	-	yes
04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	Ph1	3.0.1		N1	-	AVELINE, Sophie	France Telecom R&D	AL -BAKRI, Ban		.	-	yes
04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	Ph1	3.0.2		N1	-			AL -BAKRI, Ban		.	-	yes
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	Ph1	3.0.3		G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		.	-	yes
04.04	Layer 1 - General Requirements	Ph1	3.3.4		G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		.	-	yes
04.05	Data Link (DL) Layer General Aspects	Ph1	3.1.5		G2	-	..,		THOMASEN, Gert		.	-	yes
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	Ph1	3.9.0		G2	-	..,		THOMASEN, Gert		.	-	yes
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	Ph1	3.3.3		N1	-	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban		.	-	yes
04.08	Mobile radio interface layer 3 specification	Ph1	3.e.0		N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	.	-	yes
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	Ph1	3.2.3		N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	KYMALAINEN, Kimmo		.	-	yes
04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	Ph1	3.3.0		N1	-	NOBUYUKI, Uda	NTT Communications Ware Corporation	AL -BAKRI, Ban		#5:3.3.0	-	yes
04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	Ph1	3.2.1		G2	T2	PUDNEY, Chris	VODAFONE Group Plc	THOMASEN, Gert		.	-	yes
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	Ph1	3.4.0		N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHICK, David		.	-	yes
04.22	Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	Ph1	3.7.0		N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David		.	-	yes
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	Ph1	3.2.0		N4	-	..,		KYMALAINEN, Kimmo		.	-	yes

04.82	Call Forwarding (CF) Supplementary Services - Stage 3	Ph1	3.1.3		N4	-	POTHS, Annette	MANNESMANN Mobilfunk GmbH	KYMALAINEN, Kimmo	.	-	yes
04.88	Call Barring (CB) Supplementary Services ; Stage 3	Ph1	3.1.3		N4	-	HAMEL, Eric	France Telecom R&D	KYMALAINEN, Kimmo	.	-	yes
05.01	Physical Layer on the Radio Path (General Description)	Ph1	3.3.2		GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paolino	.	-	yes
05.02	Multiplexing and Multiple Access on the Radio Path	Ph1	3.8.0		GP	-	..,		USAI, Paolino	#15: 3.7.0 #16: 3.8.0	-	yes
05.03	Channel Coding	Ph1	3.6.1		GP	-	..,		USAI, Paolino	#12: 3.6.1	-	yes
05.04	Modulation	Ph1	3.1.2		GP	-	REINER, Michaël	AEG Mobile Communications GmbH (AMC)	USAI, Paolino	.	-	yes
05.05	Radio Transmission and Reception	Ph1	3.16.0		GP	-	CHARLES, Jean Pierre	France Telecom R&D	USAI, Paolino	#4: 3.14.0 #6b: 3.15.0 #8: 3.16.0	-	yes
05.08	Radio Subsystem Link Control	Ph1	3.8.0		GP	-	WHITE, Phil	VODAFONE Group Plc	USAI, Paolino	#16: 3.8.0 #27:5.9.0	-	yes
05.10	Radio subsystem synchronization	Ph1	3.5.1		GP	-	BENN, Howard	MOTOROLA Ltd	USAI, Paolino	#4: 3.5.1	-	yes
06.01	Full Rate Speech Processing Functions	Ph1	3.0.0		S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino	.	-	yes
06.10	Full Rate Speech Transcoding	Ph1	3.2.0		S4	-	LORENZ, Dietmar	PHILIPS Semiconductors	USAI, Paolino	.	-	yes
06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	Ph1	3.0.1		S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino	.	-	yes
06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	Ph1	3.0.1		S4	-	SERENO, Daniele	TELECOM ITALIA S.p.A.	USAI, Paolino	.	-	yes
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	Ph1	3.1.0		S4	-	..,		USAI, Paolino	.	-	yes
06.32	Voice Activity Detection (VAD)	Ph1	3.0.0		S4	-	BARRETT, Paul	BT	USAI, Paolino	.	-	yes
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	Ph1	3.e.0		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David	#2: 3.14.0	-	yes
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	Ph1	3.8.0		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David	#2: 3.8.0	-	yes
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	Ph1	3.4.0		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David	#5: 3.4.0	-	yes
08.01	General Aspects on the BSS- MSC Interface	Ph1	3.0.1		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	.	-	yes
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	Ph1	3.3.1		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	.	-	yes
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	Ph1	3.0.3		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	.	-	yes

	08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	Ph1	3.5.2		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		.	-	yes
	08.08	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	Ph1	3.a.1		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		.	-	yes
	08.20	Rate Adaptation on the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	Ph1	3.1.2		N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHICK, David		.	-	yes
	08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	Ph1	3.0.2		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		.	-	yes
	08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	Ph1	3.0.2		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		.	-	yes
	08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	Ph1	3.0.1		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		.	-	yes
	08.56	BSC-BTS Layer 2 Specification	Ph1	3.1.1		G2	-	ANDERSEN, Harald	ERICSSON TELECOM	THOMASEN, Gert		.	-	yes
	08.58	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface Layer 3 Specification	Ph1	3.6.0		G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#10: 3.6.0	-	yes
	08.59	BSC-BTS O&M Signalling Transport	Ph1	3.1.0		GP	-	..,		USAI, Paolino		.	-	yes
	08.60	Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	Ph1	3.3.1		GP	-	..,		USAI, Paolino		.	-	yes
TR	09.01	General Network Interworking Scenarios	Ph1	3.0.1		N4	-	..,		KYMALAINEN, Kimmo		.	-	yes
	09.02	Mobile Application Part (MAP) Specification	Ph1	3.b.0		N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo	CN->N4 Apr00 (JMM)	#9: 3.9.0 #12: 3.10.0 #14: 3.11.0	-	yes
	09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	Ph1	3.0.1		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	.	-	yes
	09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	Ph1	3.0.1		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	.	-	yes
	09.05	Interworking between the PLMN and the PSPDN for PAD Access	Ph1	3.2.2		N3	-	..,		BOSWARTHICK, David	N3: "no R99 needed".	.	-	yes
	09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	Ph1	3.a.0		N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David		#5: 3.8.0 #9: 3.9.0 #14: 3.10.0	-	yes

	09.09	Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN	Ph1	3.0.0		N4	-	VAINIKKA, Jari	NOKIA Corporation	KYMALAINEN, Kimmo	.	-	yes	
	09.10	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)	Ph1	3.0.2		N4	-	..,		KYMALAINEN, Kimmo	.	-	yes	
	09.11	Signalling Interworking for Supplementary Services	Ph1	3.0.1		N4	-	HAMEL, Eric	France Telecom R&D	KYMALAINEN, Kimmo	.	-	yes	
	11.10	Mobile Station Conformity Specification (DCS 1800)	Ph1	3.n.1		G4	S1 / GP / NP / T2 / SCP	LEGRAND, Walter	MATRA NORTEL COMMUNICATIONS	SALMERON, Lidia	#2: 3.8.0 #3: 3.9.0 #4b:3.10.0 #5: 3.11.0 #6: 3.12.0 #7: 3.13.0 #8: 3.14.0 #8: 3.15.0 #9: 3.16.0 #10: 3.17.0 #11: 3.18.0 #12: 3.19.0 #13: 3.20.0 #15: 3.21.0 #16: 3.22.0 #20: 3.23.0	-	yes	
	11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	Ph1	3.g.0		T3	-	GUTHERY, Scott B.	Mobile-Mind Inc.	SANDERS, Michael	#2: 3.11.0 #3: 3.12.0 #8: 3.13.0 #9: 3.14.0 #11: 3.15.0 #12: 3.16.0	-	yes	
	11.20	GSM DCS 1800 Base Station Specification	Ph1	3.j.0		GP	NP	BUSIN, Ake	Telefon AB LM Ericsson	USAI, Paolino	#1: 3.6.0 #2: 3.7.0 #3: 3.8.0 #4: 3.9.0 #5: 3.10.0 #6: 3.11.0 #7: 3.12.0 #8: 3.13.0 #9: 3.14.0 #10: 3.15.0 #11: 3.16.0 #12: 3.17.0 #14: 3.18.0 #17: 3.19.0	-	yes	
	11.30	Mobile Services Switching Centre	Ph1	3.2.1		GP	-	..,		USAI, Paolino	.	-	yes	
	11.31	Home Location Register Specification	Ph1	3.2.1		GP	-	..,		USAI, Paolino	.	-	yes	
	11.32	Visitor Location Register Specification	Ph1	3.2.1		GP	-	..,		USAI, Paolino	.	-	yes	
	11.40	DCS 1800 System Simulator Conformity Specification	Ph1	3.7.0		G4	-	..,		SALMERON, Lidia	#2: 3.6.0 #11: 3.7.0	-	yes	
	TBR 5	General Attachment Requirements for GSM Mobile Stations	Ph1	Ed2		MS G	-	FREEMAN, David	MOTOROLA	GUTIERREZ MIGUELEZ, Cesar	#4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2 (v3.1.0)	-	yes	
	TBR 9	Attachment Requirements for GSM Terminal Equipment (Telephony)	Ph1	Ed2		MS G	-	FREEMAN, David	MOTOROLA	GUTIERREZ MIGUELEZ, Cesar	#4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2	-	yes	
			Wthdr											
Type	Number	Title	Rel	current vers	frozen	WG prime	WG other	rappporteur	rapp org	MCC support	general remarks	version remarks	U	G
TR	01.03	UMTS system requirements	<?>	none		SM G5	-	RICHARDS, Derek John	Lucent Technologies Network Systems UK		ETSI ETR 291 withdrawn.	ETSI ETR 291, withdrawn.	-	yes

	01.05	Definitions	Ph2	0.0.0		SP	-	...		POPE, Maurice		n.a.	-	yes
TR	01.50	Radio Local Loop (RLL) using GSM	<?>	1.0.0	Mar 01	SM G1		,		CLAYTON, Michael			yes	-
TR	01.51	Dual mode of operation and roaming	<?>	1.0.0	Mar 01	SM G1	-	,		CLAYTON, Michael			-	yes
	01.56	GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements	R1999	8.0.0		S1	-	MESSIET, Samira	ALCATEL France	CLAYTON, Michael		CTS is dead duck	-	yes
	01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements	R1997	6.0.1		S3	-	WALKER, Michael	VODAFONE Group Plc	POPE, Maurice		#23: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)	-	yes
	02.01	Principles of Telecommunication Services Supported by a GSM Public Land Mobile Network (PLMN)	R1999	8.2.0		S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael		#28: 8.0.0 #29: 8.1.0 #30: 8.2.0 TSG#6: ->3G	-	yes
	02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	R1999	8.0.0		S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		#29: 8.0.0 (deleted, moved to 3GPP)	-	yes
	02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	R1999	8.0.0		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#30: 8.0.0 TSG#6->3g	-	yes
	02.04	General on Supplementary Services	R1999	8.1.0		S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		#28: 8.0.0 #29: 8.1.0 (to be deleted, moved to 3GPP)	-	yes
	02.07	Mobile Station (MS) Features	R1999	8.1.0		S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#29: 8.0.0 #30: 8.1.0 TSG#6: withdrawn	-	yes
	02.08	Quality of service	Ph2	0.0.0		-	-	...				#16: withdrawn	-	yes
	02.19	Subscriber Identity Module Application Programming Interface (SIM API); Service description; Stage 1	R1999	8.0.0		T3	-	DIETRICH, Christian	Schlumberger Industries	SANDERS, Michael	SMG9->T3@#31	Target: Mid-2001; must await stable 11.14 R99.	-	yes
	02.34	High Speed Circuit Switched Data (HSCSD) ; Stage 1	R1999	8.1.0		S1		MUHONEN, Ahti	NOKIA Corporation	CLAYTON, Michael		#28: 8.0.0 #29: 8.1.0 (to be deleted, moved to 3GPP)	-	yes
	02.38	SIM application toolkit (SAT); Stage 1	R1996	1.2.0		S1	SCP	...		CLAYTON, Michael	Moved from T3 Jan-00.	#29 for information	-	yes
	02.40	Procedures for Call Progress Indications	R1999	8.0.0		S1	NP	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	R99 -> 22.101	#30: 8.0.0	-	yes
	02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1	R1999	8.0.0		S1		GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#29: 8.0.0 (to be deleted, moved to 3GPP)	-	yes
	02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1	R1999	8.0.0		S1	-	...		CLAYTON, Michael		#29: 8.0.0 (to be deleted, moved to 3GPP)	-	yes
	02.60	General Packet Radio Service Stage 1 Description	R1999	8.1.0		S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#28: 8.0.0 #29: 8.1.0 (deleted, moved to 3GPP)	-	yes
	02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1	R1996	5.0.0		S1	-	...		CLAYTON, Michael		#24: 5.0.0 @25: withdrawn	-	yes

	02.68	Voice Group Call Service (VGCS) ; Stage 1	Rel-4	9.0.0		S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#32:9.0.0 (based on CR to 8.0.0) - >42.068v4.0.0	-	yes
	02.69	Voice Broadcast Service (VBS) ; Stage 1	Rel-4	9.0.0		S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#32:9.0.0 (based on CR to 8.0.0) - >42.068v4.0.0	-	yes
	02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	R1999	8.0.0		S1	-	KLEIER, Stephan	MANNESMANN Mobilfunk GmbH	CLAYTON, Michael		#29: 8.0.0 (to be deleted, moved to 3GPP)	-	yes
	02.82	Call Forwarding (CF) Supplementary Services ; Stage 1	R1999	8.0.0		S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#28: 8.0.0 (to be deleted, moved to 3GPP)	-	yes
	02.90	Stage 1 Decision of Unstructured Supplementary Service Data (USSD)	R1999	8.0.0		S1	-	SLOTTE, Sverre	NOKIA Corporation	CLAYTON, Michael		#28: 8.0.0 (to be deleted, moved to 3GPP)	-	yes
	03.01	Network Functions	R1999	8.0.0		S2	NP	GAASVIK, Per-Ola	COMVIQ GSM AB	SULTAN, Alain	SMG3->SA2 @ TSG#7	Never produced; make do with R98 version.	-	yes
	03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	R1996	5.0.0		N4	SPAN / T2	...		KYMALAINEN, Kimmo		#20: 5.0.0 (To be withdrawn)	-	yes
	03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	R1997	6.0.0		N4	SPAN / T2	...		KYMALAINEN, Kimmo		#27: 6.0.0 (To be withdrawn)	-	yes
	03.19	GSM API for SIM toolkit stage 2	R1999	8.0.0		T3	-	DIETRICH, Christian	Schlumberger Industries	SANDERS, Michael	SMG9->T3@#31	Target: Mid-2001; must await stable 11.14 R99.	-	yes
TR	03.39	Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	Ph2	4.0.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm	TSG#9:withdrawn cos contains misleading information/references	#16: 4.0.0 TSG#9:withdrawn cos contains misleading information/references	-	yes
TR	03.39	Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	R1996	5.0.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm	TSG#9:withdrawn cos contains misleading information/references	#20: 5.0.0TSG#9:withdrawn cos contains misleading information/references	-	yes
TR	03.39	Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	R1997	6.0.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm	TSG#9:withdrawn cos contains misleading information/references	#27: 6.0.0TSG#9:withdrawn cos contains misleading information/references	-	yes
TR	03.39	Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	R1998	7.0.0		T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm	TSG#9:withdrawn cos contains misleading information/references	need identified 2000-03-29 TSG#9:withdrawn cos contains misleading information/references	-	yes

TR	03.43	Support of Videotex	Rel-4	8.0.0		T2	-	DI TRIA, Paolo	CSELT - Centro Studi e Laboratori Telecomunicazioni	RODERMUND, Friedhelm		Frozen at v7	-	yes
TR	03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	R1999	8.0.0		T2	-	..,		RODERMUND, Friedhelm		Frozen at v7	-	yes
TR	03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)	R1999	8.0.0		T2	-	..,		RODERMUND, Friedhelm		Frozen at v7	-	yes
TR	03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)	R1999	8.0.0		T2	-	MEREDITH, Andrew	MOTOROLA Ltd	RODERMUND, Friedhelm		Frozen at v7	-	yes
	03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2	R1999	8.0.0		S2	-	ROBERTS, Martin	Nortel	SULTAN, Alain		Never produced; make do with R98 version.	-	yes
	03.59	Location services (LCS) GERAN; Stage 2	Rel-4	0.0.1		GP	-	LIVINGSTON, Margaret	NOKIA Corporation	USAI, Paolino		replaced by 42.059	-	yes
	03.61	General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2	<?>	0.7.1		-	-	..,		,		.	-	yes
	03.62	General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 2	<?>	0.0.0		-	-	..,		,		.	-	yes
	03.68	Voice Group Call Service (VGCS); Stage 2	Rel-4	9.0.0		N1	-			AL -BAKRI, Ban		#32:9.0.0 TSG#8:9.0.0->43.068v4.0.0	-	yes
	03.69	Voice Broadcast service (VBS); Stage 2	Rel-4	9.0.0		N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		#32:9.0.0 TSG#8:9.0.0->43.069v4.0.0	-	yes
	03.82	Call Forwarding (CF) Supplementary Services; Stage 2	R1999	8.0.0		N4	-	POTHS, Annette	MANNESMANN Mobilfunk GmbH	KYMALAINEN, Kimmo		#28: 8.0.0 (to be deleted, moved to 3GPP)	-	yes
	03.94	Follow Me Service description; Stage 2	<?>	0.0.0		-	-	..,		,		No draft. Will be replaced by 23.094	-	yes
	04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	<?>	0.0.0		N1	-			AL -BAKRI, Ban		.	-	yes
	04.18	Mobile radio interface layer 3 specification; Radio Resource Control Protocol	Rel-4	9.0.0		G2	-	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert		#32:9.0.0 Aug00: replaced by 44.018	-	yes
	04.22	Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	R1999	8.0.0		N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David		#29: 8.0.0 (to be deleted, moved to 3GPP)	-	yes
	04.53	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	R1998	1.6.0		-	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	,	replaced by 08.62	#25: 1.0.0 for info #27: 1.6.0 for info	-	yes
	04.64	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	R1996	5.1.0		N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban		#23: 5.0.0 #24: 5.1.0 #25: withdrawn	-	yes

	04.65	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDPCP)	R1996	5.1.0		N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban	24.065 existed, but scrapped since 04.65 is GSM only.	#23: 5.0.0 #24: 5.1.0 #25: withdrawn	-	yes
	04.68	Group Call Control (GCC) Protocol	Rel-4	9.0.0		N1	-			AL -BAKRI, Ban		#32:9.0.0 TSG#8:9.0.0->44.069v4.0.0	-	yes
	04.69	Broadcast Call Control (BCC) protocol	Rel-4	9.0.0		N1	-			AL -BAKRI, Ban		TSG#8:9.0.0->44.069v4.0.0	-	yes
	04.94	Follow Me Service description ; Stage 3	<?>	0.0.0		-	-	..,		,	TF139 proposes to abandon; not needed. USSD does all.	scrapped whilst still on starting block	-	yes
TR	05.90	GSM Electro Magnetic Compatibility (EMC) Considerations	Ph2	4.3.0		-	-	..,		,		#7: 4.1.0 #8: 4.2.0 #15: 4.3.0	-	yes
TR	05.90	GSM Electro Magnetic Compatibility (EMC) Considerations	R1996	5.0.0		-	-	..,		,		#20: 5.0.0	-	yes
TR	05.90	GSM Electro Magnetic Compatibility (EMC) Considerations	R1997	6.0.0		-	-	..,		,		#27: 6.0.0	-	yes
	07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	R1999	8.0.0		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#29: 8.0.0 (to be deleted, moved to 3GPP)	-	yes
	07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	R1999	8.0.0		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#29: 8.0.0 (to be deleted, moved to 3GPP)	-	yes
	07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	R1999	8.0.0		N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHICK, David		#29: 8.0.0 (to be deleted, moved to 3GPP)	-	yes
	07.06	Use of the V Series Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface at the Mobile Station (MS) for Mobile Termination (MT) configuration	Ph2	0.0.0		-	-	..,		,		#7: 4.1.0 #13: 4.2.0 #15: withdrawn	-	yes
	07.08	GSM Application Programming Interface	R1999	8.0.0		T2	-	..,		RODERMUND, Friedhelm		Frozen at v5	-	yes
	08.08	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	Rel-4	9.0.0		G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#32:9.0.0 Aug00: replaced by 48.008	-	yes
	08.59	BSC-BTS O&M Signalling Transport	R1999	8.0.0		GP	-	..,		USAI, Paolino		record created in error	-	yes
	09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	R1999	8.0.0		N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHICK, David		#29: 8.0.0 (to be deleted, moved to 3GPP)	-	yes

	09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM)Signalling	R1999	8.0.0		SPA N3	N4	...			EN 302 646	May00: Possibly no need for an update.	-	yes
	09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	R1999	8.0.0		N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		#29: 8.0.0 (to be deleted, moved to 3GPP)	-	yes
	09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface	R1996	5.0.0		N4	-	OLTEDAL, Einar	Telefon AB LM Ericsson	KYMALAINEN, Kimmo		#24: 5.0.0 #25: withdrawn	-	yes
TR	09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)	R1997	6.0.0		N1	-	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban		#27: 6.0.0 #32:withdrawn	-	yes
TR	09.94	Recommended Infrastructure Measures to Overcome Specific Phase 1 Mobile Stations Faults	R1996	5.0.0		N1	-	CHOTAI, Sunil	BT	AL -BAKRI, Ban	v4.x.x belongs to all releases from ph2 onwards	#20: 5.0.0 SMG#30 Withdrawn	-	yes
TR	09.94	Recommended Infrastructure Measures to Overcome Specific Phase 1 Mobile Stations Faults	R1997	6.0.0		N1	-	CHOTAI, Sunil	BT	AL -BAKRI, Ban	v4.x.x belongs to all releases from ph2 onwards	#27: 6.0.0 SMG#30 Withdrawn	-	yes
	10.00	Digital Cellular Telecommunication System Feature Description	R1999	8.0.0		S2	-	BERGMANN, Ansgar	ETSI Secretariat	SULTAN, Alain		will not be created.	-	yes
	10.17	General Packet Radio Service (GPRS); Charging in GPRS	R1997	0.0.0		-	-	HEATON, Graham	RTS Wireless International Ltd.	,	Scrapped.	#25: 1.0.0 #26: replaced by 12.15 or 12.04 (v7)	-	yes
TR	10.57	Project scheduling and open issues: Mobile Station Execution Environment (MExE)	R1998	7.0.0		T2	-	RODERMUND, Friedhelm	ETSI Secretariat	RODERMUND, Friedhelm	TSG#9:withdrawn cos contains misleading information/references	#26: 7.0.0 TSG#9:withdrawn cos contains misleading information/references	-	yes
TR	10.57	Project scheduling and open issues: Mobile Station Execution Environment (MExE)	R1999	8.0.0		T2	-	RODERMUND, Friedhelm	ETSI Secretariat	RODERMUND, Friedhelm	TSG#9:withdrawn cos contains misleading information/references	No R99 impact.	-	yes
	10.60	General Packet Radio Services (GPRS); Project Scheduling and Open Issues	R1996	5.3.0		S2	-	PETERSEN, Johan	Telefon AB LM Ericsson	SULTAN, Alain		#21: 5.0.0 #22: 5.1.0 #23: 5.2.0 #24: 5.3.0 #25: (5.x.y withdrawn)	-	yes
	10.60	General Packet Radio Services (GPRS); Project Scheduling and Open Issues	R1999	8.0.0		S2	-	PETERSEN, Johan	Telefon AB LM Ericsson	SULTAN, Alain		will never be created	-	yes
	10.68	Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS)	R1999	8.0.0		S2	-	VAN DER AREND, Peter	KPN - Koninklijke PTT Nederland NV	SULTAN, Alain		R99 version never created.	-	yes
	10.78	Project scheduling and open issues: CAMEL	R1999	8.0.0		S2	-	...		SULTAN, Alain		will not be created	-	yes
TR	10.87	User to User Signalling (UUS)	R1998	none		S2	GP	BERGMANN, Ansgar	ETSI Secretariat	SULTAN, Alain		No draft ever produced.	-	yes
TR	10.94	Follow Me supplementary service	R1998	none		SP	-	POSTMANN, Erwin	SIEMENS AG	POPE, Maurice		No draft ever produced.	-	yes

11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification	Rel-4	9.0.1		G4	S1 / GP / NP / T2 / SCP	...		SALMERON, Lidia	R99 version now serves all releases. Earlier releases frozen.	#32:9.0.0->51.010-1v4.0.1	-	yes
11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	R1999	8.0.0		G4	S1 / GP / NP / T2 / SCP	...		SALMERON, Lidia		proposed, but nya; flagged as withdrawn at SMG#32 to make life easier	-	yes
11.10-3	Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	R1999	8.0.0		G4	S1 / GP / NP / T2 / SCP	...		SALMERON, Lidia		skipped straight to R00.	-	yes
11.10-3	Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	Rel-4	9.0.0		G4	S1 / GP / NP / T2 / SCP	...		SALMERON, Lidia		Tdoc 7-00-276; P-00-266 #32:9.0.0->51.010-3v4.0.0	-	yes
11.10-4	Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification	R1999	8.0.0		G4	-	SALMERON, Lidia	ETSI Secretariat	SALMERON, Lidia		May 00: R99 not anticipated.	-	yes
11.12	Specification on the 3 Volt subscriber identity module Equipment (SIM-ME) Interface	Ph2	4.3.1	-	-	-	LINDHOLM, Rune	NOKIA MOBILE PHONES	,		#15: 4.0.0 #17: 4.1.0 #19: 4.1.2 #21: 4.2.0 #23: 4.3.0	-	yes
11.12	Specification on the 3 Volt subscriber identity module Equipment (SIM-ME) Interface	R1996	5.0.0	-	-	-	LINDHOLM, Rune	NOKIA MOBILE PHONES	,		#16: 5.0.0 withdrawn	-	yes
11.17	SIM test specification	R1999	8.0.0		T3	-	BREMNER, David	ASPECTS Software Ltd	SANDERS, Michael		May 00: R99 not anticipated.	-	yes
11.18	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface	R1999	8.0.0		T3	-	LINDHOLM, Rune	NOKIA MOBILE PHONES	SANDERS, Michael		Sanders Oct 2000: Effectively replaced by 31.101.	-	yes
11.19	CTS SIM Fixed Part	R1999	0.0.0		T3	-	HUBBE, Pascal	Alcatel Business Systems	SANDERS, Michael		CTS only, so no R99 anticipated	-	yes
11.21	GSM Radio Aspects Base Station System Equipment Specification	R1997	6.0.0		G3	-	BUSIN, Ake	Telefon AB LM Ericsson	RODERMUND, Friedhelm		#27:6.0.0 (Rodermund: not required [Aug-00])	-	yes
11.25		Rel-4	0.0.0		G3	-	BUSIN, Ake	Telefon AB LM Ericsson	RODERMUND, Friedhelm		(no such spec)	-	yes
11.56	CTS phase 1, CTS Fixed Part Tests	R1998	0.0.0		-	-	DIA, Sada	ALCATEL France	,		.	-	yes
12.07	Public Land Mobile Network (PLMN) Quality of Service	<?>	0.0.0		-	-	...		,	withdrawn	.	-	yes
13.11	Mobiles stations in the GSM 900 and DCS 1800 bands covering essential requirements under article 3.2 of the R&TTE Directive	R1999	0.0.0		MS G	G4	SALMERON, Lidia	ETSI Secretariat	GUTIERREZ MIGUELEZ, Cesar	Harmonized standard	.	-	yes
13.34	Attachment requirements for Global System for Mobile communications (GSM); High Speed Circuit Switched Data (HSCSD) Multislot Mobile Stations; Access	R1999	8.0.0		MS G	G4	...		GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-2	R99 not required.	-	yes

	13.55	Attachment requirements for Cordless Telephony System Fixed Part (CTS-FP); Access	R1996	0.0.0		-	-	DAVIDIAN, Jean-Jacques	DoCoMo Europe S.A.	,	Harmonised EN 301 419-6	.	-	yes
	13.56	Cordless Telephony System Mobile Stations (CTS-MS); Access	R1996	1.0.0		-	-	DAVIDIAN, Jean-Jacques	DoCoMo Europe S.A.	,	Harmonised EN 301 419-5	#30: 1.0.0	-	yes
	13.59	Enhanced Data rates for GSM Evolution (EDGE) Mobile Stations; Access	R1996	0.0.0		MS	G4	DAVIDIAN, Jean-Jacques	DoCoMo Europe S.A.	GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-8	stopped (Salmeron 2000-07-1)	-	yes
	13.60	Attachment requirements for Global System for Mobile communications (GSM); General Packet Radio Service (GPRS); Mobile stations; Access	R1996	1.0.0		MS	G4	DAVIDIAN, Jean-Jacques	DoCoMo Europe S.A.	GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-4	#30: 1.0.0; stopped (Salmeron 2000-07-1)	-	yes
	13.60	Attachment requirements for Global System for Mobile communications (GSM); General Packet Radio Service (GPRS); Mobile stations; Access	R1999	8.0.0		MS	G4	DAVIDIAN, Jean-Jacques	DoCoMo Europe S.A.	GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-4	.	-	yes
	13.67	Attachment requirements for Global System for Mobile communications (GSM); Railways Band (R-GSM); Mobile Stations; Access	R1999	8.0.0		MS	G4	..,		GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-7	R99 not required.	-	yes
	13.68	Attachment requirements for Global System for Mobile communications (GSM); Advanced Speech Call Items (GSM-ASCI) Mobile Stations; Access	R1999	8.0.0		MS	G4	..,		GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-3	R99 not required.	-	yes
TR	21.01	Overall requirements on the radio interface(s) of the UMTS	UMTS	3.0.1		GP	-	MOULSLEY, Tim	Philips Research Laboratories	USAI, Paolino		#22: 3.0.0	-	yes
	21.010		<?>	3.0.0		-	-	..,		,		3.0.0 dates from June 99	-	yes
TR	21.02	High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept	UMTS	3.0.1		GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paolino		#22: 3.0.0	-	yes
	21.04	Requirements for the support of data services in UMTS	UMTS	1.0.0		-	-	HOLLEY, Kevin	BT	,		#26: 0.0.2 or perhaps as 1.0.0	-	yes
TR	21.06	O&M requirements for the UMTS	UMTS	3.0.0		-	-	WEICHSELBAUM, Steffen	MANNESMANN Mobilfunk GmbH	,		#25: 3.0.0.	-	yes
TS	21.100	3G specification handling procedures	Rel-4	1.0.0		-	-	MEREDITH, John M	ETSI Secretariat	,	Knobbed prior to SA#8.	Knobbed prior to TSG#8. TSG#8:1.0.0	-	yes
	22.00	UMTS Phase 1	UMTS	1.0.0		-	-	VERRIER, David	France Telecom R&D	,		#27: 1.0.0 for info	-	yes
	22.01	Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles	UMTS	3.3.0		-	-	DWYER, Paul	VODAFONE Group Plc	,		#21: 3.0.0 #22: 3.1.0 #24: 3.2.1 #27: 3.3.0	-	yes
TS	22.016	International Mobile Equipment Identities (IMEI)	Rel-4	0.0.0	Oct 99	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#8: CR proposed creation, but not aprvd.	yes	yes

	22.05	Services and service capabilities	UMTS	3.1.0		-	-	PUGA PEREIRA, Emmanuel	France Telecom R&D	,		#25: 3.0.0 #26: 3.1.0	-	yes
	22.07	UMTS Terminal and Smart Card Concepts	UMTS	3.1.1		-	-	SMOLANDER, Jouni	NOKIA Corporation	,		#25: 3.0.0 #27: 3.1.0	-	yes
	22.21	Virtual Home Environment	UMTS	0.3.0		-	-	OGUNBEKUN, Jumoke	FUJITSU Europe Telecom R & D Centre	,		.	-	yes
	22.24	Charging and Accounting Mechanism	UMTS	3.0.0		-	-	CHAMBERS, David	MOTOROLA Ltd	,		#25: 3.0.0	-	yes
	22.25	Quality of Service and Network Performance	UMTS	3.1.0		-	-	TIAINEN, Seppo	SONERA Corporation	,		#25: 3.1.0	-	yes
	22.29	Handover Requirements between UMTS and GSM or other RadioSystems	UMTS	1.0.0		-	-	COOPER, David	Telecom Modus Limited	,		.	-	yes
	22.60	Mobile multimedia services including mobile Intranet and Internet services	UMTS	3.0.0		-	-	AHNBERG, Tomas	TELIA AB	,		#25: 3.0.0	-	yes
	22.70	Virtual Home Environment	UMTS	3.0.0		-	-	OGUNBEKUN, Jumoke	FUJITSU Europe Telecom R & D Centre	,		#25: 3.0.0	-	yes
	22.71	Service aspects; Automatic Establishment of Roaming Relationships	UMTS	3.0.1		-	-	..,		,		#25: 3.0.0 #27: 3.0.1	-	yes
	22.72	Real Time Multimedia in UMTS	UMTS	0.0.0		-	-	FISCHER, Ralf	ROBERT BOSCH GmbH	,		.	-	yes
	22.75	Service aspects; Advanced Addressing	UMTS	3.0.0		-	-	KLEIER, Stephan	MANNESMANN Mobilfunk GmbH	,		#25: 2.0.0 #27: 3.0.0	-	yes
TR	22.80	UMTS Relationship to other Standards	UMTS	2.0.1		-	-	AXERUD, Bo	NOKIA TELECOMMUNICATIONS FINLAND	,		#24: 2.0.1	-	yes
TR	22.907	Terminal concepts	Rel-4	3.1.3	April 99	-	-	TOLVANEN, Mika	NOKIA MOBILE PHONES	,	CR at TSG#4 Not maintained	Withdrawn (Clayton 2000-02-11)	yes	-
TR	22.924	Charging and accounting mechanisms	R1999	3.1.1	April 99	-	-	MONTEGROSSO, Emanuele	Telecom Italia ff	,		.	yes	-
TR	22.925	Quality of service and network performance	R1999	3.1.1	April 99	-	-	ERIKSSON, Olle	Telefon AB LM Ericsson	,		.	yes	-
TR	22.960	Mobile multimedia services	R1999	3.0.1	April 99	-	-	AHNBERG, Tomas	TELIA AB	,		.	yes	-
TR	22.970	Virtual Home Environment Report	R1999	3.0.1	April 99	-	-	OGUNBEKUN, Jumoke	FUJITSU Europe Telecom R & D Centre	,		.	yes	-
TR	22.972	Circuit-switched multimedia	R1999	0.0.0	Dec 99	-	-	..,		,	Title grows "cct sw".	Withdrawn (Clayton 2000-02-11)	yes	-
	23.01	General UMTS Architecture	UMTS	1.0.0		-	-	OLSSON, Magnus	Telefon AB LM Ericsson	,		#27: for info	-	yes
TS	23.010	GSM Public Land Mobile Network (PLMN) Connection Types	R1999	3.0.0	Jun 00	-	-	..,		,	superseded by 23.910	TSG#7:3.0.0 - later scrapped	yes	-
TS	23.022	Functions related to Mobile Station (MS) in idle mode	R1999	3.1.0		-	-	..,		,	Superseded by 23.122	3.1.0 dates from June 99	yes	yes
TS	23.043	Support of Videotex	R1999	3.0.0	Jun 00	-	-	..,		,		3.0.0 Apr 99 - later scrapped	yes	-
TS	23.044	Support of Teletex	R1999	3.0.0	Jun 00	-	-	..,		,		3.0.0 Apr 99 - later scrapped	yes	-

	23.045	Technical Realization of Facsimile Group 3 Service - transparent	R1999	3.0.0	Jun 00	-	-	...			Version 8.x.x exists	3.0.0 Apr 99 - reverts to 03.45 v8.0.0	yes	-
TS	23.046	Technical realisation of facsimile Group 3 service - non-transparent	<?>	3.0.0		-	-	...			superseded by 23.146	3.0.0 Apr 99	yes	-
	23.05	UMTS Network principles	UMTS	0.10.0		-	-	-	yes
TS	23.070	Routeing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)	R1999	3.0.0	Apr 99	-	-	KOSYDAR, L	AT&T NSI		N3 indicates not required for R99, so revert to 03.70 R98.	withdrawn N#6	yes	yes
TS	23.071	Location services (LCS) stage 2	R1999	3.0.0	Jun 00	-	-	STEER, David G	NORTEL NETWORKS (EUROPE)		superseded by 25.305	.	yes	-
	23.10	UMTS Access Stratum; Services and Functions	UMTS	1.0.0		-	-	LOPEZ-TORRES, Oscar	Deutsche Telekom MobilNet GmbH			#27: for info	-	yes
	23.20	Evolution of the GSM platform towards UMTS	UMTS	1.0.0		S2	-	JARVIS, Andre	Lucent Technologies Network Systems UK	SULTAN, Alain		#27: for info	-	yes
TR	23.913	UMTS Turbo-Charger	Rel-4	1.0.0	Mar 01	-	-				New after TSG#5	.	yes	-
	23.920	Evolution of the GSM platform towards UMTS	R1999	3.1.0	Jun 00	-	-	...				Stopped TSG#6	yes	yes
TR	23.927	VHE, Open Service Architecture	R1999	0.1.0	Dec 99	-	-	...			Replaced by 23.127	Withdrawn (Clayton 2000-02-11).	yes	yes
TR	23.960	Framework of network functions to support multimedia services	<?>	0.1.0		-	-	...					yes	-
TS	24.065	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDPC)	R1999	3.1.0	Jun 00	N1	-	...		AL -BAKRI, Ban	Scrapped: is GSM only	2000-02-14: To revert to 2g only 04.65, 24.165 may be required. 2000-11-08 withdrawn; not required for 3G.	yes	-
TS	24.094	Follow Me ; Stage 3	<?>	0.0.0		-	-	...			TF139 proposes to abandon; not needed. USSD does all.	USSD does all. No draft expected.	yes	-
TS	25.053	Tandem Free Operation (TFO); Service description; Stage 2	<?>	0.0.0		-	-	...			No draft. Anyway, should have been 23.053.	no draft ever materialised	yes	yes
TS	25.103	RF parameters in support of RRM	R1999	2.0.0	Dec 99	-	-	FRANCESCHI, Oile	Nippon Ericsson K.K.		Withdrawn in favour of 25.123 & 25.133	Withdrawn	yes	yes
TS	25.107	UTRA Repeater; Conformance testing	Rel-4	0.0.1		-	-	NILSSON, Martin	ALLGON AB		-> 25.143	Scrapped in favour of 25.143	yes	-
TS	25.371	LMU signalling	Rel-4	0.0.0	Mar 00	-	-	MOULY, Michel	NORTEL EUROPE SA		Created Jan 00; wdrwn Apr00	First draft: Jan2000	yes	-
TR	25.923	Stage 2 Functional Specification of Location Services in UTRAN	R1999	1.4.0		-	-	STEER, David G	NORTEL NETWORKS (EUROPE)		superseded by 25.305	.	yes	-
TS	26.075	AMR speech Codec; Performance Charaterization of the GSM AMR Speech Codec	<?>	1.2.0	Mar 00	-	-	...			Created TSG#6. Replaced by '975 at TSG#7.	replaced by 26.975	yes	-
TS	26.112	Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements	<?>	1.1.0	Mar 00	-	-	...				June99: 1.1.0	yes	-

TS	26.115	Transmission Delay and Echo Control Planning For Speech and Multi-Media Services	<?>	0.0.1	Mar 00	-	-	...		,		Feb00: 0.0.1	yes	-
TS	26.121	Technical Specification for Tandem Free Operation within 3G networks	<?>	0.0.0	Jun 00	-	-	...		,		.	yes	-
TS	26.122	Technical Specification for Tandem Free Operation between 3G and 2G networks	<?>	0.0.0	Mar 00	-	-	...		,		.	yes	-
TR	27.00	Principles for handling of data services in the UMTS	<?>	1.2.1		S5	-	GABE, Axel	SIEMENS AG	ZOICAS, Adrian			-	yes
TS	28.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	Rel-4	0.0.0	Mar 01	-	-	...		,	N3 indicates not required for R99, so revert to 08.20 R98.	.	yes	-
TS	29.004	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	R1999	3.0.0	Jun 00	-	-	...		,	N3 indicates not required for R99, so revert to 09.04 R98.	May 99: 3.0.0	yes	-
TS	29.005	Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access	R1999	3.0.0	Jun 00	-	-	...		,	N3 indicates not required for R99, so revert to 09.05 R98.	TSG#3: 3.0.0	yes	-
TS	29.006	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services	R1999	3.0.0	April 99	-	-	...		,	N3 indicates not required for R99, so revert to 09.06 R98.	withdrawn N#6	yes	yes
TR	30.00	SMG - UMTS Work programme	UMTS	3.6.1		-	-	SAMUKIC, Antun	ERICSSON S.A.	,		#21: 3.0.0 #22: 3.1.0 #23: 3.2.0 #24: 3.3.0 #25: 3.4.0 #26: 3.5.0 #27: 3.6.1	-	yes
TR	30.01	UMTS Baseline document: Collection of the SMG's positions on the UMTS	UMTS	3.5.1		-	-	SAMUKIC, Antun	ERICSSON S.A.	,		#22: 3.0.0 #23: 3.1.0 #24: 3.2.0 #25: 3.3.0 #26: 3.4.0 #27: 3.5.1	-	yes
TR	30.02	Experience from GSM standardisation to be applied at UMTS standardisation	UMTS	0.0.0		-	-	...		,		.	-	yes
TR	30.03	Selection procedures for the choice of radio transmission technologies of the UMTS	UMTS	3.2.0		GP	-	BLANC, Patrick	ALCATEL CIT	USAI, Paolino		#23: 3.1.0 #25: 3.2.0	-	yes
TR	30.04	Definition of the limited number of UTRA concepts	UMTS	3.0.1		GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paolino		#22: 3.0.0	-	yes
TR	30.05	UMTS terminology	UMTS	0.0.0		-	-	...		,		.	-	yes
TR	30.06	UTRA Concept Evaluation Reports	UMTS	3.0.0		GP	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#24: 3.0.0	-	yes
TR	30.20	Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS	UMTS	3.1.0		-	-	RAPELI, Juha	PHILIPS CONSUMER COMMUNICATION	,		#24: 3.1.0	-	yes
TS	32.008	Subscriber and Equipment trace	<?>	none		-	-	SJÖBLOM, Kai	NOKIA Corporation	,	Existence deduced from STF139 programme. But denied by Sjöblom.	Not to be produced.	yes	-

TR	32.01	Overall principles of the OAM for the UMTS	<?>	1.0.0		SM G12	-	SZELAZEK, Bill	Indicate persons who left Company and wait for new One	SULTAN, Alain		No progress since SMG#22.	yes	-
TS	32.106	3G Configuration Management	R1999	3.0.1	Mar 00	S5	-	TOVINGER, Thomas	Telefon AB LM Ericsson	ZOICAS, Adrian	TSG#8: split into eight parts	Outstanding R99 issues. TSG#7:2.0.0 3.0.0 TSG#8: multipart split from parent 3.0.1	yes	-
TS	32.111	3G Fault Management	R1999	3.2.0	Jun 00	S5	-	CICCHITTO, Gaetano	SIEMENS Information and Communication Networks SpA	ZOICAS, Adrian	TSG#8: split into 4 parts	Outstanding R99 issues. TSG#7:2.0.0(SP-000013), 3.0.0 TSG#8: multipart split from parent 3.0.1	yes	-
TR	33.20	Security principles for the UMTS	UMTS	3.0.1		-	-	...		,		#19: 3.0.0	-	yes
	33.21	UMTS Security Requirements	UMTS	1.0.0		-	-	...		,		#27: for info	-	yes
			Draft											
Type	Number	Title	Rel	current vers	frozen	WG prime	WG other	rappporteur	rapp org	MCC support	general remarks	version remarks	U	G
TR	05.14	Release independent frequency bands; Implementation guidelines	R1999	none		G1	G2	KANGAS, Antti	NOKIA Corporation	USAI, Paolino	Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. Changed from G2 to G1 at same time.	Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.	-	yes
TR	10.20	Lawful Interception requirements for GSM	R1999	0.0.0		S3	-	MCKIBBEN, Bernie	MOTOROLA GmbH	POPE, Maurice		.	-	yes
TR	10.43	Support of Localised Service Area (SoLSA); Work Item Status	R1998	1.b.0		S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael		#25: 1.11.0 #30b: 1.11.0	-	yes
	10.70	GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR	R1998	0.2.0		S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#27: 0.0.1 for info #28: 0.2.0	-	yes
	10.71	Project scheduling and open issues:Location services (LCS)	R1998	2.1.0		S1	-			CLAYTON, Michael		#29: 7.0.0 #30: 2.0.6! #30b: 2.0.7 #31:2.1.0	-	yes
	10.78	Project scheduling and open issues: CAMEL	R1998	1.6.0		S2	-	...		SULTAN, Alain		#25: 1.6.0	-	yes
	10.89	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;	R1999	0.0.6		GP	-	ISAACS, Ken	SIEMENS AG	USAI, Paolino		0.0.5 appeared 19-apr-00	-	yes
TS	21.102	3rd Generation mobile system Release 2000 Specifications	Rel-4	1.0.0	Mar 01	SP	-	MEREDITH, John M	ETSI Secretariat	POPE, Maurice		TSG#8:1.0.0	yes	-
TS	22.053	Tandem Free Operation of speech codecs; Stage 1 service description	Rel-4	0.1.1	Mar 01	S4	-	...		USAI, Paolino	Transfer>TSG#4	.	yes	yes
TS	22.127	Service Requirement for the Open Services Access (OSA) ; Stage 1	Rel-4	1.0.0	Mar 01	S1	-	SWETINA, Joerg	SIEMENS AG	CLAYTON, Michael		TSG#9: 1.0.0 noted.	yes	-
TS	22.226	Global text telephony; Stage 1: Service description	Rel-4	1.0.0	Mar 01	S1	-	HELLSTROM, Gunnar	The Swedish Handicap Institute	CLAYTON, Michael		WI approved TSG#7 TSG#9:1.0.0	yes	-

TS	22.228	IP multimedia subsystem; Stage 1	Rel-5	1.0.0	Dec 01	S1		CATALDO, Mark	MOTOROLA Ltd	CLAYTON, Michael		Clayton 2000-10-16: Rel-5 confirmed.	yes	-
TR	22.976	Study on PS domain services and capabilities	Rel-4	2.0.0	Mar 01	S1	-	CATALDO, Mark	MOTOROLA Ltd	CLAYTON, Michael	Created Jan-00	TSG#7:(SP-000073) 1.0.0 TSG#8:2.0.0	yes	-
TS	23.153	Out of Band Transcoder Control ; Stage 2	R1999	2.0.0	Mar 00	N4	-	..,		KYMALAINEN, Kimmo	New after TSG#5	TSG#7:2.0.0 [argument in SA over r99 or r00] concl: not approved.	yes	-
TS	23.205	Bearer-independent circuit-switched core network; Stage 2	Rel-4	none	Mar 01	N4	-	GARCIA-MENDIVE, Elena	ERICSSON Eurolab Deutschland GmbH	KYMALAINEN, Kimmo	2000-10: Rap change from Keutmann.		yes	-
TS	23.207	End to end quality of service concept and architecture	<?>	0.0.0		S2	-	OYAMA, Johnson	Nippon Ericsson K.K.	SULTAN, Alain	End-to-end quality of service concept and architecture		-	yes
TS	23.221	Architectural requirements	Rel-4	0.0.5	Mar 01	S2	-	DANIEL, Elizabeth	Lucent Technologies Network Systems UK	SULTAN, Alain	Derived from R99-specific 23.121		yes	yes
TS	23.226	Global text telephony; Stage 2: Architecture	Rel-4	0.0.0	Mar 01	N4	-	HELLSTROM, Gunnar	The Swedish Handicap Institute	KYMALAINEN, Kimmo		WI approved TSG#7	yes	-
TS	23.227	Terminal local model	Rel-4	0.1.0	Mar 01	T2	-	GUSTAVSSON, Carl	Telefon AB LM Ericsson	RODERMUND, Friedhelm		.	yes	-
TS	23.228	IP multimedia subsystem; Stage 2	Rel-4	1.0.0	Mar 01	S2	-	DANIEL, Elizabeth	Lucent Technologies Network Systems UK	SULTAN, Alain			yes	-
TS	23.271	Functional stage 2 description of location services	Rel-4	1.1.0	Mar 01	S2	-	KÅLL, Jan	NOKIA Corporation	SULTAN, Alain	post-TSG#8: Recombined 2G and 3G spec for R00 onwards.	post-TSG#8: Recombined 2G and 3G spec. TSG#9:1.0.0	yes	-
TR	23.821	Architecture Principles for Release 2000	Rel-4	1.0.1	Mar 01	S2	-	LIND, Christer	TELIA AB	SULTAN, Alain	New after TSG#5	TSG#8:1.0.0	yes	-
TR	23.873	Feasibility study fro transport and control separation in the PS CN domain	Rel-4	1.0.0	Mar 01	S2	-	IBANEZ, Juan-Antonio	ERICSSON Eurolab Deutschland GmbH	SULTAN, Alain			yes	-
TR	23.874	Feasibility study of architecture for network requested PDP context activation with User-ID	Rel-4	1.3.0	Mar 01	S2	-	KITADA, Yoshinori	NTT Communications Ware Corporation	SULTAN, Alain			yes	-
TR	23.922	Architecture for an All IP network	R1999	1.0.0		S2	-	..,		SULTAN, Alain	TSG#5: 1.0.0	Was suspected to be v3.0.0, but evidently not so.	yes	-
TR	23.925	UMTS Core network based ATM transport	R1999	0.2.0	Mar 00	S2	-	ROUZ, Adel	FUJITSU Europe Telecom R & D Centre	SULTAN, Alain	Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.	.	yes	yes
TS	24.228	reserved for Ban	Rel-4	none	Mar 01	N1	-	O'HARE, John		AL -BAKRI, Ban			yes	-
TS	24.229	reserved for Ban	Rel-4	none	Mar 01	N1	-	DRAGE, Keith	Lucent Technologies Network Systems UK	AL -BAKRI, Ban			yes	-
TS	25.106	UTRA Repeater; Radio transmission and reception	Rel-4	1.0.0	Mar 01	R4	-	NILSSON, Martin	ALLGON AB	GUTIERREZ MIGUELEZ, Cesar		. TSG#9:1.0.0	yes	-
TS	25.143	UTRA Repeater; Conformance testing	Rel-4	0.0.2	Mar 01	R4	-	KUMMETZ, Thomas	MIKOM GmbH - Mikrotechnik zur Kommunikation	GUTIERREZ MIGUELEZ, Cesar	Created by renumbering 25.107	Was to have been 25.107. But never was. TSG#9:0.0.2	yes	-
TS	25.306	UE Radio Access capabilities definition	R1999	none	Dec 00	R2	-	LUNDSJÖ, Johan	Ericsson Radio System AB	VAN DER VEEN, Hans	Converted from TR 25.925 at TSG#10.	Converted from TR 25.926 v3.2.0 Nov 00.	yes	-
TR	25.831	Study Items for future release	R1999	0.0.2	Mar 00	R3	-	DREVON, Nicolas	ALCATEL CIT	TAYLOR, Carolyn		.	yes	-

TR	25.833	Physical layer items not for inclusion in Release 99	R1999	1.1.0	Mar 00	R1	-	...		IKEDA, Shinobu	Created Jan 2000 (aka R1.03)	TSG#8:1.1.0	yes	-
TR	25.834	UTRA TDD low chip rate option; Radio protocol aspects	Rel-4	1.0.0	Mar 01	R2	-	LIU, YanHui	CATT	VAN DER VEEN, Hans			yes	-
TR	25.835	Report on hybrid ARQ type II/III	Rel-4	1.0.0	Mar 01	R2	-	SITTE, Armin	SIEMENS AG	VAN DER VEEN, Hans			yes	-
TR	25.836	Node B synchronization for TDD	Rel-4	1.0.0	Mar 01	R1	-	OESTREICH, Stefan	SIEMENS AG	IKEDA, Shinobu			yes	-
TR	25.837	Hybrid ARQ Type II/III (lub/lur aspects)	Rel-4	0.1.0	Mar 01	R3	-	BRANDT, Achim V.	SIEMENS AG	TAYLOR, Carolyn			yes	-
TR	25.838	Node B Synchronisation for TDD (lub/lur aspects)	Rel-4	0.1.0	Mar 01	R3	-	LENHART, Johannes	SIEMENS AG	TAYLOR, Carolyn			yes	-
TR	25.839	Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)	Rel-4	0.1.0	Mar 01	R3	-	PARK, Jin Hyo	SK TELECOM	TAYLOR, Carolyn			yes	-
TR	25.840	Terminal power saving features	Rel-4	1.0.0	Mar 01	R1	-	CHOI, Hokyuu	Samsung Electronics Ind. Co., Ltd.	IKEDA, Shinobu			yes	-
TR	25.841	DSCH power control improvement in soft handover	Rel-4	1.0.0	Mar 01	R1	-	TOSKALA, Antti	NOKIA Corporation	IKEDA, Shinobu			yes	-
TR	25.842	Smart antenna	Rel-4	1.0.0	Mar 01	R1	-	HU, Jinling	CATT	IKEDA, Shinobu			-	yes
TR	25.843	1.28 Mcps TDD UE Radio Access Capabilities	Rel-4	0.0.1	Mar 01	R2	-	ZHU, Yifei	CATT	VAN DER VEEN, Hans			yes	-
TR	25.844	Radio Access Bearer Support Enhancements	Rel-4	0.0.0	Mar 01	R2	-	KRISHNARAJAH, Ainkaran	Ericsson Radio System AB	VAN DER VEEN, Hans			yes	-
TR	25.845	FDD RACH and AICH performance requirements	Rel-4	0.0.0	Mar 01	R4	-	VIHRIÄLÄ, Jaakko	NOKIA Corporation	GUTIERREZ MIGUELEZ, Cesar			yes	-
TR	25.846	CPCH performance	Rel-4	0.0.0	Mar 01	R4	-	KWAK, Joe	Golden Bridge Technology Inc.	GUTIERREZ MIGUELEZ, Cesar			yes	-
TR	25.847	UE positioning enhancements	Rel-4	0.1.0	Mar 01	R2	-	BECKMANN, Mark	ROBERT BOSCH GmbH	VAN DER VEEN, Hans			yes	-
TR	25.848	Physical Layer Aspects of UTRA High Speed Downlink Packet Access	Rel-4	none	Dec 00	R1	-	GHOSH, Amitabha	Motorola Inc.	IKEDA, Shinobu		May not be Rel4 but Rel5. To be confirmed at RAN#10.	yes	-
TR	25.849	DSCH power control improvement in soft handover	Rel-4	none	Mar 01	R3	-	HWANG, WoonHee	HYUNDAI ELECTRONICS INDUSTRIES	TAYLOR, Carolyn			yes	-
TR	25.850	UE positioning in UTRAN lub/lur protocol aspects	Rel-4	none	Mar 01	R3	-	HAUTALA, Jari	NOKIA Corporation	TAYLOR, Carolyn			yes	-
TR	25.851	RAB Quality of Service Renegotiation over Lu	Rel-4	none	Mar 01	R3	-	IRWIN, Sania	MOTOROLA GmbH	TAYLOR, Carolyn			yes	-
TR	25.852	Radio access bearer support enhancement	Rel-4	none	Mar 01	R3	-	DIESEN, Michael	MOTOROLA Ltd	TAYLOR, Carolyn			yes	-
TR	25.924	Opportunity Driven Multiple Access (ODMA)	Rel-4	1.0.0	Mar 01	R2	-	LAW, Alan	VODAFONE Group Plc	VAN DER VEEN, Hans		.	yes	-
TR	25.928	1,28Mcps UTRA TDD Physical Layer	Rel-4	1.1.0	Mar 01	R1	-	AKSENTIJEVIC, Mirko	NOKIA Corporation	IKEDA, Shinobu	Created R1#10, Jan 99.	anticipated TSG#8; TSG#7:0.0.2 (RP-000091) 0.0.3 (RP-000158) 0.0.3 TSG#8:1.0.0 (0.2.0) TSG#9:1.1.0	yes	-
TR	25.932	Delay budget within the access stratum	Rel-4	1.1.0	Mar 01	R3	-	...		TAYLOR, Carolyn		TSG#8:1.0.0 TSG#9:1.1.0	yes	-
TR	25.933	IP Transport in UTRAN	Rel-4	0.2.0	Mar 01	R3	-	DREVON, Nicolas	ALCATEL CIT	TAYLOR, Carolyn		. TSG#9:0.2.0	yes	-

TR	25.934	AAL2 QoS optimization	Rel-4	0.2.0	Mar 01	R3	-	YOSHIMURA, Takayuki	Japan Telecom Co. Ltd	TAYLOR, Carolyn		. TSG#9:0.2.0	yes	-
TR	25.935	RRM optimisation	Rel-4	0.1.0	Mar 01	R3	-	VAN LIESHOUT, Gert-Jan	ERICSSON EUROLAB NETHERLANDS BV	TAYLOR, Carolyn			yes	-
TR	25.936	Handover for realtime services from PS-domain	Rel-4	0.1.0	Mar 01	R3	-	MOUSSET, Claire	NORTEL NETWORKS (EUROPE)	TAYLOR, Carolyn			yes	-
TR	25.937	UTRAN TDD low chiprate	Rel-4	0.1.0	Mar 01	R3	-	XU, Bing	CATT	TAYLOR, Carolyn		TSG#9:0.1.1 TSG#9:0.1.1	yes	-
TR	25.938	Terminal power saving features	Rel-4	0.1.0	Mar 01	R3	-	CHOI, Sungho	Samsung Electronics Ind. Co., Ltd.	TAYLOR, Carolyn			yes	-
TR	25.942	RF system scenarios	<?>	2.3.0	Mar 00	R4	-	BENABDALLAH, Nadia	OMNITEL Pronto Italia SpA	GUTIERREZ MIGUELEZ, Cesar	Additional rapporteur = A.De Pasquale.	TSG#7:2.1.3 2.1.3 TSG#9:2.3.0 not intended for immediate allocation to a particular release, so release set to 'unknown'.	yes	-
TR	25.943	Deployment aspects	R1999	2.0.0	Mar 00	R4	-	SKÖLD, Johan	ERICSSON Telecomunicazioni SpA	GUTIERREZ MIGUELEZ, Cesar		TSG#7:2.0.0	yes	-
TR	25.945	RF requirements for low chip rate TDD option	Rel-4	0.3.0	Mar 01	R4	-	ZHANG, Daijun	CATT	GUTIERREZ MIGUELEZ, Cesar		. TSG#9:0.3.0	yes	-
TR	25.946	RAB Quality of Service Negotiation over Iu	Rel-4	0.1.0	Mar 01	R3	-	MOLANDER, Anders	Ericsson Radio System AB	TAYLOR, Carolyn			yes	-
TR	25.950	UTRA high speed downlink packet access	Rel-4	0.0.0	Mar 01	R2	-	KUCHIBHOTLA, Ravi	MOTOROLA Ltd	VAN DER VEEN, Hans			yes	-
TR	25.951	Base Station classification (FDD)	Rel-4	0.0.1	Mar 01	R4	-	JOKINEN, Sami	NOKIA TELECOMMUNICATIONS FINLAND	GUTIERREZ MIGUELEZ, Cesar			yes	-
TR	25.952	Base Station classification (TDD)	Rel-4	0.0.1	Mar 01	R4	-	ZEIRA, Eldad	INTERDIGITAL COMMUNICATIONS CORPORATION	GUTIERREZ MIGUELEZ, Cesar			yes	-
TR	25.953	TrFO/TFO	Rel-4	none	Mar 01	R3	-	VESELY, Alexander	SIEMENS AG	TAYLOR, Carolyn			yes	-
TR	25.954	Migration to modification procedure	Rel-4	none	Mar 01	R3	-	YOSHIMURA, Takayuki	Japan Telecom Co. Ltd	TAYLOR, Carolyn			yes	-
TS	26.171	AMR speech codec, wideband; General description	Rel-4	none		S4	-	EKUDDEN, Erik	Telefon AB LM Ericsson	USAI, Paolino			yes	-
TS	26.173	AMR speech codec, wideband; C-source code	Rel-4	none	Mar 01	S4	-	EKUDDEN, Erik	Telefon AB LM Ericsson	USAI, Paolino			yes	-
TS	26.174	AMR speech odec, wideband; Test sequences	Rel-4	none	Mar 01	S4	-	EKUDDEN, Erik	Telefon AB LM Ericsson	USAI, Paolino			yes	-
TS	26.190	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions	Rel-4	0.0.1		S4	-	,		USAI, Paolino			yes	-
TS	26.191	AMR speech codec, wideband; Error concealment of lost frames	Rel-4	none		S4	-	EKUDDEN, Erik	Telefon AB LM Ericsson	USAI, Paolino			yes	-
TS	26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects	Rel-4	0.0.1		S4	-	,		USAI, Paolino			yes	-

TS	26.193	AMR speech codec, wideband; Source Controlled Rate operation	Rel-4	none		S4	-	EKUDDEN, Erik	Telefon AB LM Ericsson	USAI, Paolino			yes	-
TS	26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)	Rel-4	0.0.1		S4	-	,		USAI, Paolino			yes	-
TS	26.201	AMR speech codec, wideband; Frame structure	Rel-4	none	Mar 01	S4	-	HAGQVIST, Jari	NOKIA Corporation	USAI, Paolino			yes	-
TS	26.202	AMR speech codec, wideband; Interface to Iu and Uu	Rel-4	none	Mar 01	S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino			yes	-
TS	26.226	Global text telephony; Transport of text in the voice channel	Rel-4	0.0.a	Mar 01	S4	-	HELLSTROM, Gunnar	The Swedish Handicap Institute	USAI, Paolino		WI approved TSG#7 TSG#9:0.0.9	yes	-
TS	26.230	Global text telephony; Cellular text telephone modem transmitter C-code description	Rel-4	0.0.0	Mar 01	S4	-	HELLSTROM, Gunnar	The Swedish Handicap Institute	USAI, Paolino			yes	-
TS	26.231	Global text telephony; Cellular text telephone modem minimum performance requirements	Rel-4	0.0.0	Mar 01	S4	-	HELLSTROM, Gunnar	The Swedish Handicap Institute	USAI, Paolino			yes	-
TS	26.233	End-to-end transparent streaming service; General description	Rel-4	0.1.0		S4	-	HONKO, Harri	Nokia Research Center	USAI, Paolino			yes	-
TS	26.234	End-to-end transparent streaming service; Protocols and codecs	Rel-4	0.0.3		S4	-	NOHLGREN, Anders	Telefon AB LM Ericsson	USAI, Paolino			yes	-
TS	26.235	Packet switched conversational multimedia applications; Default codecs	Rel-4	0.0.2	Mar 01	S4	-	OJALA, Pasi	Nokia Research Center	USAI, Paolino			yes	-
TR	26.913	Quantitative performance evaluation of real-time packet switched multimedia services over 3G	R1999	0.0.1	Mar 00	S4	-	HONKO, Harri	Nokia Research Center	USAI, Paolino		.	yes	-
TR	26.920	Architectural Model for the 3G Transcoders	Rel-4	0.1.1	Mar 01	S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		.	yes	-
TR	26.975	Performance characterization of the AMR speech codec	R1999	1.1.0	Mar 00	S4	-	EKUDDEN, Erik	Telefon AB LM Ericsson	USAI, Paolino	Replaces 26.075.	was 25.075; Feb00: 1.1.0. TSG#7: 1.1.0	yes	-
TS	27.226	Global Text telephony; Terminal aspects	Rel-4	none	Mar 01	T2	-	HELLSTROM, Gunnar	The Swedish Handicap Institute	RODERMUND, Friedhelm		WI approved TSG#7	yes	-
TS	28.062	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	Rel-4	0.0.3	Mar 01	S4	-	..,		USAI, Paolino	Transfer>TSG#4	.	yes	-
TS	29.232	Media gateway controller - media gateway interface; Stage 3	Rel-4	none	Mar 01	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	KYMALAINEN, Kimmo	Additional rapporteur: Laura.Pomponi@CS ELT.IT		yes	-
TS	29.415	Nb user plane protocols	Rel-4	none		N3	-	SANDERS, David	VODAFONE Group Plc	BOSWARTHICK, David			yes	-
TR	30.504	Work Plan and Study Items - RAN WG4	<?>	2.2.0	Mar 00	R4	-	IWASA, Masaaki	MOTOROLA JAPAN LTD	GUTIERREZ MIGUELEZ, Cesar		.	yes	-

TR	30.531	Work Plan and Study Items - RAN WG3	R1999	0.8.2	Mar 00	R3	-	TAYLOR, Carolyn		TAYLOR, Carolyn		TSG#7:0.7.0 (RP-000142) 0.7.0 TSG#8:0.8.0 TSG#9:0.8.1 TSG#9:0.8.2	yes	-
TR	30.801	Overall Project Plan	<?>	1.1.0	Mar 00	S2	-	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain		.	yes	-
TR	30.804	Project plan on GSM/UMTS Interoperation and Mobility Management	<?>	1.0.0	Mar 00	S2	-	COURAU, François	ALCATEL France	SULTAN, Alain		.	yes	-
TR	30.806	Project plan on Location based services	<?>	1.0.0	Mar 00	S2	-	KÄLL, Jan	NOKIA Corporation	SULTAN, Alain		.	yes	-
TR	30.808	Project plan on Packet Architecture and Circuit Architecture	<?>	1.0.0	Mar 00	S2	-	DROPMANN, Ulrich	SIEMENS AG	SULTAN, Alain		.	yes	-
TR	30.810	Project plan on Security	<?>	1.0.0	Mar 00	S2	-	PUDNEY, Chris	VODAFONE Group Plc	SULTAN, Alain		.	yes	-
TR	30.812	Project plan on Services and Service platforms	<?>	1.0.0	Mar 00	S2	-	SCHMERSEL, Rob	Telefon AB LM Ericsson	SULTAN, Alain		.	yes	-
TS	31.120	Terminal tests for the UICC Interface; part 1	R1999	1.0.0	Jun 00	T3	-	MAESER, Torsten	ORGA Kartensysteme GmbH	SANDERS, Michael	based on R99 core spec; split into 2 parts (this is 1)	. TSG#9:1.0.0	yes	-
TS	31.121	Terminal tests for the UICC Interface; part 2	R1999	1.0.0	Jun 00	T3	-	AFCHAR, Ramin	CETECOM GmbH - Certification and Testing in Communications	SANDERS, Michael	based on R99 core spec; split into 2 parts (this is 2)	. TSG#9:1.0.0	yes	-
TS	31.122	UICC Test Specification	R1999	1.0.0	Jun 00	T3	-	KNIGHT, Simon	ASPECTS Software Ltd	SANDERS, Michael	based on R99 core spec; was originally 31.121 but renumbered which 31.120 was split into two parts	. TSG#9:1.0.0	yes	-
TS	32.105	3G charging and billing; Stage 2 description	R1999	0.0.4	Mar 01	S5	-	KOBYLARZ, Thaddeus	AT&T Corp.	ZOICAS, Adrian		New at TSG#6. TSG#7:	yes	-
TS	32.106-5	Telecommunication Management; Configuration Management; Part 5: Basic Configuration Management IRP information model (including NRM) version 1	R1999	1.0.1	Dec 00	S5	-	TOVINGER, Thomas	Telefon AB LM Ericsson	ZOICAS, Adrian	TSG#8: split into eight parts	TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99) TSG#9:1.0.0	yes	-
TS	32.106-6	Telecommunication Management; Configuration Management; Part 6: Basic Configuration Management IRP CORBA solution set version 1:1	R1999	0.1.0	Dec 00	S5	-	ZHOU, Di	SIEMENS AG	ZOICAS, Adrian	TSG#8: split into eight parts	TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)	yes	-
TS	32.106-7	Telecommunication Management; Configuration Management; Part 7: Basic Configuration Management IRP CMIP solution set version 1:1	R1999	0.1.0	Dec 00	S5	-	TOVINGER, Thomas	Telefon AB LM Ericsson	ZOICAS, Adrian	TSG#8: split into eight parts	TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)	yes	-
TS	32.140	3G Service Management Requirements & Framework	Rel-4	0.1.0	Dec 01	S5	-	CARYER, Geoffrey	BT	ZOICAS, Adrian		TSG#8:0.1.0 but associated WI not approved.	yes	-
TR	32.800	Management level procedures and interaction with UTRAN	Rel-4	0.0.1	Dec 01	S5		HIJDRA, Martiyn	MANNESMANN Mobilfunk GmbH	ZOICAS, Adrian			yes	-

TS	33.200	Network Domain Security	Rel-4	0.0.0	Mar 01	S3	-	,			POPE, Maurice			yes	-
TR	33.800	Principles for Network Domain Security	Rel-4	0.0.0	Mar 01	S3	-	,			POPE, Maurice			yes	-
TR	33.800	Principles for Network Domain Security	Rel-5	0.0.0	Dec 01	S3	-	,			POPE, Maurice			yes	-
TR	33.900	Guide to 3G security	R1999	1.2.0	Mar 00	S3	-		BROOKSON, Charles	DTI - Department of Trade and Industry	POPE, Maurice		New at TSG#6	yes	-
TR	33.903	Access Security for IP based services	Rel-4	0.0.0	Mar 01	S3	-	,			POPE, Maurice			yes	-
TR	33.903	Access Security for IP based services	Rel-5	0.0.0	Dec 01	S3	-	,			POPE, Maurice			yes	-
TR	33.904	Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms	Rel-4	0.0.0	Mar 01	S3	SAGE	,			POPE, Maurice	Source: ETSI SAGE.		yes	-
TR	33.909	ETSI SAGE 3GPP Standards Algorithms Task Force: Report on the evaluation of 3GPP standard confidentiality and integrity algorithms	R1999	none	Jun 00	S3	-		WALKER, Michael	VODAFONE Group Plc	POPE, Maurice	TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.	TSG#7: referred to in 33.908. Had been withdrawn, but reinstated at TSG#10.	yes	-
TS	34.123-3	UE Conformance Specification, Part 3 Abstract Test suites	R1999	0.0.0	Dec 01	T1	-		HU, Shicheng	ETSI Secretariat	SALMERON, Lidia		TSG#9: v3 expected Mar01, stable Dec01.	yes	-
TR	34.910	Conformance Test specifications – Relevant for Regulatory use	Rel-4	0.0.1	Mar 01	T1	-		NIELSEN, Bjarke	QUALCOMM EUROPE S.A.R.L.	SALMERON, Lidia		.	yes	-
TR	34.926	Table of International EMC requirements	Rel-4	1.0.0	Mar 01	T1	-		FENN, John B	SAMSUNG Electronics Research Institute	SALMERON, Lidia	Plan approved TSG#7 TP-000036).	TP-000138 TSG#9:1.0.0	yes	-
TS	43.059	Location services (LCS) GERAN; Stage 2	Rel-4	0.0.2	Mar 01	GP	-		LIVINGSTON, Margaret	NOKIA Corporation	USAI, Paolino			-	yes
TR	50.099	GERAN project plan and open issues	Rel-4	0.0.7	Mar 01	GP	-		MUELLER, Frank	Telefon AB LM Ericsson	USAI, Paolino		May00:0.0.5 #32:0.0.5	-	yes