

**Technical Specification Group Services and System Aspects TSGS#10(00)0529
Meeting #10, Bangkok, Thailand, 13 – 14 December 2000**

Source: **MCC**
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Title: **Specifications status at end of TSG SA#10**

Document for: **information**

Agenda Item: **9**

The tables which follow show the status of each specification under the responsibility of 3GPP. The results of TSGs#10 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Withdrawn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.

Typ e	Number	Title	Rel	current vers	frozen	WG pri me	WG other	rappporteur	rapp org	MCC support	general remarks	version remarks	U	G
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			Rel-5											
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Typ	Number	Title	Rel	curren	frozen	WG	WG other	rappporteur	rapp org	MCC support	general remarks
TS	22.038	SIM application toolkit (SAT); Stage 1	Rel-5	5.1.0	Dec 01	S1	-	ROBINSON, Bill	MOTOROLA Ltd	CLAYTON, Michael	Transfer>TSG#4
TS	22.057	Mobile Station Application Execution Environment (MExE);	Rel-5	5.0.0	Dec 01	S1	-	CATALDO, Mark	MOTOROLA Ltd	CLAYTON, Michael	Transfer>TSG#4,CR
TS	22.078	CAMEL; Stage 1	Rel-5	5.1.0	Dec 01	S1	-	GRECH, Michel	Lucent Technologies	CLAYTON, Michael	Transfer>TSG#4,CR
TS	22.101	UMTS Service principles	Rel-5	5.1.0	Dec 01	S1	-	DWYER, Paul	NORTEL	CLAYTON, Michael	
TS	22.228	IP multimedia subsystem; Stage 1	Rel-5	5.0.0	Dec 01	S1		CATALDO, Mark	MOTOROLA Ltd	CLAYTON, Michael	
TS	23.002	Network Architecture	Rel-5	5.1.0	Dec 01	S2	-	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain	Transfer>TSG#4,CR
TS	23.121	Architecture Requirements for release 99	Rel-5	5.0.0	Dec 01	S2	-	DANIEL, Elizabeth	Lucent Technologies	SULTAN, Alain	

			Rel-4											
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Typ	Number	Title	Rel	curren	frozen	WG	WG other	rappporteur	rapp	MCC support	general remarks
TR	21.801	3GPP drafting rules	Rel-4	4.0.0	Mar 01	SP	-	MEREDITH, John M	ETSI	POPE, Maurice	Form
TR	21.905	3G Vocabulary	Rel-4	4.1.0	Mar 01	S1	-	ZARRI, Michele	One 2	CLAYTON, Michael	TSG
TS	22.001	Principles of circuit telecommunication services supported	Rel-4	4.1.0	Mar 01	S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael	Transfer>TSG#5
TS	22.002	Circuit Bearer Services Supported by a PLMN	Rel-4	4.0.0	Mar 01	S1	-	CARPENTER, Paul	Lucen	CLAYTON, Michael	Transfer>TSG#4,CR at
TS	22.003	Circuit Teleservices supported by a Public Land Mobile	Rel-4	4.1.0	Mar 01	S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael	Transfer>TSG#5
TS	22.011	Service accessibility	Rel-4	4.2.0	Mar 01	S1	-	GALLAIRE, Jean Paul	Franc	CLAYTON, Michael	Transfer>TSG#4,CR at
TS	22.038	SIM application toolkit (SAT); Stage 1	Rel-4	4.1.0	Mar 01	S1	-	ROBINSON, Bill	MOTO	CLAYTON, Michael	Transfer>TSG#4
TS	22.041	Operator Determined Call Barring	Rel-4	4.0.0	Mar 01	S1	-	DWYER, Paul	NORT	CLAYTON, Michael	Transfer>TSG#4,CR at
TS	22.057	Mobile Station Application Execution Environment (MExE);	Rel-4	4.0.0	Mar 01	S1	-	CATALDO, Mark	MOTO	CLAYTON, Michael	Transfer>TSG#4,CR at
TS	22.060	General Packet Radio Service (GPRS); Stage 1	Rel-4	4.2.0	Mar 01	S1	-	CARPENTER, Paul	Lucen	CLAYTON, Michael	Transfer>TSG#4,CR at
TS	22.067	enhanced Multi-Level Precedence and Pre-emption service	Rel-4	4.0.0	Mar 01	S1	-	SWETINA, Joerg	SIEM	CLAYTON, Michael	Transfer>TSG#4,CR at
TS	22.071	Location Services (LCS); Stage 1	Rel-4	4.2.0	Mar 01	S1	-	WOHLERT, Randolph	PACIF	CLAYTON, Michael	Transfer>TSG#4,CR at
TS	22.078	CAMEL; Stage 1	Rel-4	4.1.0	Mar 01	S1	-	GRECH, Michel	Lucen	CLAYTON, Michael	Transfer>TSG#4,CR at
TS	22.101	UMTS Service principles	Rel-4	4.2.0	Mar 01	S1	-	DWYER, Paul	NORT	CLAYTON, Michael	base
TS	22.105	Services & Service capabilities	Rel-4	4.1.0	Mar 01	S1	-	ASHWELL, Wayne	BT	CLAYTON, Michael	TSG
TS	22.121	Provision of Services in UMTS - The Virtual Home	Rel-4	4.0.0	Mar 01	S1	-	OGUNBEKUN, Jumoke	FUJIT	CLAYTON, Michael	TSG
TS	22.127	Service Requirement for the Open Services Access (OSA) ;	Rel-4	4.0.0	Mar 01	S1	-	SWETINA, Joerg	SIEM	CLAYTON, Michael	TSG
TS	22.129	Handover Requirements between UMTS and GSM or other	Rel-4	4.1.0	Mar 01	S1	-	SAMPSON, Nick	ORAN	CLAYTON, Michael	TSG
TS	22.140	Multimedia Messaging Service; Stage 1	Rel-4	4.0.1	Mar 01	S1	-	LAUMEN, Josef	ROBE	CLAYTON, Michael	(development in T2)
TS	23.002	Network Architecture	Rel-4	4.1.0	Mar 01	S2	-	SULTAN, Alain	ETSI	SULTAN, Alain	Transfer>TSG#4,CR at

TS	23.018	Basic Call Handling - Technical realisation	Rel-4	4.1.0	Mar 01	N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		TSG
TS	23.038	Alphabets & Language	Rel-4	4.1.0	Mar 01	T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		base
TS	23.040	Technical realisation of Short Message Service	Rel-4	4.1.0	Mar 01	T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		base
TS	23.057	Mobile Station Application Execution Environment (MExE)	Rel-4	4.0.0	Mar 01	T2	-	CATALDO, Mark	MOTO	RODERMUND, Friedhelm		. TSG
TS	23.067	Enhanced Multi-Level Precedence and Preemption Service	Rel-4	4.0.0	Mar 01	N4	-	PERLICK, Vivien	SAGE	KYMALAINEN, Kimmo		. TSG
TS	23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary	Rel-4	4.0.0	Mar 01	N4	-	...		KYMALAINEN, Kimmo		. TSG
TS	23.107	Quality of Service, Concept and Architecture	Rel-4	4.0.0	Mar 01	S2	-	GREIS, Marc	NOKI	SULTAN, Alain	was 23.907	. TSG
TS	23.127	Virtual Home Environment; Stage 2	Rel-4	4.0.0	Mar 01	S2	-	GOURRAUD, Christophe	ERIC	SULTAN, Alain	Sept 00: "Open Service	TSG
TS	23.135	Multicall ; Stage 2	Rel-4	4.0.0	Mar 01	N4	-	MITAMURA, Kazuo	NTT	KYMALAINEN, Kimmo		TSG
TS	23.140	Multimedia Messaging Service (MMS)	Rel-4	4.1.0	Mar 01	T2	-	LAUMEN, Josef	ROBE	RODERMUND, Friedhelm		TSG
TS	23.146	Technical realisation of facsimile Group 3 service - non-	Rel-4	4.1.0	Mar 01	N3	-	HAGIWARA, Junichiro	NTT	BOSWARTHICK, David		New
TS	23.271	Functional stage 2 description of location services	Rel-4	4.0.0	Mar 01	S2	-	KÄLL, Jan	NOKI	SULTAN, Alain	post-TSG#8:	post-
TR	23.910	Circuit switched data bearer services	Rel-4	4.1.0	Mar 01	N3	-	BRAUN, Achim	ALCA	BOSWARTHICK, David	03.10 GSM only @	TSG
TS	24.008	Mobile Radio Interface Layer 3 specification; Core Network	Rel-4	4.1.0	Mar 01	N1	-	HOWELL, Andrew	MOTO	AL -BAKRI, Ban	CR correction produced	. TSG
TR	25.834	UTRA TDD low chip rate option; Radio protocol aspects	Rel-4	4.0.0	Mar 01	R2	-	LIU, YanHui	CATT	VAN DER VEEN, Hans		TSG
TR	25.836	Node B synchronization for TDD	Rel-4	4.0.0	Mar 01	R1	-	OESTREICH, Stefan	SIEM	IKEDA, Shinobu		TSG
TR	25.841	DSCH power control improvement in soft handover	Rel-4	4.0.0	Mar 01	R1	-	TOSKALA, Antti	NOKI	IKEDA, Shinobu		TSG
TR	25.843	1.28 Mcps TDD UE Radio Access Capabilities	Rel-4	4.0.0	Mar 01	R2	-	ZHU, Yifei	CATT	VAN DER VEEN, Hans		TSG
TR	25.853	Delay budget within the access stratum	Rel-4	4.0.0	Mar 01	R3	-	DELL'ACQUA, Massimo	SIEM	TAYLOR, Carolyn	Was 25.932. Approved	. TSG
TS	26.093	AMR speech Codec; Source Controlled Rate operation	Rel-4	4.0.0	Mar 01	S4	-	EKUDDEN, Erik	Telefo	USAI, Paolino	Transfer>TSG#4	. TSG
TS	26.103	Codec lists	Rel-4	4.0.0	Mar 01	S4	-	HELLWIG, Karl	ERIC	USAI, Paolino	New after TSG#5	. TSG
TS	26.104	AMR speech Codec; Floating point C-Code	Rel-4	4.0.0	Mar 01	S4	-	...		USAI, Paolino		. TSG
TS	26.110	Codec for Circuit switched Multimedia Telephony Service;	Rel-4	4.0.0	Mar 01	S4	-	ARONSON, Barry	TOSH	USAI, Paolino		. TSG
TS	26.226	Global text telephony; Transport of text in the voice channel	Rel-4	4.0.0	Mar 01	S4	-	HELLSTROM, Gunnar	The	USAI, Paolino		WI a
TS	26.230	Global text telephony; Cellular text telephone modem	Rel-4	4.0.0	Mar 01	S4	-	HELLSTROM, Gunnar	The	USAI, Paolino		TSG
TR	26.901	AMR Wideband Speech Codec Feasibility Study Report	Rel-4	4.0.1	Mar 01	S4	-	OHANA, Alain	Bellso	USAI, Paolino		TSG
TS	27.001	General on Terminal Adaptation Functions (TAF) for Mobile	Rel-4	4.2.0	Mar 01	N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		TSG
TS	27.002	Terminal Adaptation Functions (TAF) for services using	Rel-4	4.0.0	Mar 01	N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		.
TS	27.003	Terminal Adaptation Functions (TAF) for services using	Rel-4	4.0.0	Mar 01	N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		. TSG
TS	27.007	AT command set for 3G User Equipment (UE)	Rel-4	4.0.0	Mar 01	T2	-	NOVAK, Lars	Telefo	RODERMUND, Friedhelm		TSG
TS	29.002	Mobile Application Part (MAP)	Rel-4	4.2.0	Mar 01	N4	-	...		KYMALAINEN, Kimmo		TSG
TS	29.007	General requirements on Interworking between the PLMN	Rel-4	4.1.0	Mar 01	N3	-	KLEHN, Norbert	SIEM	BOSWARTHICK, David		TSG
TR	30.802	Project plan on Bearer Services and QoS	Rel-4	4.0.0	Mar 01	S2	-	LOPEZ-TORRES, Oscar	Deuts	SULTAN, Alain		.
TS	31.111	USIM Application Toolkit (USAT)	Rel-4	4.1.0	Mar 01	T3	-	WOODSEND, Kristian	ASPE	SANDERS, Michael		TSG
TR	34.926	Table of International EMC requirements	Rel-4	4.0.0	Mar 01	R4	-	FENN, John B	SAMS	GUTIERREZ MIGUELEZ,	Plan approved TSG#7	TP-0
TS	42.068	Voice Group Call Service (VGCS) ; Stage 1	Rel-4	4.1.0	Mar 01	S1	-	GILES, Les	Global	CLAYTON, Michael		#32:9
TS	42.069	Voice Broadcast Service (VBS) ; Stage 1	Rel-4	4.1.0	Mar 01	S1	-	GILES, Les	Global	CLAYTON, Michael		#32:9
	43.010	GSM Public Land Mobile Network (PLMN) Connection	Rel-4	4.0.0	Mar 01	N3	-	BRAUN, Achim	ALCA	BOSWARTHICK, David		. TSG
	43.020	Security-related Network Functions	Rel-4	4.0.0	Mar 01	S3	NP / GP	GILBERT, Henri	Franc	POPE, Maurice		#32:9
	43.022	Functions Related to Mobile Station (MS) in Idle Mode	Rel-4	4.1.1	Mar 01	G2	N1	HOWELL, Andrew	MOTO	THOMASEN, Gert	Moved from SMG3 Jan	#29:
	43.030	Radio Network Planning Aspects	Rel-4	4.0.1	Mar 01	GP	-	STEVENS, Peter John	One 2	USAI, Paolino		#29:
	43.051	GSM/EDGE Radio Access Network (GERAN) overall	Rel-4	4.0.0	Mar 01	GP	-	SEBIRE, Guillaume	NOKI	USAI, Paolino	Originally created as	Crea
TS	43.068	Voice Group Call Service (VGCS); Stage 2	Rel-4	4.2.0	Mar 01	N1	-			AL -BAKRI, Ban		#31:

	03.13	Discontinuous Reception (DRX) in the GSM System	R1999	8.0.0		GP	-	...		USAI, Paolino		.
	03.19	GSM API for SIM toolkit stage 2	R1999	8.0.0		T3	-	DIETRICH, Christian	Schlu	SANDERS, Michael	SMG9->T3@#31	Targ
	03.20	Security-related Network Functions	R1999	8.1.0		S3	NP / GP	NGUYEN NGOC,	Franc	POPE, Maurice		#32:8
	03.22	Functions Related to Mobile Station (MS) in Idle Mode	R1999	8.3.0		G2	N1	HOWELL, Andrew	MOTO	THOMASEN, Gert	Moved from SMG3 Jan	#29:
TR	03.26	Multiband operation of GSM/DCS 1800 by a single operator	R1999	8.0.0		GP	NP	...		USAI, Paolino		.
TR	03.30	Radio Network Planning Aspects	R1999	8.3.0		GP	-	STEVENS, Peter John	One 2	USAI, Paolino		#29:
	03.31	Fraud Information Gathering System (FIGS); Service	R1999	8.0.0		S3	-	WRIGHT, Tim	BT	POPE, Maurice		.
	03.33	Lawful Interception ; Stage 2	R1999	8.1.0		S3	-	MCKIBBEN, Bernie	MOTO	POPE, Maurice		. TSG
	03.35	Immediate Service Termination (IST); Stage 2	R1999	8.0.0		S3	-	WRIGHT, Tim	BT	POPE, Maurice		.
	03.45	Technical Realization of Facsimile Group 3 Service -	R1999	8.0.0		N3	-	...		BOSWARTHICK, David		#29:
	03.46	Technical Realization of Facsimile Group 3 Service - non	R1999	8.0.0		N3	-	...		BOSWARTHICK, David		#29:
	03.48	Security Mechanisms for SIM Toolkit Application ; Stage 2	R1999	8.4.0		T3	-	BARNES, Nigel	MOTO	SANDERS, Michael	SMG9->T3@#31	#29:
	03.50	Transmission Planning Aspects of the Speech Service in	R1999	8.1.0		S4	-	USAI, Paolino	ETSI	USAI, Paolino		#32:8
	03.52	Lower layers of the GSM Cordless Telephony System	R1999	8.0.0		GP	-	DESBLANCS, Philippe	ALCA	USAI, Paolino		.
	03.53	Tandem Free Operation (TFO); Service description; Stage	R1999	8.0.0		S4	NP / S2	FAUCONNIER, Denis	NORT	USAI, Paolino	Mar00: prime	.
TS	03.55	Dual Transfer Mode (DTM); Stage 2	R1999	8.0.0		G1	G2	CARRIZO MARTINEZ,	VODA	USAI, Paolino		GER
TR	03.58	Characterisation, test methods and quality assessment for	R1999	8.0.0		S4	-	MONFORT, Jean-Yves	Franc	USAI, Paolino		.
	03.63	Packet Data on Signalling channels service (PDS) Service	R1999	8.0.0		N1	-	JACOBSON, Dieter	Deuts	AL -BAKRI, Ban		#31:
	03.64	Overall description of the GPRS radio interface; Stage 2	R1999	8.6.0		G2	-	...		THOMASEN, Gert		#29:
	03.68	Voice Group Call Service (VGCS); Stage 2	R1999	8.2.0		N1	-	...		AL -BAKRI, Ban		#31:
	03.69	Voice Broadcast service (VBS); Stage 2	R1999	8.2.0		N1	-	MÜNNING, Dirk	DETE	AL -BAKRI, Ban		TSG
	03.71	Location services (LCS); Stage 2	R1999	8.0.0		S2	-	BROOK, Richard	SAMS	SULTAN, Alain		Need
	04.01	Mobile Station - Base Station System (MS - BSS) Interface	R1999	8.0.0		N1	-	AVELINE, Sophie	Franc	AL -BAKRI, Ban		#31:
	04.03	Mobile Station - Base Station System (MS - BSS) Interface	R1999	8.0.0		G2	-	THOMAS, Rémi	Franc	THOMASEN, Gert		#30:
	04.04	Layer 1 - General Requirements	R1999	8.1.0		G2	-	THOMAS, Rémi	Franc	THOMASEN, Gert		#30:
	04.05	Data Link (DL) Layer General Aspects	R1999	8.0.0		G2	-	...		THOMASEN, Gert		.
	04.06	Mobile Station - Base Stations System (MS - BSS) Interface	R1999	8.0.0		G2	-	...		THOMASEN, Gert		.
	04.08	Mobile radio interface layer 3 specification	R1999	8.0.0		N1	G2	HOWELL, Andrew	MOTO	AL -BAKRI, Ban	04.08 will remain as an	#29:
	04.13	Performance Requirements on Mobile Radio Interface	R1999	8.0.0		N1	-	MILLS, Duncan	VODA	AL -BAKRI, Ban		#31:
	04.14	Individual equipment type requirements and interworking;	R1999	8.1.0		G2	-	HOWELL, Andrew	MOTO	THOMASEN, Gert		#32:8
	04.18	Mobile radio interface layer 3 specification; Radio Resource	R1999	8.7.0		G2	-	HOWELL, Andrew	MOTO	THOMASEN, Gert		#29:
	04.21	Rate Adaption on the Mobile Station - Base Station System	R1999	8.3.0		N3	-	RÄSÄNEN, Juha	NOKI	BOSWARTHICK, David		#29:
	04.31	Location Services LCS RR LCS Protocol	R1999	8.2.0		G2	-	...		THOMASEN, Gert		GER
	04.35	Location Services LCS Stage 3 E-OTD Enhanced	R1999	8.2.0		G2	-	...		THOMASEN, Gert		. GE
	04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS	R1999	8.0.0		N1	-	HUPPERICH, Peter	ALCA	AL -BAKRI, Ban		#31:
	04.57	GSM Cordless Telephony System (CTS), (Phase 1) CTS	R1999	8.0.0		N1	-	HUPPERICH, Peter	ALCA	AL -BAKRI, Ban		#31:
	04.60	General Packet Radio Service (GPRS); Mobile Station (MS)	R1999	8.7.0		G2	-	...		THOMASEN, Gert		#29:
	04.63	Packet Data on Signalling channels Service (PDS) Service	R1999	8.0.1		N1	-	JACOBSON, Dieter	Deuts	AL -BAKRI, Ban		#31:
	04.64	Mobile Station - Serving GPRS Support Node (MS-SGSN)	R1999	8.6.0		N1	-	SALKINTZIS, Apostolis	MOTO	AL -BAKRI, Ban		#29:
TS	04.65	Mobile Station (MS) - Serving GPRS Support Node	R1999	8.1.0		N1	-	SALKINTZIS, Apostolis	MOTO	AL -BAKRI, Ban	24.065 existed, but	#31:
	04.68	Group Call Control (GCC) Protocol	R1999	8.1.0		N1	-	...		AL -BAKRI, Ban		#31:
	04.69	Broadcast Call Control (BCC) protocol	R1999	8.1.0		N1	-	...		AL -BAKRI, Ban		#31:
	04.71	Location services (LCS) stage 3	R1999	8.1.0		G2	-	...		THOMASEN, Gert	Was SMG2 till TSG#6;	#32:8

	05.01	Physical Layer on the Radio Path (General Description)	R1999	8.5.0		GP	-	ANDERSEN, Niels Peter	MOTO	USAI, Paolino		#29:
	05.02	Multiplexing and Multiple Access on the Radio Path	R1999	8.7.0		GP	-	...		USAI, Paolino		#29:
	05.03	Channel Coding	R1999	8.6.0		GP	-	...		USAI, Paolino		#29:
	05.04	Modulation	R1999	8.1.0		GP	-	REINER, Michaël	AEG	USAI, Paolino		#28:
	05.05	Radio Transmission and Reception	R1999	8.7.1		GP	-	CHARLES, Jean Pierre	Franc	USAI, Paolino		#29:
	05.08	Radio Subsystem Link Control	R1999	8.7.1		GP	-	WHITE, Phil	VODA	USAI, Paolino		#29:
	05.09	Link Adaptation	R1999	8.2.0		GP	-	...		USAI, Paolino		#31:8
	05.10	Radio subsystem synchronization	R1999	8.6.1		GP	-	BENN, Howard	MOTO	USAI, Paolino		#30:
TR	05.22	Radio link management in hierarchical networks	R1999	8.0.0		GP	-	...		USAI, Paolino		.
TR	05.50	Background for RF Requirements	R1999	8.2.0		GP	-	...		USAI, Paolino		#30:
	05.56	CTS-FP Radio Sub-system	R1999	8.0.0		GP	-	...		USAI, Paolino		.
	06.01	Full Rate Speech Processing Functions	R1999	8.0.0		S4	-	USAI, Paolino	ETSI	USAI, Paolino		.
	06.02	Half Rate Speech Processing Functions	R1999	8.0.0		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		.
	06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate	R1999	8.0.0		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		.
	06.07	Half Rate Speech: Test Sequence for GSM Half Rate	R1999	8.0.0		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		.
TR	06.08	Half Rate Speech; Performance Characterization of the	R1999	8.0.0		S4	-	SALEM, Tarek	Deuts	USAI, Paolino		.
	06.10	Full Rate Speech Transcoding	R1999	8.1.0		S4	-	LORENZ, Dietmar	PHILI	USAI, Paolino		#32:8
	06.11	Substitution and Muting of Lost Frames for Full Rate	R1999	8.0.0		S4	-	NAVARRO, William	NORT	USAI, Paolino		.
	06.12	Comfort Noise Aspects for Full Rate Speech Traffic	R1999	8.0.0		S4	-	SERENO, Daniele	TELE	USAI, Paolino		.
	06.20	Half Rate Speech Transcoding	R1999	8.0.0		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		.
	06.21	Half rate speech; Substitution and muting of lost frames for	R1999	8.0.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		.
	06.22	Comfort Noise Aspects for Half Rate Speech Traffic	R1999	8.0.0		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		.
	06.31	Discontinuous Transmission (DTX) for Full Rate Speech	R1999	8.0.0		S4	-	...		USAI, Paolino		.
	06.32	Voice Activity Detection (VAD)	R1999	8.0.0		S4	-	BARRETT, Paul	BT	USAI, Paolino		.
	06.41	Discontinuous Transmission (DTX) for Half Rate Speech	R1999	8.0.0		S4	-	...		USAI, Paolino		.
	06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic	R1999	8.0.0		S4	-	BARRETT, Paul	BT	USAI, Paolino		.
	06.51	GSM Enhanced full rate speech processing functions:	R1999	8.2.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#32:8
	06.53	ANSI-C code for the GSM Enhanced full rate speech codec	R1999	8.0.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		.
	06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	R1999	8.2.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#32:8
TR	06.55	Performance characterisation of the GSM EFR Speech	R1999	8.0.0		S4	-	SALEM, Tarek	Deuts	USAI, Paolino		.
	06.60	Enhanced full rate speech transcoding	R1999	8.0.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		.
	06.61	Substitution and muting of lost frames for enhanced full rate	R1999	8.0.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		.
	06.62	Comfort noise aspects for Enhanced Full Rate (EFR)	R1999	8.0.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		.
TR	06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase	R1999	8.0.0		S4	-	...		USAI, Paolino	New at SMG#31. Then	TSG
	06.77	Minimum Performance Requirements for Noise Suppressor	R1999	8.0.0		S4	-	...		USAI, Paolino		#32:8
TR	06.78	Results of the AMR noise suppression selection phase	R1999	8.0.0		S4	-	...		USAI, Paolino		#32:8
	06.81	Discontinuous Transmission (DTX) for enhanced full rate	R1999	8.0.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		.
	06.82	Voice Activity Detection (VAD) for enhanced full rate	R1999	8.0.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		.
TR	06.85	Subjective tests on the interoperability of the HR/FR/EFR	R1999	8.0.0		S4	-	...		USAI, Paolino		.
	08.01	General Aspects on the BSS-MSC Interface	R1999	8.0.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		.
	08.02	Base Station System - Mobile Services Switching Centre	R1999	8.0.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		.
	08.04	Base Station System - Mobile Services Switching Centre	R1999	8.0.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		.
	08.06	Signalling Transport Mechanism Specification for the Base	R1999	8.0.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		.

	08.08	Mobile Switching Centre - Base Station system (MSC-BSS)	R1999	8.7.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#29:
	08.14	General Packet Radio Service (GPRS); Base Station	R1999	8.0.0		G2	-	...		THOMASEN, Gert		.
	08.16	General Packet Radio Service (GPRS); Base Station	R1999	8.0.0		G2	-	...		THOMASEN, Gert		.
	08.18	General Packet Radio Service (GPRS); Base Station	R1999	8.5.0		G2	-	...		THOMASEN, Gert		#30:
	08.20	Rate Adaptation on the Base Station System - Mobile	R1999	8.3.0		N3	-	RÄSÄNEN, Juha	NOKI	BOSWARTHICK, David		#29:
TS	08.31	Location Services LCS: Serving Mobile Location Centre -	R1999	8.0.0		G2	-			THOMASEN, Gert		.
	08.51	Base Station Controller - Base Transceiver Station (BSC-	R1999	8.0.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		.
	08.52	Base Station Controller - Base Transceiver Station (BSC-	R1999	8.0.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		.
	08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	R1999	8.0.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		.
	08.56	BSC-BTS Layer 2 Specification	R1999	8.0.0		G2	-	ANDERSEN, Harald	ERIC	THOMASEN, Gert		.
	08.58	Base Station Controller - Base Transceiver Station (BCS-	R1999	8.6.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#29:
	08.60	Inband Control of Remote Transcoders and Rate Adaptors	R1999	8.1.0		GP	-	...		USAI, Paolino		#30:
	08.61	Inband Control of Remote Transcoder and Rate	R1999	8.0.0		GP	NP	JACOB, Petra	SIEM	USAI, Paolino		.
	08.62	Inband Tandem Free Operation (TFO) of Speech Codecs;	R1999	8.0.1		S4	-	...		USAI, Paolino	SMG11->S4 at SMG#30	.
	08.71	Location services (LCS) SMLC-BSS interface L 3	R1999	8.2.0		G2	-			THOMASEN, Gert		GER
TR	09.01	General Network Interworking Scenarios	R1999	8.0.0		N4	-	...		KYMALAINEN, Kimmo		.
	09.08	Application of the Base Station System Application Part	R1999	8.1.0		N1	-	VACANT,		AL -BAKRI, Ban		#31:
	09.31	Location Services LCS Extension (BSSAP-LE)	R1999	8.3.0		G2	-			THOMASEN, Gert		#32:8
	10.56	Project scheduling and open issues: GSM Cordless	R1999	8.0.0		S2	-	GALLIGO, Michel	ALCA	SULTAN, Alain		.
TR	10.59	Project scheduling and open issues for EDGE	R1999	8.0.0		GP	-	MUELLER, Frank	Telefo	USAI, Paolino		May0
	11.10-1	Mobile station (MS) conformance specification; Part1:	R1999	8.2.0		G4	S1 / GP /	...		SALMERON, Lidia	R99 version now serves	#29:
	11.11	Specification of the Subscriber Identity Module - Mobile	R1999	8.4.0		T3	-	GUTHERY, Scott B.	Mobile	SANDERS, Michael		#29:
	11.14	Specification of Subscriber Identity Module - Mobile	R1999	8.5.0		T3	-	WOODSEND, Kristian	ASPE	SANDERS, Michael		#29:
	11.21	GSM Radio Aspects Base Station System Equipment	R1999	8.5.0		G3	-	BUSIN, Ake	Telefo	RODERMUND, Friedhelm		#28:
	11.26	GSM Repeater Equipment Specification	R1999	8.0.1		G3	-	BUSIN, Ake	Telefo	RODERMUND, Friedhelm		#31b
	12.03	Security Management	R1999	8.0.0		S5	S1 / NP	...		ZOICAS, Adrian		.
	12.04	Performance Management and Measurements for a GSM	R1999	8.0.0		S5	S1 / NP	...		ZOICAS, Adrian		.
	12.71	Location Services (LCS); Location services management	R1999	8.0.0		S5	-			ZOICAS, Adrian		TSG
	13.21	Base station systems and repeater equipment covering	R1999	8.0.0		MSG	GP	BUSIN, Ake	Telefo	GUTIERREZ MIGUELEZ,	Harmonized standard	No R
TS	21.101	3rd Generation mobile system Release 1999 Specifications	R1999	3.2.0	Mar 00	SP	-	MEREDITH, John M	ETSI	POPE, Maurice		Aprv
TS	21.111	USIM and IC card requirements	R1999	3.3.0	April 99	T3	-	MARINGER, Günter	Deuts	SANDERS, Michael		TSG
TS	21.133	Security Threats and Requirements	R1999	3.1.0	April 99	S3	-	CHRISTOFFERSSON,	TELIA	POPE, Maurice		.
TR	21.810	Report on multi-mode UE issues; ongoing work and	R1999	3.0.0	Jun 00	T2	-	PERSSON, Sofi	TELIA	RODERMUND, Friedhelm	Was formerly 21.910.	TSG
TR	21.900	3GPP working methods	R1999	3.5.0	April 99	SP	-	MEREDITH, John M	ETSI	POPE, Maurice		TSG
TR	21.904	UE Capability Requirements (UCR)	R1999	3.3.0	Mar 00	T2	-	SOOD, Prem	SHAR	RODERMUND, Friedhelm		TSG
TR	21.905	3G Vocabulary	R1999	3.2.0	Mar 00	S1	-	ZARRI, Michele	One 2	CLAYTON, Michael		TSG
TR	21.910	Multi-mode UE issues; categories, principles and	R1999	3.0.0	Jun 00	T2	-	PERSSON, Sofi	TELIA	RODERMUND, Friedhelm	TSG#7: Renumbered to	TSG
TR	21.978	Feasibility Technical Report – CAMEL Control of VoIP	R1999	3.0.0	Mar 00	N2	-	SMITH, David	BT	JORGENSEN, Per Johan		Not a
TS	22.001	Principles of circuit telecommunication services supported	R1999	3.2.0	Mar 00	S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael	Transfer>TSG#5	Tran
TS	22.002	Circuit Bearer Services Supported by a PLMN	R1999	3.5.0	Oct 99	S1	-	CARPENTER, Paul	Lucen	CLAYTON, Michael	Transfer>TSG#4,CR at	TSG
TS	22.003	Circuit Teleservices supported by a Public Land Mobile	R1999	3.2.0	Jun 00	S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael	Transfer>TSG#5	Tran
TS	22.004	General on Supplementary Services	R1999	3.2.1	Oct 99	S1	-	CARPENTER, Paul	Lucen	CLAYTON, Michael	Transfer>TSG#4,CR at	CR@
TS	22.011	Service accessibility	R1999	3.3.0	Oct 99	S1	-	GALLAIRE, Jean Paul	Franc	CLAYTON, Michael	Transfer>TSG#4,CR at	TSG

TS	22.016	International Mobile Equipment Identities (IMEI)	R1999	3.2.0	Oct 99	S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael	Transfer>TSG#4,CR at	TSG
TS	22.022	Personalisation of GSM ME Mobile functionality	R1999	3.1.0	Oct 99	S3	-	NGUYEN NGOC,	Franc	POPE, Maurice	Transfer>TSG#4,CR at	v3.1.
TS	22.024	Description of Charge Advice Information (CAI)	R1999	3.0.1	Oct 99	S1	-	DWYER, Paul	NORT	CLAYTON, Michael	Transfer>TSG#4,CR at	.
TS	22.030	Man-Machine Interface (MMI) of the Mobile Station (MS)	R1999	3.4.0	Oct 99	S1	-	TOIVANEN, Annukka	NOKI	CLAYTON, Michael	Transfer>TSG#4,CR at	TSG
TS	22.034	High Speed Circuit Switched Data (HSCSD) ; Stage 1	R1999	3.2.1	Oct 99	S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael	Transfer>TSG#4,CR at	TSG
TS	22.038	SIM application toolkit (SAT); Stage 1	R1999	3.2.0	Oct 99	S1	-	ROBINSON, Bill	MOTO	CLAYTON, Michael	Transfer>TSG#4	TSG
TS	22.041	Operator Determined Call Barring	R1999	3.2.0	Oct 99	S1	-	DWYER, Paul	NORT	CLAYTON, Michael	Transfer>TSG#4,CR at	. TSG
TS	22.042	Network Identity and Time Zone (NITZ), stage 1	R1999	3.0.1	Oct 99	S1	-	DAHLKVIST, Mikael	ERIC	CLAYTON, Michael	Transfer>TSG#4,CR at	CR to
TS	22.043	Support of Localised Service Area (SoLSA) ; Stage 1	R1999	3.1.0	Oct 99	S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael	Transfer>TSG#4,CR at	TSG
TS	22.057	Mobile Station Application Execution Environment (MExE);	R1999	3.0.1	Oct 99	S1	-	CATALDO, Mark	MOTO	CLAYTON, Michael	Transfer>TSG#4,CR at	.
TS	22.060	General Packet Radio Service (GPRS); Stage 1	R1999	3.5.0	Oct 99	S1	-	CARPENTER, Paul	Lucen	CLAYTON, Michael	Transfer>TSG#4,CR at	TSG
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
TS	22.067	enhanced Multi-Level Precedence and Pre-emption service	R1999	3.0.1	Oct 99	S1	-	SWETINA, Joerg	SIEM	CLAYTON, Michael	Transfer>TSG#4,CR at	.
TS	22.071	Location Services (LCS); Stage 1	R1999	3.3.0	Oct 99	S1	-	WOHLERT, Randolph	PACIF	CLAYTON, Michael	Transfer>TSG#4,CR at	. TSG
TS	22.072	Call Deflection (CD); Stage 1	R1999	3.0.1	Oct 99	S1	-	RAUCH, Horst	Deuts	CLAYTON, Michael	Transfer>TSG#4,CR at	.
TS	22.078	CAMEL; Stage 1	R1999	3.6.0	Oct 99	S1	-	GRECH, Michel	Lucen	CLAYTON, Michael	Transfer>TSG#4,CR at	TSG
TS	22.079	Support of Optimal Routing; Stage 1	R1999	3.0.1	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at	.
TS	22.081	Line Identification Supplementary Services; Stage 1	R1999	3.2.0	Oct 99	S1	-	AHNBERG, Tomas	TELIA	CLAYTON, Michael	Transfer>TSG#4,CR at	TSG
TS	22.082	Call Forwarding (CF) Supplementary Services; Stage 1	R1999	3.0.1	Oct 99	S1	-	GALLAIRE, Jean Paul	Franc	CLAYTON, Michael	Transfer>TSG#4,CR at	.
TS	22.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary	R1999	3.0.1	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at	.
TS	22.084	MultiParty (MPY) Supplementary Service; Stage 1	R1999	3.0.1	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at	.
TS	22.085	Closed User Group (CUG) Supplementary Services; Stage	R1999	3.1.0	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at	.
TS	22.086	Advice of Charge (AoC) Supplementary Services; Stage 1	R1999	3.1.0	Oct 99	S1	-	DWYER, Paul	NORT	CLAYTON, Michael	Transfer>TSG#4,CR at	#5: 3
TS	22.087	User-to-user signalling (UUS); Stage 1	R1999	3.1.0	Oct 99	S1	-	BRADEN, Christian	Deuts	CLAYTON, Michael	Transfer>TSG#4,CR at	#5: 3
TS	22.088	Call Barring (CB) Supplementary Services; Stage 1	R1999	3.0.2	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at	.
TS	22.090	Unstructured Supplementary Service Data (USSD); Stage 1	R1999	3.1.0	Oct 99	S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael	Transfer>TSG#4,CR at	TSG
TS	22.091	Explicit Call Transfer (ECT) Supplementary Service; Stage	R1999	3.1.0	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at	. TSG
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	.
TS	22.096	Calling Name Presentation (CNAP); Stage 1 (T1P1)	R1999	3.0.1	Oct 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at	.
TS	22.097	Multiple Subscriber Profile (MSP); Stage 1	R1999	3.2.0	Oct 99	S1	-	DWYER, Paul	NORT	CLAYTON, Michael	Transfer>TSG#4,CR at	. TSG
TS	22.100	UMTS Phase 1	R1999	3.6.0	April 99	S1	-	GALLAIRE, Jean Paul	Franc	CLAYTON, Michael		CR@
TS	22.101	UMTS Service principles	R1999	3.12.0	April 99	S1	-	DWYER, Paul	NORT	CLAYTON, Michael		TSG
TS	22.105	Services & Service capabilities	R1999	3.10.0	April 99	S1	-	ASHWELL, Wayne	BT	CLAYTON, Michael		TSG
TS	22.115	Service Aspects Charging and billing	R1999	3.3.0	April 99	S1	-	MONTEGROSSO,	Telec	CLAYTON, Michael		TSG
TS	22.121	Provision of Services in UMTS - The Virtual Home	R1999	3.3.0	Jun 99	S1	-	OGUNBEKUN, Jumoke	FUJIT	CLAYTON, Michael		TSG
TS	22.129	Handover Requirements between UMTS and GSM or other	R1999	3.5.0	April 99	S1	-	SAMPSON, Nick	ORAN	CLAYTON, Michael		TSG
TS	22.135	Multicall Stage 1	R1999	3.4.0	Dec 99	S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael		TSG
TS	22.140	Multimedia Messaging Service; Stage 1	R1999	3.1.0	Dec 99	S1	-	LAUMEN, Josef	ROBE	CLAYTON, Michael	(development in T2)	TSG
TR	22.945	Study of provision of fax service in GSM and UMTS	R1999	3.0.0	Oct 99	T2	NP	COLBAN, Erik	ERIC	RODERMUND, Friedhelm		.
TR	22.971	Automatic establishment of roaming relationships	R1999	3.1.1	April 99	S1	-	MONTEGROSSO,	Telec	CLAYTON, Michael		.
TR	22.975	Advanced addressing	R1999	3.1.0	April 99	S1	-	KLEIER, Stephan	MANN	CLAYTON, Michael		.
TS	23.002	Network Architecture	R1999	3.4.0	Oct 99	S2	-	SULTAN, Alain	ETSI	SULTAN, Alain	Transfer>TSG#4,CR at	Ope
TS	23.003	Numbering, Addressing and Identification	R1999	3.7.0	April 99	N4	-	...		KYMALAINEN, Kimmo		TSG

TS	23.007	Restoration procedures	R1999	3.4.0	April 99	N4	-	...		KYMALAINEN, Kimmo		TSG
TS	23.008	Organisation of subscriber data	R1999	3.5.0	April 99	N4	-	...		KYMALAINEN, Kimmo		TSG
TS	23.009	Handover procedures	R1999	3.5.0	April 99	N1	-	FARHOUMAND, Rouzbeh	Ericss	AL -BAKRI, Ban		TSG
TS	23.011	Technical Realization of Supplementary Services - General	R1999	3.1.0	April 99	N4	-	...		KYMALAINEN, Kimmo		. TSG
TS	23.012	Location management procedures	R1999	3.3.0	April 99	N4	-	...		KYMALAINEN, Kimmo		TSG
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	.
TS	23.015	Technical realisation of Operator Determined Barring (ODB)	R1999	3.1.0	April 99	N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		.
TS	23.016	Subscriber data management ; Stage 2	R1999	3.6.0	April 99	N4	-	...		KYMALAINEN, Kimmo		TSG
TS	23.018	Basic Call Handling - Technical realisation	R1999	3.6.0	April 99	N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		TSG
TS	23.032	Universal Geographical Area Description (GAD)	R1999	3.1.0	April 99	S2	-	...		SULTAN, Alain	S2 responsibility?	TSG
TS	23.034	High Speed Circuit Switched Data (HSCSD) ; Stage 2	R1999	3.3.0	April 99	N1	-	MUHONEN, Janne	NOKI	AL -BAKRI, Ban		TSG
TS	23.038	Alphabets & Language	R1999	3.3.0	Jun 99	T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		addit
TR	23.039	Interface Protocols for the Connection of Short Message	R1999	3.2.0	Jun 99	T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		. TSG
TS	23.040	Technical realisation of Short Message Service	R1999	3.5.0	Jun 99	T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		addi
TS	23.041	Technical Realization of Cell Broadcast Service	R1999	3.3.0	Oct 99	T2	-	...		RODERMUND, Friedhelm	Transfer>TSG#4	addi
TS	23.042	Compression algorithm for SMS	R1999	3.1.0	Jun 99	T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		.
TS	23.054	Shared Interworking Functions ; Stage 2	R1999	3.0.0	April 99	N3	-	ROSTÖ, Tommy	TELIA	BOSWARTHICK, David		.
TS	23.057	Mobile Station Application Execution Environment (MExE)	R1999	3.3.0	Dec 99	T2	-	CATALDO, Mark	MOTO	RODERMUND, Friedhelm		TSG
TS	23.060	General Packet Radio Service (GPRS) Service description;	R1999	3.6.0	Apr 99	S2	-	DELECKI, Andrew	MOTO	SULTAN, Alain	Transfer>TSG#4, CR at	Ope
TS	23.066	Support of GSM Mobile Number Portability (MNP) stage 2	R1999	3.3.0	Oct 99	N4	-	LOPEZ SORIA, Luis	ERIC	KYMALAINEN, Kimmo	Transfer>TSG#4, CR at	TSG
TS	23.067	Enhanced Multi-Level Precedence and Preemption Service	R1999	3.2.0	April 99	N4	-	PERLICK, Vivien	SAGE	KYMALAINEN, Kimmo		TSG
TS	23.072	Call Deflection Supplementary Service ; Stage 2	R1999	3.3.0	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	23.073	Support of Localised Service Area (SoLSA) ; Stage 2	R1999	3.0.1	Oct 99	N4	-	...		KYMALAINEN, Kimmo	Transfer>TSG#4	.
TS	23.078	Customised Applications for Mobile network Enhanced	R1999	3.7.0	April 99	N2	-	HOMANN, Christian	ALCA	JORGENSEN, Per Johan	CR at TSG#4,CR at	TSG
TS	23.079	Support of Optimal Routeing - Phase 1 ; Stage 2	R1999	3.6.0	April 99	N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo	CR at TSG#4,CR at	TSG
TS	23.081	Line Identification Supplementary Services ; Stage 2	R1999	3.1.0	April 99	N4	-	...		KYMALAINEN, Kimmo		TSG
TS	23.082	Call Forwarding (CF) Supplementary Services ; Stage 2	R1999	3.5.0	April 99	N4	-	...		KYMALAINEN, Kimmo		TSG
TS	23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary	R1999	3.2.0	April 99	N4	-	...		KYMALAINEN, Kimmo		. TSG
TS	23.084	MultiParty (MPTY) Supplementary Service ; Stage 2	R1999	3.2.0	April 99	N4	-	...		KYMALAINEN, Kimmo		. TSG
TS	23.085	Closed User Group (CUG) Supplementary Service ; Stage	R1999	3.1.0	April 99	N4	-	...		KYMALAINEN, Kimmo		. TSG
TS	23.086	Advice of Charge (AoC) Supplementary Service ; Stage 2	R1999	3.1.0	April 99	N4	-	...		KYMALAINEN, Kimmo		. TSG
TS	23.087	User-to-User Signalling (UUS) ; Stage 2	R1999	3.1.0	April 99	N4	-	...		KYMALAINEN, Kimmo		. TSG
TS	23.088	Call Barring (CB) Supplementary Service ; Stage 2	R1999	3.2.0	April 99	N4	-	...		KYMALAINEN, Kimmo		TSG
TS	23.090	Unstructured Supplementary Service Data (USSD) ; Stage	R1999	3.2.0	April 99	N4	-	...		KYMALAINEN, Kimmo		. TSG
TS	23.091	Explicit Call Transfer (ECT) Supplementary Service ; Stage	R1999	3.2.0	April 99	N4	-	...		KYMALAINEN, Kimmo		. TSG
TS	23.093	Call Completion to Busy Subscriber (CCBS) ; Stage 2	R1999	3.2.0	April 99	N4	-	...		KYMALAINEN, Kimmo		. TSG
TS	23.094	Follow Me Stage 2	R1999	3.2.0	Dec 99	N4	-	...		KYMALAINEN, Kimmo	Transfer>TSG#4. GSM	Tran
TS	23.096	Name Identification Supplementary Service ; Stage 2	R1999	3.0.1	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	23.097	Multiple Subscriber Profile (MSP); Stage 2	R1999	3.1.1	Oct 99	N4	-	...		KYMALAINEN, Kimmo	Transfer>TSG#4,CR at	TSG
TS	23.101	General UMTS Architecture	R1999	3.1.0	Jun 99	S2	-	OLSSON, Magnus	Telefo	SULTAN, Alain		. TSG
TS	23.107	Quality of Service, Concept and Architecture	R1999	3.5.0	Oct 99	S2	-	GREIS, Marc	NOKI	SULTAN, Alain	was 23.907	TSG
TS	23.108	Mobile Radio Interface Layer 3 specification Core Network	R1999	3.2.0	Jun 99	N1	-	SALKINTZIS, Apostolis	MOTO	AL -BAKRI, Ban		TSG
TS	23.110	UMTS Access Stratum Services and Functions	R1999	3.4.0	Mar 00	S2	-	LOPEZ-TORRES, Oscar	Deuts	SULTAN, Alain		TSG

TS	23.116	Super Charger ; Stage 2	R1999	3.0.0	Mar 00	N4	-	ALLEN, Nicholas	NORT	KYMALAINEN, Kimmo	New after TSG#5	TSG
TS	23.119	Gateway Location Register (GLR) ; Stage2	R1999	3.0.0	Mar 00	N4	-	SAWADA, Masahiro	NTT	KYMALAINEN, Kimmo	New after TSG#5	Func
TS	23.121	Architecture Requirements for release 99	R1999	3.5.0	Jun 99	S2	-	DANIEL, Elizabeth	Lucen	SULTAN, Alain		TSG
TS	23.122	Non-Access-Stratum functions related to Mobile Station	R1999	3.5.0	April 99	N1	-	HIETALAHTI, Hannu	NOKI	AL -BAKRI, Ban		Crea
TS	23.127	Virtual Home Environment; Stage 2	R1999	3.3.0	Mar 00	S2	-	GOURRAUD, Christophe	ERIC	SULTAN, Alain	Sept 00: "Open Service	TSG
TS	23.135	Multicall ; Stage 2	R1999	3.2.0	Mar 00	N4	-	MITAMURA, Kazuo	NTT	KYMALAINEN, Kimmo		TSG
TS	23.140	Multimedia Messaging Service (MMS)	R1999	3.0.1	Mar 00	T2	-	LAUMEN, Josef	ROBE	RODERMUND, Friedhelm		TSG
TS	23.153	Out of Band Transcoder Control ; Stage 2	R1999	4.0.0	Mar 00	N4	-	...		KYMALAINEN, Kimmo	New after TSG#5	TSG
TS	23.171	Functional stage 2 description of location services in UMTS	R1999	3.2.0	Mar 00	S2	-	KÄLL, Jan	NOKI	SULTAN, Alain		TSG
TR	23.814	Separating RR and MM specific parts of the MS Classmark	R1999	3.1.0	Dec 99	N1	-	YOKOTA, Fumihiko	Fujitsu	AL -BAKRI, Ban	New after TSG#5	TSG
TR	23.908	Technical report on Pre-Paging	R1999	3.0.1	Jun 99	N4	-	...		KYMALAINEN, Kimmo		.
TR	23.909	Technical report on the Gateway Location Register	R1999	3.0.1	Jun 99	N4	-	...		KYMALAINEN, Kimmo		.
TR	23.910	Circuit switched data bearer services	R1999	3.3.0	Mar 00	N3	-	BRAUN, Achim	ALCA	BOSWARTHICK, David	03.10 GSM only @	TSG
TR	23.911	Technical report on Out-of-band transcoder control	R1999	3.0.1	Oct 99	N4	-	...		KYMALAINEN, Kimmo		.
TR	23.912	Technical report on Super-Charger	R1999	3.0.2	Oct 99	N4	-	SHARP, Iain	NORT	KYMALAINEN, Kimmo		.
TR	23.923	Combined GSM and Mobile IP mobility handling in UMTS	R1999	3.0.0	Dec 99	S2	-	HUBBARD, Elisabeth	TELIA	SULTAN, Alain		.
TR	23.930	Iu Principles	R1999	3.0.0	Jun 99	S2	-	...		SULTAN, Alain		.
TR	23.972	Circuit Switched Multimedia Telephony	R1999	3.0.0	Mar 00	N1	-	KAUHANEN, Timo	NOKI	AL -BAKRI, Ban	New after TSG#5. Minor	TSG
TS	24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access	R1999	3.1.0	Mar 00	N1	-	VACANT,		AL -BAKRI, Ban		TSG
TS	24.007	Mobile Radio Interface Signalling Layer 3 - General Aspects	R1999	3.6.0	Oct 99	N1	-	HOWELL, Andrew	MOTO	AL -BAKRI, Ban	Transfer>TSG#4,CR at	TSG
TS	24.008	Mobile Radio Interface Layer 3 specification; Core Network	R1999	3.6.0	April 99	N1	-	HOWELL, Andrew	MOTO	AL -BAKRI, Ban	CR correction produced	CR@
TS	24.010	Mobile Radio Interface Layer 3 - Supplementary Services	R1999	3.1.0	April 99	N4	-	...		KYMALAINEN, Kimmo		TSG
TS	24.011	Point-to-Point (PP) Short Message Service (SMS) Support	R1999	3.5.0	Oct 99	N1	T2	NOBUYUKI, Uda	NTT	AL -BAKRI, Ban	Transfer>TSG#4	TSG
TS	24.012	Short Message Service Cell Broadcast (SMSCB) Support	R1999	3.0.0	Oct 99	G2	N2	...		THOMASEN, Gert	Transfer>TSG#4;	.
TS	24.022	Radio Link Protocol (RLP) for Data and Telematic Services	R1999	3.4.0	April 99	N3	-	KLEHN, Norbert	SIEM	BOSWARTHICK, David	CR at TSG#4 (post	TSG
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	TSG
TS	24.067	Enhanced Multi-Level Precedence and Pre-emption service	R1999	3.1.0	April 99	N4	-	PERLICK, Vivien	SAGE	KYMALAINEN, Kimmo		. TSG
TS	24.072	Call Deflection Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	24.080	Mobile radio Layer 3 Supplementary Service specification -	R1999	3.4.0	April 99	N4	-	...		KYMALAINEN, Kimmo		T1P1
TS	24.081	Line Identification Supplementary Service ; Stage 3	R1999	3.1.0	April 99	N4	-	...		KYMALAINEN, Kimmo		TSG
TS	24.082	Call Forwarding Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary	R1999	3.0.0	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	24.084	MultiParty (MPTY) Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	24.085	Closed User Group (CUG) Supplementary Service ; Stage	R1999	3.0.0	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	24.086	Advice of Charge (AoC) Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	24.087	User-to-User Signalling (UUS) ; Stage 3	R1999	3.0.0	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	24.088	Call Barring (CB) Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	24.090	Unstructured Supplementary Service Data (USSD) ; Stage	R1999	3.0.0	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	24.091	Explicit Call Transfer (ECT) Supplementary Service ; Stage	R1999	3.0.0	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	24.093	Call Completion to Busy Subscriber (CCBS) ; Stage 3	R1999	3.0.0	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	24.096	Name Identification Supplementary Service ; Stage 3	R1999	3.0.0	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	24.135	Multicall Stage 3	R1999	3.1.0	Mar 00	N4	-	MITAMURA, Kazuo	NTT	KYMALAINEN, Kimmo		TSG
TS	25.101	UE Radio transmission and reception (FDD)	R1999	3.5.0	Oct 99	R4	-	FERNANDES, Edgar	MOTO	GUTIERREZ MIGUELEZ,		TSG

TS	25.102	UE Radio transmission and reception (TDD)	R1999	3.5.0	Oct 99	R4	-	KOTTKAMP, Meik	SIEM	GUTIERREZ MIGUELEZ,		TSG
TS	25.104	UTRA (BS) FDD; Radio transmission and reception	R1999	3.5.0	Oct 99	R4	-	SKÖLD, Johan	ERIC	GUTIERREZ MIGUELEZ,		TSG
TS	25.105	UTRA (BS) TDD: Radio transmission and reception	R1999	3.5.0	Oct 99	R4	-	KOTTKAMP, Meik	SIEM	GUTIERREZ MIGUELEZ,		TSG
TS	25.113	Base station EMC	R1999	3.4.0	Dec 99	R4	-	BARNES, David	DTI -	GUTIERREZ MIGUELEZ,		TSG
TS	25.123	Requirements for support of radio resource management	R1999	3.4.0	Dec 99	R4	-	RONCHINI, M. Cristina	CSEL	GUTIERREZ MIGUELEZ,		TSG
TS	25.133	Requirements for support of radio resource management	R1999	3.4.0	Dec 99	R4	-	RONCHINI, M. Cristina	CSEL	GUTIERREZ MIGUELEZ,		TSG
TS	25.141	Base station conformance testing (FDD)	R1999	3.4.0	Dec 99	R4	-	NAKAMURA, Takaharu	Fujitsu	GUTIERREZ MIGUELEZ,		TSG
TS	25.142	Base station conformance testing (TDD)	R1999	3.4.0	Dec 99	R4	-	MEYER, Juergen	SIEM	GUTIERREZ MIGUELEZ,		TSG
TS	25.201	Physical layer -General Description	R1999	3.1.0	Oct 99	R1	-	TOSKALA, Antti	NOKI	IKEDA, Shinobu		TSG
TS	25.211	Physical channels and mapping of transport channels onto	R1999	3.5.0	Oct 99	R1	-	WILDE, Andreas	Nippo	IKEDA, Shinobu		TSG
TS	25.212	Multiplexing and channel coding (FDD)	R1999	3.5.0	Oct 99	R1	-	TANAKA, Yoshinori	FUJIT	IKEDA, Shinobu		TSG
TS	25.213	Spreading and modulation (FDD)	R1999	3.4.0	Oct 99	R1	-	CHAMBERS, David	MOTO	IKEDA, Shinobu		TSG
TS	25.214	Physical layer procedures (FDD)	R1999	3.5.0	Oct 99	R1	-	NAKAMURA, Takaharu	Fujitsu	IKEDA, Shinobu		TSG
TS	25.215	Physical layer; Measurements (FDD)	R1999	3.5.0	Oct 99	R1	-	...		IKEDA, Shinobu		TSG
TS	25.221	Physical channels and mapping of transport channels onto	R1999	3.5.0	Oct 99	R1	-	HIRAMATSU, Katsuhiko	Matsu	IKEDA, Shinobu		TSG
TS	25.222	Multiplexing and channel coding (TDD)	R1999	3.5.0	Oct 99	R1	-	KAHTAVA, Jussi	Nokia	IKEDA, Shinobu		TSG
TS	25.223	Spreading and modulation (TDD)	R1999	3.4.0	Oct 99	R1	-	ITO, Kenji	Sieme	IKEDA, Shinobu		TSG
TS	25.224	Pphysical layer procedures (TDD)	R1999	3.5.0	Oct 99	R1	-	OESTREICH, Stefan	SIEM	IKEDA, Shinobu		TSG
TS	25.225	Physical layer; Measurements (TDD)	R1999	3.5.0	Oct 99	R1	-	...		IKEDA, Shinobu		TSG
TS	25.301	Radio Interface Protocol Architecture	R1999	3.6.0	April 99	R2	-	GRANZOW, Wolfgang	ERIC	VAN DER VEEN, Hans		TSG
TS	25.302	Services provided by the physical layer	R1999	3.7.0	Oct 99	R2	-	MIHAILESCU, Claudiu	NORT	VAN DER VEEN, Hans	V3.0.0 approved via e-	TSG
TS	25.303	UE functions and inter-layer procedures in connected mode	R1999	3.6.0	Jun 99	R2	-	RINNE, Mikko J	Nokia	VAN DER VEEN, Hans		TSG
TS	25.304	UE Procedures in Idle Mode and Procedures for Cell	R1999	3.5.0	Oct 99	R2	-	MAHKONEN, Marko	NOKI	VAN DER VEEN, Hans		TSG
TS	25.305	Stage 2 Functional Specification of Location Services in	R1999	3.4.0	Mar 00	R2	-	MIHAILESCU, Claudiu	NORT	VAN DER VEEN, Hans	Created from 25.923	TSG
TS	25.306	UE Radio Access capabilities definition	R1999	3.0.0	Dec 00	R2	-	LUNDSJÖ, Johan	Ericss	VAN DER VEEN, Hans	Converted from TR	Conv
TS	25.321	Medium Access Control (MAC) Protocol Specification	R1999	3.6.0	Jun 99	R2	-	SITTE, Armin	SIEM	VAN DER VEEN, Hans		TSG
TS	25.322	Radio Link Control (RLC) Protocol Specification	R1999	3.5.0	Oct 99	R2	-	DUMAZY, Jean	PHILI	VAN DER VEEN, Hans		TSG
TS	25.323	Packet Data Convergence Protocol (PDCP) protocol	R1999	3.3.0	Dec 99	R2	-	HANS, Martin	ROBE	VAN DER VEEN, Hans		TSG
TS	25.324	Broadcast/Multicast Control (BMC)	R1999	3.3.0	Dec 99	R2	-	KRISCHAN, Peter	MANN	VAN DER VEEN, Hans		TSG
TS	25.331	Radio Resource Control (RRC) Protocol Specification	R1999	3.5.0	Oct 99	R2	-	KUCHIBHOTLA, Ravi	MOTO	VAN DER VEEN, Hans		TSG
TS	25.401	UTRAN Overall Description	R1999	3.5.0	Oct 99	R3	-	CALMEL, Jean-Marie	NORT	TAYLOR, Carolyn	Approval at TSG#5	TSG
TS	25.402	Synchronisation in UTRAN Stage 2	R1999	3.4.0	Dec 99	R3	-	PIOLINI, Flavio	SIEM	TAYLOR, Carolyn	New	TSG
TS	25.410	UTRAN Iu Interface: General Aspects and Principles	R1999	3.3.0	Oct 99	R3	-	TOWNEND, Richard	BT	TAYLOR, Carolyn	Approval at TSG#5	TSG
TS	25.411	UTRAN Iu interface Layer 1	R1999	3.3.0	Jun 99	R3	-	BRANDT, Achim V.	SIEM	TAYLOR, Carolyn		TSG
TS	25.412	UTRAN Iu interface signalling transport	R1999	3.6.0	Jun 99	R3	-	THAKARE, Kiran	Radio	TAYLOR, Carolyn		TSG
TS	25.413	UTRAN Iu interface RANAP signalling	R1999	3.4.0	Dec 99	R3	-	JUSSILA, Jyrki	NOKI	TAYLOR, Carolyn		TSG
TS	25.414	UTRAN Iu interface data transport & transport signalling	R1999	3.6.0	Jun 99	R3	-	COMSTOCK, David	Telefo	TAYLOR, Carolyn		TSG
TS	25.415	UTRAN Iu interface user plane protocols	R1999	3.5.0	Oct 99	R3	-	MAUPIN, Alain	Telefo	TAYLOR, Carolyn	Approval at TSG#5	TSG
TS	25.419	UTRAN Iu interface: Cell broadcast protocols between	R1999	3.3.0	Mar 00	R3	-	TAYLOR, Carolyn		TAYLOR, Carolyn	Created #6.	TSG
TS	25.420	UTRAN Iur Interface: General Aspects and Principles	R1999	3.2.0	Dec 99	R3	-	THAKARE, Kiran	Radio	TAYLOR, Carolyn		TSG
TS	25.421	UTRAN Iur interface Layer 1	R1999	3.0.0	Jun 99	R3	-	BRANDT, Achim V.	SIEM	TAYLOR, Carolyn		TSG
TS	25.422	UTRAN Iur interface signalling transport	R1999	3.5.0	Jun 99	R3	-	THAKARE, Kiran	Radio	TAYLOR, Carolyn		TSG
TS	25.423	UTRAN Iur interface RNSAP signalling	R1999	3.4.0	Dec 99	R3	-	RUNE, Göran	Ericss	TAYLOR, Carolyn		TSG

TS	25.424	UTRAN Iur interface data transport & transport signalling for	R1999	3.5.0	Jun 99	R3	-	DREVON, Nicolas	ALCA	TAYLOR, Carolyn		TSG
TS	25.425	UTRAN Iur interface user plane protocols for CCH data	R1999	3.3.0	Oct 99	R3	-	DREVON, Nicolas	ALCA	TAYLOR, Carolyn		TSG
TS	25.426	UTRAN Iur and Iub interface data transport & transport	R1999	3.5.0	Jun 99	R3	-	KEKKI, Sami	NOKI	TAYLOR, Carolyn		TSG
TS	25.427	UTRAN Iur and Iub interface user plane protocols for DCH	R1999	3.5.0	Oct 99	R3	-	LONGONI, Fabio	NOKI	TAYLOR, Carolyn		TSG
TS	25.430	UTRAN Iub Interface: General Aspects and Principles	R1999	3.4.0	Dec 99	R3	-	WILSON, Mick	FUJIT	TAYLOR, Carolyn		TSG
TS	25.431	UTRAN Iub interface Layer 1	R1999	3.0.0	Jun 99	R3	-	BRANDT, Achim V.	SIEM	TAYLOR, Carolyn		.
TS	25.432	UTRAN Iub interface signalling transport	R1999	3.1.0	Jun 99	R3	-	WILSON, Mick	FUJIT	TAYLOR, Carolyn		.
TS	25.433	UTRAN Iub interface NBAP signalling	R1999	3.4.0	Dec 99	R3	-	ISHIKAWA, Nobutaka	NTT	TAYLOR, Carolyn		TSG
TS	25.434	UTRAN Iub interface data transport & transport signalling	R1999	3.4.0	Jun 99	R3	-	ALDEN, Magnus	Telia	TAYLOR, Carolyn		TSG
TS	25.435	UTRAN Iub interface user plane protocols for CCH data	R1999	3.5.0	Oct 99	R3	-	CALMEL, Jean-Marie	NORT	TAYLOR, Carolyn		TSG
TS	25.442	UTRAN Implementation Specific O&M Transport	R1999	3.1.0	Oct 99	R3	-	RECKER, Stephan	MANN	TAYLOR, Carolyn		TSG
TR	25.832	Manifestations of Handover and SRNS relocation	R1999	3.0.0	Oct 99	R3	-	TOWNEND, Richard	BT	TAYLOR, Carolyn		.
TR	25.921	Guidelines and principles for protocol description and error	R1999	3.2.0	Dec 99	R2	-	DUMAZY, Jean	PHILI	VAN DER VEEN, Hans		TSG
TR	25.922	Radio Resource Management Strategies	R1999	3.4.0	Dec 99	R2	-	MAGNANI, Nicola Pio	CSEL	VAN DER VEEN, Hans		TSG
TR	25.925	Radio Interface for Broadcast/Multicast Services	R1999	3.3.0	Dec 99	R2	-	KRISCHAN, Peter	MANN	VAN DER VEEN, Hans		TSG
TR	25.931	UTRAN Functions, examples on signalling procedures	R1999	3.2.0	Mar 00	R3	-	SCARRONE, Enrico	TELE	TAYLOR, Carolyn	New	TSG
TR	25.941	Document structure	R1999	3.1.0	Dec 99	R4	-	TAKAMI, Tadao	NTT	GUTIERREZ MIGUELEZ,		.
TR	25.944	Channel coding and multiplexing examples	R1999	3.3.0	Mar 00	R1	-	NAKAMURA, Takaharu	Fujitsu	IKEDA, Shinobu	Created Jan 2000 (aka	TSG
TR	25.990	Vocabulary for UTRAN	R1999	3.0.0	Oct 99	R4	-	OKRAH, Peter	Motor	GUTIERREZ MIGUELEZ,		.
TS	26.071	AMR speech Codec; General description	R1999	3.0.1	Jun 99	S4	-	EKUDDEN, Erik	Telefo	USAI, Paolino	Transfer>TSG#4	.
TS	26.073	AMR speech Codec; C-source code	R1999	3.1.0	Dec 99	S4	-	EKUDDEN, Erik	Telefo	USAI, Paolino		appro
TS	26.074	AMR speech Codec; Test sequences	R1999	3.0.2	Dec 99	S4	-	EKUDDEN, Erik	Telefo	USAI, Paolino	Transfer>TSG#4	.
TS	26.090	AMR speech Codec; Transcoding Functions	R1999	3.1.0	Jun 99	S4	-	EKUDDEN, Erik	Telefo	USAI, Paolino	Transfer>TSG#4	.
TS	26.091	AMR speech Codec; Error concealment of lost frames	R1999	3.1.0	Jun 99	S4	-	EKUDDEN, Erik	Telefo	USAI, Paolino	Transfer>TSG#4	.
TS	26.092	AMR speech Codec; comfort noise for AMR Speech Traffic	R1999	3.0.1	Jun 99	S4	-	EKUDDEN, Erik	Telefo	USAI, Paolino	Transfer>TSG#4	.
TS	26.093	AMR speech Codec; Source Controlled Rate operation	R1999	3.3.0	Jun 99	S4	-	EKUDDEN, Erik	Telefo	USAI, Paolino	Transfer>TSG#4	TSG
TS	26.094	AMR Speech Codec; Voice Activity Detector for AMR	R1999	3.0.0	Oct 99	S4	-	...		USAI, Paolino	Transfer>TSG#4	.
TS	26.101	AMR speech Codec; Frame Structure	R1999	3.1.0	Dec 99	S4	-	HAGQVIST, Jari	NOKI	USAI, Paolino		TSG
TS	26.102	AMR speech Codec; Interface to Iu and Uu	R1999	3.2.0	Dec 99	S4	-	NAVARRO, William	NORT	USAI, Paolino		TSG
TS	26.103	Codec lists	R1999	3.0.0	Dec 99	S4	-	HELLWIG, Karl	ERIC	USAI, Paolino	New after TSG#5	.
TS	26.104	AMR speech Codec; Floating point C-Code	R1999	3.1.0	Mar 00	S4	-	...		USAI, Paolino		New
TS	26.110	Codec for Circuit switched Multimedia Telephony Service;	R1999	3.0.1	Jun 99	S4	-	ARONSON, Barry	TOSH	USAI, Paolino		.
TS	26.111	Codec for Circuit switched Multimedia Telephony Service;	R1999	3.4.0	Jun 99	S4	-	ARONSON, Barry	TOSH	USAI, Paolino	CR at TSG#5	TSG
TS	26.131	Narrow Band (3,1kHz) Speech & Video Telephony Terminal	R1999	3.1.0	Dec 99	S4	-	GOETZ, Ian	TELL	USAI, Paolino		TSG
TS	26.132	Narrow Band (3,1kHz) Speech & Video Telephony Terminal	R1999	3.1.0	Jun 00	S4	-	GOETZ, Ian	TELL	USAI, Paolino		Feb0
TR	26.911	Codec for Circuit switched Multimedia Telephony	R1999	3.3.0	Jun 99	S4	-	HAAVISTO, Petri	Nokia	USAI, Paolino		Oct0
TR	26.912	Codec for Circuit switched Multimedia Telephony Service;	R1999	3.0.0	Mar 00	S4	-	FRANCESCHI, Olle	Nippo	USAI, Paolino		TSG
TR	26.915	QoS for Speech and Multimedia Codec; Quantitative	R1999	3.0.0	Mar 00	S4	-	GOETZ, Ian	TELL	USAI, Paolino	May00: May be converted	TSG
TS	27.001	General on Terminal Adaptation Functions (TAF) for Mobile	R1999	3.7.0	April 99	N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		TSG
TS	27.002	Terminal Adaptation Functions (TAF) for services using	R1999	3.5.0	April 99	N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		TSG
TS	27.003	Terminal Adaptation Functions (TAF) for services using	R1999	3.5.0	April 99	N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		TSG
TS	27.005	Use of Data Terminal Equipment - Data Circuit terminating	R1999	3.1.0	Jun 99	T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		.
TS	27.007	AT command set for 3G User Equipment (UE)	R1999	3.7.0	Jun 99	T2	-	NOVAK, Lars	Telefo	RODERMUND, Friedhelm		TSG

TS	27.010	Terminal Equipment to User Equipment (TE-UE)	R1999	3.3.0	Jun 99	T2	-	NOVAK, Lars	Telefo	RODERMUND, Friedhelm		addit
TS	27.060	GPRS Mobile Stations supporting GPRS	R1999	3.4.0	April 99	N3	-	HEATON, Graham	RTS	BOSWARTHICK, David		TSG
TS	27.103	Wide Area Network Synchronisation	R1999	3.1.0	Oct 99	T2	-	LOCKHART, Rob	MOTO	RODERMUND, Friedhelm		TSG
TR	27.901	Report on Terminal Interfaces - An Overview	R1999	3.0.0	Dec 99	T2	-	REX, Thomas	ERIC	RODERMUND, Friedhelm		.
TR	27.903	Discussion of Synchronisation Standards	R1999	3.0.0	Oct 99	T2	-	LOCKHART, Rob	MOTO	RODERMUND, Friedhelm		.
TS	29.002	Mobile Application Part (MAP)	R1999	3.7.0	April 99	N4	-	...		KYMALAINEN, Kimmo		TSG
TS	29.007	General requirements on Interworking between the PLMN	R1999	3.7.0	April 99	N3	-	KLEHN, Norbert	SIEM	BOSWARTHICK, David		TSG
TS	29.010	Information Element Mapping between Mobile Station -	R1999	3.4.0	Oct 99	N4	-	...		KYMALAINEN, Kimmo	Transfer>TSG#4	TSG
TS	29.011	Signalling Interworking for Supplementary Services	R1999	3.0.0	April 99	N4	-	...		KYMALAINEN, Kimmo		.
TS	29.013	Signalling interworking between ISDN supplementary	R1999	3.0.0	Oct 99	N4	-	...		KYMALAINEN, Kimmo	Transfer>TSG#4	.
TS	29.016	Serving GPRS Support Node SGSN - Visitors Location	R1999	3.1.0	April 99	N1	-	MILLS, Duncan	VODA	AL -BAKRI, Ban		. TSG
TS	29.018	Serving GPRS Support Node SGSN - Visitors Location	R1999	3.5.0	April 99	N1	-	MILLS, Duncan	VODA	AL -BAKRI, Ban		TSG
TS	29.060	GPRS Tunnelling protocol (GTP) across the Gn and Gp	R1999	3.7.0	April 99	N4	-	OLTEDAL, Einar	Telefo	KYMALAINEN, Kimmo		TSG
TS	29.061	General Packet Radio Service (GPRS); Interworking	R1999	3.4.0	April 99	N3	-	BRAUN, Achim	ALCA	BOSWARTHICK, David		TSG
TS	29.078	CAMEL; Stage 3	R1999	3.6.0	Oct 99	N2	-	NOLDUS, Rogier	Telefo	JORGENSEN, Per Johan	Transfer>TSG#4	CR@
TS	29.108	Application of the Radio Access Network Application Part	R1999	3.1.0	Jun 00	R3	-	VESELY, Alexander	SIEM	TAYLOR, Carolyn	TSG#8:Appeared as	TSG
TS	29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway	R1999	3.0.0	Mar 00	N4	-	AIKAWA, Shinichiro	Fujitsu	KYMALAINEN, Kimmo	New after TSG#5	Func
TS	29.120	Mobile Application Part (MAP) specification for Gateway	R1999	3.1.0	Mar 00	N4	-	MITAMURA, Kazuo	NTT	KYMALAINEN, Kimmo	New after TSG#5	Func
TS	29.198	Open Services Architecture API part 1	R1999	3.2.0	Jun 00	N5	-	HU, Yun Chao	Nippo	JORGENSEN, Per Johan	OSA subgroup. Was	TSG
TR	29.998	Open Services Architecture API part 2	R1999	3.2.0	Jun 00	N5	-	HU, Yun Chao	Nippo	JORGENSEN, Per Johan	OSA subgroup	TSG
TS	31.101	UICC-terminal interface; Physical and logical characteristics	R1999	3.3.0	Dec 99	T3	SCP	VESTERGAARD, Peter	NOKI	SANDERS, Michael	TSG#9: txferred from T2	TSG
TS	31.102	Characteristics of the USIM Application	R1999	3.4.0	Dec 99	T3	-	HEIM, Christian	GIES	SANDERS, Michael		TSG
TS	31.110	Numbering system for telecommunication IC card	R1999	3.2.0	Dec 99	T3	-	DIETRICH, Christian	Schlu	SANDERS, Michael		TSG
TS	31.111	USIM Application Toolkit (USAT)	R1999	3.3.0	Mar 00	T3	-	WOODSEND, Kristian	ASPE	SANDERS, Michael		TSG
TS	31.120	Terminal tests for the UICC Interface; part 1	R1999	3.0.0	Jun 00	T3	-	MAESER, Torsten	ORGA	SANDERS, Michael	based on R99 core spec;	TSG
TS	31.121	Terminal tests for the UICC Interface; part 2	R1999	3.0.0	Jun 00	T3	-	AFCHAR, Ramin	CETE	SANDERS, Michael	based on R99 core spec;	TSG
TS	31.122	UICC Test Specification	R1999	3.0.0	Jun 00	T3	-	KNIGHT, Simon	ASPE	SANDERS, Michael	based on R99 core spec;	TSG
TS	32.005	Telecommunications Management; Charging and billing; 3G	R1999	3.3.0	Jun 00	S5	-	KOBYLARZ, Thaddeus	AT&T	ZOICAS, Adrian		Title
TS	32.015	Telecommunications Management; Charging and billing; 3G	R1999	3.4.0	Jun 00	S5	-	KOBYLARZ, Thaddeus	AT&T	ZOICAS, Adrian		Title
TS	32.101	3G Telecom Management principles and high level	R1999	3.3.0	Mar 00	S5	-	TRUSS, Michael	MOTO	ZOICAS, Adrian		Outs
TS	32.102	3G Telecom Management Architecture	R1999	3.2.0	Mar 00	S5	-	BERGGREN, Tommy	Telia	ZOICAS, Adrian		Outs
TS	32.104	3G Performance Management	R1999	3.4.0	Mar 00	S5	-	NENNER, Karl-Heinz	Deuts	ZOICAS, Adrian		Outs
TS	32.106-1	Telecommunication Management; Configuration	R1999	3.1.0	Mar 00	S5	-	PIRT, Trevor	MOTO	ZOICAS, Adrian	TSG#8: split into eight	TSG
TS	32.106-2	Telecommunication Management; Configuration	R1999	3.2.0	Mar 00	S5	-	TSE, Edwin	ERIC	ZOICAS, Adrian	TSG#8: split into eight	TSG
TS	32.106-3	Telecommunication Management; Configuration	R1999	3.2.0	Mar 00	S5	-	SCHEER, Randal	Lucen	ZOICAS, Adrian	TSG#8: split into eight	TSG
TS	32.106-4	Telecommunication Management; Configuration	R1999	3.1.0	Mar 00	S5	-	ZHOU, Di	SIEM	ZOICAS, Adrian	TSG#8: split into eight	TSG
TS	32.106-5	Telecommunication Management; Configuration	R1999	3.0.0	Dec 00	S5	-	TOVINGER, Thomas	Telefo	ZOICAS, Adrian	TSG#8: split into eight	TSG
TS	32.106-6	Telecommunication Management; Configuration	R1999	3.0.0	Dec 00	S5	-	ZHOU, Di	SIEM	ZOICAS, Adrian	TSG#8: split into eight	TSG
TS	32.106-7	Telecommunication Management; Configuration	R1999	3.0.0	Dec 00	S5	-	TOVINGER, Thomas	Telefo	ZOICAS, Adrian	TSG#8: split into eight	TSG
TS	32.106-8	Telecommunication Management; Configuration	R1999	3.1.0	Mar 00	S5	-	TOVINGER, Thomas	Telefo	ZOICAS, Adrian	TSG#8: split into eight	TSG
TS	32.111-1	Telecommunication Management; Fault Management; Part	R1999	3.2.0	Jun 00	S5	-	JURE, Patrick	Lucen	ZOICAS, Adrian	TSG#8: split into 4 parts	TSG
TS	32.111-2	Telecommunication Management; Fault Management; Part	R1999	3.3.0	Jun 00	S5	-	JURE, Patrick	Lucen	ZOICAS, Adrian	TSG#8: split into 4 parts	TSG
TS	32.111-3	Telecommunication Management; Fault Management; Part	R1999	3.3.0	Jun 00	S5	-	JURE, Patrick	Lucen	ZOICAS, Adrian	TSG#8: split into 4 parts	TSG

TS	32.111-4	Telecommunication Management; Fault Management; Part	R1999	3.1.1	Jun 00	S5	-	JURE, Patrick	Lucen	ZOICAS, Adrian	TSG#8: split into 4 parts	TSG
TS	33.102	Security Architecture	R1999	3.7.0	Mar 00	S3	-	VINCK, Bart	SIEM	POPE, Maurice		TSG
TS	33.103	Security Integration Guidelines	R1999	3.4.0	Oct 99	S3	-	BLANCHARD, Colin	BT	POPE, Maurice		TSG
TS	33.105	Cryptographic Algorithm requirements	R1999	3.6.0	Jun 99	S3	-	CHIKAZAWA, Takeshi		POPE, Maurice		TSG
TS	33.106	Lawful interception requirements	R1999	3.1.0	Jun 00	S3	-	WILHELM, Berthold	Reg	POPE, Maurice		.
TS	33.107	Lawful interception architecture and functions	R1999	3.1.0	Dec 99	S3	-	WILHELM, Berthold	Reg	POPE, Maurice		New
TS	33.120	Security Objectives and Principles	R1999	3.0.0	April 99	S3	-	WRIGHT, Tim	BT	POPE, Maurice		.
TR	33.901	Criteria for cryptographic Algorithm design process	R1999	3.0.0	Jun 99	S3	-	BLOM, Rolf	Telefo	POPE, Maurice		.
TR	33.902	Formal Analysis of the 3G Authentication Protocol	R1999	3.1.0	Oct 99	S3	-			POPE, Maurice		.
TR	33.908	Security Algorithms Group of Experts (SAGE); General	R1999	3.0.0	Mar 00	S3	-	WALKER, Michael	VODA	POPE, Maurice	TSG#7: S3-000105=NP-	TSG
TS	34.108	Common Test Environments for User Equipment (UE)	R1999	3.2.0	Jun 00	T1	-	CHALABI, Nouhman	Anite	SALMERON, Lidia		TSG
TS	34.109	Logical Test Interface (TDD and FDD)	R1999	3.2.0	Jun 00	R2	T1	MATISSON, Leif	Telefo	VAN DER VEEN, Hans	TSG#7: Will be	Feb0
TS	34.121	Terminal Conformance Specification, Radio Transmission	R1999	3.3.0	Mar 00	T1	-	HIGUCHI, Kenji	ADVA	SALMERON, Lidia		TSG
TS	34.122	Terminal Conformance Specification, Radio Transmission	R1999	3.2.0	Jun 00	T1	-	MAUCKSCH, Thomas	ROHD	SALMERON, Lidia		TSG
TS	34.123-1	UE Conformance Specification, Part 1 – Conformance	R1999	3.2.0	Jun 00	T1	-	SALMERON, Lidia	ETSI	SALMERON, Lidia		TSG
TS	34.123-2	UE Conformance Specification, Part 2 – ICS	R1999	3.2.0	Dec 00	T1	-	HU, Shicheng	ETSI	SALMERON, Lidia		TSG
TS	34.124	Electromagnetic compatibility (EMC) requirements for	R1999	3.2.0	Mar 00	R4	-	SOERENSEN, Ole	NOKI	GUTIERREZ MIGUELEZ,	T1->R4@TSG#11	TSG
TR	34.907	Report on electrical safety requirements and regulations	R1999	3.0.0	Oct 99	T2	-	IIMORI, Eiji	Toshi	RODERMUND, Friedhelm		.
TR	34.925	Specific Absorption Rate (SAR) requirements and	R1999	3.0.0	Jun 99	T2	-	JOHNSON, Sven	Telefo	RODERMUND, Friedhelm		.
TS	35.201	Specification of the 3GPP confidentiality and integrity	R1999	3.1.0	Mar 00	S3	-	WALKER, Michael	VODA	POPE, Maurice	ex SAGE - not publicly	TSG
TS	35.202	Specification of the 3GPP confidentiality and integrity	R1999	3.1.0	Mar 00	S3	-	WALKER, Michael	VODA	POPE, Maurice	ex SAGE - not publicly	TSG
TS	35.203	Specification of the 3GPP confidentiality and integrity	R1999	3.1.0	Mar 00	S3	-	WALKER, Michael	VODA	POPE, Maurice	ex SAGE - not publicly	TSG
TS	35.204	Specification of the 3GPP confidentiality and integrity	R1999	3.1.0	Mar 00	S3	-	WALKER, Michael	VODA	POPE, Maurice	ex SAGE - not publicly	TSG
TR	35.205	Security Algorithms Group of Experts (SAGE); General	R1999	3.0.0	Dec 00	S3	-	WALKER, Michael	VODA	POPE, Maurice	ex SAGE; supplied by	TSG
TS	35.206	Security Algorithms Group of Experts (SAGE); Specification	R1999	3.0.0	Dec 00	S3	-	WALKER, Michael	VODA	POPE, Maurice	ex SAGE; supplied by	TSG
TS	35.207	Security Algorithms Group of Experts (SAGE); Specification	R1999	3.0.0	Dec 00	S3	-	WALKER, Michael	VODA	POPE, Maurice	ex SAGE; supplied by	.TSG
TS	35.208	Security Algorithms Group of Experts (SAGE); Specification	R1999	3.0.0	Dec 00	S3	-	WALKER, Michael	VODA	POPE, Maurice	ex SAGE; supplied by	TSG

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TR	01.00	Working Procedures for SMG	R1998	7.2.0		SP	-	BERGMANN, Ansgar	ETSI	POPE, Maurice		#27:
TR	01.04	Abbreviations and Acronyms	R1998	7.0.0		GP	-	CLAYTON, Michael	ETSI	USAI, Paolino		#29:
TR	01.31	Fraud Information Gathering System (FIGS); Service	R1998	7.0.1		S3	-	WRIGHT, Tim	BT	POPE, Maurice		#23:
TR	01.33	Lawful Interception requirements for GSM	R1998	7.0.0		S3	-	MCKIBBEN, Bernie	MOTO	POPE, Maurice		#25:
	01.56	GSM Cordless Telephony System (CTS) (Phase 1); CTS	R1998	7.0.0		S1	-	MESSIET, Samira	ALCA	CLAYTON, Michael		#28 f
	02.01	Principles of Telecommunication Services Supported by a	R1998	7.1.0		S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael		#28:
	02.02	Bearer Services (BS) Supported by a GSM Public Land	R1998	7.0.2		S1	-	RICHARDS, Denise	Lucen	CLAYTON, Michael		#28:
	02.03	Teleservices Supported by a GSM Public Land Mobile	R1998	7.0.0		S1	-	CONRAD, Alan	Deuts	CLAYTON, Michael		#29:
	02.04	General on Supplementary Services	R1998	7.1.2		S1	-	RICHARDS, Denise	Lucen	CLAYTON, Michael		#25:

	02.06	Types of Mobile Stations (MS)	R1998	7.0.1		S1	-	JEAL, David	VODA	CLAYTON, Michael		#29:
	02.07	Mobile Station (MS) Features	R1998	7.1.0		S1	-	JEAL, David	VODA	CLAYTON, Michael		#27:
	02.09	Security Aspects	R1998	7.1.0		S3	S1 / NP	CHRISTOFFERSSON,	TELIA	POPE, Maurice		#29:
	02.11	Service Accessibility	R1998	7.0.1		S1	-	CHICHMANIAN, Anouch	Franc	CLAYTON, Michael		#27:
	02.16	International Mobile Station Equipment Identities (IMEI)	R1998	7.2.0		S1	-	CHICHMANIAN, Anouch	Franc	CLAYTON, Michael		#29:
	02.17	Subscriber Identity Modules, Functional Characteristics	R1998	7.1.1		T3	S1	HOOKER, Philip	ORAN	SANDERS, Michael		7.1.0
	02.19	Subscriber Identity Module Application Programming	R1998	7.1.0		T3	-	DIETRICH, Christian	Schlu	SANDERS, Michael	SMG9->T3@#31	#27:
	02.22	Stage 1 for Personalisation of GSM ME	R1998	7.0.0		S1	-	DURAND, Romain	ALCA	CLAYTON, Michael		#29:
	02.24	Description of Charge Advice Information (CAI)	R1998	7.0.0		S1	-	DWYER, Paul	NORT	CLAYTON, Michael		#29:
	02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	R1998	7.1.0		S1	-	JEAL, David	VODA	CLAYTON, Michael		#28:
	02.31	Fraud Information Gathering System (FIGS) Service	R1998	7.1.1		S3	-	WRIGHT, Tim	BT	POPE, Maurice		#23:
	02.32	Immediate Service Termination (IST); Service description ;	R1998	7.1.1		S3	-	WRIGHT, Tim	BT	POPE, Maurice		#25:
	02.33	Lawful Interception ; Stage 1	R1998	7.3.0		S3	-	MCKIBBEN, Bernie	MOTO	POPE, Maurice		#20:
	02.34	High Speed Circuit Switched Data (HSCSD) ; Stage 1	R1998	7.0.0		S1	-	MUHONEN, Ahti	NOKI	CLAYTON, Michael		#29:
	02.40	Procedures for Call Progress Indications	R1998	7.0.1		S1	NP	DWYER, Paul	NORT	CLAYTON, Michael	R99 -> 22.101	#27:
	02.41	Operator Determined Barring	R1998	7.0.0		S1	-	...		CLAYTON, Michael		#29:
	02.42	Network Identity and Timezone (NITZ); Service Description,	R1998	7.0.0		S1	-	GILES, Les	Global	CLAYTON, Michael		#29:
TS	02.43	Support of Localised Service Area (SoLSA); Service	R1998	7.3.0		S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael		#27:
	02.48	Security mechanisms for the SIM Application Toolkit; Stage	R1998	7.0.0		T3	S3	BARNES, Nigel	MOTO	SANDERS, Michael	SMG9->T3@#31	#29:
	02.53	Tandem Free Operation (TFO); Service description; Stage	R1998	7.0.1		S4	-	NAVARRO, William	NORT	USAI, Paulino	SMG11->S4 at SMG#30	#25:
	02.56	GSM Cordless Telephony System (CTS), Phase 1; Service	R1998	7.2.0		S1	-	GALLIGO, Michel	ALCA	CLAYTON, Michael		#27:
	02.57	Mobile Station Application Execution Environment (MExE)	R1998	7.1.0		S1	-	...		CLAYTON, Michael		#25:
	02.60	General Packet Radio Service Stage 1 Description	R1998	7.5.0		S1	-	CONRAD, Alan	Deuts	CLAYTON, Michael		#21:
	02.63	Packet Data on Signalling channels Service (PDS) ; Stage	R1998	7.0.0		S1	-	CONRAD, Alan	Deuts	CLAYTON, Michael		#29:
	02.66	Support of Mobile Number Portability (MNP); Service	R1998	7.1.0		S1	-	...		CLAYTON, Michael		#24:
	02.67	Enhanced Multi-Level Precedence and Pre-emption Service	R1998	7.0.0		S1	-	GILES, Les	Global	CLAYTON, Michael		#29:
	02.68	Voice Group Call Service (VGCS) ; Stage 1	R1998	7.0.1		S1	-	GILES, Les	Global	CLAYTON, Michael		#28:
	02.69	Voice Broadcast Service (VBS) ; Stage 1	R1998	7.0.2		S1	-	GILES, Les	Global	CLAYTON, Michael		#28:
	02.71	Location Services (LCS) ; Stage 1	R1998	7.2.0		S1	-			CLAYTON, Michael		#28:
	02.72	Call Deflection Service description, Stage 1	R1998	7.2.1		S1	-	HABERMANN, Steffen	Deuts	CLAYTON, Michael		#19:
	02.76	Noise Suppression for the AMR	R1998	8.0.0		S4	-	...		USAI, Paulino		#29:
	02.78	Customized Applications for Mobile network Enhanced	R1998	7.1.0		S1	-	KLEIER, Stephan	MANN	CLAYTON, Michael		#29:
	02.79	Support of Optimal Routeing (SOR); Service definition	R1998	7.0.0		S1	-	FREY, Sophie	CEGE	CLAYTON, Michael		#29:
	02.81	Line Identification Supplementary Services ; Stage 1	R1998	7.0.0		S1	-	BLOMSTRAND, Ola	TELIA	CLAYTON, Michael		#29:
	02.82	Call Forwarding (CF) Supplementary Services ; Stage 1	R1998	7.0.1		S1	-	CHICHMANIAN, Anouch	Franc	CLAYTON, Michael		#28:
	02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary	R1998	7.0.0		S1	-	...		CLAYTON, Michael		#29:
	02.84	MultiParty (MPTY) Supplementary Services ; Stage 1	R1998	7.0.0		S1	-	POSTMANN, Erwin	SIEM	CLAYTON, Michael		#29:
	02.85	Closed User Group (CUG) Supplementary Services ; Stage	R1998	7.0.0		S1	-	BLOMSTRAND, Ola	TELIA	CLAYTON, Michael		#29:
	02.86	Advice of Charge (AoC) Supplementary Services ; Stage 1	R1998	7.0.0		S1	-	CRAWFORD, Ian	VODA	CLAYTON, Michael		#29:
	02.87	User-to-User Signalling (UUS) Service Description, Stage 1	R1998	7.1.2		S1	-	CONRAD, Alan	Deuts	CLAYTON, Michael		#18:
	02.88	Call Barring (CB) Supplementary Services ; Stage 1	R1998	7.0.0		S1	-	CONRAD, Alan	Deuts	CLAYTON, Michael		#29:
	02.90	Stage 1 Decision of Unstructured Supplementary Service	R1998	7.0.0		S1	-	SLOTTE, Sverre	NOKI	CLAYTON, Michael		#29:
	02.91	Explicit Call Transfer (ECT)	R1998	7.0.0		S1	-	POSTMANN, Erwin	SIEM	CLAYTON, Michael		#29:

	02.93	Completion of Calls to Busy Subscriber (CCBS) Service	R1998	7.0.0		S1	-	...		CLAYTON, Michael		#29:
	02.95	Digital cellular telecommunications system (Phase 2+);	R1998	7.0.0		S1	-	...		CLAYTON, Michael		#29:
	02.96	Name Identification Supplementary Services; Stage 1	R1998	7.0.0		S1	-			CLAYTON, Michael		#29:
	02.97	Multile Subscriber Profile (MSP) Service description, Stage	R1998	7.1.0		S1	-	...		CLAYTON, Michael		#19:
	03.01	Network Functions	R1998	7.0.0		S2	NP	GAASVIK, Per-Ola	COMV	SULTAN, Alain	SMG3->SA2 @ TSG#7	#29:7
	03.02	Network Architecture	R1998	7.1.0		S2	NP / T2	SULTAN, Alain	ETSI	SULTAN, Alain		#29:
	03.03	Numbering, Addressing and Identification	R1998	7.5.0		N4	T2	GAASVIK, Per-Ola	COMV	KYMALAINEN, Kimmo		#25:
TR	03.05	Technical performance objectives	R1998	7.0.0		NP	-	...		BOSWARTHICK, David		#29:
	03.07	Restoration Procedures	R1998	7.1.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		#29:
	03.08	Organization of Subscriber Data	R1998	7.4.0		N4	-	BAUER, Rolf	ALCA	KYMALAINEN, Kimmo		#28:
	03.09	Handover Procedures	R1998	7.0.0		N1	-	FARHOUMAND, Rouzbeh	Ericss	AL -BAKRI, Ban		#29:
	03.10	GSM Public Land Mobile Network (PLMN) Connection	R1998	7.0.1		N3	-	BRAUN, Achim	ALCA	BOSWARTHICK, David		#27:
	03.11	Technical Realization of Supplementary Services - General	R1998	7.0.1		N4	-	HABERMANN, Steffen	Deuts	KYMALAINEN, Kimmo		#29:
	03.12	Location Registration Procedures	R1998	7.0.0		N4	-	GAASVIK, Per-Ola	COMV	KYMALAINEN, Kimmo		#29:
	03.13	Discontinuous Reception (DRX) in the GSM System	R1998	7.0.0		GP	-	...		USAI, Paolino		#29:
	03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF)	R1998	7.0.1		N1	-	...		AL -BAKRI, Ban		#28:
	03.15	Technical Realization of Operator Determined Barring	R1998	7.0.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		#29:
	03.16	Subscriber Data Management	R1998	7.4.0		N4	-	DETTNER, Harald	SIEM	KYMALAINEN, Kimmo		#28:
	03.18	Basic Call Handling	R1998	7.4.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		#28:
	03.19	GSM API for SIM toolkit stage 2	R1998	7.4.0		T3	-	DIETRICH, Christian	Schlu	SANDERS, Michael	SMG9->T3@#31	#28:
	03.20	Security-related Network Functions	R1998	7.3.0		S3	NP / GP	NGUYEN NGOC,	Franc	POPE, Maurice		#28:
	03.22	Functions Related to Mobile Station (MS) in Idle Mode	R1998	7.3.0		G2	N1	HOWELL, Andrew	MOTO	THOMASEN, Gert	Moved from SMG3 Jan	#28:
TR	03.26	Multiband operation of GSM/DCS 1800 by a single operator	R1998	7.0.0		GP	NP	...		USAI, Paolino		#29:
TR	03.30	Radio Network Planning Aspects	R1998	7.1.0		GP	-	STEVENS, Peter John	One 2	USAI, Paolino		#29:
	03.31	Fraud Information Gathering System (FIGS); Service	R1998	7.0.0		S3	-	WRIGHT, Tim	BT	POPE, Maurice		#26:
	03.32	Universal Geographical Area Description (GAD)	R1998	7.1.0		S2	-	...		SULTAN, Alain		#29:
	03.33	Lawful Interception ; Stage 2	R1998	7.2.0		S3	-	MCKIBBEN, Bernie	MOTO	POPE, Maurice		#27:
	03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	R1998	7.0.0		N1	-	MUHONEN, Janne	NOKI	AL -BAKRI, Ban		#29:
	03.35	Immediate Service Termination (IST); Stage 2	R1998	7.0.0		S3	-	WRIGHT, Tim	BT	POPE, Maurice		#27:
	03.38	Alphabets and Language Specific Information for GSM	R1998	7.2.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#26:
	03.40	Technical Realization of the Short Message Service (SMS)	R1998	7.4.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#26:
	03.41	Technical Realization of Short Message Service Cell	R1998	7.4.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#28:
	03.42	SMS Compression	R1998	7.1.1		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#26:
TR	03.43	Support of Videotex	R1998	7.0.0	Jun 00	T2	-	DI TRIA, Paolo	CSEL	RODERMUND, Friedhelm		#29:
TR	03.44	Support of Teletex in a GSM Public Land Mobile Network	R1998	7.0.0	Jun 00	T2	-	...		RODERMUND, Friedhelm		#29:
	03.45	Technical Realization of Facsimile Group 3 Service -	R1998	7.0.1		N3	-	...		BOSWARTHICK, David		#29:
	03.46	Technical Realization of Facsimile Group 3 Service - non	R1998	7.0.0		N3	-	...		BOSWARTHICK, David		#29:
TR	03.47	Example Protocol Stacks for Interconnecting Service	R1998	7.0.0	Jun 00	T2	-	...		RODERMUND, Friedhelm		#29:
	03.48	Security Mechanisms for SIM Toolkit Application ; Stage 2	R1998	7.0.1		T3	-	BARNES, Nigel	MOTO	SANDERS, Michael	SMG9->T3@#31	#28:
TR	03.49	Example protocol stacks for interconnecting Cell Broadcast	R1998	7.0.0	Jun 00	T2	-	MEREDITH, Andrew	MOTO	RODERMUND, Friedhelm		#29:
	03.50	Transmission Planning Aspects of the Speech Service in	R1998	7.1.0		S4	-	USAI, Paolino	ETSI	USAI, Paolino		#29:
	03.52	Lower layers of the GSM Cordless Telephony System	R1998	7.1.0		GP	-	DESBLANCS, Philippe	ALCA	USAI, Paolino		#28:
	03.53	Tandem Free Operation (TFO); Service description; Stage	R1998	7.0.1		S4	NP / S2	FAUCONNIER, Denis	NORT	USAI, Paolino	Mar00: prime	#25:

	03.54	Description for the use of a Shared Inter Working Function	R1998	7.0.0		N3	-	ROSTÖ, Tommy	TELIA	BOSWARTHICK, David		#29:
	03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS	R1998	7.1.0		S2	-	ROBERTS, Martin	Nortel	SULTAN, Alain		#27:
	03.57	Mobile Station Application Execution Environment (MExE);	R1998	7.2.0		T2	-	CATALDO, Mark	MOTO	RODERMUND, Friedhelm		#27:
TR	03.58	Characterisation, test methods and quality assessment for	R1998	7.0.0		S4	-	MONFORT, Jean-Yves	Franc	USAI, Paolino		#29:
	03.60	General Packet Radio Service (GPRS) Service description;	R1998	7.5.0		S2	-	NAPER, Hans Petter	MOTO	SULTAN, Alain		#28:
	03.63	Packet Data on Signalling channels service (PDS) Service	R1998	7.0.0		N1	-	JACOBSON, Dieter	Deuts	AL -BAKRI, Ban		#31:
	03.64	Overall description of the GPRS radio interface; Stage 2	R1998	7.1.0		G2	-	...		THOMASEN, Gert		#29:
	03.66	Support of GSM Mobile Number Portability (MNP); Stage 2	R1998	7.3.0		N4	-	LOPEZ SORIA, Luis	ERIC	KYMALAINEN, Kimmo		#28:
	03.67	Enhanced Multi-Level Precedence and Preemption Service	R1998	7.2.0		N4	-	MÜNNING, Dirk	DETE	KYMALAINEN, Kimmo		#29:
	03.68	Voice Group Call Service (VGCS); Stage 2	R1998	7.2.0		N1	-			AL -BAKRI, Ban		#29:
	03.69	Voice Broadcast service (VBS); Stage 2	R1998	7.2.0		N1	-	MÜNNING, Dirk	DETE	AL -BAKRI, Ban		#29:
	03.70	Routeing of Calls to/from Public Data Networks (PDN)	R1998	7.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#29:
	03.71	Location services (LCS); Stage 2	R1998	7.4.0		S2	-	BROOK, Richard	SAMS	SULTAN, Alain		#28:
	03.72	Call Deflection stage 2	R1998	7.1.0		N4	-	...		KYMALAINEN, Kimmo		#28:
	03.73	Support of Localised Service Area (SoLSA); Stage 2	R1998	7.2.0		S2	-	...		SULTAN, Alain		#27:
	03.78	CAMEL Phase 2; Stage 2	R1998	7.5.0		N2	-	LANTELME, Isabelle	ALCA	JORGENSEN, Per Johan		#28:
	03.79	Support of Optimal Routing phase 1; Stage 2	R1998	7.3.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		#28:
	03.81	Line Identification Supplementary Services; Stage 2	R1998	7.0.1		N4	-	...		KYMALAINEN, Kimmo		#28:
	03.82	Call Forwarding (CF) Supplementary Services; Stage 2	R1998	7.0.0		N4	-	POTHS, Annette	MANN	KYMALAINEN, Kimmo		#29:
	03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary	R1998	7.0.0		N4	-	SHARP, Iain	NORT	KYMALAINEN, Kimmo		#29:
	03.84	Multi Party (MPY) Supplementary Services; Stage 2	R1998	7.0.0		N4	-	HABERMANN, Steffen	Deuts	KYMALAINEN, Kimmo		#29:
	03.85	Closed user Group (CUG) Supplementary Services; Stage	R1998	7.0.0		N4	-	...		KYMALAINEN, Kimmo		#29:
	03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	R1998	7.0.1		N4	-	...		KYMALAINEN, Kimmo		#29:
	03.87	User-to-user signalling (UUS); Stage 2	R1998	7.0.2		N4	-	...		KYMALAINEN, Kimmo		#28:
	03.88	Call Barring (CB) supplementary services ; Stage 2	R1998	7.0.0		N4	-	HAMEL, Eric	Franc	KYMALAINEN, Kimmo		#29:
	03.90	Unstructured Supplementary Service Data (USSD)	R1998	7.0.0		N4	-	CHOTAI, Sunil	BT	KYMALAINEN, Kimmo		#29:
	03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage	R1998	7.0.0		N4	-	DZUBAN, Stanislav	SIEM	KYMALAINEN, Kimmo		#29:
	03.93	Technical realization of Completion of Calls to Busy	R1998	7.0.0		N4	-	HÄMÄLÄINEN, Pekka	NOKI	KYMALAINEN, Kimmo		#29:
	03.96	Name Identification Supplementary Services; Stage 2	R1998	7.0.0		N4	-			KYMALAINEN, Kimmo		#29:
	03.97	Multiple subscriber Profile (MSP); Stage 2	R1998	7.2.0		N4	-	...		KYMALAINEN, Kimmo		#28:
	04.01	Mobile Station - Base Station System (MS - BSS) Interface	R1998	7.0.0		N1	-	AVELINE, Sophie	Franc	AL -BAKRI, Ban		#29:
	04.02	GSM Public Land Mobile Network (PLMN) Access	R1998	7.0.0		N1	-			AL -BAKRI, Ban		#29:
	04.03	Mobile Station - Base Station System (MS - BSS) Interface	R1998	7.0.0		G2	-	THOMAS, Rémi	Franc	THOMASEN, Gert		#29:
	04.04	Layer 1 - General Requirements	R1998	7.0.0		G2	-	THOMAS, Rémi	Franc	THOMASEN, Gert		#29:
	04.05	Data Link (DL) Layer General Aspects	R1998	7.1.1		G2	-	...		THOMASEN, Gert		#29:
	04.06	Mobile Station - Base Stations System (MS - BSS) Interface	R1998	7.1.1		G2	-	...		THOMASEN, Gert		#29:
	04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	R1998	7.3.0		N1	-	HOWELL, Andrew	MOTO	AL -BAKRI, Ban		#28:
	04.08	Mobile radio interface layer 3 specification	R1998	7.10.0		N1	G2	HOWELL, Andrew	MOTO	AL -BAKRI, Ban	04.08 will remain as an	#28:
	04.10	Mobile Radio Interface Layer 3 - Supplementary Services	R1998	7.0.1		N4	-	SHARP, Iain	NORT	KYMALAINEN, Kimmo		#28:
	04.11	Point-to-Point (PP) Short Message Service (SMS) Support	R1998	7.1.0		N1	-	NOBUYUKI, Uda	NTT	AL -BAKRI, Ban		#29:
	04.12	Short Message Service Cell Broadcast (SMSCB) Support	R1998	7.0.1		G2	T2	PUDNEY, Chris	VODA	THOMASEN, Gert		#29:
	04.13	Performance Requirements on Mobile Radio Interface	R1998	7.0.1		N1	-	MILLS, Duncan	VODA	AL -BAKRI, Ban		#29:
	04.14	Individual equipment type requirements and interworking;	R1998	7.2.0		G2	-	HOWELL, Andrew	MOTO	THOMASEN, Gert		#29:

	04.21	Rate Adaption on the Mobile Station - Base Station System	R1998	7.1.0		N3	-	RÄSÄNEN, Juha	NOKI	BOSWARTHICK, David		#27:
	04.22	Radio Link Protocol for Data and Telematic Services on the	R1998	7.1.0		N3	-	KLEHN, Norbert	SIEM	BOSWARTHICK, David		#28:
	04.30	Location Services LCS Stage 3 SS (MO-LR)	R1998	7.2.0		G2	-			THOMASEN, Gert	Seems to be a dispute	#30 i
	04.31	Location Services LCS RR LCS Protocol	R1998	7.3.0		G2	-			THOMASEN, Gert		#30 i
	04.35	Location Services LCS Stage 3 E-OTD Enhanced	R1998	7.2.0		G2	-			THOMASEN, Gert		. GE
	04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS	R1998	7.1.0		N1	-	HUPPERICH, Peter	ALCA	AL -BAKRI, Ban		#28:
	04.57	GSM Cordless Telephony System (CTS), (Phase 1) CTS	R1998	7.0.1		N1	-	HUPPERICH, Peter	ALCA	AL -BAKRI, Ban		#28:
	04.60	General Packet Radio Service (GPRS); Mobile Station (MS)	R1998	7.7.0		G2	-	...		THOMASEN, Gert		#29:
	04.63	Packet Data on Signalling channels Service (PDS) Service	R1998	7.0.0		N1	-	JACOBSON, Dieter	Deuts	AL -BAKRI, Ban		#29:
	04.64	Mobile Station - Serving GPRS Support Node (MS-SGSN)	R1998	7.4.0		N1	-	SALKINTZIS, Apostolis	MOTO	AL -BAKRI, Ban		#29:
TS	04.65	Mobile Station (MS) - Serving GPRS Support Node	R1998	7.3.0		N1	-	SALKINTZIS, Apostolis	MOTO	AL -BAKRI, Ban	24.065 existed, but	#29:
	04.67	Enhanced Multi-Level Precedence and Pre-emption service	R1998	7.0.1		N4	-	MÜNNING, Dirk	DETE	KYMALAINEN, Kimmo		#29:
	04.68	Group Call Control (GCC) Protocol	R1998	7.2.0		N1	-			AL -BAKRI, Ban		#29:
	04.69	Broadcast Call Control (BCC) protocol	R1998	7.2.0		N1	-			AL -BAKRI, Ban		#29:
	04.71	Location services (LCS) stage 3	R1998	7.2.0		G2	-			THOMASEN, Gert	Was SMG2 till TSG#6;	#28:
	04.72	Call Deflection (CD) Supplementary Service; Stage 3	R1998	7.0.0		N4	-	HABERMANN, Steffen	Deuts	KYMALAINEN, Kimmo		#27:
	04.80	Mobile Radio Interface Layer 3 - Supplementary Services	R1998	7.4.0		N4	-	...		KYMALAINEN, Kimmo		#28:
	04.81	Line Identification Supplementary Services ; Stage 3	R1998	7.0.1		N4	-	...		KYMALAINEN, Kimmo		#29:
	04.82	Call Forwarding (CF) Supplementary Services - Stage 3	R1998	7.0.2		N4	-	POTHS, Annette	MANN	KYMALAINEN, Kimmo		#28:
	04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary	R1998	7.0.1		N4	-	SHARP, Iain	NORT	KYMALAINEN, Kimmo		#29:
	04.84	Multi Party (MPY) Supplementary Services ; Stage 3	R1998	7.0.1		N4	-	HABERMANN, Steffen	Deuts	KYMALAINEN, Kimmo		#29:
	04.85	Closed User Group (CUG) Supplementary Services ; Stage	R1998	7.0.0		N4	-	...		KYMALAINEN, Kimmo		#29:
	04.86	Advice of Charge (AoC) Supplementary Services ; Stage 3	R1998	7.0.1		N4	-	...		KYMALAINEN, Kimmo		#29:
	04.87	User-to-User Signalling (UUS) Supplementary Service	R1998	7.0.2		N4	-	...		KYMALAINEN, Kimmo		#28:
	04.88	Call Barring (CB) Supplementary Services ; Stage 3	R1998	7.0.0		N4	-	HAMEL, Eric	Franc	KYMALAINEN, Kimmo		#29:
	04.90	Unstructured Supplementary Service Data (USSD)	R1998	7.0.1		N4	-	...		KYMALAINEN, Kimmo		#29:
	04.91	Explicit Call Transfer (ECT) Supplementary Service ; Stage	R1998	7.0.1		N4	-	DZUBAN, Stanislav	SIEM	KYMALAINEN, Kimmo		#29:
	04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3	R1998	7.0.0		N4	-	HÄMÄLÄINEN, Pekka	NOKI	KYMALAINEN, Kimmo		#29:
	04.96	Name Identification Supplementary Services; Stage 3	R1998	7.0.0		N4	-			KYMALAINEN, Kimmo		#29:
	05.01	Physical Layer on the Radio Path (General Description)	R1998	7.1.0		GP	-	ANDERSEN, Niels Peter	MOTO	USAI, Paolino		#28:
	05.02	Multiplexing and Multiple Access on the Radio Path	R1998	7.6.1		GP	-	...		USAI, Paolino		#28:
	05.03	Channel Coding	R1998	7.4.0		GP	-	...		USAI, Paolino		#28:
	05.04	Modulation	R1998	7.1.0		GP	-	REINER, Michaël	AEG	USAI, Paolino		#29:
	05.05	Radio Transmission and Reception	R1998	7.5.0		GP	-	CHARLES, Jean Pierre	Franc	USAI, Paolino		#28:
	05.08	Radio Subsystem Link Control	R1998	7.6.1		GP	-	WHITE, Phil	VODA	USAI, Paolino		GER
	05.09	Link Adaptation	R1998	7.4.0		GP	-	...		USAI, Paolino		#28:
	05.10	Radio subsystem synchronization	R1998	7.4.0		GP	-	BENN, Howard	MOTO	USAI, Paolino		GER
TR	05.14	Release independent frequency bands; Implementation	R1998	7.0.0		G1	G2	KANGAS, Antti	NOKI	USAI, Paolino	Originally allocated as	Origi
TR	05.22	Radio link management in hierarchical networks	R1998	7.0.0		GP	-	...		USAI, Paolino		.
TR	05.50	Background for RF Requirements	R1998	7.4.0		GP	-	...		USAI, Paolino		#26:
	05.56	CTS-FP Radio Sub-system	R1998	7.1.0		GP	-	...		USAI, Paolino		#28:
	06.01	Full Rate Speech Processing Functions	R1998	7.0.2		S4	-	USAI, Paolino	ETSI	USAI, Paolino		#28:
	06.02	Half Rate Speech Processing Functions	R1998	7.0.2		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#28:

	06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate	R1998	7.0.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#29:
	06.07	Half Rate Speech: Test Sequence for GSM Half Rate	R1998	7.0.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#29:
TR	06.08	Half Rate Speech; Performance Characterization of the	R1998	7.0.0		S4	-	SALEM, Tarek	Deuts	USAI, Paolino		#29:
	06.10	Full Rate Speech Transcoding	R1998	7.1.0		S4	-	LORENZ, Dietmar	PHILI	USAI, Paolino		#28:
	06.11	Substitution and Muting of Lost Frames for Full Rate	R1998	7.0.1		S4	-	NAVARRO, William	NORT	USAI, Paolino		#29:
	06.12	Comfort Noise Aspects for Full Rate Speech Traffic	R1998	7.0.1		S4	-	SERENO, Daniele	TELE	USAI, Paolino		#29:
	06.20	Half Rate Speech Transcoding	R1998	7.0.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#29:
	06.21	Half rate speech; Substitution and muting of lost frames for	R1998	7.0.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#29:
	06.22	Comfort Noise Aspects for Half Rate Speech Traffic	R1998	7.0.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#29:
	06.31	Discontinuous Transmission (DTX) for Full Rate Speech	R1998	7.0.1		S4	-	...		USAI, Paolino		#29:
	06.32	Voice Activity Detection (VAD)	R1998	7.0.1		S4	-	BARRETT, Paul	BT	USAI, Paolino		#29:
	06.41	Discontinuous Transmission (DTX) for Half Rate Speech	R1998	7.0.1		S4	-	...		USAI, Paolino		#29:
	06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic	R1998	7.0.1		S4	-	BARRETT, Paul	BT	USAI, Paolino		#29:
	06.51	GSM Enhanced full rate speech processing functions:	R1998	7.2.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#28:
	06.53	ANSI-C code for the GSM Enhanced full rate speech codec	R1998	7.0.1		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#29:
	06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	R1998	7.2.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#29:
TR	06.55	Performance characterisation of the GSM EFR Speech	R1998	7.0.0		S4	-	SALEM, Tarek	Deuts	USAI, Paolino		#29:
	06.60	Enhanced full rate speech transcoding	R1998	7.0.2		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#28:
	06.61	Substitution and muting of lost frames for enhanced full rate	R1998	7.0.1		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#29:
	06.62	Comfort noise aspects for Enhanced Full Rate (EFR)	R1998	7.0.1		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#29:
	06.71	Adaptive Multi-Rate speech processing functions; General	R1998	7.0.2		S4	-	...		USAI, Paolino	SMG11->S4 at SMG#30	#28:
	06.73	ANSI-C code for the GSM Adaptive Multi Rate (AMR)	R1998	7.4.0		S4	-	...		USAI, Paolino	SMG11->S4 at SMG#30	#28:
	06.74	Test sequences for the GSM Adaptive Multi Rate (AMR)	R1998	7.0.2		S4	-	...		USAI, Paolino	SMG11->S4 at SMG#30	#28:
TR	06.75	AMR performan characterisation	R1998	7.2.0		S4	-	...		USAI, Paolino	SMG11->S4 at SMG#30	SMG
TR	06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase	R1998	7.0.0		S4	-	...		USAI, Paolino	New at SMG#31. Then	#31:1
	06.81	Discontinuous Transmission (DTX) for enhanced full rate	R1998	7.1.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#29:
	06.82	Voice Activity Detection (VAD) for enhanced full rate	R1998	7.0.1		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#29:
TR	06.85	Subjective tests on the interoperability of the HR/FR/EFR	R1998	7.0.0		S4	-	...		USAI, Paolino		#29:
	06.90	Adaptive Multi-Rate speech transcoding	R1998	7.2.0		S4	-	...		USAI, Paolino	SMG11->S4 at SMG#30	#28:
	06.91	Substitution and muting of lost frames for AMR speech	R1998	7.1.0		S4	-	...		USAI, Paolino	SMG11->S4 at SMG#30	#28:
	06.92	Comfort noise aspects for Adaptive Multi-Rate speech	R1998	7.1.1		S4	-	...		USAI, Paolino	SMG11->S4 at SMG#30	#28:
	06.93	Discontinuous Transmission (DTX) for Adaptive Multi-Rate	R1998	7.5.0		S4	-	...		USAI, Paolino	SMG11->S4 at SMG#30	#28:
	06.94	Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR)	R1998	7.1.1		S4	-	...		USAI, Paolino	SMG11->S4 at SMG#30	#28:
	07.01	General on Terminal Adaptation Functions (TAF) for Mobile	R1998	7.1.1		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#27:
	07.02	Terminal Adaptation Functions (TAF) for Services Using	R1998	7.0.1		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#27:
	07.03	Terminal Adaptation Functions (TAF) for Services Using	R1998	7.0.0		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#29:
	07.05	Use of Data Terminal Equipment - Data Circuit Terminating	R1998	7.0.1		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#28:
	07.07	AT Command set for GSM Mobile Equipment (ME)	R1998	7.5.0	Jun 00	T2	-	NOVAK, Lars	Telefo	RODERMUND, Friedhelm		#26:
	07.10	Terminal Equipment to Mobile Station (TE-MS) multiplexer	R1998	7.1.0		T2	-	NOVAK, Lars	Telefo	RODERMUND, Friedhelm		#29:
	07.60	General Packet Radio Service (GPRS); Mobile Station (MS)	R1998	7.1.0		N3	-	HEATON, Graham	RTS	BOSWARTHICK, David		#29:
	08.01	General Aspects on the BSS-MSC Interface	R1998	7.0.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#29:
	08.02	Base Station System - Mobile Services Switching Centre	R1998	7.0.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#29:
	08.04	Base Station System - Mobile Services Switching Centre	R1998	7.0.1		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#28:

	08.06	Signalling Transport Mechanism Specification for the Base	R1998	7.0.1		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#28:
	08.08	Mobile Switching Centre - Base Station system (MSC-BSS)	R1998	7.7.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#25:
	08.14	General Packet Radio Service (GPRS); Base Station	R1998	7.0.1		G2	-	...		THOMASEN, Gert		#28:
	08.16	General Packet Radio Service (GPRS); Base Station	R1998	7.1.0		G2	-	...		THOMASEN, Gert		#28:
	08.18	General Packet Radio Service (GPRS); Base Station	R1998	7.3.1		G2	-	...		THOMASEN, Gert		#29:
	08.20	Rate Adaptation on the Base Station System - Mobile	R1998	7.0.1		N3	-	RÄSÄNEN, Juha	NOKI	BOSWARTHICK, David		#27:
TS	08.31	Location Services LCS: Serving Mobile Location Centre -	R1998	7.0.1		G2	-			THOMASEN, Gert		#30 i
	08.51	Base Station Controller - Base Tranceiver Station (BSC-	R1998	7.0.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#29:
	08.52	Base Station Controller - Base Tranceiver Station (BSC-	R1998	7.0.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#29:
	08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	R1998	7.0.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#29:
	08.56	BSC-BTS Layer 2 Specification	R1998	7.0.0		G2	-	ANDERSEN, Harald	ERIC	THOMASEN, Gert		#29:
	08.58	Base Station Controler - Base Transceiver Station (BCS-	R1998	7.4.1		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#28:
	08.60	Inband Control of Remote Transcoders and Rate Adaptors	R1998	7.2.1		GP	-	...		USAI, Paolino		#29:
	08.61	Inband Control of Remote Transcoder and Rate	R1998	7.2.1		GP	NP	JACOB, Petra	SIEM	USAI, Paolino		#29:
	08.62	Inband Tandem Free Operation (TFO) of Speech Codecs;	R1998	7.1.1		S4	-	...		USAI, Paolino	SMG11->S4 at SMG#30	#28:
	08.71	Location services (LCS) SMLC-BSS interface L 3	R1998	7.4.0		G2	-			THOMASEN, Gert		#29:
TR	09.01	General Network Interworking Scenarios	R1998	7.0.0		N4	-	...		KYMALAINEN, Kimmo		#29:
	09.02	Mobile Application Part (MAP) Specification	R1998	7.7.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo	CN->N4 Apr00 (JMM)	#28:
	09.03	Signalling Requirements on Interworking between the	R1998	7.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#29:
	09.04	Interworking between the Public Land Mobile Network	R1998	7.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#29:
	09.05	Interworking between the PLMN and the PSPDN for PAD	R1998	7.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#29:
	09.06	Interworking between a Public Land Mobile Network	R1998	7.0.0		N3	-	BRAUN, Achim	ALCA	BOSWARTHICK, David	N3: "no R99 needed".	#29:
	09.07	General Requirements on Interworking between the Public	R1998	7.2.0		N3	-	KLEHN, Norbert	SIEM	BOSWARTHICK, David		#27:
	09.08	Application of the Base Station System Application Part	R1998	7.2.0		N1	-	VACANT,		AL -BAKRI, Ban		#29:
	09.10	Information Element Mapping between Mobile Station -	R1998	7.1.0		N4	-	...		KYMALAINEN, Kimmo		#29:
	09.11	Signalling Interworking for Supplementary Services	R1998	7.0.1		N4	-	HAMEL, Eric	Franc	KYMALAINEN, Kimmo		#28:
	09.13	Signalling interworking between ISDN supplementary	R1998	7.0.0		N4	-	CHOTAI, Sunil	BT	KYMALAINEN, Kimmo		#29:
	09.14	Application of ISUP Version 3 for the ISDN-PLMN	R1998	7.0.2		SPAN	N4	...			EN 302 646	(SPA
	09.16	General Packet Radio Service (GPRS); Serving GPRS	R1998	7.0.1		N1	-	MILLS, Duncan	VODA	AL -BAKRI, Ban		#28:
	09.18	General Packet Radio Service (GPRS); Serving GPRS	R1998	7.3.0		N1	-	MILLS, Duncan	VODA	AL -BAKRI, Ban		#28:
	09.31	Location Services LCS Extension (BSSAP-LE)	R1998	7.4.0		G2	-			THOMASEN, Gert		#30 i
	09.60	General Packet Radio Service (GPRS); GPRS Tunnelling	R1998	7.6.0		N4	-	OLTEDAL, Einar	Telefo	KYMALAINEN, Kimmo		#28:
	09.61	General Packet Radio Service (GPRS); Interworking	R1998	7.2.0		N3	-	BRAUN, Achim	ALCA	BOSWARTHICK, David		#28:
	09.78	CAMEL Application Part phase 2 (stage 3)	R1998	7.1.0		N2	-	NOLDUS, Rogier	Telefo	JORGENSEN, Per Johan		#29:
	10.00	Digital Cellular Telecommunication System Feature	R1998	7D1.0		S2	-	BERGMANN, Ansgar	ETSI	SULTAN, Alain		#27:
	10.02	Guidelines for the modification of the Mobile Application	R1998	5.1.0		N4	-	...		KYMALAINEN, Kimmo		#21:
	10.56	Project scheduling and open issues: GSM Cordless	R1998	7.0.0		S2	-	GALLIGO, Michel	ALCA	SULTAN, Alain		#27:
	11.10-1	Mobile station (MS) conformance specification; Part1:	R1998	7.2.1		G4	S1 / GP /	...		SALMERON, Lidia	R99 version now serves	#29:
	11.11	Specification of the Subscriber Identity Module - Mobile	R1998	7.6.1		T3	-	GUTHERY, Scott B.	Mobile	SANDERS, Michael		#26:
	11.14	Specification of Subscriber Identity Module - Mobile	R1998	7.6.0		T3	-	WOODSEND, Kristian	ASPE	SANDERS, Michael		#26:
	11.17	SIM test specification	R1998	7.0.2		T3	-	BREMNER, David	ASPE	SANDERS, Michael		#28:
	11.18	Specification of the 1.8 Volt Subscriber Identity Module -	R1998	7.0.1		T3	-	LINDHOLM, Rune	NOKI	SANDERS, Michael		#25:
	11.19	CTS SIM Fixed Part	R1998	7.0.1		T3	-	HUBBE, Pascal	Alcate	SANDERS, Michael		#28:

	02.79	Support of Optimal Routeing (SOR); Service definition	R1997	6.0.0		S1	-	FREY, Sophie	CEGE	CLAYTON, Michael		#27:
	02.81	Line Identification Supplementary Services ; Stage 1	R1997	6.0.0		S1	-	BLOMSTRAND, Ola	TELIA	CLAYTON, Michael		#27:
	02.82	Call Forwarding (CF) Supplementary Services ; Stage 1	R1997	6.0.0		S1	-	CHICHMANIAN, Anouch	Franc	CLAYTON, Michael		#27:
	02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary	R1997	6.0.0		S1	-	...		CLAYTON, Michael		#27:
	02.84	MultiParty (MPTY) Supplementary Services ; Stage 1	R1997	6.0.0		S1	-	POSTMANN, Erwin	SIEM	CLAYTON, Michael		#27:
	02.85	Closed User Group (CUG) Supplementary Services ; Stage	R1997	6.0.0		S1	-	BLOMSTRAND, Ola	TELIA	CLAYTON, Michael		#27:
	02.86	Advice of Charge (AoC) Supplementary Services ; Stage 1	R1997	6.0.0		S1	-	CRAWFORD, Ian	VODA	CLAYTON, Michael		#27:
	02.88	Call Barring (CB) Supplementary Services ; Stage 1	R1997	6.0.0		S1	-	CONRAD, Alan	Deuts	CLAYTON, Michael		#27:
	02.90	Stage 1 Decision of Unstructured Supplementary Service	R1997	6.0.0		S1	-	SLOTTE, Sverre	NOKI	CLAYTON, Michael		#27:
	02.91	Explicit Call Transfer (ECT)	R1997	6.0.0		S1	-	POSTMANN, Erwin	SIEM	CLAYTON, Michael		#27:
	02.93	Completion of Calls to Busy Subscriber (CCBS) Service	R1997	6.0.1		S1	-	...		CLAYTON, Michael		#16:
	02.95	Digital cellular telecommunications system (Phase 2+);	R1997	6.0.0		S1	-	...		CLAYTON, Michael		#27:
	02.96	Name Identification Supplementary Services; Stage 1	R1997	6.0.1		S1	-			CLAYTON, Michael		#24:
	03.01	Network Functions	R1997	6.1.0		S2	NP	GAASVIK, Per-Ola	COMV	SULTAN, Alain	SMG3->SA2 @ TSG#7	#27:
	03.02	Network Architecture	R1997	6.1.0		S2	NP / T2	SULTAN, Alain	ETSI	SULTAN, Alain		#25:
	03.03	Numbering, Addressing and Identification	R1997	6.6.0		N4	T2	GAASVIK, Per-Ola	COMV	KYMALAINEN, Kimmo		#25:
TR	03.05	Technical performance objectives	R1997	6.0.0		NP	-	...		BOSWARTHICK, David		#27:
	03.07	Restoration Procedures	R1997	6.2.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		#25:
	03.08	Organization of Subscriber Data	R1997	6.5.0		N4	-	BAUER, Rolf	ALCA	KYMALAINEN, Kimmo		#25:
	03.09	Handover Procedures	R1997	6.0.0		N1	-	FARHOUMAND, Rouzbeh	Ericss	AL -BAKRI, Ban		#27:
	03.10	GSM Public Land Mobile Network (PLMN) Connection	R1997	6.0.0		N3	-	BRAUN, Achim	ALCA	BOSWARTHICK, David		#27:
	03.11	Technical Realization of Supplementary Services - General	R1997	6.0.1		N4	-	HABERMANN, Steffen	Deuts	KYMALAINEN, Kimmo		#27:
	03.12	Location Registration Procedures	R1997	6.0.0		N4	-	GAASVIK, Per-Ola	COMV	KYMALAINEN, Kimmo		#27:
	03.13	Discontinuous Reception (DRX) in the GSM System	R1997	6.0.0		GP	-	...		USAI, Paolino		#27:
	03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF)	R1997	6.0.0		N1	-	...		AL -BAKRI, Ban		#27:
	03.15	Technical Realization of Operator Determined Barring	R1997	6.1.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		#26:
	03.16	Subscriber Data Management	R1997	6.5.0		N4	-	DETTNER, Harald	SIEM	KYMALAINEN, Kimmo		#25:
	03.18	Basic Call Handling	R1997	6.7.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		#25:
	03.20	Security-related Network Functions	R1997	6.1.0		S3	NP / GP	NGUYEN NGOC,	Franc	POPE, Maurice		#25:
	03.22	Functions Related to Mobile Station (MS) in Idle Mode	R1997	6.2.0		G2	N1	HOWELL, Andrew	MOTO	THOMASEN, Gert	Moved from SMG3 Jan	#26:
TR	03.26	Multiband operation of GSM/DCS 1800 by a single operator	R1997	6.0.0		GP	NP	...		USAI, Paolino		#27:
TR	03.30	Radio Network Planning Aspects	R1997	6.0.1		GP	-	STEVENS, Peter John	One 2	USAI, Paolino		#26:
	03.32	Universal Geographical Area Description (GAD)	R1997	6.0.0		S2	-	...		SULTAN, Alain		#27:
	03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	R1997	6.0.0		N1	-	MUHONEN, Janne	NOKI	AL -BAKRI, Ban		#27:
	03.38	Alphabets and Language Specific Information for GSM	R1997	6.0.1		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#25:
	03.40	Technical Realization of the Short Message Service (SMS)	R1997	6.1.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#23:
	03.41	Technical Realization of Short Message Service Cell	R1997	6.1.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#25:
	03.42	SMS Compression	R1997	6.0.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#27:
TR	03.43	Support of Videotex	R1997	6.0.0		T2	-	DI TRIA, Paolo	CSEL	RODERMUND, Friedhelm		#27:
TR	03.44	Support of Teletex in a GSM Public Land Mobile Network	R1997	6.0.0		T2	-	...		RODERMUND, Friedhelm		#27:
	03.45	Technical Realization of Facsimile Group 3 Service -	R1997	6.0.1		N3	-	...		BOSWARTHICK, David		#27:
	03.46	Technical Realization of Facsimile Group 3 Service - non	R1997	6.0.0		N3	-	...		BOSWARTHICK, David		#27:
TR	03.47	Example Protocol Stacks for Interconnecting Service	R1997	6.0.0		T2	-	...		RODERMUND, Friedhelm		#27:

	03.48	Security Mechanisms for SIM Toolkit Application ; Stage 2	R1997	6.2.0		T3	-	BARNES, Nigel	MOTO	SANDERS, Michael	SMG9->T3@#31	#25:
TR	03.49	Example protocol stacks for interconnecting Cell Broadcast	R1997	6.1.0		T2	-	MEREDITH, Andrew	MOTO	RODERMUND, Friedhelm		#25:
	03.50	Transmission Planning Aspects of the Speech Service in	R1997	6.2.0		S4	-	USAI, Paolino	ETSI	USAI, Paolino		#27:
	03.54	Description for the use of a Shared Inter Working Function	R1997	6.0.0		N3	-	ROSTÖ, Tommy	TELIA	BOSWARTHICK, David		#27:
TR	03.58	Characterisation, test methods and quality assessment for	R1997	6.0.1		S4	-	MONFORT, Jean-Yves	Franc	USAI, Paolino		#23:
	03.60	General Packet Radio Service (GPRS) Service description;	R1997	6.7.0		S2	-	NAPER, Hans Petter	MOTO	SULTAN, Alain		#23:
	03.63	Packet Data on Signalling channels service (PDS) Service	R1997	6.0.0		N1	-	JACOBSON, Dieter	Deuts	AL -BAKRI, Ban		#27:
	03.64	Overall description of the GPRS radio interface; Stage 2	R1997	6.4.0		G2	-	...		THOMASEN, Gert		#23:
	03.67	Enhanced Multi-Level Precedence and Preemption Service	R1997	6.1.0		N4	-	MÜNNING, Dirk	DETE	KYMALAINEN, Kimmo		#27:
	03.68	Voice Group Call Service (VGCS); Stage 2	R1997	6.3.0		N1	-			AL -BAKRI, Ban		#25:
	03.69	Voice Broadcast service (VBS); Stage 2	R1997	6.3.0		N1	-	MÜNNING, Dirk	DETE	AL -BAKRI, Ban		#25:
	03.70	Routeing of Calls to/from Public Data Networks (PDN)	R1997	6.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#27:
	03.78	CAMEL Phase 2; Stage 2	R1997	6.8.0		N2	-	LANTELME, Isabelle	ALCA	JORGENSEN, Per Johan		#25:
	03.79	Support of Optimal Routing phase 1; Stage 2	R1997	6.3.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		#27:
	03.81	Line Identification Supplementary Services; Stage 2	R1997	6.0.0		N4	-	...		KYMALAINEN, Kimmo		#27:
	03.82	Call Forwarding (CF) Supplementary Services; Stage 2	R1997	6.1.0		N4	-	POTHS, Annette	MANN	KYMALAINEN, Kimmo		#27:
	03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary	R1997	6.0.0		N4	-	SHARP, Iain	NORT	KYMALAINEN, Kimmo		#27:
	03.84	Multi Party (MPPTY) Supplementary Services; Stage 2	R1997	6.0.0		N4	-	HABERMANN, Steffen	Deuts	KYMALAINEN, Kimmo		#27:
	03.85	Closed user Group (CUG) Supplementary Services; Stage	R1997	6.0.0		N4	-	...		KYMALAINEN, Kimmo		#27:
	03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	R1997	6.0.1		N4	-	...		KYMALAINEN, Kimmo		#27:
	03.88	Call Barring (CB) supplementary services ; Stage 2	R1997	6.0.0		N4	-	HAMEL, Eric	Franc	KYMALAINEN, Kimmo		#27:
	03.90	Unstructured Supplementary Service Data (USSD)	R1997	6.0.0		N4	-	CHOTAI, Sunil	BT	KYMALAINEN, Kimmo		#27:
	03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage	R1997	6.0.0		N4	-	DZUBAN, Stanislav	SIEM	KYMALAINEN, Kimmo		#27:
	03.93	Technical realization of Completion of Calls to Busy	R1997	6.2.0		N4	-	HÄMÄLÄINEN, Pekka	NOKI	KYMALAINEN, Kimmo		#25:
	03.96	Name Identification Supplementary Services; Stage 2	R1997	6.0.1		N4	-			KYMALAINEN, Kimmo		#24:
	04.01	Mobile Station - Base Station System (MS - BSS) Interface	R1997	6.0.0		N1	-	AVELINE, Sophie	Franc	AL -BAKRI, Ban		#27:
	04.02	GSM Public Land Mobile Network (PLMN) Access	R1997	6.0.0		N1	-			AL -BAKRI, Ban		#27:
	04.03	Mobile Station - Base Station System (MS - BSS) Interface	R1997	6.0.0		G2	-	THOMAS, Rémi	Franc	THOMASEN, Gert		#25:
	04.04	Layer 1 - General Requirements	R1997	6.0.0		G2	-	THOMAS, Rémi	Franc	THOMASEN, Gert		#25:
	04.05	Data Link (DL) Layer General Aspects	R1997	6.0.1		G2	-	...		THOMASEN, Gert		#27:
	04.06	Mobile Station - Base Stations System (MS - BSS) Interface	R1997	6.2.0		G2	-	...		THOMASEN, Gert		#27:
	04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	R1997	6.5.1		N1	-	HOWELL, Andrew	MOTO	AL -BAKRI, Ban		#25:
	04.08	Mobile radio interface layer 3 specification	R1997	6.13.0		N1	G2	HOWELL, Andrew	MOTO	AL -BAKRI, Ban	04.08 will remain as an	#25:
	04.10	Mobile Radio Interface Layer 3 - Supplementary Services	R1997	6.0.1		N4	-	SHARP, Iain	NORT	KYMALAINEN, Kimmo		#25:
	04.11	Point-to-Point (PP) Short Message Service (SMS) Support	R1997	6.1.0		N1	-	NOBUYUKI, Uda	NTT	AL -BAKRI, Ban		#25:
	04.12	Short Message Service Cell Broadcast (SMSCB) Support	R1997	6.0.1		G2	T2	PUDNEY, Chris	VODA	THOMASEN, Gert		#27:
	04.13	Performance Requirements on Mobile Radio Interface	R1997	6.0.1		N1	-	MILLS, Duncan	VODA	AL -BAKRI, Ban		#27:
	04.14	Individual equipment type requirements and interworking;	R1997	6.2.0		G2	-	HOWELL, Andrew	MOTO	THOMASEN, Gert		#27:
	04.21	Rate Adaption on the Mobile Station - Base Station System	R1997	6.1.0		N3	-	RÄSÄNEN, Juha	NOKI	BOSWARTHICK, David		#27:
	04.22	Radio Link Protocol for Data and Telematic Services on the	R1997	6.2.0		N3	-	KLEHN, Norbert	SIEM	BOSWARTHICK, David		#26:
	04.60	General Packet Radio Service (GPRS); Mobile Station (MS)	R1997	6.b.0		G2	-	...		THOMASEN, Gert		#25:
	04.63	Packet Data on Signalling channels Service (PDS) Service	R1997	6.0.0		N1	-	JACOBSON, Dieter	Deuts	AL -BAKRI, Ban		#27:
	04.64	Mobile Station - Serving GPRS Support Node (MS-SGSN)	R1997	6.8.0		N1	-	SALKINTZIS, Apostolis	MOTO	AL -BAKRI, Ban		#23:

TS	04.65	Mobile Station (MS) - Serving GPRS Support Node	R1997	6.7.0		N1	-	SALKINTZIS, Apostolis	MOTO	AL -BAKRI, Ban	24.065 existed, but	#23:
	04.67	Enhanced Multi-Level Precedence and Pre-emption service	R1997	6.0.1		N4	-	MÜNNING, Dirk	DETE	KYMALAINEN, Kimmo		#27:
	04.68	Group Call Control (GCC) Protocol	R1997	6.3.0		N1	-			AL -BAKRI, Ban		#27:
	04.69	Broadcast Call Control (BCC) protocol	R1997	6.3.0		N1	-			AL -BAKRI, Ban		#27:
	04.80	Mobile Radio Interface Layer 3 - Supplementary Services	R1997	6.1.1		N4	-	...		KYMALAINEN, Kimmo		#25:
	04.81	Line Identification Supplementary Services ; Stage 3	R1997	6.0.1		N4	-	...		KYMALAINEN, Kimmo		#27:
	04.82	Call Forwarding (CF) Supplementary Services - Stage 3	R1997	6.0.1		N4	-	POTHS, Annette	MANN	KYMALAINEN, Kimmo		#27:
	04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary	R1997	6.0.1		N4	-	SHARP, Iain	NORT	KYMALAINEN, Kimmo		#27:
	04.84	Multi Party (MPTY) Supplementary Services ; Stage 3	R1997	6.0.1		N4	-	HABERMANN, Steffen	Deuts	KYMALAINEN, Kimmo		#27:
	04.85	Closed User Group (CUG) Supplementary Services ; Stage	R1997	6.0.0		N4	-	...		KYMALAINEN, Kimmo		#27:
	04.86	Advice of Charge (AoC) Supplementary Services ; Stage 3	R1997	6.0.1		N4	-	...		KYMALAINEN, Kimmo		#27:
	04.88	Call Barring (CB) Supplementary Services ; Stage 3	R1997	6.0.1		N4	-	HAMEL, Eric	Franc	KYMALAINEN, Kimmo		#25:
	04.90	Unstructured Supplementary Service Data (USSD)	R1997	6.0.1		N4	-	...		KYMALAINEN, Kimmo		#27:
	04.91	Explicit Call Transfer (ECT) Supplementary Service ; Stage	R1997	6.0.1		N4	-	DZUBAN, Stanislav	SIEM	KYMALAINEN, Kimmo		#27:
	04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3	R1997	6.1.1		N4	-	HÄMÄLÄINEN, Pekka	NOKI	KYMALAINEN, Kimmo		#25:
	04.96	Name Identification Supplementary Services; Stage 3	R1997	6.0.1		N4	-			KYMALAINEN, Kimmo		#24:
	05.01	Physical Layer on the Radio Path (General Description)	R1997	6.1.1		GP	-	ANDERSEN, Niels Peter	MOTO	USAI, Paolino		#24:
	05.02	Multiplexing and Multiple Access on the Radio Path	R1997	6.9.0		GP	-	...		USAI, Paolino		#24:
	05.03	Channel Coding	R1997	6.2.1		GP	-	...		USAI, Paolino		#24:
	05.04	Modulation	R1997	6.1.0		GP	-	REINER, Michaël	AEG	USAI, Paolino		#27:
	05.05	Radio Transmission and Reception	R1997	6.8.0		GP	-	CHARLES, Jean Pierre	Franc	USAI, Paolino		#24:
	05.08	Radio Subsystem Link Control	R1997	6.9.0		GP	-	WHITE, Phil	VODA	USAI, Paolino		. GE
	05.10	Radio subsystem synchronization	R1997	6.7.0		GP	-	BENN, Howard	MOTO	USAI, Paolino		#24:
TR	05.14	Release independent frequency bands; Implementation	R1997	6.0.0		G1	G2	KANGAS, Antti	NOKI	USAI, Paolino	Originally allocated as	Orig
TR	05.22	Radio link management in hierarchical networks	R1997	6.0.0		GP	-	...		USAI, Paolino		#27:
TR	05.50	Background for RF Requirements	R1997	6.1.0		GP	-	...		USAI, Paolino		#24:
	06.01	Full Rate Speech Processing Functions	R1997	6.0.1		S4	-	USAI, Paolino	ETSI	USAI, Paolino		#27:
	06.02	Half Rate Speech Processing Functions	R1997	6.0.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#27:
	06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate	R1997	6.0.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#27:
	06.07	Half Rate Speech: Test Sequence for GSM Half Rate	R1997	6.0.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#27:
TR	06.08	Half Rate Speech; Performance Characterization of the	R1997	6.0.0		S4	-	SALEM, Tarek	Deuts	USAI, Paolino		#27:
	06.10	Full Rate Speech Transcoding	R1997	6.1.0		S4	-	LORENZ, Dietmar	PHILI	USAI, Paolino		#27:
	06.11	Substitution and Muting of Lost Frames for Full Rate	R1997	6.0.1		S4	-	NAVARRO, William	NORT	USAI, Paolino		#27:
	06.12	Comfort Noise Aspects for Full Rate Speech Traffic	R1997	6.0.1		S4	-	SERENO, Daniele	TELE	USAI, Paolino		#27:
	06.20	Half Rate Speech Transcoding	R1997	6.0.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#27:
	06.21	Half rate speech; Substitution and muting of lost frames for	R1997	6.0.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#27:
	06.22	Comfort Noise Aspects for Half Rate Speech Traffic	R1997	6.0.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#27:
	06.31	Discontinuous Transmission (DTX) for Full Rate Speech	R1997	6.0.1		S4	-	...		USAI, Paolino		#27:
	06.32	Voice Activity Detection (VAD)	R1997	6.0.1		S4	-	BARRETT, Paul	BT	USAI, Paolino		#27:
	06.41	Discontinuous Transmission (DTX) for Half Rate Speech	R1997	6.0.1		S4	-	...		USAI, Paolino		#27:
	06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic	R1997	6.0.1		S4	-	BARRETT, Paul	BT	USAI, Paolino		#27:
	06.51	GSM Enhanced full rate speech processing functions:	R1997	6.2.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#27:
	06.53	ANSI-C code for the GSM Enhanced full rate speech codec	R1997	6.0.1		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#27:

	06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	R1997	6.2.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#27:
TR	06.55	Performance characterisation of the GSM EFR Speech	R1997	6.0.0		S4	-	SALEM, Tarek	Deuts	USAI, Paolino		#27:
	06.60	Enhanced full rate speech transcoding	R1997	6.0.1		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#27:
	06.61	Substitution and muting of lost frames for enhanced full rate	R1997	6.0.1		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#27:
	06.62	Comfort noise aspects for Enhanced Full Rate (EFR)	R1997	6.0.1		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#27:
	06.81	Discontinuous Transmission (DTX) for enhanced full rate	R1997	6.1.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#27:
	06.82	Voice Activity Detection (VAD) for enhanced full rate	R1997	6.0.1		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#27:
TR	06.85	Subjective tests on the interoperability of the HR/FR/EFR	R1997	6.0.0		S4	-	...		USAI, Paolino		#27:
	07.01	General on Terminal Adaptation Functions (TAF) for Mobile	R1997	6.1.0		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#27:
	07.02	Terminal Adaptation Functions (TAF) for Services Using	R1997	6.0.0		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#26:
	07.03	Terminal Adaptation Functions (TAF) for Services Using	R1997	6.0.0		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#26:
	07.05	Use of Data Terminal Equipment - Data Circuit Terminating	R1997	6.0.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#27:
	07.07	AT Command set for GSM Mobile Equipment (ME)	R1997	6.4.0		T2	-	NOVAK, Lars	Telefo	RODERMUND, Friedhelm		#25:
	07.10	Terminal Equipment to Mobile Station (TE-MS) multiplexer	R1997	6.4.0		T2	-	NOVAK, Lars	Telefo	RODERMUND, Friedhelm		#25:
	07.60	General Packet Radio Service (GPRS); Mobile Station (MS)	R1997	6.5.0		N3	-	HEATON, Graham	RTS	BOSWARTHICK, David		#25:
	08.01	General Aspects on the BSS-MSC Interface	R1997	6.0.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#27:
	08.02	Base Station System - Mobile Services Switching Centre	R1997	6.0.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#27:
	08.04	Base Station System - Mobile Services Switching Centre	R1997	6.0.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#27:
	08.06	Signalling Transport Mechanism Specification for the Base	R1997	6.0.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#27:
	08.08	Mobile Switching Centre - Base Station system (MSC-BSS)	R1997	6.5.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#31b
	08.14	General Packet Radio Service (GPRS); Base Station	R1997	6.0.0		G2	-	...		THOMASEN, Gert		#24:
	08.16	General Packet Radio Service (GPRS); Base Station	R1997	6.3.0		G2	-	...		THOMASEN, Gert		#24:
	08.18	General Packet Radio Service (GPRS); Base Station	R1997	6.7.1		G2	-	...		THOMASEN, Gert		#24:
	08.20	Rate Adaptation on the Base Station System - Mobile	R1997	6.0.0		N3	-	RÄSÄNEN, Juha	NOKI	BOSWARTHICK, David		#27:
	08.51	Base Station Controller - Base Transceiver Station (BSC-	R1997	6.0.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#27:
	08.52	Base Station Controller - Base Transceiver Station (BSC-	R1997	6.0.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#27:
	08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	R1997	6.0.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#27:
	08.56	BSC-BTS Layer 2 Specification	R1997	6.0.0		G2	-	ANDERSEN, Harald	ERIC	THOMASEN, Gert		#27:
	08.58	Base Station Controller - Base Transceiver Station (BCS-	R1997	6.3.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#25:
	08.60	Inband Control of Remote Transcoders and Rate Adaptors	R1997	6.0.1		GP	-	...		USAI, Paolino		#27:
	08.61	Inband Control of Remote Transcoder and Rate	R1997	6.0.1		GP	NP	JACOB, Petra	SIEM	USAI, Paolino		#27:
TR	09.01	General Network Interworking Scenarios	R1997	6.0.0		N4	-	...		KYMALAINEN, Kimmo		#27:
	09.02	Mobile Application Part (MAP) Specification	R1997	6.10.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo	CN->N4 Apr00 (JMM)	#24:
	09.03	Signalling Requirements on Interworking between the	R1997	6.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#27:
	09.04	Interworking between the Public Land Mobile Network	R1997	6.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#27:
	09.05	Interworking between the PLMN and the PSPDN for PAD	R1997	6.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#27:
	09.06	Interworking between a Public Land Mobile Network	R1997	6.0.0		N3	-	BRAUN, Achim	ALCA	BOSWARTHICK, David	N3: "no R99 needed".	#27:
	09.07	General Requirements on Interworking between the Public	R1997	6.2.0		N3	-	KLEHN, Norbert	SIEM	BOSWARTHICK, David		#27:
	09.08	Application of the Base Station System Application Part	R1997	6.0.0		N1	-	VACANT,		AL -BAKRI, Ban		#27:
	09.10	Information Element Mapping between Mobile Station -	R1997	6.1.0		N4	-	...		KYMALAINEN, Kimmo		#25:
	09.11	Signalling Interworking for Supplementary Services	R1997	6.0.0		N4	-	HAMEL, Eric	Franc	KYMALAINEN, Kimmo		#26:
	09.13	Signalling interworking between ISDN supplementary	R1997	6.0.0		N4	-	CHOTAI, Sunil	BT	KYMALAINEN, Kimmo		#27:
	09.16	General Packet Radio Service (GPRS); Serving GPRS	R1997	6.1.0		N1	-	MILLS, Duncan	VODA	AL -BAKRI, Ban		#25:

	02.69	Voice Broadcast Service (VBS) ; Stage 1	R1996	5.2.1		S1	-	GILES, Les	Global	CLAYTON, Michael		#16:
	02.78	Customized Applications for Mobile network Enhanced	R1996	5.6.0		S1	-	KLEIER, Stephan	MANN	CLAYTON, Michael		#19:
	02.79	Support of Optimal Routeing (SOR); Service definition	R1996	5.2.0		S1	-	FREY, Sophie	CEGE	CLAYTON, Michael		#19:
	02.81	Line Identification Supplementary Services ; Stage 1	R1996	5.1.0		S1	-	BLOMSTRAND, Ola	TELIA	CLAYTON, Michael		#20:
	02.82	Call Forwarding (CF) Supplementary Services ; Stage 1	R1996	5.0.0		S1	-	CHICHMANIAN, Anouch	Franc	CLAYTON, Michael		#16:
	02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary	R1996	5.0.0		S1	-	...		CLAYTON, Michael		#20:
	02.84	MultiParty (MPTY) Supplementary Services ; Stage 1	R1996	5.0.0		S1	-	POSTMANN, Erwin	SIEM	CLAYTON, Michael		#20:
	02.85	Closed User Group (CUG) Supplementary Services ; Stage	R1996	5.0.0		S1	-	BLOMSTRAND, Ola	TELIA	CLAYTON, Michael		#20:
	02.86	Advice of Charge (AoC) Supplementary Services ; Stage 1	R1996	5.0.0		S1	-	CRAWFORD, Ian	VODA	CLAYTON, Michael		#20:
	02.88	Call Barring (CB) Supplementary Services ; Stage 1	R1996	5.0.0		S1	-	CONRAD, Alan	Deuts	CLAYTON, Michael		#20:
	02.90	Stage 1 Decision of Unstructured Supplementary Service	R1996	5.1.0		S1	-	SLOTTE, Sverre	NOKI	CLAYTON, Michael		#20:
	02.91	Explicit Call Transfer (ECT)	R1996	5.1.1		S1	-	POSTMANN, Erwin	SIEM	CLAYTON, Michael		#16:
	02.95	Digital cellular telecommunications system (Phase 2+);	R1996	5.2.0		S1	-	...		CLAYTON, Michael		#16:
	03.01	Network Functions	R1996	5.1.0		S2	NP	GAASVIK, Per-Ola	COMV	SULTAN, Alain	SMG3->SA2 @ TSG#7	#17:
	03.02	Network Architecture	R1996	5.3.0		S2	NP / T2	SULTAN, Alain	ETSI	SULTAN, Alain		#17:
	03.03	Numbering, Addressing and Identification	R1996	5.4.0		N4	T2	GAASVIK, Per-Ola	COMV	KYMALAINEN, Kimmo		#17:
TR	03.05	Technical performance objectives	R1996	5.0.0		NP	-	...		BOSWARTHICK, David		#20:
	03.07	Restoration Procedures	R1996	5.1.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		#20:
	03.08	Organization of Subscriber Data	R1996	5.2.0		N4	-	BAUER, Rolf	ALCA	KYMALAINEN, Kimmo		#18:
	03.09	Handover Procedures	R1996	5.1.0		N1	-	FARHOUMAND, Rouzbeh	Ericss	AL -BAKRI, Ban		#18:
	03.10	GSM Public Land Mobile Network (PLMN) Connection	R1996	5.4.0		N3	-	BRAUN, Achim	ALCA	BOSWARTHICK, David		#16:
	03.11	Technical Realization of Supplementary Services - General	R1996	5.0.1		N4	-	HABERMANN, Steffen	Deuts	KYMALAINEN, Kimmo		#20:
	03.12	Location Registration Procedures	R1996	5.0.0		N4	-	GAASVIK, Per-Ola	COMV	KYMALAINEN, Kimmo		#20:
	03.13	Discontinuous Reception (DRX) in the GSM System	R1996	5.0.0		GP	-	...		USAI, Paolino		#17:
	03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF)	R1996	5.0.0		N1	-	...		AL -BAKRI, Ban		#20:
	03.15	Technical Realization of Operator Determined Barring	R1996	5.1.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		#16:
	03.16	Subscriber Data Management	R1996	5.3.0		N4	-	DETTNER, Harald	SIEM	KYMALAINEN, Kimmo		#18:
	03.18	Basic Call Handling	R1996	5.6.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		#21:
	03.20	Security-related Network Functions	R1996	5.2.1		S3	NP / GP	NGUYEN NGOC,	Franc	POPE, Maurice		#20:
	03.22	Functions Related to Mobile Station (MS) in Idle Mode	R1996	5.3.1		G2	N1	HOWELL, Andrew	MOTO	THOMASEN, Gert	Moved from SMG3 Jan	#20:
TR	03.26	Multiband operation of GSM/DCS 1800 by a single operator	R1996	5.2.0		GP	NP	...		USAI, Paolino		#20:
TR	03.30	Radio Network Planning Aspects	R1996	5.0.0		GP	-	STEVENS, Peter John	One 2	USAI, Paolino		#20:
	03.32	Universal Geographical Area Description (GAD)	R1996	5.2.0		S2	-	...		SULTAN, Alain		#23:
	03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	R1996	5.2.0		N1	-	MUHONEN, Janne	NOKI	AL -BAKRI, Ban		#21:
	03.38	Alphabets and Language Specific Information for GSM	R1996	5.6.1		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#16:
	03.40	Technical Realization of the Short Message Service (SMS)	R1996	5.8.1		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#16:
	03.41	Technical Realization of Short Message Service Cell	R1996	5.9.1		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#16:
	03.42	SMS Compression	R1996	5.2.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#21:
TR	03.43	Support of Videotex	R1996	5.0.0		T2	-	DI TRIA, Paolo	CSEL	RODERMUND, Friedhelm		#20:
TR	03.44	Support of Teletex in a GSM Public Land Mobile Network	R1996	5.0.0		T2	-	...		RODERMUND, Friedhelm		#20:
	03.45	Technical Realization of Facsimile Group 3 Service -	R1996	5.2.1		N3	-	...		BOSWARTHICK, David		#20:
	03.46	Technical Realization of Facsimile Group 3 Service - non	R1996	5.0.0		N3	-	...		BOSWARTHICK, David		#20:
TR	03.47	Example Protocol Stacks for Interconnecting Service	R1996	5.0.0		T2	-	...		RODERMUND, Friedhelm		#20:

TR	03.49	Example protocol stacks for interconnecting Cell Broadcast	R1996	5.7.0		T2	-	MEREDITH, Andrew	MOTO	RODERMUND, Friedhelm		#16:
	03.50	Transmission Planning Aspects of the Speech Service in	R1996	5.4.0		S4	-	USAI, Paolino	ETSI	USAI, Paolino		#17:
	03.54	Description for the use of a Shared Inter Working Function	R1996	5.2.0		N3	-	ROSTÖ, Tommy	TELIA	BOSWARTHICK, David		#23:
	03.63	Packet Data on Signalling channels service (PDS) Service	R1996	5.1.0		N1	-	JACOBSON, Dieter	Deuts	AL -BAKRI, Ban		#16:
	03.67	Enhanced Multi-Level Precedence and Preemption Service	R1996	5.1.1		N4	-	MÜNNING, Dirk	DETE	KYMALAINEN, Kimmo		#16:
	03.68	Voice Group Call Service (VGCS); Stage 2	R1996	5.5.1		N1	-			AL -BAKRI, Ban		#16:
	03.69	Voice Broadcast service (VBS); Stage 2	R1996	5.5.1		N1	-	MÜNNING, Dirk	DETE	AL -BAKRI, Ban		#16:
	03.70	Routeing of Calls to/from Public Data Networks (PDN)	R1996	5.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#20:
	03.78	CAMEL Phase 2; Stage 2	R1996	5.8.0		N2	-	LANTELME, Isabelle	ALCA	JORGENSEN, Per Johan		#21:
	03.79	Support of Optimal Routing phase 1; Stage 2	R1996	5.5.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		#21:
	03.81	Line Identification Supplementary Services; Stage 2	R1996	5.2.0		N4	-	...		KYMALAINEN, Kimmo		#20:
	03.82	Call Forwarding (CF) Supplementary Services; Stage 2	R1996	5.0.0		N4	-	POTHS, Annette	MANN	KYMALAINEN, Kimmo		#20:
	03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary	R1996	5.0.0		N4	-	SHARP, Iain	NORT	KYMALAINEN, Kimmo		#20:
	03.84	Multi Party (MPTY) Supplementary Services; Stage 2	R1996	5.0.0		N4	-	HABERMANN, Steffen	Deuts	KYMALAINEN, Kimmo		#20:
	03.85	Closed user Group (CUG) Supplementary Services; Stage	R1996	5.0.0		N4	-	...		KYMALAINEN, Kimmo		#20:
	03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	R1996	5.0.1		N4	-	...		KYMALAINEN, Kimmo		#20:
	03.88	Call Barring (CB) supplementary services ; Stage 2	R1996	5.0.0		N4	-	HAMEL, Eric	Franc	KYMALAINEN, Kimmo		#20:
	03.90	Unstructured Supplementary Service Data (USSD)	R1996	5.0.0		N4	-	CHOTAI, Sunil	BT	KYMALAINEN, Kimmo		#20:
	03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage	R1996	5.0.2		N4	-	DZUBAN, Stanislav	SIEM	KYMALAINEN, Kimmo		#16:
	04.01	Mobile Station - Base Station System (MS - BSS) Interface	R1996	5.0.0		N1	-	AVELINE, Sophie	Franc	AL -BAKRI, Ban		#20:
	04.02	GSM Public Land Mobile Network (PLMN) Access	R1996	5.0.0		N1	-			AL -BAKRI, Ban		#18:
	04.03	Mobile Station - Base Station System (MS - BSS) Interface	R1996	5.3.0		G2	-	THOMAS, Rémi	Franc	THOMASEN, Gert		#18:
	04.04	Layer 1 - General Requirements	R1996	5.1.0		G2	-	THOMAS, Rémi	Franc	THOMASEN, Gert		#20:
	04.05	Data Link (DL) Layer General Aspects	R1996	5.0.1		G2	-	...		THOMASEN, Gert		#20:
	04.06	Mobile Station - Base Stations System (MS - BSS) Interface	R1996	5.4.1		G2	-	...		THOMASEN, Gert		#20:
	04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	R1996	5.3.0		N1	-	HOWELL, Andrew	MOTO	AL -BAKRI, Ban		#16:
	04.08	Mobile radio interface layer 3 specification	R1996	5.i.1		N1	G2	HOWELL, Andrew	MOTO	AL -BAKRI, Ban	04.08 will remain as an	. GE
	04.10	Mobile Radio Interface Layer 3 - Supplementary Services	R1996	5.0.1		N4	-	SHARP, Iain	NORT	KYMALAINEN, Kimmo		#20:
	04.11	Point-to-Point (PP) Short Message Service (SMS) Support	R1996	5.3.0		N1	-	NOBUYUKI, Uda	NTT	AL -BAKRI, Ban		#16:
	04.12	Short Message Service Cell Broadcast (SMSCB) Support	R1996	5.0.2		G2	T2	PUDNEY, Chris	VODA	THOMASEN, Gert		#19:
	04.13	Performance Requirements on Mobile Radio Interface	R1996	5.1.1		N1	-	MILLS, Duncan	VODA	AL -BAKRI, Ban		#18:
	04.14	Individual equipment type requirements and interworking;	R1996	5.1.0		G2	-	HOWELL, Andrew	MOTO	THOMASEN, Gert		#26:
	04.21	Rate Adaption on the Mobile Station - Base Station System	R1996	5.7.0		N3	-	RÄSÄNEN, Juha	NOKI	BOSWARTHICK, David		#20:
	04.22	Radio Link Protocol for Data and Telematic Services on the	R1996	5.6.0		N3	-	KLEHN, Norbert	SIEM	BOSWARTHICK, David		#16:
	04.63	Packet Data on Signalling channels Service (PDS) Service	R1996	5.0.0		N1	-	JACOBSON, Dieter	Deuts	AL -BAKRI, Ban		#18:
	04.67	Enhanced Multi-Level Precedence and Pre-emption service	R1996	5.0.1		N4	-	MÜNNING, Dirk	DETE	KYMALAINEN, Kimmo		#20:
	04.68	Group Call Control (GCC) Protocol	R1996	5.5.0		N1	-			AL -BAKRI, Ban		#18:
	04.69	Broadcast Call Control (BCC) protocol	R1996	5.5.0		N1	-			AL -BAKRI, Ban		#20:
	04.80	Mobile Radio Interface Layer 3 - Supplementary Services	R1996	5.3.1		N4	-	...		KYMALAINEN, Kimmo		#18:
	04.81	Line Identification Supplementary Services ; Stage 3	R1996	5.0.1		N4	-	...		KYMALAINEN, Kimmo		#20:
	04.82	Call Forwarding (CF) Supplementary Services - Stage 3	R1996	5.0.1		N4	-	POTHS, Annette	MANN	KYMALAINEN, Kimmo		#20:
	04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary	R1996	5.0.1		N4	-	SHARP, Iain	NORT	KYMALAINEN, Kimmo		#20:
	04.84	Multi Party (MPTY) Supplementary Services ; Stage 3	R1996	5.0.1		N4	-	HABERMANN, Steffen	Deuts	KYMALAINEN, Kimmo		#20:

	04.85	Closed User Group (CUG) Supplementary Services ; Stage	R1996	5.0.0		N4	-	...		KYMALAINEN, Kimmo	#20:
	04.86	Advice of Charge (AoC) Supplementary Services ; Stage 3	R1996	5.0.1		N4	-	...		KYMALAINEN, Kimmo	#20:
	04.88	Call Barring (CB) Supplementary Services ; Stage 3	R1996	5.1.1		N4	-	HAMEL, Eric	Franc	KYMALAINEN, Kimmo	#20:
	04.90	Unstructured Supplementary Service Data (USSD)	R1996	5.0.1		N4	-	...		KYMALAINEN, Kimmo	#20:
	04.91	Explicit Call Transfer (ECT) Supplementary Service ; Stage	R1996	5.1.2		N4	-	DZUBAN, Stanislav	SIEM	KYMALAINEN, Kimmo	#16:
	05.01	Physical Layer on the Radio Path (General Description)	R1996	5.4.0		GP	-	ANDERSEN, Niels Peter	MOTO	USAI, Paolino	#18:
	05.02	Multiplexing and Multiple Access on the Radio Path	R1996	5.9.0		GP	-	...		USAI, Paolino	#18:
	05.03	Channel Coding	R1996	5.6.0		GP	-	...		USAI, Paolino	#17:
	05.04	Modulation	R1996	5.1.1		GP	-	REINER, Michaël	AEG	USAI, Paolino	#20:
	05.05	Radio Transmission and Reception	R1996	5.d.0		GP	-	CHARLES, Jean Pierre	Franc	USAI, Paolino	#17:
	05.08	Radio Subsystem Link Control	R1996	5.a.0		GP	-	WHITE, Phil	VODA	USAI, Paolino	#18:
	05.10	Radio subsystem synchronization	R1996	5.4.1		GP	-	BENN, Howard	MOTO	USAI, Paolino	#18:
TR	05.22	Radio link management in hierarchical networks	R1996	5.0.0		GP	-	...		USAI, Paolino	#20:
TR	05.50	Background for RF Requirements	R1996	5.1.1		GP	-	...		USAI, Paolino	#20:
	06.01	Full Rate Speech Processing Functions	R1996	5.1.1		S4	-	USAI, Paolino	ETSI	USAI, Paolino	#20:
	06.02	Half Rate Speech Processing Functions	R1996	5.0.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino	#20:
	06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate	R1996	5.1.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino	#20:
	06.07	Half Rate Speech: Test Sequence for GSM Half Rate	R1996	5.2.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino	#20:
TR	06.08	Half Rate Speech; Performance Characterization of the	R1996	5.0.0		S4	-	SALEM, Tarek	Deuts	USAI, Paolino	#20:
	06.10	Full Rate Speech Transcoding	R1996	5.2.0		S4	-	LORENZ, Dietmar	PHILI	USAI, Paolino	#20:
	06.11	Substitution and Muting of Lost Frames for Full Rate	R1996	5.0.1		S4	-	NAVARRO, William	NORT	USAI, Paolino	#20:
	06.12	Comfort Noise Aspects for Full Rate Speech Traffic	R1996	5.0.1		S4	-	SERENO, Daniele	TELE	USAI, Paolino	#20:
	06.20	Half Rate Speech Transcoding	R1996	5.1.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino	#20:
	06.21	Half rate speech; Substitution and muting of lost frames for	R1996	5.0.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino	#20:
	06.22	Comfort Noise Aspects for Half Rate Speech Traffic	R1996	5.1.0		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino	#20:
	06.31	Discontinuous Transmission (DTX) for Full Rate Speech	R1996	5.0.1		S4	-	...		USAI, Paolino	#20:
	06.32	Voice Activity Detection (VAD)	R1996	5.0.3		S4	-	BARRETT, Paul	BT	USAI, Paolino	#20:
	06.41	Discontinuous Transmission (DTX) for Half Rate Speech	R1996	5.1.1		S4	-	...		USAI, Paolino	#20:
	06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic	R1996	5.0.1		S4	-	BARRETT, Paul	BT	USAI, Paolino	#20:
	06.51	GSM Enhanced full rate speech processing functions:	R1996	5.3.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino	#17:
	06.53	ANSI-C code for the GSM Enhanced full rate speech codec	R1996	5.1.3		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino	#17:
	06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	R1996	5.3.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino	#20:
TR	06.55	Performance characterisation of the GSM EFR Speech	R1996	5.0.0		S4	-	SALEM, Tarek	Deuts	USAI, Paolino	#19:
	06.60	Enhanced full rate speech transcoding	R1996	5.2.1		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino	#17:
	06.61	Substitution and muting of lost frames for enhanced full rate	R1996	5.1.2		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino	#17:
	06.62	Comfort noise aspects for Enhanced Full Rate (EFR)	R1996	5.1.3		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino	#17:
	06.81	Discontinuous Transmission (DTX) for enhanced full rate	R1996	5.2.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino	#17:
	06.82	Voice Activity Detection (VAD) for enhanced full rate	R1996	5.0.3		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino	#17:
TR	06.85	Subjective tests on the interoperability of the HR/FR/EFR	R1996	5.0.0		S4	-	...		USAI, Paolino	#26:
	07.01	General on Terminal Adaptation Functions (TAF) for Mobile	R1996	5.9.1		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David	#16:
	07.02	Terminal Adaptation Functions (TAF) for Services Using	R1996	5.5.1		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David	#16:
	07.03	Terminal Adaptation Functions (TAF) for Services Using	R1996	5.4.1		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David	#18:
	07.05	Use of Data Terminal Equipment - Data Circuit Terminating	R1996	5.5.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm	#19:

	07.07	AT Command set for GSM Mobile Equipment (ME)	R1996	5.9.1		T2	-	NOVAK, Lars	Telefo	RODERMUND, Friedhelm		#19:
	07.08	GSM Application Programming Interface	R1996	5.2.1		T2	-	...		RODERMUND, Friedhelm		#20:
	07.60	General Packet Radio Service (GPRS); Mobile Station (MS)	R1996	5.1.0		N3	-	HEATON, Graham	RTS	BOSWARTHICK, David		#24:
	08.01	General Aspects on the BSS-MSC Interface	R1996	5.0.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#20:
	08.02	Base Station System - Mobile Services Switching Centre	R1996	5.1.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#20:
	08.04	Base Station System - Mobile Services Switching Centre	R1996	5.0.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#20:
	08.06	Signalling Transport Mechanism Specification for the Base	R1996	5.3.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#17:
	08.08	Mobile Switching Centre - Base Station system (MSC-BSS)	R1996	5.c.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		.
	08.20	Rate Adaptation on the Base Station System - Mobile	R1996	5.3.0		N3	-	RÄSÄNEN, Juha	NOKI	BOSWARTHICK, David		#20:
	08.51	Base Station Controller - Base Transceiver Station (BSC-	R1996	5.0.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#20:
	08.52	Base Station Controller - Base Transceiver Station (BSC-	R1996	5.0.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#20:
	08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	R1996	5.0.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#16:
	08.56	BSC-BTS Layer 2 Specification	R1996	5.0.0		G2	-	ANDERSEN, Harald	ERIC	THOMASEN, Gert		#20:
	08.58	Base Station Controller - Base Transceiver Station (BCS-	R1996	5.a.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#16:
	08.60	Inband Control of Remote Transcoders and Rate Adaptors	R1996	5.1.1		GP	-	...		USAI, Paolino		#17:
	08.61	Inband Control of Remote Transcoder and Rate	R1996	5.0.1		GP	NP	JACOB, Petra	SIEM	USAI, Paolino		#20:
TR	09.01	General Network Interworking Scenarios	R1996	5.0.0		N4	-	...		KYMALAINEN, Kimmo		#20:
	09.02	Mobile Application Part (MAP) Specification	R1996	5.g.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo	CN->N4 Apr00 (JMM)	#16:
	09.03	Signalling Requirements on Interworking between the	R1996	5.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#20:
	09.04	Interworking between the Public Land Mobile Network	R1996	5.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#20:
	09.05	Interworking between the PLMN and the PSPDN for PAD	R1996	5.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#20:
	09.06	Interworking between a Public Land Mobile Network	R1996	5.0.2		N3	-	BRAUN, Achim	ALCA	BOSWARTHICK, David	N3: "no R99 needed".	#19:
	09.07	General Requirements on Interworking between the Public	R1996	5.a.0		N3	-	KLEHN, Norbert	SIEM	BOSWARTHICK, David		#16:
	09.08	Application of the Base Station System Application Part	R1996	5.1.0		N1	-	VACANT,		AL -BAKRI, Ban		#20:
	09.10	Information Element Mapping between Mobile Station -	R1996	5.2.0		N4	-	...		KYMALAINEN, Kimmo		#17:
	09.11	Signalling Interworking for Supplementary Services	R1996	5.1.0		N4	-	HAMEL, Eric	Franc	KYMALAINEN, Kimmo		#18:
	09.78	CAMEL Application Part phase 2 (stage 3)	R1996	5.7.0		N2	-	NOLDUS, Rogier	Telefo	JORGENSEN, Per Johan		#21:
TR	09.90	Interworking between Phase 1 Infrastructure and Phase 2	R1996	5.1.0		N1	-	HOWELL, Andrew	MOTO	AL -BAKRI, Ban		#17:
	10.00	Digital Cellular Telecommunication System Feature	R1996	5.2.1		S2	-	BERGMANN, Ansgar	ETSI	SULTAN, Alain		#19:
TR	10.14	System Overview for 14.4 kbit/s Work Item	R1996	5.0.0		S2	-	...		SULTAN, Alain	still alive?	#22:
TR	10.66	Support of Mobile Number Portability (MNP); Project plan	R1996	5.0.0	Mar 01	S1	-	TARAZI, Roger	EDP	CLAYTON, Michael		.
	10.68	Introduction to the services: enhanced Multi-Level	R1996	5.0.0		S2	-	VAN DER AREND, Peter	KPN -	SULTAN, Alain		#21:
	11.10-1	Mobile station (MS) conformance specification; Part1:	R1996	5.b.1		G4	S1 / GP /	...		SALMERON, Lidia	R99 version now serves	#18:
	11.10-3	Mobile Station (MS) Conformance Specification; Part 3:	R1996	5.0.1		G4	S1 / GP /	...		SALMERON, Lidia		#30:
	11.10-4	Mobile Station (MS) Conformance Specification; Part 4:	R1996	5.2.0		G4	-	SALMERON, Lidia	ETSI	SALMERON, Lidia		#30:5
	11.11	Specification of the Subscriber Identity Module - Mobile	R1996	5.a.1		T3	-	GUTHERY, Scott B.	Mobile	SANDERS, Michael		#16:
	11.14	Specification of Subscriber Identity Module - Mobile	R1996	5.9.0		T3	-	WOODSEND, Kristian	ASPE	SANDERS, Michael		#18:
	11.21	GSM Radio Aspects Base Station System Equipment	R1996	5.4.1		G3	-	BUSIN, Ake	Telefo	RODERMUND, Friedhelm		#23:
	11.26	GSM Repeater Equipment Specification	R1996	5.2.1		G3	-	BUSIN, Ake	Telefo	RODERMUND, Friedhelm		.
	12.02	Subscriber, Mobile Equipment (ME) and Services Data	R1996	5.0.1		S5	S1	...		ZOICAS, Adrian		#22:
	12.05	Subscriber Related Call and Event Data	R1996	5.0.1		S5	S1	SJÖBLOM, Kai	NOKI	ZOICAS, Adrian		#23:
	12.08	Subscriber and Equipment trace	R1996	5.1.1		S5	NP	SJÖBLOM, Kai	NOKI	ZOICAS, Adrian		#23:
	12.21	Network Management (NM) Procedures and Messages on	R1996	5.0.0		S5	GP	YUHAN, Albert	Voice	ZOICAS, Adrian		#21:

	03.11	Technical Realization of Supplementary Services - General	Ph2	4.a.1		N4	-	HABERMANN, Steffen	Deuts	KYMALAINEN, Kimmo		#7: 4
	03.12	Location Registration Procedures	Ph2	4.4.2		N4	-	GAASVIK, Per-Ola	COMV	KYMALAINEN, Kimmo		#7: 4
	03.13	Discontinuous Reception (DRX) in the GSM System	Ph2	4.0.4		GP	-	...		USAI, Paolino		#7: 4
	03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF)	Ph2	4.1.1		N1	-	...		AL -BAKRI, Ban		#7: 4
	03.15	Technical Realization of Operator Determined Barring	Ph2	4.3.1		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		#7: 4
	03.16	Subscriber Data Management	Ph2	4.2.1		N4	-	DETTNER, Harald	SIEM	KYMALAINEN, Kimmo		#14:
	03.20	Security-related Network Functions	Ph2	4.4.1		S3	NP / GP	NGUYEN NGOC,	Franc	POPE, Maurice		#7: 4
	03.22	Functions Related to Mobile Station (MS) in Idle Mode	Ph2	4.b.0		G2	N1	HOWELL, Andrew	MOTO	THOMASEN, Gert	Moved from SMG3 Jan	#7: 4
TR	03.26	Multiband operation of GSM/DCS 1800 by a single operator	Ph2	4.3.0		GP	NP	...		USAI, Paolino		#18:
TR	03.30	Radio Network Planning Aspects	Ph2	4.3.0		GP	-	STEVENS, Peter John	One 2	USAI, Paolino		#7: 4
	03.38	Alphabets and Language Specific Information for GSM	Ph2	4.0.1		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#10:
	03.40	Technical Realization of the Short Message Service (SMS)	Ph2	4.d.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#7: 4
	03.41	Technical Realization of Short Message Service Cell	Ph2	4.b.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#7: 4
TR	03.43	Support of Videotex	Ph2	4.1.2		T2	-	DI TRIA, Paolo	CSEL	RODERMUND, Friedhelm		#7: 4
TR	03.44	Support of Teletex in a GSM Public Land Mobile Network	Ph2	4.0.1		T2	-	...		RODERMUND, Friedhelm		#7: 4
	03.45	Technical Realization of Facsimile Group 3 Service -	Ph2	4.5.0		N3	-	...		BOSWARTHICK, David		#7: 4
	03.46	Technical Realization of Facsimile Group 3 Service - non	Ph2	4.1.2		N3	-	...		BOSWARTHICK, David		#7: 4
TR	03.47	Example Protocol Stacks for Interconnecting Service	Ph2	4.4.0		T2	-	...		RODERMUND, Friedhelm		#7: 4
TR	03.49	Example protocol stacks for interconnecting Cell Broadcast	Ph2	4.6.0		T2	-	MEREDITH, Andrew	MOTO	RODERMUND, Friedhelm		#7: 4
	03.50	Transmission Planning Aspects of the Speech Service in	Ph2	4.6.1		S4	-	USAI, Paolino	ETSI	USAI, Paolino		#8: 4
	03.70	Routeing of Calls to/from Public Data Networks (PDN)	Ph2	4.0.3		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#7: 4
	03.81	Line Identification Supplementary Services; Stage 2	Ph2	4.8.1		N4	-	...		KYMALAINEN, Kimmo		#7: 4
	03.82	Call Forwarding (CF) Supplementary Services; Stage 2	Ph2	4.8.1		N4	-	POTHS, Annette	MANN	KYMALAINEN, Kimmo		#7: 4
	03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary	Ph2	4.4.1		N4	-	SHARP, Iain	NORT	KYMALAINEN, Kimmo		#7: 4
	03.84	Multi Party (MPPTY) Supplementary Services; Stage 2	Ph2	4.4.1		N4	-	HABERMANN, Steffen	Deuts	KYMALAINEN, Kimmo		#7: 4
	03.85	Closed user Group (CUG) Supplementary Services; Stage	Ph2	4.2.1		N4	-	...		KYMALAINEN, Kimmo		#7: 4
	03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	Ph2	4.6.1		N4	-	...		KYMALAINEN, Kimmo		#7: 4
	03.88	Call Barring (CB) supplementary services ; Stage 2	Ph2	4.6.1		N4	-	HAMEL, Eric	Franc	KYMALAINEN, Kimmo		#7: 4
	03.90	Unstructured Supplementary Service Data (USSD)	Ph2	4.1.1		N4	-	CHOTAI, Sunil	BT	KYMALAINEN, Kimmo		#8: 4
	04.01	Mobile Station - Base Station System (MS - BSS) Interface	Ph2	4.0.4		N1	-	AVELINE, Sophie	Franc	AL -BAKRI, Ban		#7: 4
	04.02	GSM Public Land Mobile Network (PLMN) Access	Ph2	4.0.4		N1	-			AL -BAKRI, Ban		#7: 4
	04.03	Mobile Station - Base Station System (MS - BSS) Interface	Ph2	4.1.1		G2	-	THOMAS, Rémi	Franc	THOMASEN, Gert		#7: 4
	04.04	Layer 1 - General Requirements	Ph2	4.0.4		G2	-	THOMAS, Rémi	Franc	THOMASEN, Gert		#7: 4
	04.05	Data Link (DL) Layer General Aspects	Ph2	4.0.3		G2	-	...		THOMASEN, Gert		#7: 4
	04.06	Mobile Station - Base Stations System (MS - BSS) Interface	Ph2	4.4.0		G2	-	...		THOMASEN, Gert		#7: 4
	04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	Ph2	4.3.1		N1	-	HOWELL, Andrew	MOTO	AL -BAKRI, Ban		#7: 4
	04.08	Mobile radio interface layer 3 specification	Ph2	4.n.1		N1	G2	HOWELL, Andrew	MOTO	AL -BAKRI, Ban	04.08 will remain as an	#7: 4
	04.10	Mobile Radio Interface Layer 3 - Supplementary Services	Ph2	4.a.1		N4	-	SHARP, Iain	NORT	KYMALAINEN, Kimmo		#7: 4
	04.11	Point-to-Point (PP) Short Message Service (SMS) Support	Ph2	4.b.0		N1	-	NOBUYUKI, Uda	NTT	AL -BAKRI, Ban		#7: 4
	04.12	Short Message Service Cell Broadcast (SMSCB) Support	Ph2	4.6.0		G2	T2	PUDNEY, Chris	VODA	THOMASEN, Gert		#7: 4
	04.13	Performance Requirements on Mobile Radio Interface	Ph2	4.2.0		N1	-	MILLS, Duncan	VODA	AL -BAKRI, Ban		#10:
	04.21	Rate Adaption on the Mobile Station - Base Station System	Ph2	4.6.1		N3	-	RÄSÄNEN, Juha	NOKI	BOSWARTHICK, David		#7: 4
	04.22	Radio Link Protocol for Data and Telematic Services on the	Ph2	4.5.1		N3	-	KLEHN, Norbert	SIEM	BOSWARTHICK, David		#7: 4

	04.80	Mobile Radio Interface Layer 3 - Supplementary Services	Ph2	4.b.1		N4	-	...		KYMALAINEN, Kimmo		#7: 4
	04.81	Line Identification Supplementary Services ; Stage 3	Ph2	4.4.1		N4	-	...		KYMALAINEN, Kimmo		#7: 4
	04.82	Call Forwarding (CF) Supplementary Services - Stage 3	Ph2	4.9.1		N4	-	POTHS, Annette	MANN	KYMALAINEN, Kimmo		#7: 4
	04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary	Ph2	4.6.1		N4	-	SHARP, Iain	NORT	KYMALAINEN, Kimmo		#7: 4
	04.84	Multi Party (MPTY) Supplementary Services ; Stage 3	Ph2	4.3.2		N4	-	HABERMANN, Steffen	Deuts	KYMALAINEN, Kimmo		#7: 4
	04.85	Closed User Group (CUG) Supplementary Services ; Stage	Ph2	4.1.1		N4	-	...		KYMALAINEN, Kimmo		#7: 4
	04.86	Advice of Charge (AoC) Supplementary Services ; Stage 3	Ph2	4.5.2		N4	-	...		KYMALAINEN, Kimmo		#7: 4
	04.88	Call Barring (CB) Supplementary Services ; Stage 3	Ph2	4.7.1		N4	-	HAMEL, Eric	Franc	KYMALAINEN, Kimmo		#7: 4
	04.90	Unstructured Supplementary Service Data (USSD)	Ph2	4.1.1		N4	-	...		KYMALAINEN, Kimmo		#8: 4
	05.01	Physical Layer on the Radio Path (General Description)	Ph2	4.6.0		GP	-	ANDERSEN, Niels Peter	MOTO	USAI, Paolino		#7: 4
	05.02	Multiplexing and Multiple Access on the Radio Path	Ph2	4.a.1		GP	-	...		USAI, Paolino		#7: 4
	05.03	Channel Coding	Ph2	4.5.1		GP	-	...		USAI, Paolino		#7: 4
	05.04	Modulation	Ph2	4.0.3		GP	-	REINER, Michaël	AEG	USAI, Paolino		#7: 4
	05.05	Radio Transmission and Reception	Ph2	4.n.1		GP	-	CHARLES, Jean Pierre	Franc	USAI, Paolino		#7: 4
	05.08	Radio Subsystem Link Control	Ph2	4.m.1		GP	-	WHITE, Phil	VODA	USAI, Paolino		#7: 4
	05.10	Radio subsystem synchronization	Ph2	4.9.0		GP	-	BENN, Howard	MOTO	USAI, Paolino		#7: 4
TR	05.22	Radio link management in hierarchical networks	Ph2	4.0.0		GP	-	...		USAI, Paolino		#18:
TR	05.50	Background for RF Requirements	Ph2	4.2.0		GP	-	...		USAI, Paolino		#8: 4
	06.01	Full Rate Speech Processing Functions	Ph2	4.0.7		S4	-	USAI, Paolino	ETSI	USAI, Paolino		#7: 4
	06.02	Half Rate Speech Processing Functions	Ph2	4.0.2		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#13:
	06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate	Ph2	4.2.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#13:
	06.07	Half Rate Speech: Test Sequence for GSM Half Rate	Ph2	4.2.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#13:
TR	06.08	Half Rate Speech; Performance Characterization of the	Ph2	4.0.0		S4	-	SALEM, Tarek	Deuts	USAI, Paolino		#16:
	06.10	Full Rate Speech Transcoding	Ph2	4.2.0		S4	-	LORENZ, Dietmar	PHILI	USAI, Paolino		#7: 4
	06.11	Substitution and Muting of Lost Frames for Full Rate	Ph2	4.0.6		S4	-	NAVARRO, William	NORT	USAI, Paolino		#7: 4
	06.12	Comfort Noise Aspects for Full Rate Speech Traffic	Ph2	4.0.4		S4	-	SERENO, Daniele	TELE	USAI, Paolino		#7: 4
	06.20	Half Rate Speech Transcoding	Ph2	4.3.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#13:
	06.21	Half rate speech; Substitution and muting of lost frames for	Ph2	4.0.2		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#13:
	06.22	Comfort Noise Aspects for Half Rate Speech Traffic	Ph2	4.1.1		S4	-	AFTELAK, Steve	MOTO	USAI, Paolino		#13:
	06.31	Discontinuous Transmission (DTX) for Full Rate Speech	Ph2	4.0.5		S4	-	...		USAI, Paolino		#7: 4
	06.32	Voice Activity Detection (VAD)	Ph2	4.3.1		S4	-	BARRETT, Paul	BT	USAI, Paolino		#7: 4
	06.41	Discontinuous Transmission (DTX) for Half Rate Speech	Ph2	4.0.2		S4	-	...		USAI, Paolino		#13:
	06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic	Ph2	4.1.1		S4	-	BARRETT, Paul	BT	USAI, Paolino		#13:
	06.51	GSM Enhanced full rate speech processing functions:	Ph2	4.2.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#22:
	06.53	ANSI-C code for the GSM Enhanced full rate speech codec	Ph2	4.0.1		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#23:
	06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	Ph2	4.2.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#22:
TR	06.55	Performance characterisation of the GSM EFR Speech	Ph2	4.0.0		S4	-	SALEM, Tarek	Deuts	USAI, Paolino		#22:
	06.60	Enhanced full rate speech transcoding	Ph2	4.1.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#23:
	06.61	Substitution and muting of lost frames for enhanced full rate	Ph2	4.0.1		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#22:
	06.62	Comfort noise aspects for Enhanced Full Rate (EFR)	Ph2	4.0.1		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#23:
	06.81	Discontinuous Transmission (DTX) for enhanced full rate	Ph2	4.1.0		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#22:
	06.82	Voice Activity Detection (VAD) for enhanced full rate	Ph2	4.0.1		S4	-	JÄRVINEN, Kari	NOKI	USAI, Paolino		#22:
	07.01	General on Terminal Adaptation Functions (TAF) for Mobile	Ph2	4.a.0		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#7: 4

	07.02	Terminal Adaptation Functions (TAF) for Services Using	Ph2	4.5.1		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#7: 4
	07.03	Terminal Adaptation Functions (TAF) for Services Using	Ph2	4.5.1		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#7: 4
	07.05	Use of Data Terminal Equipment - Data Circuit Terminating	Ph2	4.8.1		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#7: 4
	07.07	AT Command set for GSM Mobile Equipment (ME)	Ph2	4.4.1		T2	-	NOVAK, Lars	Telefo	RODERMUND, Friedhelm		#16:
	08.01	General Aspects on the BSS-MSC Interface	Ph2	4.0.3		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#7: 4
	08.02	Base Station System - Mobile Services Switching Centre	Ph2	4.2.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#7: 4
	08.04	Base Station System - Mobile Services Switching Centre	Ph2	4.0.3		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#7: 4
	08.06	Signalling Transport Mechanism Specification for the Base	Ph2	4.5.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#7: 4
	08.08	Mobile Switching Centre - Base Station system (MSC-BSS)	Ph2	4.c.1		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#7: 4
	08.20	Rate Adaptation on the Base Station System - Mobile	Ph2	4.2.3		N3	-	RÄSÄNEN, Juha	NOKI	BOSWARTHICK, David		#7: 4
	08.51	Base Station Controller - Base Transceiver Station (BSC-	Ph2	4.1.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#7: 4
	08.52	Base Station Controller - Base Transceiver Station (BSC-	Ph2	4.2.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#7: 4
	08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	Ph2	4.1.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#7: 4
	08.56	BSC-BTS Layer 2 Specification	Ph2	4.0.2		G2	-	ANDERSEN, Harald	ERIC	THOMASEN, Gert		#8: 4
	08.58	Base Station Controller - Base Transceiver Station (BCS-	Ph2	4.9.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#7: 4
	08.60	Inband Control of Remote Transcoders and Rate Adaptors	Ph2	4.4.1		GP	-	...		USAI, Paolino		#7: 4
	08.61	Inband Control of Remote Transcoder and Rate	Ph2	4.0.2		GP	NP	JACOB, Petra	SIEM	USAI, Paolino		#13:
TR	09.01	General Network Interworking Scenarios	Ph2	4.0.1		N4	-	...		KYMALAINEN, Kimmo		#8: 4
	09.02	Mobile Application Part (MAP) Specification	Ph2	4.j.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo	CN->N4 Apr00 (JMM)	#7: 4
	09.03	Signalling Requirements on Interworking between the	Ph2	4.0.3		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#8: 4
	09.04	Interworking between the Public Land Mobile Network	Ph2	4.0.2		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#7: 4
	09.05	Interworking between the PLMN and the PSPDN for PAD	Ph2	4.4.2		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	#7: 4
	09.06	Interworking between a Public Land Mobile Network	Ph2	4.5.0		N3	-	BRAUN, Achim	ALCA	BOSWARTHICK, David	N3: "no R99 needed".	#7: 4
	09.07	General Requirements on Interworking between the Public	Ph2	4.d.1		N3	-	KLEHN, Norbert	SIEM	BOSWARTHICK, David		#7: 4
	09.08	Application of the Base Station System Application Part	Ph2	4.1.1		N1	-	VACANT,		AL -BAKRI, Ban		#9: 4
	09.10	Information Element Mapping between Mobile Station -	Ph2	4.4.1		N4	-	...		KYMALAINEN, Kimmo		#8: 4
	09.11	Signalling Interworking for Supplementary Services	Ph2	4.6.1		N4	-	HAMEL, Eric	Franc	KYMALAINEN, Kimmo		#7: 4
	09.12	Application of ISUP Version 2 for the ISDN-PLMN (GSM)	Ph2	4.2.2		SPAN	N4	...			EN 300 646	#17:
TR	09.90	Interworking between Phase 1 Infrastructure and Phase 2	Ph2	4.9.0		N1	-	HOWELL, Andrew	MOTO	AL -BAKRI, Ban		#7: 4
	09.91	Interworking Aspects of the SIM/ME Interface Between	Ph2	4.0.1		T3	-	GUTHERY, Scott B.	Mobile	SANDERS, Michael		#10:
TR	09.94	Recommended Infrastructure Measures to Overcome	Ph2	4.5.0		N1	-	CHOTAI, Sunil	BT	AL -BAKRI, Ban	v4.x.x belongs to all	#14:
	11.10-1	Mobile station (MS) conformance specification; Part1:	Ph2	4.s.1		G4	S1 / GP /	...		SALMERON, Lidia	R99 version now serves	#16:
	11.10-2	Mobile station (MS) conformance specification; Part 2:	Ph2	4.f.0		G4	S1 / GP /	...		SALMERON, Lidia		#16:
	11.10-3	Mobile Station (MS) Conformance Specification; Part 3:	Ph2	4.30.0		G4	S1 / GP /	...		SALMERON, Lidia		#16:
	11.11	Specification of the Subscriber Identity Module - Mobile	Ph2	4.l.1		T3	-	GUTHERY, Scott B.	Mobile	SANDERS, Michael		#7: 4
	11.21	GSM Radio Aspects Base Station System Equipment	Ph2	4.e.1		G3	-	BUSIN, Ake	Telefo	RODERMUND, Friedhelm		#11:
TR	11.22	GSM Base Station and Ancillary Equipment, Physical and	Ph2	4.2.0		G3	-	BUSIN, Ake	Telefo	RODERMUND, Friedhelm		.
	11.23	GSM Signalling Aspects Base Station System equipment	Ph2	4.9.1		G3	-	BUSIN, Ake	Telefo	RODERMUND, Friedhelm		#11:
	11.24	GSM Transcoding and Rate Adaptation: Base Station	Ph2	4.3.1		G3	-	BUSIN, Ake	Telefo	RODERMUND, Friedhelm		#14:
	11.26	GSM Repeater Equipment Specification	Ph2	4.2.2		G3	-	BUSIN, Ake	Telefo	RODERMUND, Friedhelm		#15:
	12.00	Objectives and Structure of GSM Public Land Mobile	Ph2	4.6.0		S5	-	...		ZOICAS, Adrian		#7: 4
	12.01	Common Aspects of Public Land Mobile Network (PLMN)	Ph2	4.4.1		S5	NP	...		ZOICAS, Adrian		#7: 4
	12.02	Subscriber, Mobile Equipment (ME) and Services Data	Ph2	4.6.1		S5	S1	...		ZOICAS, Adrian		#7: 4

TR	01.04	Abbreviations and Acronyms	Ph1	3.0.1		GP	-	CLAYTON, Michael	ETSI	USAI, Paolino		.
	02.01	Principles of Telecommunication Services Supported by a	Ph1	3.2.0		S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael		.
	02.02	Bearer Services (BS) Supported by a GSM Public Land	Ph1	3.2.0		S1	-	RICHARDS, Denise	Lucen	CLAYTON, Michael		.
	02.03	Teleservices Supported by a GSM Public Land Mobile	Ph1	3.4.0		S1	-	CONRAD, Alan	Deuts	CLAYTON, Michael		.
	02.04	General on Supplementary Services	Ph1	3.7.1		S1	-	RICHARDS, Denise	Lucen	CLAYTON, Michael		.
	02.06	Types of Mobile Stations (MS)	Ph1	3.2.0		S1	-	JEAL, David	VODA	CLAYTON, Michael		.
	02.07	Mobile Station (MS) Features	Ph1	3.4.1		S1	-	JEAL, David	VODA	CLAYTON, Michael		.
	02.09	Security Aspects	Ph1	3.1.0		S3	S1 / NP	CHRISTOFFERSSON,	TELIA	POPE, Maurice		#6b:
	02.11	Service Accessibility	Ph1	3.7.0		S1	-	CHICHMANIAN, Anouch	Franc	CLAYTON, Michael		#4: 3
	02.16	International Mobile Station Equipment Identities (IMEI)	Ph1	3.0.1		S1	-	CHICHMANIAN, Anouch	Franc	CLAYTON, Michael		.
	02.17	Subscriber Identity Modules, Functional Characteristics	Ph1	3.2.0		T3	S1	HOOKER, Philip	ORAN	SANDERS, Michael		.
	02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	Ph1	3.9.0		S1		JEAL, David	VODA	CLAYTON, Michael		.
	02.40	Procedures for Call Progress Indications	Ph1	3.2.0		S1	NP	DWYER, Paul	NORT	CLAYTON, Michael	R99 -> 22.101	.
	02.82	Call Forwarding (CF) Supplementary Services ; Stage 1	Ph1	3.6.1		S1	-	CHICHMANIAN, Anouch	Franc	CLAYTON, Michael		.
	02.88	Call Barring (CB) Supplementary Services ; Stage 1	Ph1	3.6.1		S1	-	CONRAD, Alan	Deuts	CLAYTON, Michael		.
	03.01	Network Functions	Ph1	3.1.1		S2	NP	GAASVIK, Per-Ola	COMV	SULTAN, Alain	SMG3->SA2 @ TSG#7	.
	03.02	Network Architecture	Ph1	3.1.4		S2	NP / T2	SULTAN, Alain	ETSI	SULTAN, Alain		.
	03.03	Numbering, Addressing and Identification	Ph1	3.6.0		N4	T2	GAASVIK, Per-Ola	COMV	KYMALAINEN, Kimmo		#8: 3
	03.04	Signalling Requirements Relating to Routing of Calls to	Ph1	3.1.0		N4	SPAN / T2	...		KYMALAINEN, Kimmo		.
TR	03.05	Technical performance objectives	Ph1	3.2.0		NP	-	...		BOSWARTHICK, David		.
	03.07	Restoration Procedures	Ph1	3.2.1		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo		.
	03.08	Organization of Subscriber Data	Ph1	3.7.0		N4	-	BAUER, Rolf	ALCA	KYMALAINEN, Kimmo		.
	03.09	Handover Procedures	Ph1	3.2.1		N1	-	FARHOUMAND, Rouzbeh	Ericss	AL -BAKRI, Ban		.
	03.10	GSM Public Land Mobile Network (PLMN) Connection	Ph1	3.3.0		N3	-	BRAUN, Achim	ALCA	BOSWARTHICK, David		.
	03.11	Technical Realization of Supplementary Services - General	Ph1	3.1.1		N4	-	HABERMANN, Steffen	Deuts	KYMALAINEN, Kimmo		.
	03.12	Location Registration Procedures	Ph1	3.3.0		N4	-	GAASVIK, Per-Ola	COMV	KYMALAINEN, Kimmo		.
	03.13	Discontinuous Reception (DRX) in the GSM System	Ph1	3.0.2		GP	-	...		USAI, Paolino		.
	03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF)	Ph1	3.0.2		N1	-	...		AL -BAKRI, Ban		.
	03.20	Security-related Network Functions	Ph1	3.3.2		S3	NP / GP	NGUYEN NGOC,	Franc	POPE, Maurice		.
	03.40	Technical Realization of the Short Message Service (SMS)	Ph1	3.7.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		#8: 3
	03.41	Technical Realization of Short Message Service Cell	Ph1	3.4.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm		.
TR	03.43	Support of Videotex	Ph1	3.0.1		T2	-	DI TRIA, Paolo	CSEL	RODERMUND, Friedhelm		.
TR	03.44	Support of Teletex in a GSM Public Land Mobile Network	Ph1	3.0.1		T2	-	...		RODERMUND, Friedhelm		.
	03.45	Technical Realization of Facsimile Group 3 Service -	Ph1	3.3.0		N3	-	...		BOSWARTHICK, David		#5: 3
	03.46	Technical Realization of Facsimile Group 3 Service - non	Ph1	3.2.1		N3	-	...		BOSWARTHICK, David		#5: 3
	03.50	Transmission Planning Aspects of the Speech Service in	Ph1	3.4.0		S4	-	USAI, Paolino	ETSI	USAI, Paolino		#4: 3
	03.70	Routeing of Calls to/from Public Data Networks (PDN)	Ph1	3.0.0		N3	-	...		BOSWARTHICK, David	N3: "no R99 needed".	.
	03.82	Call Forwarding (CF) Supplementary Services; Stage 2	Ph1	3.2.1		N4	-	POTHS, Annette	MANN	KYMALAINEN, Kimmo		.
	03.88	Call Barring (CB) supplementary services ; Stage 2	Ph1	3.2.1		N4	-	HAMEL, Eric	Franc	KYMALAINEN, Kimmo		.
	04.01	Mobile Station - Base Station System (MS - BSS) Interface	Ph1	3.0.1		N1	-	AVELINE, Sophie	Franc	AL -BAKRI, Ban		.
	04.02	GSM Public Land Mobile Network (PLMN) Access	Ph1	3.0.2		N1	-			AL -BAKRI, Ban		.
	04.03	Mobile Station - Base Station System (MS - BSS) Interface	Ph1	3.0.3		G2	-	THOMAS, Rémi	Franc	THOMASEN, Gert		.
	04.04	Layer 1 - General Requirements	Ph1	3.3.4		G2	-	THOMAS, Rémi	Franc	THOMASEN, Gert		.

	04.05	Data Link (DL) Layer General Aspects	Ph1	3.1.5		G2	-	...		THOMASEN, Gert		.
	04.06	Mobile Station - Base Stations System (MS - BSS) Interface	Ph1	3.9.0		G2	-	...		THOMASEN, Gert		.
	04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	Ph1	3.3.3		N1	-	HOWELL, Andrew	MOTO	AL -BAKRI, Ban		.
	04.08	Mobile radio interface layer 3 specification	Ph1	3.e.0		N1	G2	HOWELL, Andrew	MOTO	AL -BAKRI, Ban	04.08 will remain as an	.
	04.10	Mobile Radio Interface Layer 3 - Supplementary Services	Ph1	3.2.3		N4	-	SHARP, Iain	NORT	KYMALAINEN, Kimmo		.
	04.11	Point-to-Point (PP) Short Message Service (SMS) Support	Ph1	3.3.0		N1	-	NOBUYUKI, Uda	NTT	AL -BAKRI, Ban		#5:3
	04.12	Short Message Service Cell Broadcast (SMSCB) Support	Ph1	3.2.1		G2	T2	PUDNEY, Chris	VODA	THOMASEN, Gert		.
	04.21	Rate Adaption on the Mobile Station - Base Station System	Ph1	3.4.0		N3	-	RÄSÄNEN, Juha	NOKI	BOSWARTHICK, David		.
	04.22	Radio Link Protocol for Data and Telematic Services on the	Ph1	3.7.0		N3	-	KLEHN, Norbert	SIEM	BOSWARTHICK, David		.
	04.80	Mobile Radio Interface Layer 3 - Supplementary Services	Ph1	3.2.0		N4	-	...		KYMALAINEN, Kimmo		.
	04.82	Call Forwarding (CF) Supplementary Services - Stage 3	Ph1	3.1.3		N4	-	POTHS, Annette	MANN	KYMALAINEN, Kimmo		.
	04.88	Call Barring (CB) Supplementary Services ; Stage 3	Ph1	3.1.3		N4	-	HAMEL, Eric	Franc	KYMALAINEN, Kimmo		.
	05.01	Physical Layer on the Radio Path (General Description)	Ph1	3.3.2		GP	-	ANDERSEN, Niels Peter	MOTO	USAI, Paolino		.
	05.02	Multiplexing and Multiple Access on the Radio Path	Ph1	3.8.0		GP	-	...		USAI, Paolino		#15:
	05.03	Channel Coding	Ph1	3.6.1		GP	-	...		USAI, Paolino		#12:
	05.04	Modulation	Ph1	3.1.2		GP	-	REINER, Michaël	AEG	USAI, Paolino		.
	05.05	Radio Transmission and Reception	Ph1	3.16.0		GP	-	CHARLES, Jean Pierre	Franc	USAI, Paolino		#4: 3
	05.08	Radio Subsystem Link Control	Ph1	3.8.0		GP	-	WHITE, Phil	VODA	USAI, Paolino		#16:
	05.10	Radio subsystem synchronization	Ph1	3.5.1		GP	-	BENN, Howard	MOTO	USAI, Paolino		#4: 3
	06.01	Full Rate Speech Processing Functions	Ph1	3.0.0		S4	-	USAI, Paolino	ETSI	USAI, Paolino		.
	06.10	Full Rate Speech Transcoding	Ph1	3.2.0		S4	-	LORENZ, Dietmar	PHILI	USAI, Paolino		.
	06.11	Substitution and Muting of Lost Frames for Full Rate	Ph1	3.0.1		S4	-	NAVARRO, William	NORT	USAI, Paolino		.
	06.12	Comfort Noise Aspects for Full Rate Speech Traffic	Ph1	3.0.1		S4	-	SERENO, Daniele	TELE	USAI, Paolino		.
	06.31	Discontinuous Transmission (DTX) for Full Rate Speech	Ph1	3.1.0		S4	-	...		USAI, Paolino		.
	06.32	Voice Activity Detection (VAD)	Ph1	3.0.0		S4	-	BARRETT, Paul	BT	USAI, Paolino		.
	07.01	General on Terminal Adaptation Functions (TAF) for Mobile	Ph1	3.e.0		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#2: 3
	07.02	Terminal Adaptation Functions (TAF) for Services Using	Ph1	3.8.0		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#2: 3
	07.03	Terminal Adaptation Functions (TAF) for Services Using	Ph1	3.4.0		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#5: 3
	08.01	General Aspects on the BSS-MSC Interface	Ph1	3.0.1		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		.
	08.02	Base Station System - Mobile Services Switching Centre	Ph1	3.3.1		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		.
	08.04	Base Station System - Mobile Services Switching Centre	Ph1	3.0.3		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		.
	08.06	Signalling Transport Mechanism Specification for the Base	Ph1	3.5.2		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		.
	08.08	Mobile Switching Centre - Base Station system (MSC-BSS)	Ph1	3.a.1		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		.
	08.20	Rate Adaptation on the Base Station System - Mobile	Ph1	3.1.2		N3	-	RÄSÄNEN, Juha	NOKI	BOSWARTHICK, David		.
	08.51	Base Station Controller - Base Transceiver Station (BSC-	Ph1	3.0.2		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		.
	08.52	Base Station Controller - Base Transceiver Station (BSC-	Ph1	3.0.2		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		.
	08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	Ph1	3.0.1		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		.
	08.56	BSC-BTS Layer 2 Specification	Ph1	3.1.1		G2	-	ANDERSEN, Harald	ERIC	THOMASEN, Gert		.
	08.58	Base Station Controller - Base Transceiver Station (BCS-	Ph1	3.6.0		G2	-	LYCKSELL, Edgar	TELIA	THOMASEN, Gert		#10:
	08.59	BSC-BTS O&M Signalling Transport	Ph1	3.1.0		GP	-	...		USAI, Paolino		.
	08.60	Inband Control of Remote Transcoders and Rate Adaptors	Ph1	3.3.1		GP	-	...		USAI, Paolino		.
TR	09.01	General Network Interworking Scenarios	Ph1	3.0.1		N4	-	...		KYMALAINEN, Kimmo		.
	09.02	Mobile Application Part (MAP) Specification	Ph1	3.b.0		N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo	CN->N4 Apr00 (JMM)	#9: 3

	02.68	Voice Group Call Service (VGCS) ; Stage 1	Rel-4	9.0.0		S1	-	GILES, Les	Global	CLAYTON, Michael		#32:9
	02.69	Voice Broadcast Service (VBS) ; Stage 1	Rel-4	9.0.0		S1	-	GILES, Les	Global	CLAYTON, Michael		#32:9
	02.78	Customized Applications for Mobile network Enhanced	R1999	8.0.0		S1	-	KLEIER, Stephan	MANN	CLAYTON, Michael		#29:
	02.82	Call Forwarding (CF) Supplementary Services ; Stage 1	R1999	8.0.0		S1	-	CHICHMANIAN, Anouch	Franc	CLAYTON, Michael		#28:
	02.90	Stage 1 Decision of Unstructured Supplementary Service	R1999	8.0.0		S1	-	SLOTTE, Sverre	NOKI	CLAYTON, Michael		#28:
	03.01	Network Functions	R1999	8.0.0		S2	NP	GAASVIK, Per-Ola	COMV	SULTAN, Alain	SMG3->SA2 @ TSG#7	Neve
	03.04	Signalling Requirements Relating to Routing of Calls to	R1996	5.0.0		N4	SPAN / T2	...		KYMALAINEN, Kimmo		#20:
	03.04	Signalling Requirements Relating to Routing of Calls to	R1997	6.0.0		N4	SPAN / T2	...		KYMALAINEN, Kimmo		#27:
TR	03.39	Digital Cellular Telecommunications System (Phase 2)	Ph2	4.0.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm	TSG#9:withdrawn cos	#16:
TR	03.39	Digital Cellular Telecommunications System (Phase 2)	R1996	5.0.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm	TSG#9:withdrawn cos	#20:
TR	03.39	Digital Cellular Telecommunications System (Phase 2)	R1997	6.0.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm	TSG#9:withdrawn cos	#27:
TR	03.39	Digital Cellular Telecommunications System (Phase 2)	R1998	7.0.0		T2	-	HARRIS, Ian	VODA	RODERMUND, Friedhelm	TSG#9:withdrawn cos	need
TR	03.43	Support of Videotex	Rel-4	8.0.0		T2	-	DI TRIA, Paolo	CSEL	RODERMUND, Friedhelm		Froze
TR	03.44	Support of Teletex in a GSM Public Land Mobile Network	R1999	8.0.0		T2	-	...		RODERMUND, Friedhelm		Froze
TR	03.47	Example Protocol Stacks for Interconnecting Service	R1999	8.0.0		T2	-	...		RODERMUND, Friedhelm		Froze
TR	03.49	Example protocol stacks for interconnecting Cell Broadcast	R1999	8.0.0		T2	-	MEREDITH, Andrew	MOTO	RODERMUND, Friedhelm		Froze
	03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS	R1999	8.0.0		S2	-	ROBERTS, Martin	Nortel	SULTAN, Alain		Neve
	03.59	Location services (LCS) GERAN; Stage 2	Rel-4	0.0.1		GP	-	LIVINGSTON, Margaret	NOKI	USAI, Paolino		repla
	03.61	General Packet Radio Service (GPRS); Point To Multipoint	<?>	0.7.1		-	-	...		,		.
	03.62	General Packet Radio Service (GPRS); Point-to-multipoint	<?>	0.0.0		-	-	...		,		.
	03.68	Voice Group Call Service (VGCS); Stage 2	Rel-4	9.0.0		N1	-			AL -BAKRI, Ban		#32:9
	03.69	Voice Broadcast service (VBS); Stage 2	Rel-4	9.0.0		N1	-	MÜNNING, Dirk	DETE	AL -BAKRI, Ban		#32:9
	03.82	Call Forwarding (CF) Supplementary Services; Stage 2	R1999	8.0.0		N4	-	POTHS, Annette	MANN	KYMALAINEN, Kimmo		#28:
	03.94	Follow Me Service description; Stage 2	<?>	0.0.0		-	-	...		,		No d
	04.02	GSM Public Land Mobile Network (PLMN) Access	R1999	0.0.0		N1	-			AL -BAKRI, Ban		.
	04.18	Mobile radio interface layer 3 specification; Radio Resource	Rel-4	9.0.0		G2	-	HOWELL, Andrew	MOTO	THOMASEN, Gert		#32:9
	04.22	Radio Link Protocol for Data and Telematic Services on the	R1999	8.0.0		N3	-	KLEHN, Norbert	SIEM	BOSWARTHICK, David		#29:
	04.53	Inband Tandem Free Operation (TFO) of Speech Codecs;	R1998	1.6.0		-	-	NAVARRO, William	NORT	,	replaced by 08.62	#25:
	04.64	Mobile Station - Serving GPRS Support Node (MS-SGSN)	R1996	5.1.0		N1	-	SALKINTZIS, Apostolis	MOTO	AL -BAKRI, Ban		#23:
TS	04.65	Mobile Station (MS) - Serving GPRS Support Node	R1996	5.1.0		N1	-	SALKINTZIS, Apostolis	MOTO	AL -BAKRI, Ban	24.065 existed, but	#23:
	04.68	Group Call Control (GCC) Protocol	Rel-4	9.0.0		N1	-			AL -BAKRI, Ban		#32:9
	04.69	Broadcast Call Control (BCC) protocol	Rel-4	9.0.0		N1	-			AL -BAKRI, Ban		TSG
	04.94	Follow Me Service description ; Stage 3	<?>	0.0.0		-	-	...		,	TF139 proposes to	scrap
TR	05.90	GSM Electro Magnetic Compatibility (EMC) Considerations	Ph2	4.3.0		-	-	...		,		#7: 4
TR	05.90	GSM Electro Magnetic Compatibility (EMC) Considerations	R1996	5.0.0		-	-	...		,		#20:
TR	05.90	GSM Electro Magnetic Compatibility (EMC) Considerations	R1997	6.0.0		-	-	...		,		#27:
	07.01	General on Terminal Adaptation Functions (TAF) for Mobile	R1999	8.0.0		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#29:
	07.02	Terminal Adaptation Functions (TAF) for Services Using	R1999	8.0.0		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#29:
	07.03	Terminal Adaptation Functions (TAF) for Services Using	R1999	8.0.0		N3	-	COLBAN, Erik	ERIC	BOSWARTHICK, David		#29:
	07.06	Use of the V Series Data Terminal Equipment - Data Circuit	Ph2	0.0.0		-	-	...		,		#7: 4
	07.08	GSM Application Programming Interface	R1999	8.0.0		T2	-	...		RODERMUND, Friedhelm		Froze
	08.08	Mobile Switching Centre - Base Station system (MSC-BSS)	Rel-4	9.0.0		G2	-	DAVIES, Rob	Philips	THOMASEN, Gert		#32:9
	08.59	BSC-BTS O&M Signalling Transport	R1999	8.0.0		GP	-	...		USAI, Paolino		recor

	09.07	General Requirements on Interworking between the Public	R1999	8.0.0		N3	-	KLEHN, Norbert	SIEM	BOSWARTHICK, David		#29:
	09.14	Application of ISUP Version 3 for the ISDN-PLMN	R1999	8.0.0		SPAN	N4	...			EN 302 646	May0
	09.18	General Packet Radio Service (GPRS); Serving GPRS	R1999	8.0.0		N1	-	MILLS, Duncan	VODA	AL -BAKRI, Ban		#29:
	09.60	General Packet Radio Service (GPRS); GPRS Tunnelling	R1996	5.0.0		N4	-	OLTEDAL, Einar	Telefo	KYMALAINEN, Kimmo		#24:
TR	09.90	Interworking between Phase 1 Infrastructure and Phase 2	R1997	6.0.0		N1	-	HOWELL, Andrew	MOTO	AL -BAKRI, Ban		#27:
TR	09.94	Recommended Infrastructure Measures to Overcome	R1996	5.0.0		N1	-	CHOTAI, Sunil	BT	AL -BAKRI, Ban	v4.x.x belongs to all	#20:
TR	09.94	Recommended Infrastructure Measures to Overcome	R1997	6.0.0		N1	-	CHOTAI, Sunil	BT	AL -BAKRI, Ban	v4.x.x belongs to all	#27:
	10.00	Digital Cellular Telecommunication System Feature	R1999	8.0.0		S2	-	BERGMANN, Ansgar	ETSI	SULTAN, Alain		will n
	10.17	General Packet Radio Service (GPRS); Charging in GPRS	R1997	0.0.0		-	-	HEATON, Graham	RTS	,	Scrapped.	#25:
TR	10.57	Project scheduling and open issues: Mobile Station	R1998	7.0.0		T2	-	RODERMUND, Friedhelm	ETSI	RODERMUND, Friedhelm	TSG#9:withdrawn cos	#26:
TR	10.57	Project scheduling and open issues: Mobile Station	R1999	8.0.0		T2	-	RODERMUND, Friedhelm	ETSI	RODERMUND, Friedhelm	TSG#9:withdrawn cos	No R
	10.60	General Packet Radio Services (GPRS); Project Scheduling	R1996	5.3.0		S2	-	PETERSEN, Johan	Telefo	SULTAN, Alain		#21:
	10.60	General Packet Radio Services (GPRS); Project Scheduling	R1999	8.0.0		S2	-	PETERSEN, Johan	Telefo	SULTAN, Alain		will n
	10.68	Introduction to the services: enhanced Multi-Level	R1999	8.0.0		S2	-	VAN DER AREND, Peter	KPN -	SULTAN, Alain		R99
	10.78	Project scheduling and open issues: CAMEL	R1999	8.0.0		S2	-	...		SULTAN, Alain		will n
TR	10.87	User to User Signalling (UUS)	R1998	none		S2	GP	BERGMANN, Ansgar	ETSI	SULTAN, Alain		No d
TR	10.94	Follow Me supplementary service	R1998	none		SP	-	POSTMANN, Erwin	SIEM	POPE, Maurice		No d
	11.10-1	Mobile station (MS) conformance specification; Part1:	Rel-4	9.0.1		G4	S1 / GP /	...		SALMERON, Lidia	R99 version now serves	#32:9
	11.10-2	Mobile station (MS) conformance specification; Part 2:	R1999	8.0.0		G4	S1 / GP /	...		SALMERON, Lidia		propo
	11.10-3	Mobile Station (MS) Conformance Specification; Part 3:	R1999	8.0.0		G4	S1 / GP /	...		SALMERON, Lidia		skipp
	11.10-3	Mobile Station (MS) Conformance Specification; Part 3:	Rel-4	9.0.0		G4	S1 / GP /	...		SALMERON, Lidia		Tdoc
	11.10-4	Mobile Station (MS) Conformance Specification; Part 4:	R1999	8.0.0		G4	-	SALMERON, Lidia	ETSI	SALMERON, Lidia		May
	11.12	Specification on the 3 Volt subscriber identity module	Ph2	4.3.1		-	-	LINDHOLM, Rune	NOKI	,		#15:
	11.12	Specification on the 3 Volt subscriber identity module	R1996	5.0.0		-	-	LINDHOLM, Rune	NOKI	,		#16:
	11.17	SIM test specification	R1999	8.0.0		T3	-	BREMNER, David	ASPE	SANDERS, Michael		May
	11.18	Specification of the 1.8 Volt Subscriber Identity Module -	R1999	8.0.0		T3	-	LINDHOLM, Rune	NOKI	SANDERS, Michael		Sand
	11.19	CTS SIM Fixed Part	R1999	0.0.0		T3	-	HUBBE, Pascal	Alcate	SANDERS, Michael		CTS
	11.21	GSM Radio Aspects Base Station System Equipment	R1997	6.0.0		G3	-	BUSIN, Ake	Telefo	RODERMUND, Friedhelm		#27:6
	11.25		Rel-4	0.0.0		G3	-	BUSIN, Ake	Telefo	RODERMUND, Friedhelm		(no s
	11.56	CTS phase 1, CTS Fixed Part Tests	R1998	0.0.0		-	-	DIA, Sada	ALCA	,		.
	12.07	Public Land Mobile Network (PLMN) Quality of Service	<?>	0.0.0		-	-	...		,	withdrawn	.
	13.11	Mobiles stations in the GSM 900 and DCS 1800 bands	R1999	0.0.0		MSG	G4	SALMERON, Lidia	ETSI	GUTIERREZ MIGUELEZ,	Harmonized standard	.
	13.34	Attachment requirements for Global System for Mobile	R1999	8.0.0		MSG	G4	...		GUTIERREZ MIGUELEZ,	Harmonised EN 301 419-	R99
	13.55	Attachment requirements for Cordless Telephony System	R1996	0.0.0		-	-	DAVIDIAN, Jean-Jacques	DoCo	,	Harmonised EN 301 419-	.
	13.56	Cordless Telephony System Mobile Stations (CTS-MS);	R1996	1.0.0		-	-	DAVIDIAN, Jean-Jacques	DoCo	,	Harmonised EN 301 419-	#30:
	13.59	Enhanced Data rates for GSM Evolution (EDGE) Mobile	R1996	0.0.0		MSG	G4	DAVIDIAN, Jean-Jacques	DoCo	GUTIERREZ MIGUELEZ,	Harmonised EN 301 419-	stopp
	13.60	Attachment requirements for Global System for Mobile	R1996	1.0.0		MSG	G4	DAVIDIAN, Jean-Jacques	DoCo	GUTIERREZ MIGUELEZ,	Harmonised EN 301 419-	#30:
	13.60	Attachment requirements for Global System for Mobile	R1999	8.0.0		MSG	G4	DAVIDIAN, Jean-Jacques	DoCo	GUTIERREZ MIGUELEZ,	Harmonised EN 301 419-	.
	13.67	Attachment requirements for Global System for Mobile	R1999	8.0.0		MSG	G4	...		GUTIERREZ MIGUELEZ,	Harmonised EN 301 419-	R99
	13.68	Attachment requirements for Global System for Mobile	R1999	8.0.0		MSG	G4	...		GUTIERREZ MIGUELEZ,	Harmonised EN 301 419-	R99
TR	21.01	Overall requirements on the radio interface(s) of the UMTS	UMTS	3.0.1		GP	-	MOULSLEY, Tim	Philips	USAI, Paolino		#22:
	21.010		<?>	3.0.0		-	-	...		,		3.0.0
TR	21.02	High level requirements relevant for the definition of the	UMTS	3.0.1		GP	-	ANDERSEN, Niels Peter	MOTO	USAI, Paolino		#22:

	21.04	Requirements for the support of data services in UMTS	UMTS	1.0.0		-	-	HOLLEY, Kevin	BT	,		#26:
TR	21.06	O&M requirements for the UMTS	UMTS	3.0.0		-	-	WEICHSELBAUM,	MANN	,		#25:
TS	21.100	3G specification handling procedures	Rel-4	1.0.0		-	-	MEREDITH, John M	ETSI	,	Knobbed prior to SA#8.	Knob
	22.00	UMTS Phase 1	UMTS	1.0.0		-	-	VERRIER, David	Franc	,		#27:
	22.01	Universal Mobile Telecommunications System (UMTS):	UMTS	3.3.0		-	-	DWYER, Paul	NORT	,		#21:
TS	22.016	International Mobile Equipment Identities (IMEI)	Rel-4	0.0.0	Oct 99	S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael	Transfer>TSG#4,CR at	TSG
	22.05	Services and service capabilities	UMTS	3.1.0		-	-	PUGA PEREIRA,	Franc	,		#25:
	22.07	UMTS Terminal and Smart Card Concepts	UMTS	3.1.1		-	-	SMOLANDER, Jouni	NOKI	,		#25:
TS	22.094	Follow Me Stage 1	R1999	3.1.0	Dec 99	S1	-	...		CLAYTON, Michael	Transfer>TSG#4. GSM	Tran
	22.21	Virtual Home Environment	UMTS	0.3.0		-	-	OGUNBEKUN, Jumoke	FUJIT	,		.
	22.24	Charging and Accounting Mechanism	UMTS	3.0.0		-	-	CHAMBERS, David	MOTO	,		#25:
	22.25	Quality of Service and Network Performance	UMTS	3.1.0		-	-	TIAINEN, Seppo	SONE	,		#25:
	22.29	Handover Requirements between UMTS and GSM or other	UMTS	1.0.0		-	-	COOPER, David	Telec	,		.
	22.60	Mobile multimedia services including mobile Intranet and	UMTS	3.0.0		-	-	AHNBERG, Tomas	TELIA	,		#25:
	22.70	Virtual Home Environment	UMTS	3.0.0		-	-	OGUNBEKUN, Jumoke	FUJIT	,		#25:
	22.71	Service aspects; Automatic Establishment of Roaming	UMTS	3.0.1		-	-	...		,		#25:
	22.72	Real Time Multimedia in UMTS	UMTS	0.0.0		-	-	FISCHER, Ralf	ROBE	,		.
	22.75	Service aspects; Advanced Addressing	UMTS	3.0.0		-	-	KLEIER, Stephan	MANN	,		#25:
TR	22.80	UMTS Relationship to other Standards	UMTS	2.0.1		-	-	AXERUD, Bo	NOKI	,		#24:
TR	22.907	Terminal concepts	Rel-4	3.1.3	April 99	-	-	TOLVANEN, Mika	NOKI	,	CR at TSG#4 Not	With
TR	22.924	Charging and accounting mechanisms	R1999	3.1.1	April 99	-	-	MONTEGROSSO,	Telec	,		.
TR	22.925	Quality of service and network performance	R1999	3.1.1	April 99	-	-	ERIKSSON, Olle	Telefo	,		.
TR	22.960	Mobile multimedia services	R1999	3.0.1	April 99	-	-	AHNBERG, Tomas	TELIA	,		.
TR	22.970	Virtual Home Environment Report	R1999	3.0.1	April 99	-	-	OGUNBEKUN, Jumoke	FUJIT	,		.
TR	22.972	Circuit-switched multimedia	R1999	0.0.0	Dec 99	-	-	...		,	Title grows "cct sw".	With
	23.01	General UMTS Architecture	UMTS	1.0.0		-	-	OLSSON, Magnus	Telefo	,		#27:
TS	23.010	GSM Public Land Mobile Network (PLMN) Connection	R1999	3.0.0	Jun 00	-	-	...		,	superseded by 23.910	TSG
TS	23.022	Functions related to Mobile Station (MS) in idle mode	R1999	3.1.0		-	-	...		,	Superseded by 23.122	3.1.0
TS	23.043	Support of Videotex	R1999	3.0.0	Jun 00	-	-	...		,		3.0.0
TS	23.044	Support of Teletex	R1999	3.0.0	Jun 00	-	-	...		,		3.0.0
	23.045	Technical Realization of Facsimile Group 3 Service -	R1999	3.0.0	Jun 00	-	-	...		,	Version 8.x.x exists	3.0.0
TS	23.046	Technical realisation of facsimile Group 3 service - non-	<?>	3.0.0		-	-	...		,	superseded by 23.146	3.0.0
	23.05	UMTS Network principles	UMTS	0.10.0		-	-	...		,		.
TS	23.070	Routeing of calls to/from Public Data Networks (PDN) and	R1999	3.0.0	Apr 99	-	-	KOSYDAR, L	AT&T	,	N3 indicates not required	withd
TS	23.071	Location services (LCS) stage 2	R1999	3.0.0	Jun 00	-	-	STEER, David G	NORT	,	superseded by 25.305	.
	23.10	UMTS Access Stratum; Services and Functions	UMTS	1.0.0		-	-	LOPEZ-TORRES, Oscar	Deuts	,		#27:
	23.20	Evolution of the GSM platform towards UMTS	UMTS	1.0.0		S2	-	JARVIS, Andre	Lucen	SULTAN, Alain		#27:
TR	23.913	UMTS Turbo-Charger	Rel-4	1.0.0	Mar 01	-	-			,	New after TSG#5	.
	23.920	Evolution of the GSM platform towards UMTS	R1999	3.1.0	Jun 00	-	-	...		,		Stop
TR	23.927	VHE, Open Service Architecture	R1999	0.1.0	Dec 99	-	-	...		,	Replaced by 23.127	With
TR	23.960	Framework of network functions to support multimedia	<?>	0.1.0		-	-	...		,		.
TS	24.065	General Packet Radio Service (GPRS); Mobile Station (MS)	R1999	3.1.0	Jun 00	N1	-	...		AL -BAKRI, Ban	Scrapped: is GSM only	2000
TS	24.094	Follow Me ; Stage 3	<?>	0.0.0		-	-	...		,	TF139 proposes to	USS

TR	10.43	Support of Localised Service Area (SoLSA); Work Item	R1998	1.b.0		S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael		#25:
	10.70	GSM Adaptive Multi-Rate Speech Codec (AMR); Project	R1998	0.2.0		S4	-	USAI, Paolino	ETSI	USAI, Paolino		#27:
	10.71	Project scheduling and open issues:Location services	R1998	2.1.0		S1	-			CLAYTON, Michael		#29:
	10.78	Project scheduling and open issues: CAMEL	R1998	1.6.0		S2	-	...		SULTAN, Alain		#25:
	10.89	GSM to other Systems Handover and Cell	R1999	0.0.6		GP	-	ISAACS, Ken	SIEM	USAI, Paolino		0.0.5
TS	11.13	Test specification for SIM API for Java card	R1999	1.0.0	Mar 01	T3	-	LLOBREGAT, Fernando	OBER	SANDERS, Michael		. TSG
TS	21.102	3rd Generation mobile system Release 2000 Specifications	Rel-4	1.1.0	Mar 01	SP	-	MEREDITH, John M	ETSI	POPE, Maurice		TSG
TS	22.053	Tandem Free Operation of speech codecs; Stage 1 service	Rel-4	0.1.1	Mar 01	S4	-	...		USAI, Paolino	Transfer>TSG#4	.
TS	22.112	USIM toolkit interpreter; Stage 1	Rel-4	1.0.0	Mar 01	T3	-	MEYER, Michael	GIES	SANDERS, Michael		. TSG
TS	22.226	Global text telephony; Stage 1: Service description	Rel-4	2.0.0	Mar 01	S1	-	HELLSTROM, Gunnar	The	CLAYTON, Michael		WI a
TR	22.976	Study on PS domain services and capabilities	Rel-4	2.0.0	Mar 01	S1	-	CATALDO, Mark	MOTO	CLAYTON, Michael	Created Jan-00	TSG
TS	23.079	Support of Optimal Routeing - Phase 1 ; Stage 2	Rel-4	none	Mar 01	N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo	CR at TSG#4,CR at	.
TS	23.093	Call Completion to Busy Subscriber (CCBS) ; Stage 2	Rel-4	none	Mar 01	N4	-	...		KYMALAINEN, Kimmo		.
TS	23.205	Bearer-independent circuit-switched core network; Stage 2	Rel-4	1.0.1	Mar 01	N4	-	GARCIA-MENDIVE,	ERIC	KYMALAINEN, Kimmo	2000-10: Rap change	TSG
TS	23.207	End to end quality of service concept and architecture	Rel-4	1.0.0	Mar 01	S2	-	OYAMA, Johnson	Nippo	SULTAN, Alain	End-to-end quality of	TSG
TS	23.221	Architectural requirements	Rel-4	1.0.0	Mar 01	S2	-	DANIEL, Elizabeth	Lucen	SULTAN, Alain	Derived from R99-	TSG
TS	23.226	Global text telephony; Stage 2: Architecture	Rel-4	0.0.0	Mar 01	N4	-	HELLSTROM, Gunnar	The	KYMALAINEN, Kimmo		WI a
TS	23.227	Terminal local model	Rel-4	0.1.0	Mar 01	T2	-	GUSTAVSSON, Carl	Telefo	RODERMUND, Friedhelm		.
TS	23.228	IP multimedia subsystem; Stage 2	Rel-5	1.4.0	Mar 01	S2	-	DANIEL, Elizabeth	Lucen	SULTAN, Alain		Rel4
TR	23.821	Architecture Principles for Release 2000	Rel-4	1.0.1	Mar 01	S2	-	LIND, Christer	TELIA	SULTAN, Alain	New after TSG#5	TSG
TR	23.873	Feasibility study fro transport and control separation in the	Rel-4	1.0.0	Mar 01	S2	-	IBANEZ, Juan-Antonio	ERIC	SULTAN, Alain		TSG
TR	23.874	Feasibility study of architecture for network requested PDP	Rel-4	1.3.0	Mar 01	S2	-	KITADA, Yoshinori	NTT	SULTAN, Alain		.
TR	23.922	Architecture for an All IP network	R1999	1.0.0		S2	-	...		SULTAN, Alain	TSG#5: 1.0.0	Was
TR	23.925	UMTS Core network based ATM transport	R1999	0.2.0	Mar 00	S2	-	ROUZ, Adel	FUJIT	SULTAN, Alain	Oct 00: S2 Secretary	.
TS	24.228	Signalling flows for the IP multimedia call control based on	Rel-5	0.1.0	Mar 01	N1	-	O'HARE, John		AL -BAKRI, Ban		TSG
TS	24.229	IP Multimedia Call Control Protocol based on SIP and SDP;	Rel-5	0.0.6	Mar 01	N1	-	DRAGE, Keith	Lucen	AL -BAKRI, Ban		TSG
TS	25.106	UTRA Repeater; Radio transmission and reception	Rel-4	1.1.0	Mar 01	R4	-	NILSSON, Martin	ALLG	GUTIERREZ MIGUELEZ,		TSG
TS	25.143	UTRA Repeater; Conformance testing	Rel-4	1.0.0	Mar 01	R4	-	KUMMETZ, Thomas	MIKO	GUTIERREZ MIGUELEZ,	Created by renumbering	Was
TR	25.831	Study Items for future release	R1999	0.0.2	Mar 00	R3	-	DREVON, Nicolas	ALCA	TAYLOR, Carolyn		.
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	TSG
TR	25.835	Report on hybrid ARQ type II/III	Rel-4	1.0.0	Mar 01	R2	-	SITTE, Armin	SIEM	VAN DER VEEN, Hans		.
TR	25.837	Hybrid ARQ Type II/III (lub/lur aspects)	Rel-4	0.1.0	Mar 01	R3	-	BRANDT, Achim V.	SIEM	TAYLOR, Carolyn		.
TR	25.838	Node B Synchronisation for TDD (lub/lur aspects)	Rel-4	0.1.1	Mar 01	R3	-	LENHART, Johannes	SIEM	TAYLOR, Carolyn		TSG
TR	25.839	Uplink Synchronous Transmission Scheme (USTS) (lur/lub	Rel-4	0.1.0	Mar 01	R3	-	PARK, Jin Hyo	SK	TAYLOR, Carolyn		TSG
TR	25.840	Terminal power saving features	Rel-4	2.0.0	Mar 01	R1	-	LEE, Ju Ho	Sams	IKEDA, Shinobu		TSG
TR	25.842	Smart antenna	Rel-4	1.0.0	Mar 01	R1	-	HU, Jinling	CATT	IKEDA, Shinobu		.
TR	25.844	Radio Acces Bearer Support Enhancements	Rel-4	1.0.0	Mar 01	R2	-	KRISHNARAJAH,	Ericss	VAN DER VEEN, Hans		TSG
TR	25.845	FDD RACH and AICH performance requirements	Rel-4	0.0.0	Mar 01	R4	-	VIHRIÄLÄ, Jaakko	NOKI	GUTIERREZ MIGUELEZ,		.
TR	25.846	CPCH performance	Rel-4	0.0.0	Mar 01	R4	-	KWAK, Joe	Golde	GUTIERREZ MIGUELEZ,		.
TR	25.847	UE positioning enhancements	Rel-4	1.0.0	Mar 01	R2	-	BECKMANN, Mark	ROBE	VAN DER VEEN, Hans		TSG
TR	25.848	Physical Layer Aspects of UTRA High Speed Downlink	Rel-4	none	Dec 00	R1		GHOSH, Amitabha	Motor	IKEDA, Shinobu		May
TR	25.849	DSCH power control improvement in soft handover	Rel-4	none	Mar 01	R3	-	HWANG, WoonHee	HYUN	TAYLOR, Carolyn		.
TR	25.850	UE positioning in UTRAN lub/lur protocol aspects	Rel-4	0.0.2	Mar 01	R3	-	HAUTALA, Jari	NOKI	TAYLOR, Carolyn		TSG

TR	25.851	RAB Quality of Service Renegotiation over lu	Rel-4	0.0.2	Mar 01	R3		IRWIN, Sania	MOTO	TAYLOR, Carolyn		TSG
TR	25.852	Rabio access bearer support enhancement	Rel-4	none	Mar 01	R3		DIESEN, Michael	MOTO	TAYLOR, Carolyn		.
TR	25.924	Opportunity Driven Multiple Access (ODMA)	Rel-4	1.0.0	Mar 01	R2	-	LAW, Alan	VODA	VAN DER VEEN, Hans		.
TR	25.928	1,28Mcps UTRA TDD Physical Layer	Rel-4	1.1.0	Mar 01	R1	-	AKSENTIJEVIC, Mirko	NOKI	IKEDA, Shinobu	Created R1#10, Jan 99.	antic
TR	25.933	IP Transport in UTRAN	Rel-4	0.4.0	Mar 01	R3	-	DREVON, Nicolas	ALCA	TAYLOR, Carolyn		TSG
TR	25.934	AAL2 QoS optimization	Rel-4	0.2.1	Mar 01	R3	-	YOSHIMURA, Takayuki	Japan	TAYLOR, Carolyn		TSG
TR	25.935	RRM optimisation	Rel-4	0.1.1	Mar 01	R3	-	VAN LIESHOUT, Gert-	ERIC	TAYLOR, Carolyn		TSG
TR	25.936	Handover for realtime services from PS-domain	Rel-4	0.3.0	Mar 01	R3	-	MOUSSET, Claire	NORT	TAYLOR, Carolyn		TSG
TR	25.937	UTRAN TDD low chiprate	Rel-4	0.3.2	Mar 01	R3	-	XU, Bing	CATT	TAYLOR, Carolyn		TSG
TR	25.938	Terminal power saving features	Rel-4	0.1.1	Mar 01	R3	-	CHOI, Sungho	Sams	TAYLOR, Carolyn		TSG
TR	25.942	RF system scenarios	<?>	2.3.0	Mar 00	R4	-	BENABDALLAH, Nadia	OMNI	GUTIERREZ MIGUELEZ,	Additional rapporteur =	TSG
TR	25.943	Deployment aspects	R1999	2.0.0	Mar 00	R4	-	SKÖLD, Johan	ERIC	GUTIERREZ MIGUELEZ,		TSG
TR	25.945	RF requirements for low chip rate TDD option	Rel-4	2.0.0	Mar 01	R4	-	ZHANG, Daijun	CATT	GUTIERREZ MIGUELEZ,		TSG
TR	25.946	RAB Quality of Service Negotiation over lu	Rel-4	0.1.1	Mar 01	R3	-	MOLANDER, Anders	Ericss	TAYLOR, Carolyn		TSG
TR	25.950	UTRA high speed downlink packet access	Rel-4	0.0.0	Mar 01	R2	-	KUCHIBHOTLA, Ravi	MOTO	VAN DER VEEN, Hans		.
TR	25.951	Base Station classification (FDD)	Rel-4	1.0.0	Mar 01	R4	-	JOKINEN, Sami	NOKI	GUTIERREZ MIGUELEZ,		TSG
TR	25.952	Base Station classification (TDD)	Rel-4	1.0.0	Mar 01	R4	-	ZEIRA, Eldad	INTE	GUTIERREZ MIGUELEZ,		TSG
TR	25.953	TrFO/TFO	Rel-4	0.0.3	Mar 01	R3	-	VESELY, Alexander	SIEM	TAYLOR, Carolyn		TSG
TR	25.954	Migration to modification procedure	Rel-4	none	Mar 01	R3	-	YOSHIMURA, Takayuki	Japan	TAYLOR, Carolyn		.
TS	26.171	AMR speech codec, wideband; General description	Rel-4	1.0.0	Mar 01	S4	-	EKUDDEN, Erik	Telefo	USAI, Paolino		TSG
TS	26.173	AMR speech codec, wideband; C-source code	Rel-4	1.0.0	Mar 01	S4	-	EKUDDEN, Erik	Telefo	USAI, Paolino		TSG
TS	26.174	AMR speech odec, wideband; Test sequences	Rel-4	none	Mar 01	S4	-	EKUDDEN, Erik	Telefo	USAI, Paolino		.
TS	26.190	Mandatory Speech Codec speech processing functions	Rel-4	1.0.0		S4	-	,		USAI, Paolino		TSG
TS	26.191	AMR speech codec, wideband; Error concealment of lost	Rel-4	1.0.0		S4	-	EKUDDEN, Erik	Telefo	USAI, Paolino		TSG
TS	26.192	Mandatory Speech Codec speech processing functions	Rel-4	1.0.0		S4	-	,		USAI, Paolino		TSG
TS	26.193	AMR speech codec, wideband; Source Controlled Rate	Rel-4	1.0.0		S4	-	EKUDDEN, Erik	Telefo	USAI, Paolino		TSG
TS	26.194	Mandatory Speech Codec speech processing functions	Rel-4	1.0.0		S4	-	,		USAI, Paolino		TSG
TS	26.201	AMR speech codec, wideband; Frame structure	Rel-4	1.0.0	Mar 01	S4	-	HAGQVIST, Jari	NOKI	USAI, Paolino		TSG
TS	26.202	AMR speech codec, wideband; Interface to lu and Uu	Rel-4	1.0.0	Mar 01	S4	-	NAVARRO, William	NORT	USAI, Paolino		TSG
TS	26.231	Global text telephony; Cellular text telephone modem	Rel-5	1.0.0	Mar 01	S4	-	HELLSTROM, Gunnar	The	USAI, Paolino		. TSG
TS	26.233	End-to-end transparent streaming service; General	Rel-4	1.0.0		S4	-	HONKO, Harri	Nokia	USAI, Paolino		TSG
TS	26.234	End-to-end transparent streaming service; Protocols and	Rel-4	1.0.0		S4	-	NOHLGREN, Anders	Telefo	USAI, Paolino		TSG
TS	26.235	Packet switched conversational multimedia applications;	Rel-4	1.0.0	Mar 01	S4	-	OJALA, Pasi	Nokia	USAI, Paolino		TSG
TR	26.911	Codec for Circuit switched Multimedia Telephony	Rel-4	none	Mar 01	S4	-	HAAVISTO, Petri	Nokia	USAI, Paolino		.
TR	26.913	Quantitative performance evaluation of real-time packet	R1999	0.0.1	Mar 00	S4	-	HONKO, Harri	Nokia	USAI, Paolino		.
TR	26.920	Architectural Model for the 3G Transcoders	Rel-4	0.1.1	Mar 01	S4	-	NAVARRO, William	NORT	USAI, Paolino		.
TR	26.975	Performance characterization of the AMR speech codec	R1999	1.1.0	Mar 00	S4	-	EKUDDEN, Erik	Telefo	USAI, Paolino	Replaces 26.075.	was
TS	27.104	vObjects and other constructs for data synchronization	Rel-4	0.1.1	Mar 01	T2	-	LOCKHART, Rob	MOTO	RODERMUND, Friedhelm		TSG
TS	27.226	Global Text telephony;Terminal aspects	Rel-4	none	Mar 01	T2	-	HELLSTROM, Gunnar	The	RODERMUND, Friedhelm		WI a
TS	28.062	Inband Tandem Free Operation (TFO) of Speech Codecs;	Rel-4	1.0.0	Mar 01	S4	-	..,		USAI, Paolino	Transfer>TSG#4	TSG
TS	29.232	Media gateway controller - media gateway interface; Stage	Rel-4	1.0.0	Mar 01	N4	-	PARK, Ian David	VODA	KYMALAINEN, Kimmo	Additional rapporteur:	TSG
TS	29.415	Nb user plane protocols	Rel-4	none		N3	-	SANDERS, David	VODA	BOSWARTHICK, David		.
TR	30.504	Work Plan and Study Items - RAN WG4	<?>	2.2.0	Mar 00	R4	-	IWASA, Masaaki	MOTO	GUTIERREZ MIGUELEZ,		.

TR	30.531	Work Plan and Study Items - RAN WG3	R1999	0.8.5	Mar 00	R3	-	TAYLOR, Carolyn		TAYLOR, Carolyn		TSG
TR	30.801	Overall Project Plan	<?>	1.1.0	Mar 00	S2	-	SULTAN, Alain	ETSI	SULTAN, Alain		.
TR	30.804	Project plan on GSM/UMTS Interoperation and Mobility	<?>	1.0.0	Mar 00	S2	-	COURAU, François	ALCA	SULTAN, Alain		.
TR	30.806	Project plan on Location based services	<?>	1.0.0	Mar 00	S2	-	KÄLL, Jan	NOKI	SULTAN, Alain		.
TR	30.808	Project plan on Packet Architecture and Circuit Architecture	<?>	1.0.0	Mar 00	S2	-	DROPMANN, Ulrich	SIEM	SULTAN, Alain		.
TR	30.810	Project plan on Security	<?>	1.0.0	Mar 00	S2	-	PUDNEY, Chris	VODA	SULTAN, Alain		.
TR	30.812	Project plan on Services and Service platforms	<?>	1.0.0	Mar 00	S2	-	SCHMERSEL, Rob	Telefo	SULTAN, Alain		.
TS	32.105	3G charging and billing; Stage 2 description	Rel-4	0.0.4	Mar 01	S5	-	KOBYLARZ, Thaddeus	AT&T	ZOICAS, Adrian		New
TS	32.140	3G Service Management Requirements & Framework	Rel-4	0.1.0	Dec 01	S5	-	CARYER, Geoffrey	BT	ZOICAS, Adrian		TSG
TR	32.800	Management level procedures and interaction with UTRAN	Rel-4	0.0.1	Dec 01	S5		HIJDRA, Martiyn	MANN	ZOICAS, Adrian		.
TS	33.200	Network Domain Security	Rel-4	0.0.0	Mar 01	S3	-	,		POPE, Maurice		.
TR	33.800	Principles for Network Domain Security	Rel-4	0.0.0	Mar 01	S3	-	,		POPE, Maurice		.
TR	33.800	Principles for Network Domain Security	Rel-5	0.0.0	Dec 01	S3	-	,		POPE, Maurice		.
TR	33.900	Guide to 3G security	R1999	1.2.0	Mar 00	S3	-	BROOKSON, Charles	DTI -	POPE, Maurice		New
TR	33.903	Access Security for IP based services	Rel-4	0.0.0	Mar 01	S3	-	,		POPE, Maurice		.
TR	33.903	Access Security for IP based services	Rel-5	0.0.0	Dec 01	S3	-	,		POPE, Maurice		.
TR	33.904	Report on the Evaluation of 3GPP Standard Confidentiality	Rel-4	0.0.0	Mar 01	S3	SAGE	,		POPE, Maurice	Source: ETSI SAGE.	.
TR	33.909	ETSI SAGE 3GPP Standards Algorithms Task Force:	R1999	1.0.0	Dec 00	S3	-	WALKER, Michael	VODA	POPE, Maurice	TSG#7: Is a reference in	TSG
TS	34.123-3	UE Conformance Specification, Part 3 Abstract Test suites	R1999	0.0.0	Dec 01	T1	-	HU, Shicheng	ETSI	SALMERON, Lidia		TSG
TR	34.910	Conformance Test specifications – Relevant for Regulatory	Rel-4	1.0.0	Mar 01	T1	-	NIELSEN, Bjarke	QUAL	SALMERON, Lidia		. TSG
TS	41.102	GSM Specification set	Rel-4	1.0.1	Mar 01	SP	-	MEREDITH, John M	ETSI	POPE, Maurice	Né 41.001; renumbered	Né 4
TS	42.043	Support of Localised Service Area (SoLSA); Service	Rel-4	none		S1	-	KOKKOLA, Tommi	NOKI	CLAYTON, Michael		#27:
TS	43.059	Location services (LCS) GERAN; Stage 2	Rel-4	0.0.2	Mar 01	GP	-	LIVINGSTON, Margaret	NOKI	USAI, Paolino		.
TR	50.099	GERAN project plan and open issues	Rel-4	0.0.7	Mar 01	GP	-	MUELLER, Frank	Telefo	USAI, Paolino		May0