

Technical Specification Group Core Network  
Technical Specification Group Radio Access Network  
Technical Specification Group Terminals  
Meeting #9, Hawaii, USA, 20-23 September 2000

**TSGN#9(00)0524**  
**TSGR#9(00)0486**  
**TSGT#9(00)0161**

**Source:** **MCC**  
john.meredith@etsi.fr

**Title:** **3GPP specifications status list prior to TSGs CN, RAN and T #9**

**Document for:** **information**

**Agenda Item:** **N: 11**  
**RAN: 6**  
**T: 7**

Note that the specifications list now includes the GSM specifications inherited from ETSI TC-SMG. The allocation of inherited GTM specifications to TSGs and WGs is based on that presented at TSG-SA#8. No corrections were offered to MCC by the deadline.

The TSGs are invited to verify the allocations.



Type	Number	Title	Rel	current vers	frozen	available	WG prime	WG other	rapporteur	rapp org	MCC support	general remarks	version remarks	URL
	01.00	Working Procedures for SMG	R1996	5.2.0		Yes	SP	-	BERGMANN, Ansgar	ETSI Secretariat	POPE, Maurice		#17: 5.0.0 #19: 5.1.0 #25: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/1_series/00-520.zip
	01.00	Working Procedures for SMG	R1998	7.2.0		Yes	SP	-	BERGMANN, Ansgar	ETSI Secretariat	POPE, Maurice		#27: 7D1.0 #28: 7.0.0 #29:7.1.0 #30: 7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/1_series/00-720.zip
	01.00	Working Procedures for SMG	R1999	8.0.0		Yes	SP	-	BERGMANN, Ansgar	ETSI Secretariat	POPE, Maurice		#30: 8.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/00-800.zip
	01.01	GSM R99 Specification set	R1999	8.0.0		Yes	GP	-	COURAU, François	ALCATEL France	USAI, Paolino		info at #30 Alignment with 21.101: 1.1.0. Aprvl expected SMG#31b; or #32 ... #32:2.0.0 -> 8.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/01-800.zip
	01.02	General Description of a GSM Public Land Mobile Network (PLMN)	Ph2	4.0.2		Yes	S1	GP / NP	JORGENSEN, Niels H.	TELE DANMARK A/S	CLAYTON, Michael		#7: 4.0.1 #8: 4.0.2	ftp://ftp.3gp.org/Specs/2000-09/Ph2/01series/010-402.zip
	01.02	General Description of a GSM Public Land Mobile Network (PLMN)	R1996	5.0.0		Yes	S1	GP / NP	JORGENSEN, Niels H.	TELE DANMARK A/S	CLAYTON, Michael		#17: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/1_series/02-500.zip
	01.02	General Description of a GSM Public Land Mobile Network (PLMN)	R1997	6.0.0		No	S1	GP / NP	JORGENSEN, Niels H.	TELE DANMARK A/S	CLAYTON, Michael		#27: 6.0.0	link not available a present
	01.04	Abbreviations and Acronyms	Ph1	3.0.1		Yes	GP	-	CLAYTON, Michael	GSM MoU Association	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/01series/010-301.zip
	01.04	Abbreviations and Acronyms	Ph2	4.1.2		Yes	GP	-	CLAYTON, Michael	GSM MoU Association	USAI, Paolino		#8: 4.0.1 #9: 4.0.3 #10: 4.0.4 #11: 4.1.0 #12: 4.1.1 #14: 4.1.2	ftp://ftp.3gp.org/Specs/2000-09/Ph2/01series/010-412.zip
	01.04	Abbreviations and Acronyms	R1996	5.0.1		Yes	GP	-	CLAYTON, Michael	GSM MoU Association	USAI, Paolino		#17: 5.0.0 #20: 5.0.1	ftp://ftp.3gp.org/Specs/2000-09/R1996/1_series/04-501.zip
	01.04	Abbreviations and Acronyms	R1997	6.0.0		No	GP	-	CLAYTON, Michael	GSM MoU Association	USAI, Paolino		#27: 6.0.0	link not available a present

01.04	Abbreviations and Acronyms	R1998	7.0.0		Yes	GP	-	CLAYTON, Michael	GSM MoU Association	USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/1_series/04-700.zip
01.04	Abbreviations and Acronyms	R1999	8.0.0		Yes	GP	-	CLAYTON, Michael	GSM MoU Association	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/04-800.zip
01.05	Definitions	Ph2	0.0.0		No	SP	-	..,		POPE, Maurice		n.a.	(look in drafts directory)
01.31	Fraud Information Gathering System (FIGS); Service requirements - Stage 0	R1998	7.0.1		Yes	S3	-	WRIGHT, Tim	BT	POPE, Maurice		#23: 5.0.0 #25: 7.0.0 (5.x.y withdrawn) #26: 7.0.1	ftp://ftp.3gp.org/Specs/2000-09/R1998/1_series/031-701.zip
01.31	Fraud Information Gathering System (FIGS); Service requirements - Stage 0	R1999	8.0.0		Yes	S3	-	WRIGHT, Tim	BT	POPE, Maurice		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/031-800.zip
01.33	Lawful Interception requirements for GSM	R1998	7.0.0		Yes	S3	-	MILES, David F.	BT Cellnet	POPE, Maurice		#25: 7.0.0 (renumbered from 10.20)	ftp://ftp.3gp.org/Specs/2000-09/R1998/1_series/033-700.zip
01.33	Lawful Interception requirements for GSM	R1999	8.0.0		Yes	S3	-	MILES, David F.	BT Cellnet	POPE, Maurice		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/033-800.zip
01.48	ISDN-based DECT/GSM interworking; Feasibility study	R1996	5.0.1		Yes	S1	-	GRAETZ, Ingeborg	SIEMENS AG	CLAYTON, Michael		#19: 5.0.0 #20: 5.0.1	ftp://ftp.3gp.org/Specs/2000-09/R1996/1_series/048-501.zip
01.48	ISDN-based DECT/GSM interworking; Feasibility study	R1997	6.0.0		No	S1	-	GRAETZ, Ingeborg	SIEMENS AG	CLAYTON, Michael		#27: 6.0.0	link not available a present
01.56	GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements	R1998	7.0.0		Yes	S1	-	MESSIET, Samira	ALCATEL France	CLAYTON, Michael		#28 for info #29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/1_series/056-700.zip
01.56	GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements	R1999	8.0.0		No	S1	-	MESSIET, Samira	ALCATEL France	CLAYTON, Michael		CTS is dead duck	link not available a present
01.60	GPRS requirements	R1997	6.0.0		Yes	S1	-	..,		CLAYTON, Michael		#25: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/



02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	R1996	5.3.2		Yes	S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		#16: 5.0.0 #18: 5.1.0 #20: 5.2.0 #22: 5.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/02-532.zip
02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	R1997	6.1.1		Yes	S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		#27: 6.0.0 #28: 6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/02-611.zip
02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	R1998	7.0.2		Yes	S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/02-702.zip
02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	R1999	8.0.0		Yes	S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		#29: 8.0.0 (deleted, moved to 3GPP)	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/02-800.zip
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	Ph1	3.4.0		Yes	S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/02series/020-340.zip
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	Ph2	4.3.1		Yes	S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#7: 4.2.2 #11: 4.3.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/02series/020-431.zip
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	R1996	5.3.2		Yes	S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #21: 5.2.0 #22: 5.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/03-532.zip
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	R1997	6.0.0		Yes	S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/03-600.zip
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	R1998	7.0.0		Yes	S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/03-700.zip
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	R1999	8.0.0		No	S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#30: 8.0.0 TSG#6->3g	link not available a present
02.04	General on Supplementary Services	Ph1	3.7.1		No	S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael		.	link not available a present
02.04	General on Supplementary Services	Ph2	4.9.1		Yes	S1	-	RICHARDS, Denise	Lucent Technologies	CLAYTON, Michael		#7: 4.5.1 #8: 4.6.0 #10: 4.7.0 #12: 4.8.0 #15: 4.9.0 #16: 4.9.1	ftp://ftp.3gp.org/Specs/2000-

										Network Systems UK				09/Ph2/02 series/020-491.zip
02.04	General on Supplementary Services	R1996	5.7.4		Yes	S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael			#16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0 #23: 5.7.0 #25: 5.7.1 #29: 5.7.3	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/04-574.zip
02.04	General on Supplementary Services	R1997	6.1.1		Yes	S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael			#25: 6.0.0 #28: 6.1.0 #29: 6.1.1	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/04-611.zip
02.04	General on Supplementary Services	R1998	7.1.2		Yes	S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael			#25: 7.0.0 #28: 7.1.0 #29: 7.1.1	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/04-712.zip
02.04	General on Supplementary Services	R1999	8.1.0		No	S1	-	RICHARDS, Denise	Lucent Technologies Network Systems UK	CLAYTON, Michael			#28: 8.0.0 #29: 8.1.0 (to be deleted, moved to 3GPP)	link not available a present
02.06	Types of Mobile Stations (MS)	Ph1-DCS	3.0.0		No	S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael			.	link not available a present
02.06	Types of Mobile Stations (MS)	Ph1	3.2.0		Yes	S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael			.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/02 series/020-320.zip
02.06	Types of Mobile Stations (MS)	Ph2	4.5.2		Yes	S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael			#7: 4.1.1 #8: 4.2.0 #14: 4.3.0 #16: 4.4.0 #22: 4.5.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/02 series/020-452.zip
02.06	Types of Mobile Stations (MS)	R1996	5.2.1		Yes	S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael			#20: 5.0.0 #21: 5.1.0 #28: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/06-521.zip
02.06	Types of Mobile Stations (MS)	R1997	6.1.1		Yes	S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael			#27: 6.0.0 #28: 6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/06-611.zip
02.06	Types of Mobile Stations (MS)	R1998	7.0.1		Yes	S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael			#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/06-701.zip
02.07	Mobile Station (MS) Features	Ph1	3.4.1		Yes	S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael			.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/02 series/020-341.zip

02.07	Mobile Station (MS) Features	Ph2	4.8.2		Yes	S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#7: 4.4.1 #8: 4.4.2 #10: 4.5.0 #11: 4.6.0 #15: 4.7.0 #22: 4.8.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/02series/020-482.zip
02.07	Mobile Station (MS) Features	R1996	5.4.1		Yes	S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#17: 5.0.0 #18: 5.1.0 #20: 5.2.0 #22: 5.3.0 #24: 5.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/07-541.zip
02.07	Mobile Station (MS) Features	R1997	6.2.0		Yes	S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/07-620.zip
02.07	Mobile Station (MS) Features	R1998	7.1.0		Yes	S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#27: 7.0.0 TSG#7:7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/07-710.zip
02.07	Mobile Station (MS) Features	R1999	8.1.0		No	S1	-	JEAL, David	VODAFONE Group Plc	CLAYTON, Michael		#29: 8.0.0 #30: 8.1.0 TSG#6: withdrawn	link not available a present
02.08	Quality of service	Ph2	0.0.0		No	-	-	..,		,		#16: withdrawn	(look in drafts directory)
02.09	Security Aspects	Ph1	3.1.0		No	S3	S1 / NP	GILBERT, Henri	France Telecom R&D	POPE, Maurice		#6b: 3.1.0	link not available a present
02.09	Security Aspects	Ph2	4.5.0		Yes	S3	S1 / NP	GILBERT, Henri	France Telecom R&D	POPE, Maurice		#7: 4.2.1 #12: 4.3.0 #22: 4.4.0 edito:4.4.1 #31:4.5.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/02series/020-450.zip
02.09	Security Aspects	R1996	5.2.0		Yes	S3	S1 / NP	GILBERT, Henri	France Telecom R&D	POPE, Maurice		#20: 5.0.0 #22: 5.1.0 edito 5.1.1 #31:5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/09-520.zip
02.09	Security Aspects	R1997	6.1.0		Yes	S3	S1 / NP	GILBERT, Henri	France Telecom R&D	POPE, Maurice		#27: 6.0.0 edito:6.0.1 #31:6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/09-610.zip
02.09	Security Aspects	R1998	7.1.0		Yes	S3	S1 / NP	GILBERT, Henri	France Telecom R&D	POPE, Maurice		#29: 7.0.0 #31:7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/09-710.zip
02.09	Security Aspects	R1999	8.0.0		Yes	S3	S1 / NP	GILBERT, Henri	France Telecom R&D	POPE, Maurice		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/09-800.zip
02.11	Service Accessibility	Ph1-DCS	3.1.0		No	S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#4: 3.1.0	link not available a present



02.11	Service Accessibility	Ph1	3.7.0		No	S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#4: 3.7.0	link not available a present
02.11	Service Accessibility	Ph2	4.9.0		Yes	S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#7: 4.5.1 #10: 4.6.0 #16: 4.8.0 #17: 4.9.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/02series/021-490.zip
02.11	Service Accessibility	R1996	5.0.1		Yes	S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/011-501.zip
02.11	Service Accessibility	R1997	6.0.0		Yes	S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#26: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/011-600.zip
02.11	Service Accessibility	R1998	7.0.1		Yes	S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#27: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/011-701.zip
02.16	International Mobile Station Equipment Identities (IMEI)	Ph1	3.0.1		Yes	S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/02series/021-301.zip
02.16	International Mobile Station Equipment Identities (IMEI)	Ph2	4.7.0		Yes	S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#7: 4.3.1 #12: 4.4.0 #13: 4.5.0 #30: 4.6.0 TSG#8:4.7.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/02series/021-470.zip
02.16	International Mobile Station Equipment Identities (IMEI)	R1996	5.2.0		Yes	S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#20: 5.0.0 #30: 5.1.0 TSG#8:5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/016-520.zip
02.16	International Mobile Station Equipment Identities (IMEI)	R1997	6.2.0		Yes	S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#27: 6.0.0 #30: 6.1.0 TSG#8:6.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/016-620.zip
02.16	International Mobile Station Equipment Identities (IMEI)	R1998	7.2.0		Yes	S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		#29: 7.0.0 #30: 7.1.0 TSG#8:7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/016-720.zip
02.17	Subscriber Identity Modules, Functional Characteristics	Ph1	3.2.0		Yes	T3	S1	GREEN, Mark	ORANGE PCS LTD	SANDERS, Michael		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/02series/021-320.zip
02.17	Subscriber Identity Modules, Functional	Ph2	4.3.3		Yes	T3	S1	GREEN, Mark	ORANGE PCS LTD	SANDERS, Michael		#7: 4.2.0 #8: 4.3.1	ftp://ftp.3gp.org/Specs/2000-

		Characteristics												09/Ph2/02 series/021-433.zip
02.17	Subscriber Identity Modules, Functional Characteristics	R1996	5.1.1		Yes	T3	S1	GREEN, Mark	ORANGE PCS LTD	SANDERS, Michael			#20: 5.0.0 #27: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/017-511.zip
02.17	Subscriber Identity Modules, Functional Characteristics	R1997	6.0.0		Yes	T3	S1	GREEN, Mark	ORANGE PCS LTD	SANDERS, Michael			#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/017-600.zip
02.17	Subscriber Identity Modules, Functional Characteristics	R1998	7.1.1		Yes	T3	S1	GREEN, Mark	ORANGE PCS LTD	SANDERS, Michael			7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/017-711.zip
02.17	Subscriber Identity Modules, Functional Characteristics	R1999	8.0.0		Yes	T3	S1	GREEN, Mark	ORANGE PCS LTD	SANDERS, Michael			7.1.0 #30: 8.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/017-800.zip
02.19	Subscriber Identity Module Application Programming Interface (SIM API); Service description; Stage 1	R1998	7.1.0		Yes	T3	-	DIETRICH, Christian	Schlumberger Industries	SANDERS, Michael	SMG9->T3@#31		#27: 7.0.0 #29: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/019-710.zip
02.19	Subscriber Identity Module Application Programming Interface (SIM API); Service description; Stage 1	R1999	8.0.0		No	T3	-	DIETRICH, Christian	Schlumberger Industries	SANDERS, Michael	SMG9->T3@#31		.	link not available a present
02.22	Stage 1 for Personalisation of GSM ME	R1996	5.4.0		Yes	S1		DURAND, Romain	ALCATEL France	CLAYTON, Michael			#17: 5.0.0 #19: 5.1.0 #20: 5.2.0 #23: 5.3.0 #25: 5.3.1 #26: 5.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/022-540.zip
02.22	Stage 1 for Personalisation of GSM ME	R1997	6.0.0		Yes	S1		DURAND, Romain	ALCATEL France	CLAYTON, Michael			#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/022-600.zip
02.22	Stage 1 for Personalisation of GSM ME	R1998	7.0.0		Yes	S1		DURAND, Romain	ALCATEL France	CLAYTON, Michael			#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/022-700.zip
02.24	Description of Charge Advice Information (CAI)	Ph2	4.5.0		Yes	S1		DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael			#7: 4.1.1 #8: 4.2.0 #9: 4.2.1 #10: 4.3.0 #11: 4.4.0 #15: 4.5.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/02 series/022-450.zip
02.24	Description of Charge Advice Information (CAI)	R1996	5.0.1		Yes	S1		DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael			#20: 5.0.0	ftp://ftp.3gp.org/Spec



		Service description - Stage 1												s/2000-09/R1999/2_series/032-800.zip
02.33	Lawful Interception - Stage 1	R1998	7.3.0		Yes	S3		MILES, David F.	BT Cellnet	POPE, Maurice		#20: 5.0.0 #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0 #29: 7.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/033-730.zip	
02.33	Lawful Interception - Stage 1	R1999	8.0.0		Yes	S3		MILES, David F.	BT Cellnet	POPE, Maurice		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/033-800.zip	
02.34	High Speed Circuit Switched Data (HSCSD) - Stage 1	R1996	5.2.1		Yes	S1		MUHONEN, Ahti	NOKIA Corporation	CLAYTON, Michael		#21: 5.1.0 #22: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/034-521.zip	
02.34	High Speed Circuit Switched Data (HSCSD) - Stage 1	R1997	6.0.0		Yes	S1		MUHONEN, Ahti	NOKIA Corporation	CLAYTON, Michael		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/034-600.zip	
02.34	High Speed Circuit Switched Data (HSCSD) - Stage 1	R1998	7.0.0		Yes	S1		MUHONEN, Ahti	NOKIA Corporation	CLAYTON, Michael		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/034-700.zip	
02.34	High Speed Circuit Switched Data (HSCSD) - Stage 1	R1999	8.1.0		Yes	S1		MUHONEN, Ahti	NOKIA Corporation	CLAYTON, Michael		#28: 8.0.0 #29: 8.1.0 (to be deleted, moved to 3GPP)	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/034-810.zip	
02.38	SIM application toolkit (SAT); Stage 1	R1996	1.2.0		No	S1	SCP	..,		CLAYTON, Michael	Moved from T3 Jan-00.	#29 for information	(look in drafts directory)	
02.40	Procedures for Call Progress Indications	Ph1	3.2.0		Yes	S1	NP	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	R99 -> 22.101	.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/02_series/024-320.zip	
02.40	Procedures for Call Progress Indications	Ph2	4.5.0		Yes	S1	NP	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	R99 -> 22.101	#7: 4.2.1 #9: 4.3.0 #10: 4.4.0 #14: 4.5.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/02_series/024-450.zip	
02.40	Procedures for Call Progress Indications	R1996	5.0.0		Yes	S1	NP	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	R99 -> 22.101	#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/040-500.zip	
02.40	Procedures for Call Progress Indications	R1997	6.0.0		Yes	S1	NP	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	R99 -> 22.101	#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/0	

														40-600.zip
02.40	Procedures for Call Progress Indications	R1998	7.0.1		Yes	S1	NP	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	R99 -> 22.101	#27: 7.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/040-701.zip
02.40	Procedures for Call Progress Indications	R1999	8.0.0		No	S1	NP	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	R99 -> 22.101	#30: 8.0.0		link not available a present
02.41	Operator Determined Barring	Ph2	4.5.2		Yes	S1		..,		CLAYTON, Michael		#7: 4.4.1 #8: 4.5.0		ftp://ftp.3gp.org/Specs/2000-09/Ph2/02series/024-452.zip
02.41	Operator Determined Barring	R1996	5.1.1		Yes	S1		..,		CLAYTON, Michael		#16: 5.0.0 #21: 5.1.0 #24: 5.1.1		ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/041-511.zip
02.41	Operator Determined Barring	R1997	6.0.0		Yes	S1		..,		CLAYTON, Michael		#27: 6.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/041-600.zip
02.41	Operator Determined Barring	R1998	7.0.0		Yes	S1		..,		CLAYTON, Michael		#29: 7.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/041-700.zip
02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1	R1996	5.1.0		Yes	S1		GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#19: 5.0.0 #24: 5.1.0		ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/042-510.zip
02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1	R1997	6.0.0		Yes	S1		GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#27: 6.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/042-600.zip
02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1	R1998	7.0.0		Yes	S1		GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#29: 7.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/042-700.zip
02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1	R1999	8.0.0		Yes	S1		GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#29: 8.0.0 (to be deleted, moved to 3GPP)		ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/042-800.zip
02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1	R1998	7.3.0		Yes	S1		KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael		#27: 7.0.0 #29: 7.1.0 TSG#5 7.2.0 TSG#8:7.3.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/043-730.zip
02.48	Security mechanisms for	R1997	6.0.0		Yes	T3	S3	BARNES, David	DTI - Department	SANDERS,	SMG9-	#25: 6.0.0		ftp://ftp.3gp

		the SIM Application Toolkit; Stage 1								of Trade and Industry	Michael	>T3@#31		p.org/Specs/2000-09/R1997/2_series/048-600.zip
02.48		Security mechanisms for the SIM Application Toolkit; Stage 1	R1998	7.0.0		Yes	T3	S3	BARNES, David	DTI - Department of Trade and Industry	SANDERS, Michael	SMG9->T3@#31	#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/048-700.zip
02.48		Security mechanisms for the SIM Application Toolkit; Stage 1	R1999	8.0.0		Yes	T3	S3	BARNES, David	DTI - Department of Trade and Industry	SANDERS, Michael	SMG9->T3@#31	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/048-800.zip
02.53		Tandem Free Operation (TFO); Service description; Stage 1	R1998	7.0.1		Yes	S4		NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino	SMG11->S4 at SMG#30	#25: 7.0.0 (5.x.y withdrawn)	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/053-701.zip
02.56		GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	R1998	7.2.0		Yes	S1	-	GALLIGO, Michel	ALCATEL France	CLAYTON, Michael		#27: 7.0.0 #28: 7.1.0 #29: 7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/056-720.zip
02.56		GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	R1999	8.0.0		Yes	S1	-	GALLIGO, Michel	ALCATEL France	CLAYTON, Michael		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/056-800.zip
02.57		Mobile Station Application Execution Environment (MExE) Service description Stage 1	R1998	7.1.0		Yes	S1	-	..,		CLAYTON, Michael		#25: 7.0.0 #29: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/057-710.zip
02.57		Mobile Station Application Execution Environment (MExE) Service description Stage 1	R1999	8.0.0		Yes	S1	-	..,		CLAYTON, Michael		#29: 8.0.0 (to be deleted, moved to 3GPP)	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/057-800.zip
02.60		General Packet Radio Service Stage 1 Description	R1997	6.3.0		Yes	S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #28: 6.2.0 TSG#5 6.3.0 TSG#7:6.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/060-630.zip
02.60		General Packet Radio Service Stage 1 Description	R1998	7.5.0		Yes	S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.2.0 TSG#5 7.3.0. Suspect TSG#5 CR not approved. TSG#7: 7.4.0 TSG#8:7.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/060-750.zip
02.60		General Packet Radio Service Stage 1 Description	R1999	8.1.0		Yes	S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#28: 8.0.0 #29: 8.1.0 (deleted, moved to 3GPP)	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/060-810.zip

02.63	Packet Data on Signalling channels Service (PDS) - Stage 1	R1996	5.0.0		Yes	S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#19: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/063-500.zip
02.63	Packet Data on Signalling channels Service (PDS) - Stage 1	R1997	6.0.0		Yes	S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/063-600.zip
02.63	Packet Data on Signalling channels Service (PDS) - Stage 1	R1998	7.0.0		Yes	S1	-	CONRAD, Alan	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/063-700.zip
02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1	R1996	5.0.0		Yes	S1	-	..,		CLAYTON, Michael		#24: 5.0.0 @25: withdrawn	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/066-500.zip
02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1	R1998	7.1.0		Yes	S1	-	..,		CLAYTON, Michael		#24: 5.0.0 #25: 7.0.0 (5.0.0 withdrawn) TSG#7: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/066-710.zip
02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP) - Stage 1	R1996	5.1.1		Yes	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#16: 5.0.0 #19: 5.0.1 #20: 5.0.2 #22: 5.0.4 #29 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/067-511.zip
02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP) - Stage 1	R1997	6.1.1		Yes	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#27: 6.0.0 #29 6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/067-611.zip
02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP) - Stage 1	R1998	7.0.0		Yes	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/067-700.zip
02.68	Voice Group Call Service (VGCS) - Stage 1	R1996	5.2.1		Yes	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/068-521.zip
02.68	Voice Group Call Service (VGCS) - Stage 1	R1997	6.0.1		Yes	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/068-601.zip
02.68	Voice Group Call Service (VGCS) - Stage 1	R1998	7.0.1		Yes	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/068-701.zip

02.68	Voice Group Call Service (VGCS) - Stage 1	R1999	8.0.0		No	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#31:8.0.0	link not available a present
02.68	Voice Group Call Service (VGCS) - Stage 1	R2000	9.0.0		Yes	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#32:9.0.0 (based on CR to 8.0.0)	ftp://ftp.3gp.org/Specs/2000-09/R2000/2_series/068-900.zip
02.69	Voice Broadcast Service (VBS) - Stage 1	R1996	5.2.1		Yes	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/069-521.zip
02.69	Voice Broadcast Service (VBS) - Stage 1	R1997	6.0.1		Yes	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/069-601.zip
02.69	Voice Broadcast Service (VBS) - Stage 1	R1998	7.0.2		Yes	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/069-702.zip
02.69	Voice Broadcast Service (VBS) - Stage 1	R1999	8.0.0		Yes	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael			ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/069-800.zip
02.69	Voice Broadcast Service (VBS) - Stage 1	R2000	9.0.0		Yes	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#32:9.0.0 (based on CR to 8.0.0)	ftp://ftp.3gp.org/Specs/2000-09/R2000/2_series/069-900.zip
02.71	Location Services (LCS) - Stage 1	R1998	7.2.0		Yes	S1	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	CLAYTON, Michael		#28: 1.0.0 #29: 7.0.0 TSG#5 7.1.0 TSG#6: 7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/071-720.zip
02.72	Call Deflection Service description, Stage 1	R1998	7.2.1		Yes	S1	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael		#19: 5.0.0 #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/072-721.zip
02.76	Noise Suppression for the AMR	R1998	8.0.0		Yes	S4	-	..,		USAI, Paolino		#29: 2.0.0 but approval status unclear. R98 or R99? Conclusion: was approved, R99.	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/076-800.zip
02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	R1996	5.6.0		Yes	S1	-	KLEIER, Stephan	MANNESMANN Mobilfunk GmbH	CLAYTON, Michael		#19: 5.0.0 #20: 5.1.0 #21: 5.1.1 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0 #28: 5.6.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/078-560.zip



02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	R1997	6.4.0		Yes	S1	-	KLEIER, Stephan	MANNESMANN Mobilfunk GmbH	CLAYTON, Michael		#25: 6.0.0 #26: 6.1.0 #28: 6.2.0 #29: 6.3.0 TSG#5 6.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/078-640.zip
02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	R1998	7.0.0		Yes	S1	-	KLEIER, Stephan	MANNESMANN Mobilfunk GmbH	CLAYTON, Michael		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/078-700.zip
02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	R1999	8.0.0		No	S1	-	KLEIER, Stephan	MANNESMANN Mobilfunk GmbH	CLAYTON, Michael		#29: 8.0.0 (to be deleted, moved to 3GPP)	link not available a present
02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)	R1996	5.2.0		Yes	S1	-	FREY, Sophie	CEGETEL	CLAYTON, Michael		#19: 5.0.0 #20: 5.1.0 #28: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/079-520.zip
02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)	R1997	6.0.0		Yes	S1	-	FREY, Sophie	CEGETEL	CLAYTON, Michael		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/079-600.zip
02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)	R1998	7.0.0		Yes	S1	-	FREY, Sophie	CEGETEL	CLAYTON, Michael		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/079-700.zip
02.81	Line Identification Supplementary Services - Stage 1	Ph2	4.6.1		Yes	S1	-	BLOMSTRAND, Ola	TELIA AB	CLAYTON, Michael		#7: 4.3.1 #10: 4.4.0 #11: 4.4.1 #12: 4.5.0 #16: 4.5.1 #24: 4.6.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/02series/028-461.zip
02.81	Line Identification Supplementary Services - Stage 1	R1996	5.1.0		Yes	S1	-	BLOMSTRAND, Ola	TELIA AB	CLAYTON, Michael		#20: 5.0.0 #24: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/081-510.zip
02.81	Line Identification Supplementary Services - Stage 1	R1997	6.0.0		Yes	S1	-	BLOMSTRAND, Ola	TELIA AB	CLAYTON, Michael		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/081-600.zip
02.81	Line Identification Supplementary Services - Stage 1	R1998	7.0.0		Yes	S1	-	BLOMSTRAND, Ola	TELIA AB	CLAYTON, Michael		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/081-700.zip
02.82	Call Forwarding (CF) Supplementary Services - Stage 1	Ph1	3.6.1		Yes	S1	-	CHICHMANIAN, Anouch	France Telecom R&D	CLAYTON, Michael		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/02series/028









		Stage 1												
02.96	Name Identification Supplementary Services; Stage 1	R1997	6.0.1		Yes	S1	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	CLAYTON, Michael		#24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn) #27: 6.0.1	ftp://ftp.3gp.org/Specs/2000-09/R1997/2_series/096-601.zip	
02.96	Name Identification Supplementary Services; Stage 1	R1998	7.0.0		Yes	S1	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	CLAYTON, Michael		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/096-700.zip	
02.97	Multile Subscriber Profile (MSP) Service description, Stage 1	R1998	7.1.0		Yes	S1	-	...		CLAYTON, Michael		#19: 5.0.0 #22: 5.1.0 #23: 5.2.0 #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/097-710.zip	
03.01	Network Functions	Ph1	3.1.1		Yes	S2	NP	GAASVIK, Per-Ola	COMVIQ GSM AB	SULTAN, Alain	SMG3->SA2 @ TSG#7	.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/03_series/030-311.zip	
03.01	Network Functions	Ph2	4.0.4		Yes	S2	NP	GAASVIK, Per-Ola	COMVIQ GSM AB	SULTAN, Alain	SMG3->SA2 @ TSG#7	#7: 4.0.1	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03_series/030-404.zip	
03.01	Network Functions	R1996	5.1.0		Yes	S2	NP	GAASVIK, Per-Ola	COMVIQ GSM AB	SULTAN, Alain	SMG3->SA2 @ TSG#7	#17: 5.0.0 #18: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/001-510.zip	
03.01	Network Functions	R1997	6.1.0		Yes	S2	NP	GAASVIK, Per-Ola	COMVIQ GSM AB	SULTAN, Alain	SMG3->SA2 @ TSG#7	#27: 6.0.0 #28: 6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/001-610.zip	
03.01	Network Functions	R1998	7.0.0		Yes	S2	NP	GAASVIK, Per-Ola	COMVIQ GSM AB	SULTAN, Alain	SMG3->SA2 @ TSG#7	#29:7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/001-700.zip	
03.01	Network Functions	R1999	8.0.0		No	S2	NP	GAASVIK, Per-Ola	COMVIQ GSM AB	SULTAN, Alain	SMG3->SA2 @ TSG#7	.	link not available a present	
03.02	Network Architecture	Ph1	3.1.4		Yes	S2	NP / T2	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/03_series/030-314.zip	
03.02	Network Architecture	Ph2	4.2.1		Yes	S2	NP / T2	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain		#7: 4.0.1 #17: 4.1.0 #18: 4.2.1	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03_series/030-421.zip	
03.02	Network Architecture	R1996	5.3.0		Yes	S2	NP / T2	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain		#17: 5.0.0 #18: 5.1.0 #23: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/001-510.zip	

													#24: 5.3.0	p.org/Specs/2000-09/R1996/3_series/02-530.zip
03.02	Network Architecture	R1997	6.1.0		Yes	S2	NP / T2	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain			#25: 6.0.0 #26: 6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/02-610.zip
03.02	Network Architecture	R1998	7.1.0		Yes	S2	NP / T2	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain			#29: 7.0.0 S#6: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/02-710.zip
03.03	Numbering, Addressing and Identification	Ph1	3.6.0		Yes	N4	T2	GAASVIK, Per-Ola	COMVIQ GSM AB	SETTIMO, Franco			#8: 3.6.0	ftp://ftp.3gp.org/Specs/2000-09/Ph1/03_series/030-360.zip
03.03	Numbering, Addressing and Identification	Ph2	4.b.0		Yes	N4	T2	GAASVIK, Per-Ola	COMVIQ GSM AB	SETTIMO, Franco			#7: 4.5.0 #8: 4.6.0 #9: 4.8.0 #12: 4.9.0 TSG#7: 4.10.0 TSG#8:4.11.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03_series/030-4b0.zip
03.03	Numbering, Addressing and Identification	R1996	5.4.0		Yes	N4	T2	GAASVIK, Per-Ola	COMVIQ GSM AB	SETTIMO, Franco			#17: 5.0.0 #25: 5.1.0 #29: 5.2.0 TSG#7: 5.3.0 TSG#8:5.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/03-540.zip
03.03	Numbering, Addressing and Identification	R1997	6.6.0		Yes	N4	T2	GAASVIK, Per-Ola	COMVIQ GSM AB	SETTIMO, Franco			#25: 6.0.0 #26: 6.1.0 #28: 6.2.0 #29: 6.3.0 TSG#5 6.4.0 TSG#7: 6.5.0 TSG#8:6.6.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/03-660.zip
03.03	Numbering, Addressing and Identification	R1998	7.5.0		Yes	N4	T2	GAASVIK, Per-Ola	COMVIQ GSM AB	SETTIMO, Franco			#25: 6.0.0 #26: 6.1.0 #28: 7.0.0 #29: 7.1.0 TSG#5 7.2.0 TSG#6 7.3.0 edito:7.3.1 TSG#7: 7.4.0 TSG#8:7.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/03-750.zip
03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	Ph1	3.1.0		Yes	N4	SPAN / T2	..,		SETTIMO, Franco			.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/03_series/030-310.zip
03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	Ph2	4.0.4		Yes	N4	SPAN / T2	..,		SETTIMO, Franco			#7: 4.0.1	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03_series/030-404.zip
03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	R1996	5.0.0		Yes	N4	SPAN / T2	..,		SETTIMO, Franco			#20: 5.0.0 (To be withdrawn)	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/04-500.zip
03.04	Signalling Requirements	R1997	6.0.0		Yes	N4	SPAN / T2	..,		SETTIMO,			#27: 6.0.0 (To be withdrawn)	ftp://ftp.3gp

		Relating to Routing of Calls to Mobile Subscribers									Franco			p.org/Specs/2000-09/R1997/3_series/04-600.zip
03.05	Technical performance objectives	Ph1	3.2.0		Yes	NP	-	..,			BOSWARTHIC K, David		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/03series/030-320.zip
03.05	Technical performance objectives	Ph2	4.1.0		Yes	NP	-	..,			BOSWARTHIC K, David		#7: 4.0.0 #19:4.1.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/030-410.zip
03.05	Technical performance objectives	R1996	5.0.0		Yes	NP	-	..,			BOSWARTHIC K, David		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/05-500.zip
03.05	Technical performance objectives	R1997	6.0.0		Yes	NP	-	..,			BOSWARTHIC K, David		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/05-600.zip
03.05	Technical performance objectives	R1998	7.0.0		Yes	NP	-	..,			BOSWARTHIC K, David		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/05-700.zip
03.05	Technical performance objectives	R1999	8.0.0		Yes	NP	-	..,			BOSWARTHIC K, David		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/05-800.zip
03.07	Restoration Procedures	Ph1	3.2.1		Yes	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	SETTIMO, Franco			.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/03series/030-321.zip
03.07	Restoration Procedures	Ph2	4.3.1		Yes	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	SETTIMO, Franco			#7: 4.2.0 #10: 4.3.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/030-431.zip
03.07	Restoration Procedures	R1996	5.1.0		Yes	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	SETTIMO, Franco			#20: 5.0.0 #23: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/07-510.zip
03.07	Restoration Procedures	R1997	6.2.0		Yes	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	SETTIMO, Franco			#25: 6.0.0 #26: 6.1.0 #29: 6.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/07-620.zip
03.07	Restoration Procedures	R1998	7.1.0		Yes	N4	-	PARK, Ian David	VODAFONE	SETTIMO,			#29: 7.0.0 N#6: 7.1.0	ftp://ftp.3gp



									Chalmers	Group Plc	Franco			p.org/Specs/2000-09/R1998/3_series/007-710.zip
03.08	Organization of Subscriber Data	Ph1	3.7.0		Yes	N4	-		BAUER, Rolf	ALCATEL SEL AG	SETTIMO, Franco		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/03series/030-370.zip
03.08	Organization of Subscriber Data	Ph2	4.8.0		Yes	N4	-		BAUER, Rolf	ALCATEL SEL AG	SETTIMO, Franco		#7: 4.5.0 #8: 4.5.1 #9: 4.6.0 #10: 4.7.0 #18: 4.8.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/030-480.zip
03.08	Organization of Subscriber Data	R1996	5.2.0		Yes	N4	-		BAUER, Rolf	ALCATEL SEL AG	SETTIMO, Franco		#18: 5.0.0 #21: 5.1.0 #23: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/008-520.zip
03.08	Organization of Subscriber Data	R1997	6.4.0		Yes	N4	-		BAUER, Rolf	ALCATEL SEL AG	SETTIMO, Franco		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 TSG#7: 6.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/008-640.zip
03.08	Organization of Subscriber Data	R1998	7.3.0		Yes	N4	-		BAUER, Rolf	ALCATEL SEL AG	SETTIMO, Franco		#28: 7.0.0 #29: 7.1.0 TSG#6: 7.2.0 TSG#7: 7.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/008-730.zip
03.09	Handover Procedures	Ph1	3.2.1		Yes	N1	-		FARHOUMAND, Rouzbeh	Ericsson Incorporated	AL -BAKRI, Ban		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/03series/030-321.zip
03.09	Handover Procedures	Ph2	4.6.0		Yes	N1	-		FARHOUMAND, Rouzbeh	Ericsson Incorporated	AL -BAKRI, Ban		#7: 4.1.0 #8: 4.2.0 #9: 4.2.1 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #17: 4.6.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/030-460.zip
03.09	Handover Procedures	R1996	5.1.0		Yes	N1	-		FARHOUMAND, Rouzbeh	Ericsson Incorporated	AL -BAKRI, Ban		#18: 5.0.0 #22: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/009-510.zip
03.09	Handover Procedures	R1997	6.0.0		Yes	N1	-		FARHOUMAND, Rouzbeh	Ericsson Incorporated	AL -BAKRI, Ban		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/009-600.zip
03.09	Handover Procedures	R1998	7.0.0		Yes	N1	-		FARHOUMAND, Rouzbeh	Ericsson Incorporated	AL -BAKRI, Ban		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/009-700.zip
03.10	GSM Public Land Mobile	Ph1	3.3.0		Yes	N3	-		BRAUN, Achim	ALCATEL SEL	BOSWARTHIC		.	ftp://ftp.3gp

		Network (PLMN) Connection Types								AG	K, David			p.org/Specs/2000-09/Ph1/03series/031-330.zip
03.10		GSM Public Land Mobile Network (PLMN) Connection Types	Ph2	4.3.1		Yes	N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHIC K, David		#7: 4.2.1 #8: 4.3.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/031-431.zip
03.10		GSM Public Land Mobile Network (PLMN) Connection Types	R1996	5.4.0		Yes	N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHIC K, David		#16: 5.0.0 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/010-540.zip
03.10		GSM Public Land Mobile Network (PLMN) Connection Types	R1997	6.0.0		Yes	N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHIC K, David		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/010-600.zip
03.10		GSM Public Land Mobile Network (PLMN) Connection Types	R1998	7.0.1		Yes	N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHIC K, David		#27: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/010-701.zip
03.10		GSM Public Land Mobile Network (PLMN) Connection Types	R1999	8.1.0		Yes	N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHIC K, David		#29: 8.0.0 TSG#6: 8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/010-810.zip
03.11		Technical Realization of Supplementary Services - General Aspects	Ph1	3.1.1		Yes	N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	SETTIMO, Franco		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/03series/031-311.zip
03.11		Technical Realization of Supplementary Services - General Aspects	Ph2	4.a.1		Yes	N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	SETTIMO, Franco		#7: 4.4.0 #9: 4.5.0 #10: 4.6.0 #11: 4.7.0 #12: 4.8.0 #14: 4.9.0 #18: 4.10.1	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/031-4a1.zip
03.11		Technical Realization of Supplementary Services - General Aspects	R1996	5.0.1		Yes	N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	SETTIMO, Franco		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/011-501.zip
03.11		Technical Realization of Supplementary Services - General Aspects	R1997	6.0.1		Yes	N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	SETTIMO, Franco		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/011-601.zip
03.11		Technical Realization of Supplementary Services - General Aspects	R1998	7.0.1		Yes	N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	SETTIMO, Franco		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/011-701.zip
03.12		Location Registration	Ph1-	3.0.1		No	N4	-	GAASVIK, Per-Ola	COMVIQ GSM	SETTIMO,		.	link not

		Procedures	DCS							AB	Franco			available a present
03.12	Location Registration Procedures	Ph1	3.3.0		Yes	N4	-	GAASVIK, Per-Ola	COMVIQ GSM AB	SETTIMO, Franco				ftp://ftp.3gp.org/Specs/2000-09/Ph1/03series/031-330.zip
03.12	Location Registration Procedures	Ph2	4.4.2		Yes	N4	-	GAASVIK, Per-Ola	COMVIQ GSM AB	SETTIMO, Franco		#7: 4.3.0 #8: 4.4.0		ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/031-442.zip
03.12	Location Registration Procedures	R1996	5.0.0		Yes	N4	-	GAASVIK, Per-Ola	COMVIQ GSM AB	SETTIMO, Franco		#20: 5.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/012-500.zip
03.12	Location Registration Procedures	R1997	6.0.0		Yes	N4	-	GAASVIK, Per-Ola	COMVIQ GSM AB	SETTIMO, Franco		#27: 6.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/012-600.zip
03.12	Location Registration Procedures	R1998	7.0.0		Yes	N4	-	GAASVIK, Per-Ola	COMVIQ GSM AB	SETTIMO, Franco		#29: 7.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/012-700.zip
03.13	Discontinuous Reception (DRX) in the GSM System	Ph1	3.0.2		Yes	GP	-	..,		USAI, Paolino				ftp://ftp.3gp.org/Specs/2000-09/Ph1/03series/031-302.zip
03.13	Discontinuous Reception (DRX) in the GSM System	Ph2	4.0.4		Yes	GP	-	..,		USAI, Paolino		#7: 4.0.1		ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/031-404.zip
03.13	Discontinuous Reception (DRX) in the GSM System	R1996	5.0.0		Yes	GP	-	..,		USAI, Paolino		#17: 5.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/013-500.zip
03.13	Discontinuous Reception (DRX) in the GSM System	R1997	6.0.0		Yes	GP	-	..,		USAI, Paolino		#27: 6.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/013-600.zip
03.13	Discontinuous Reception (DRX) in the GSM System	R1998	7.0.0		Yes	GP	-	..,		USAI, Paolino		#29: 7.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/013-700.zip
03.13	Discontinuous Reception (DRX) in the GSM System	R1999	8.0.0		Yes	GP	-	..,		USAI, Paolino				ftp://ftp.3gp.org/Specs/2000-09/R1999/





03.20	Security-related Network Functions	R1998	7.3.0		No	S3	NP / GP	GILBERT, Henri	France Telecom R&D	POPE, Maurice		#28: 7.0.0 SMG#29: 7.1.0 #30: 7.2.0 #32:7.3.0	link not available a present
03.20	Security-related Network Functions	R1999	8.1.0		No	S3	NP / GP	GILBERT, Henri	France Telecom R&D	POPE, Maurice		#32:8.1.0	link not available a present
03.22	Functions Related to Mobile Station (MS) in Idle Mode	Ph2	4.b.0		Yes	G2	N1	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert	Moved from SMG3 Jan 2000	#7: 4.4.0 #9: 4.5.0 #10: 4.6.0 #11: 4.7.0 #12: 4.8.0 #14: 4.9.0 #16: 4.10.0 #17: 4.11.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/032-4b0.zip
03.22	Functions Related to Mobile Station (MS) in Idle Mode	R1996	5.3.1		Yes	G2	N1	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert	Moved from SMG3 Jan 2000	#20: 5.0.0 #21: 5.1.0 #22: 5.2.0 #26: 5.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/022-531.zip
03.22	Functions Related to Mobile Station (MS) in Idle Mode	R1997	6.2.0		Yes	G2	N1	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert	Moved from SMG3 Jan 2000	#26: 6.0.0 #28: 6.1.0 SMG#29: 6.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/022-620.zip
03.22	Functions Related to Mobile Station (MS) in Idle Mode	R1998	7.3.0		Yes	G2	N1	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert	Moved from SMG3 Jan 2000	#28: 7.0.0 SMG#29: 7.1.0 #30: 7.2.0 tsg#6: 7.3.0 but TSG has no right to do so!	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/022-730.zip
03.22	Functions Related to Mobile Station (MS) in Idle Mode	R1999	8.3.0		Yes	G2	N1	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert	Moved from SMG3 Jan 2000	#29: 8.0.0 #30: 8.1.0 #30bis: 8.2.0 eds 8.2.1 #31:8.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/022-830.zip
03.26	Multiband operation of GSM/DCS 1800 by a single operator	Ph2	4.3.0		Yes	GP	NP	..,		USAI, Paolino		#18: 4.1.0 #22: 4.2.0 #23: 4.3.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/032-430.zip
03.26	Multiband operation of GSM/DCS 1800 by a single operator	R1996	5.2.0		Yes	GP	NP	..,		USAI, Paolino		#20: 5.0.0 #22: 5.1.0 #23: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/026-520.zip
03.26	Multiband operation of GSM/DCS 1800 by a single operator	R1997	6.0.0		Yes	GP	NP	..,		USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/026-600.zip
03.26	Multiband operation of GSM/DCS 1800 by a single operator	R1998	7.0.0		Yes	GP	NP	..,		USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/026-700.zip
03.26	Multiband operation of GSM/DCS 1800 by a single operator	R1999	8.0.0		Yes	GP	NP	..,		USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/026-800.zip

03.30	Radio Network Planning Aspects	Ph2	4.3.0		Yes	GP	-	STEVENS, Peter John	One 2 one	USAI, Paolino		#7: 4.2.0 #9: 4.2.1 #13: 4.3.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/033-430.zip
03.30	Radio Network Planning Aspects	R1996	5.0.0		Yes	GP	-	STEVENS, Peter John	One 2 one	USAI, Paolino		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/030-500.zip
03.30	Radio Network Planning Aspects	R1997	6.0.1		Yes	GP	-	STEVENS, Peter John	One 2 one	USAI, Paolino		#26: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/030-601.zip
03.30	Radio Network Planning Aspects	R1998	7.1.0		Yes	GP	-	STEVENS, Peter John	One 2 one	USAI, Paolino		#29: 7.0.0 #31:7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/030-710.zip
03.30	Radio Network Planning Aspects	R1999	8.3.0		Yes	GP	-	STEVENS, Peter John	One 2 one	USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/030-830.zip
03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2	R1998	7.0.0		Yes	S3	-	WRIGHT, Tim	BT	POPE, Maurice		#26: 7.0.0 (was rumoured to be a need for .1 but nothing more known.)	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/031-700.zip
03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2	R1999	8.0.0		Yes	S3	-	WRIGHT, Tim	BT	POPE, Maurice		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/031-800.zip
03.32	Universal Geographical Area Description (GAD)	R1996	5.2.0		Yes	S2	-	..,		SULTAN, Alain		#23: 5.0.0 #26: 5.1.0 #27: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/032-520.zip
03.32	Universal Geographical Area Description (GAD)	R1997	6.0.0		Yes	S2	-	..,		SULTAN, Alain		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/032-600.zip
03.32	Universal Geographical Area Description (GAD)	R1998	7.1.0		Yes	S2	-	..,		SULTAN, Alain		#29: 7.0.0 TSG#8:7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/032-710.zip
03.33	Lawful Interception - stage 2	R1998	7.1.0		Yes	S3	-	MILES, David F.	BT Cellnet	POPE, Maurice		#27: for info #28: 7.0.0 #29: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/033-710.zip

03.33	Lawful Interception - stage 2	R1999	8.0.0		Yes	S3	-	MILES, David F.	BT Cellnet	POPE, Maurice		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/033-800.zip
03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	R1996	5.2.0		Yes	N1	-	MUHONEN, Ahti	NOKIA Corporation	AL -BAKRI, Ban		#21: 5.0.0 #26: 5.1.0 #28: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/034-520.zip
03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	R1997	6.0.0		Yes	N1	-	MUHONEN, Ahti	NOKIA Corporation	AL -BAKRI, Ban		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/034-600.zip
03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	R1998	7.0.0		Yes	N1	-	MUHONEN, Ahti	NOKIA Corporation	AL -BAKRI, Ban		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/034-700.zip
03.35	Immediate Service Termination (IST); Stage 2	R1998	7.0.0		Yes	S3	-	WRIGHT, Tim	BT	POPE, Maurice		#27: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/035-700.zip
03.35	Immediate Service Termination (IST); Stage 2	R1999	8.0.0		Yes	S3	-	WRIGHT, Tim	BT	POPE, Maurice		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/035-800.zip
03.38	Alphabets and Language Specific Information for GSM	Ph2	4.0.1		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#10: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/033-401.zip
03.38	Alphabets and Language Specific Information for GSM	R1996	5.6.1		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/038-561.zip
03.38	Alphabets and Language Specific Information for GSM	R1997	6.0.1		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#25: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/038-601.zip
03.38	Alphabets and Language Specific Information for GSM	R1998	7.2.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#26: 7.0.0 #28: 7.1.0 #29: 7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/038-720.zip
03.39	Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short	Ph2	4.0.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#16: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/033-400.zip



		Message Service Centers (SMSCs) to Short Message Entities (SMEs)												
03.39		Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	R1996	5.0.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/039-500.zip
03.39		Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	R1997	6.0.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/039-600.zip
03.39		Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	R1998	7.0.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		need identified 2000-03-29	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/039-700.zip
03.40		Technical Realization of the Short Message Service (SMS) Point-to-point (PP)	Ph1	3.7.0		No	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#8: 3.6.0 #9: 3.7.0	link not available a present
03.40		Technical Realization of the Short Message Service (SMS) Point-to-point (PP)	Ph2	4.d.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#7: 4.6.0 #8: 4.7.0 #10: 4.8.1 #11: 4.9.0 #15: 4.11.0 #16: 4.12.0 #18: 4.13.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/034-4d0.zip
03.40		Technical Realization of the Short Message Service (SMS) Point-to-point (PP)	R1996	5.8.1		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0 #23: 5.7.0 #26: 5.8.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/040-581.zip
03.40		Technical Realization of the Short Message Service (SMS) Point-to-point (PP)	R1997	6.1.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#23: 6D1.0 #24: 6D2.0 #25: 6.0.0 #26: 6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/040-610.zip
03.40		Technical Realization of the Short Message Service (SMS) Point-to-point (PP)	R1998	7.4.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#26: 7.0.0 #27: 7.1.0 #29: 7.2.0 TSG#5 7.3.0 TSG#6: 7.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/040-740.zip
03.41		Technical Realization of	Ph1	3.4.0		Yes	T2	-	HARRIS, Ian	VODAFONE	RODERMUND,		.	ftp://ftp.3gp.org/Spec

		Short Message Service Cell Broadcast (SMSCB)								Group Plc	Friedhelm			s/2000-09/Ph1/03 series/034-340.zip
03.41		Technical Realization of Short Message Service Cell Broadcast (SMSCB)	Ph2	4.b.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#7: 4.4.1 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #11: 4.8.0 #12: 4.9.0 #13: 4.10.0 #16: 4.11.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03 series/034-4b0.zip
03.41		Technical Realization of Short Message Service Cell Broadcast (SMSCB)	R1996	5.9.1		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0 #23: 5.7.0 #24: 5.8.0 #26: 5.9.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/041-591.zip
03.41		Technical Realization of Short Message Service Cell Broadcast (SMSCB)	R1997	6.1.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#25: 6.0.0 #26: 6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/041-610.zip
03.41		Technical Realization of Short Message Service Cell Broadcast (SMSCB)	R1998	7.3.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#28: 7.0.0 #29: 7.1.0 TSG#6: 7.2.0 TSG#7: 7.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/041-730.zip
03.42		SMS Compression	R1996	5.2.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#21: 5.0.0 #22: 5.1.0 #23: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/042-520.zip
03.42		SMS Compression	R1997	6.0.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/042-600.zip
03.42		SMS Compression	R1998	7.1.1		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#26: 7.0.0 #28: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/042-711.zip
03.43		Support of Videotex	Ph1	3.0.1		Yes	T2	-	DI TRIA, Paolo	CSELT - Centro Studi e Laboratori Telecomunicazioni	RODERMUND, Friedhelm		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/03 series/034-301.zip
03.43		Support of Videotex	Ph2	4.1.2		Yes	T2	-	DI TRIA, Paolo	CSELT - Centro Studi e Laboratori Telecomunicazioni	RODERMUND, Friedhelm		#7: 4.1.1	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03 series/034-412.zip
03.43		Support of Videotex	R1996	5.0.0		Yes	T2	-	DI TRIA, Paolo	CSELT - Centro Studi e Laboratori Telecomunicazioni	RODERMUND, Friedhelm		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/043-500.zip
03.43		Support of Videotex	R1997	6.0.0		Yes	T2	-	DI TRIA, Paolo	CSELT - Centro Studi e Laboratori	RODERMUND, Friedhelm		#27: 6.0.0	ftp://ftp.3gp.org/Spec

										Telecomunicazioni				s/2000-09/R1997/3_series/043-600.zip
03.43	Support of Videotex	R1998	7.0.0	Jun 00	Yes	T2	-		DI TRIA, Paolo	CSELT - Centro Studi e Laboratori Telecomunicazioni	RODERMUND, Friedhelm		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/043-700.zip
03.43	Support of Videotex	R2000	8.0.0		No	T2	-		DI TRIA, Paolo	CSELT - Centro Studi e Laboratori Telecomunicazioni	RODERMUND, Friedhelm		Frozen at v7	link not available at present
03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	Ph1	3.0.1		Yes	T2	-		..,		RODERMUND, Friedhelm		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/03series/034-301.zip
03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	Ph2	4.0.1		Yes	T2	-		..,		RODERMUND, Friedhelm		#7: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/034-401.zip
03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	R1996	5.0.0		Yes	T2	-		..,		RODERMUND, Friedhelm		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/044-500.zip
03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	R1997	6.0.0		Yes	T2	-		..,		RODERMUND, Friedhelm		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/044-600.zip
03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	R1998	7.0.0	Jun 00	Yes	T2	-		..,		RODERMUND, Friedhelm		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/044-700.zip
03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	R1999	8.0.0		No	T2	-		..,		RODERMUND, Friedhelm		Frozen at v7	link not available at present
03.45	Technical Realization of Facsimile Group 3 Service - transparent	Ph1	3.3.0		Yes	N3	-		..,		BOSWARTHIC K, David		#5: 3.2.0 #6: 3.3.0 (exists in PDF only)	ftp://ftp.3gp.org/Specs/2000-09/Ph1/03series/034-330.zip
03.45	Technical Realization of Facsimile Group 3 Service - transparent	Ph2	4.5.0		Yes	N3	-		..,		BOSWARTHIC K, David		#7: 4.2.1 #8: 4.3.0 #9: 4.3.1 #10: 4.4.0 #11: 4.4.1 #14: 4.5.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/034-450.zip
03.45	Technical Realization of Facsimile Group 3 Service - transparent	R1996	5.2.1		Yes	N3	-		..,		BOSWARTHIC K, David		#20: 5.0.0 #21: 5.1.0 #22: #5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/0



		Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)																09/R1996/3_series/047-500.zip
03.47		Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)	R1997	6.0.0		Yes	T2	-	..,			RODERMUND, Friedhelm			#27: 6.0.0			ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/047-600.zip
03.47		Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)	R1998	7.0.0	Jun 00	Yes	T2	-	..,			RODERMUND, Friedhelm			#29: 7.0.0			ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/047-700.zip
03.47		Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)	R1999	8.0.0		No	T2	-	..,			RODERMUND, Friedhelm			Frozen at v7			link not available a present
03.48		Security Mechanisms for SIM Toolkit Application - Stage 2	R1997	6.2.0		Yes	T3	-	BARNES, David	DTI - Department of Trade and Industry	SANDERS, Michael	SMG9->T3@#31			#25: 6.0.0 #26: 6.1.0 #28: 6.2.0			ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/048-620.zip
03.48		Security Mechanisms for SIM Toolkit Application - Stage 2	R1998	7.0.1		Yes	T3	-	BARNES, David	DTI - Department of Trade and Industry	SANDERS, Michael	SMG9->T3@#31			#28: 7.0.0			ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/048-701.zip
03.48		Security Mechanisms for SIM Toolkit Application - Stage 2	R1999	8.3.0		Yes	T3	-	BARNES, David	DTI - Department of Trade and Industry	SANDERS, Michael	SMG9->T3@#31			#29: 8.0.0 #30: 8.1.0 #31:8.2.0 TSG#8:8.3.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/048-830.zip
03.49		Example Protocol Stacs for Interconnecting Cell Broadcast Centre (CBC) and Base Station Controler (BSC)	Ph2	4.6.0		Yes	T2	-	MEREDITH, Andrew	MOTOROLA Ltd	RODERMUND, Friedhelm				#7: 4.1.0 #8: 4.2.0 #11: 4.3.0 #12: 4.4.0 #13: 4.5.0 #16:4.6.0			ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/034-460.zip
03.49		Example Protocol Stacs for Interconnecting Cell Broadcast Centre (CBC) and Base Station Controler (BSC)	R1996	5.7.0		Yes	T2	-	MEREDITH, Andrew	MOTOROLA Ltd	RODERMUND, Friedhelm				#16: 5.0.0 #18: 5.1.0 #19: 5.2.0 #20: 5.3.0 #21: 5.4.0 #22: 5.5.0 #23: 5.6.0 #24: 5.7.0			ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/049-570.zip
03.49		Example Protocol Stacs for Interconnecting Cell Broadcast Centre (CBC) and Base Station Controler (BSC)	R1997	6.1.0		Yes	T2	-	MEREDITH, Andrew	MOTOROLA Ltd	RODERMUND, Friedhelm				#25: 6.0.0 #26: 6.1.0			ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/049-610.zip

03.49	Example Protocol Stacs for Interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)	R1998	7.0.0	Jun 00	Yes	T2	-	MEREDITH, Andrew	MOTOROLA Ltd	RODERMUND, Friedhelm		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/049-700.zip
03.49	Example Protocol Stacs for Interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)	R1999	8.0.0		No	T2	-	MEREDITH, Andrew	MOTOROLA Ltd	RODERMUND, Friedhelm		Frozen at v7	link not available a present
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	Ph1	3.4.0		Yes	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#4: 3.2.2 #8: 3.3.0 #11: 3.4.0	ftp://ftp.3gp.org/Specs/2000-09/Ph1/03series/035-340.zip
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	Ph2	4.6.1		Yes	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#8: 4.0.0 #9: 4.1.0 #15: 4.2.0 #24: 4.3.0 #25: 4.4.0 #27: 4.5.0 #28: 4.6.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/035-461.zip
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	R1996	5.4.0		Yes	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#17: 5.0.0 #20: 5.0.1 #24: 5.0.3 #25: 5.1.0 #27: 5.2.0 #28: 5.3.0 #32:5.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/050-540.zip
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	R1997	6.2.0		Yes	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#27: 6.0.0 #28: 6.1.0 #32:6.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/050-620.zip
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	R1998	7.1.0		Yes	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#29: 7.0.0 #32:7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/050-710.zip
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	R1999	8.1.0		Yes	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#32:8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/050-810.zip
03.51	GERAN overall description; stage 2	R2000	0.0.1		Yes	GP	-	SEBIRE, Guillaume	NOKIA Corporation	USAI, Paolino		Created after TSG#8.	(look in drafts directory)
03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface - Stage 2	R1998	7.1.0		Yes	GP	-	DESBLANCS, Philippe	ALCATEL France	USAI, Paolino		#28: 7.0.0 #29: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/052-710.zip
03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface - Stage 2	R1999	8.0.0		Yes	GP	-	DESBLANCS, Philippe	ALCATEL France	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/0

														52-800.zip
03.53	Tandem Free Operation (TFO); Service description; Stage 2	R1998	7.0.1		Yes	S4	NP / S2	FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)	USAI, Paolino	Mar00: prime responsibility txfrd to SMG11	#25: 7.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/053-701.zip
03.53	Tandem Free Operation (TFO); Service description; Stage 2	R1999	8.0.0		Yes	S4	NP / S2	FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)	USAI, Paolino	Mar00: prime responsibility txfrd to SMG11	.		ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/053-800.zip
03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2	R1996	5.2.0		Yes	N3	-	ROSTÖ, Tommy	TELIA AB	BOSWARTHIC K, David		#23: 5.1.0 #24: 5.2.0		ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/054-520.zip
03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2	R1997	6.0.0		Yes	N3	-	ROSTÖ, Tommy	TELIA AB	BOSWARTHIC K, David		#27: 6.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/054-600.zip
03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2	R1998	7.0.0		Yes	N3	-	ROSTÖ, Tommy	TELIA AB	BOSWARTHIC K, David		#29: 7.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/054-700.zip
03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2	R1998	7.1.0		Yes	S2	-	ROBERTS, Martin	Nortel	SULTAN, Alain		#27: for info #28: 7.0.0 #29: 7.1.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/056-710.zip
03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2	R1999	8.0.0		No	S2	-	ROBERTS, Martin	Nortel	SULTAN, Alain		.		link not available a present
03.57	Mobile Station Application Execution Environment (MEXE); Functional description; Stage 2	R1998	7.2.0		Yes	T2	-	CATALDO, Mark	MOTOROLA Ltd	RODERMUND, Friedhelm		#27: for info #29: 7.0.0 T#6: 7.1.0 expect TSG#7 CR to fix unimplementable one at TSG#6. TSG#7: 7.2.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/057-720.zip
03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	R1997	6.0.1		Yes	S4	-	MONFORT, Jean-Yves	France Telecom R&D	USAI, Paolino		#23: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)		ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/058-601.zip
03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	R1998	7.0.0		Yes	S4	-	MONFORT, Jean-Yves	France Telecom R&D	USAI, Paolino		#29: 7.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/058-700.zip
03.58	Characterisation, test methods and quality assessment for	R1999	8.0.0		Yes	S4	-	MONFORT, Jean-Yves	France Telecom R&D	USAI, Paolino		.		ftp://ftp.3gp.org/Specs/2000-09/R1999/





03.64	Overall description of the GPRS radio interface; Stage 2	R1999	8.6.0		No	G2	-	...		THOMASEN, Gert		#29: 8.0.0 #30: 8.1.0 #30b:8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:8.6.0	link not available a present
03.66	Support of GSM Mobile Number Portability (MNP); Stage 2	R1998	7.3.0		Yes	N4	-	LOPEZ SORIA, Luis	ERICSSON ESPANA S.A.	SETTIMO, Franco		#28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 (Expect 7.3.0 dealing with PE comments.) TSG#7: 7.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/066-730.zip
03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2	R1996	5.1.1		Yes	N4	-	MÜNNING, Dirk	DETECON GMBH	SETTIMO, Franco		#16: 5.0.0 #20: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/067-511.zip
03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2	R1997	6.1.0		Yes	N4	-	MÜNNING, Dirk	DETECON GMBH	SETTIMO, Franco		#27: 6.0.0 TSG#7: 6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/067-610.zip
03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2	R1998	7.1.0		Yes	N4	-	MÜNNING, Dirk	DETECON GMBH	SETTIMO, Franco		#29: 7.0.0 TSG#7: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/067-710.zip
03.68	Voice Group Call Service (VGCS); Stage 2	R1996	5.5.1		Yes	N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		#16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/068-551.zip
03.68	Voice Group Call Service (VGCS); Stage 2	R1997	6.2.0		Yes	N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		#25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 #32:6.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/068-620.zip
03.68	Voice Group Call Service (VGCS); Stage 2	R1998	7.1.0		Yes	N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		#29: 7.0.0 TSG#7: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/068-710.zip
03.68	Voice Group Call Service (VGCS); Stage 2	R1999	8.2.0		Yes	N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		#31: 8.0.0 TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/068-820.zip
03.68	Voice Group Call Service (VGCS); Stage 2	R2000	9.0.0		Yes	N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		#32:9.0.0 TSG#8:9.0.0	ftp://ftp.3gp.org/Specs/2000-09/R2000/3_series/068-900.zip
03.69	Voice Broadcast service (VBS); Stage 2	R1996	5.5.1		Yes	N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		#16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/069-551.zip
03.69	Voice Broadcast service (VBS); Stage 2	R1997	6.2.0		Yes	N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		#25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0	ftp://ftp.3gp.org/Spec

																		s/2000-09/R1997/3_series/069-620.zip
03.69	Voice Broadcast service (VBS); Stage 2	R1998	7.1.0		Yes	N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban			#29: 7.0.0 TSG#7: 7.1.0					ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/069-710.zip
03.69	Voice Broadcast service (VBS); Stage 2	R1999	8.2.0		Yes	N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban			TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0					ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/069-820.zip
03.69	Voice Broadcast service (VBS); Stage 2	R2000	9.0.0		Yes	N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban			#32:9.0.0 TSG#8:9.0.0					ftp://ftp.3gp.org/Specs/2000-09/R2000/3_series/069-900.zip
03.70	Routeing of Calls to/from Public Data Networks (PDN)	Ph1	3.0.0		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	.						ftp://ftp.3gp.org/Specs/2000-09/Ph1/03series/037-300.zip
03.70	Routeing of Calls to/from Public Data Networks (PDN)	Ph2	4.0.3		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#7: 4.0.0 #8: 4.0.1						ftp://ftp.3gp.org/Specs/2000-09/Ph2/03series/037-403.zip
03.70	Routeing of Calls to/from Public Data Networks (PDN)	R1996	5.0.0		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#20: 5.0.0						ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/070-500.zip
03.70	Routeing of Calls to/from Public Data Networks (PDN)	R1997	6.0.0		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#27: 6.0.0						ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/070-600.zip
03.70	Routeing of Calls to/from Public Data Networks (PDN)	R1998	7.0.0		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#29: 7.0.0						ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/070-700.zip
03.71	Location services (LCS); Stage 2	R1998	7.4.0		Yes	S2	-	BROOK, Richard	SAMSUNG Electronics Research Institute	SULTAN, Alain			#28: 1.0.0 #29: 7.0.0 S#6: 7.2.0 edito: 7.2.1 #31:7.3.0 #32:7.4.0 TSG#8:7.4.0					ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/071-740.zip
03.71	Location services (LCS); Stage 2	R1999	8.0.0		Yes	S2	-	BROOK, Richard	SAMSUNG Electronics Research Institute	SULTAN, Alain			Need identified at TSG#7, since 23.171 does not cover GSM.					ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/071-800.zip
03.72	Call Deflection stage 2	R1998	7.1.0		Yes	N4	-	..,		SETTIMO, Franco			#28: 7.0.0 TSG#5 7.1.0					ftp://ftp.3gp.org/Spec





		Stage 2								GmbH					s/2000-09/Ph2/03 series/038-441.zip
03.84	Multi Party (MPTY) Supplementary Services; Stage 2	R1996	5.0.0		Yes	N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	SETTIMO, Franco		#20: 5.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/084-500.zip	
03.84	Multi Party (MPTY) Supplementary Services; Stage 2	R1997	6.0.0		Yes	N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	SETTIMO, Franco		#27: 6.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/084-600.zip	
03.84	Multi Party (MPTY) Supplementary Services; Stage 2	R1998	7.0.0		Yes	N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	SETTIMO, Franco		#29: 7.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/084-700.zip	
03.85	Closed user Group (CUG) Supplementary Services; Stage 2	Ph2	4.2.1		Yes	N4	-	...		SETTIMO, Franco		#7: 4.0.0 #8: 4.1.0 #13: 4.2.0		ftp://ftp.3gp.org/Specs/2000-09/Ph2/03 series/038-421.zip	
03.85	Closed user Group (CUG) Supplementary Services; Stage 2	R1996	5.0.0		Yes	N4	-	...		SETTIMO, Franco		#20: 5.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/085-500.zip	
03.85	Closed user Group (CUG) Supplementary Services; Stage 2	R1997	6.0.0		Yes	N4	-	...		SETTIMO, Franco		#27: 6.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/085-600.zip	
03.85	Closed user Group (CUG) Supplementary Services; Stage 2	R1998	7.0.0		Yes	N4	-	...		SETTIMO, Franco		#29: 7.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/3_series/085-700.zip	
03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	Ph2	4.6.1		Yes	N4	-	...		SETTIMO, Franco		#7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #11: 4.5.0 #12: 4.6.0		ftp://ftp.3gp.org/Specs/2000-09/Ph2/03 series/038-461.zip	
03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	R1996	5.0.1		Yes	N4	-	...		SETTIMO, Franco		#20: 5.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/086-501.zip	
03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	R1997	6.0.1		Yes	N4	-	...		SETTIMO, Franco		#27: 6.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1997/3_series/086-601.zip	
03.86	Advice of Charge (AoC) Supplementary Services;	R1998	7.0.1		Yes	N4	-	...		SETTIMO, Franco		#29: 7.0.0		ftp://ftp.3gp.org/Spec	









04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	R1996	5.3.0		Yes	G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#18: 5.0.0 #21: 5.1.0 #22: 5.2.0 #24: 5.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/4_series/03-530.zip
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	R1997	6.0.0		Yes	G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#25: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/03-600.zip
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	R1998	7.0.0		Yes	G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/03-700.zip
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	R1999	8.0.0		Yes	G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#30: 8.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/03-800.zip
04.04	Layer 1 - General Requirements	Ph1	3.3.4		Yes	G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/04series/040-334.zip
04.04	Layer 1 - General Requirements	Ph2	4.0.4		Yes	G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#7: 4.0.1	ftp://ftp.3gp.org/Specs/2000-09/Ph2/04series/040-404.zip
04.04	Layer 1 - General Requirements	R1996	5.1.0		Yes	G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#20: 5.0.0 #24: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/4_series/04-510.zip
04.04	Layer 1 - General Requirements	R1997	6.0.0		Yes	G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#25: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/04-600.zip
04.04	Layer 1 - General Requirements	R1998	7.0.0		Yes	G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/04-700.zip
04.04	Layer 1 - General Requirements	R1999	8.1.0		Yes	G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#30: 8.0.0 #30b: 8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/04-810.zip
04.05	Data Link (DL) Layer General Aspects	Ph1	3.1.5		Yes	G2	-	...		THOMASEN, Gert		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/04

																				series/040-315.zip
04.05	Data Link (DL) Layer General Aspects	Ph2	4.0.3			Yes	G2	-	..			THOMASEN, Gert		#7: 4.0.0						ftp://ftp.3gp.org/Specs/2000-09/Ph2/04series/040-403.zip
04.05	Data Link (DL) Layer General Aspects	R1996	5.0.1			Yes	G2	-	..			THOMASEN, Gert		#20: 5.0.0						ftp://ftp.3gp.org/Specs/2000-09/R1996/4_series/05-501.zip
04.05	Data Link (DL) Layer General Aspects	R1997	6.0.1			Yes	G2	-	..			THOMASEN, Gert		#27: 6.0.0						ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/05-601.zip
04.05	Data Link (DL) Layer General Aspects	R1998	7.1.1			Yes	G2	-	..			THOMASEN, Gert		#29: 7.0.0 #31:7.1.0						ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/05-711.zip
04.05	Data Link (DL) Layer General Aspects	R1999	8.0.0			Yes	G2	-	..			THOMASEN, Gert		.						ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/05-800.zip
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	Ph1	3.9.0			Yes	G2	-	..			THOMASEN, Gert		.						ftp://ftp.3gp.org/Specs/2000-09/Ph1/04series/040-390.zip
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	Ph2	4.4.0			Yes	G2	-	..			THOMASEN, Gert		#7: 4.2.0 #8: 4.3.0 #11: 4.4.0						ftp://ftp.3gp.org/Specs/2000-09/Ph2/04series/040-440.zip
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	R1996	5.4.1			No	G2	-	..			THOMASEN, Gert		#20: 5.0.0 #21: 5.1.0 #25: 5.2.0 #29: 5.3.0 #31:5.4.0						link not available a present
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	R1997	6.2.0			Yes	G2	-	..			THOMASEN, Gert		#27: 6.0.0 #29: 6.1.0 #31:6.2.0						ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/06-620.zip
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	R1998	7.1.1			Yes	G2	-	..			THOMASEN, Gert		#29: 7.0.0 edito:7.0.1 #31:7.1.0						ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/06-711.zip
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	R1999	8.0.0			Yes	G2	-	..			THOMASEN, Gert		.						ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/0

														06-800.zip
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	Ph1	3.3.3		Yes	N1	-	..,			AL -BAKRI, Ban		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/04series/040-333.zip
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	Ph2	4.3.1		Yes	N1	-	..,			AL -BAKRI, Ban		#7: 4.1.1 #10: 4.2.0 #12: 4.3.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/04series/040-431.zip
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	R1996	5.3.0		Yes	N1	-	..,			AL -BAKRI, Ban		#16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.2.0 #24: 5.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/4_series/07-530.zip
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	R1997	6.5.1		Yes	N1	-	..,			AL -BAKRI, Ban		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28 6.3.0 #29: 6.4.0 TSG#5: 6.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/07-651.zip
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	R1998	7.3.0		Yes	N1	-	..,			AL -BAKRI, Ban		#28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 CN#6 7.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/07-730.zip
04.08	Mobile Radio Interface - Layer 3 Specification	Ph1-EXT	3.0.0		No	N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	#7: 3.0.0	link not available a present	
04.08	Mobile Radio Interface - Layer 3 Specification	Ph1-DCS	3.1.0		No	N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	.	link not available a present	
04.08	Mobile Radio Interface - Layer 3 Specification	Ph1	3.e.0		Yes	N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/04series/040-3e0.zip	

04.08	Mobile Radio Interface - Layer 3 Specification	Ph2	4.n.1		Yes	N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	#7: 4.5.0 #8: 4.6.0 #9: 4.7.0 #10: 4.8.0 #11: 4.9.0 #12: 4.10.0 #14: 4.11.0 #15: 4.12.0 #16: 4.13.0 #17: 4.14.0 #18: 4.15.0 #19:4.16.0 #20: 4.17.0 #21: 4.18.0 #23: 4.20.1 #24: 4.21.0 #25: 4.22.0 #28 4.23.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/04series/040-4n1.zip
04.08	Mobile Radio Interface - Layer 3 Specification	R1996	5.g.0		No	N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	. GERAN#1:5.g.0	link not available a present
04.08	Mobile Radio Interface - Layer 3 Specification	R1997	6.c.0		No	N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28 6.3.0 #29: 6.4.0 TSG#5: 6.5.0 TSG#6 6.7.0 #31:6.8.0 TSG#7: 6.9.0 #31b:6.10.0 #32:6.11.0 TSG#8:6.11.0 GERAN#1:6.c.0	link not available a present
04.08	Mobile Radio Interface - Layer 3 Specification	R1998	7.9.0		No	N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	#28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 SMG#30b 7.3.0; TSG#6:7.4.0 #31:7.5.0 TSG#7: 7.6.0 #31b:7.5.0 #32:7.8.0 TSG#8:7.8.0 GERAN#1:7.9.0	link not available a present
04.08	Mobile Radio Interface - Layer 3 Specification	R1999	8.0.0		Yes	N1	G2	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	#29: 8.0.0 but perhaps this should not have been created! (24.008 instead)	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/008-800.zip
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	Ph1	3.2.3		Yes	N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	SETTIMO, Franco			ftp://ftp.3gp.org/Specs/2000-09/Ph1/04series/041-323.zip
04.10	Mobile Radio Interface	Ph2	4.a.1		Yes	N4	-	SHARP, Iain	NORTEL	SETTIMO,		#7: 4.4.0 #8: 4.5.0 #9: 4.6.0	ftp://ftp.3gp.org/Spec

		Layer 3 - Supplementary Services Specification - General Aspects								NETWORKS (EUROPE)	Franco		#10: 4.7.0 #11: 4.8.0 #13: 4.9.0 #17: 4.10.0	s/2000-09/Ph2/04 series/041-4a1.zip
04.10		Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	R1996	5.0.1		Yes	N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	SETTIMO, Franco		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/4_series/010-501.zip
04.10		Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	R1997	6.0.1		Yes	N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	SETTIMO, Franco		#25: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/010-601.zip
04.10		Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	R1998	7.0.1		Yes	N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	SETTIMO, Franco		#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/010-701.zip
04.11		Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	Ph1	3.3.0		Yes	N1	-	NOBUYUKI, Uda	NTT Communications Ware Corporation	AL -BAKRI, Ban		#5:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/Ph1/04 series/041-330.zip
04.11		Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	Ph2	4.a.1		Yes	N1	-	NOBUYUKI, Uda	NTT Communications Ware Corporation	AL -BAKRI, Ban		#7: 4.3.0 #8: 4.4.0 #10: 4.5.0 #11: 4.6.0 #12: 4.7.0 #14: 4.8.0 #16: 4.9.0 #17: 4.10.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/04 series/041-4a1.zip
04.11		Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	R1996	5.2.1		Yes	N1	-	NOBUYUKI, Uda	NTT Communications Ware Corporation	AL -BAKRI, Ban		#16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/4_series/011-521.zip
04.11		Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	R1997	6.0.1		Yes	N1	-	NOBUYUKI, Uda	NTT Communications Ware Corporation	AL -BAKRI, Ban		#25: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/011-601.zip
04.11		Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	R1998	7.0.0		Yes	N1	-	NOBUYUKI, Uda	NTT Communications Ware Corporation	AL -BAKRI, Ban		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/011-700.zip
04.12		Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	Ph1	3.2.1		Yes	G2	T2	PUDNEY, Chris	VODAFONE Group Plc	THOMASEN, Gert		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/04 series/041-321.zip
04.12		Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	Ph2	4.6.0		Yes	G2	T2	PUDNEY, Chris	VODAFONE Group Plc	THOMASEN, Gert		#7: 4.1.1 #10: 4.2.0 #11: 4.3.0 #12: 4.4.0 #16: 4.6.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/04 series/041-460.zip
04.12		Short Message Service Cell Broadcast (SMSCB)	R1996	5.0.2		Yes	G2	T2	PUDNEY, Chris	VODAFONE Group Plc	THOMASEN, Gert		#19: 5.0.0 #20: 5.0.1	ftp://ftp.3gp.org/Spec



04.14	Individual equipment type requirements and interworking; Special conformance testing functions	R1999	8.1.0		Yes	G2	-	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert		#32:8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/014-810.zip
04.18	Mobile Radio Interface - Layer 3 Specification RR part	R1999	8.6.0		No	G2	-	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:8.6.0	link not available a present
04.18	Mobile Radio Interface - Layer 3 Specification RR part	R2000	9.0.0		Yes	G2	-	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert		#32:9.0.0 Aug00: replaced by 44.018	ftp://ftp.3gp.org/Specs/2000-09/R2000/4_series/018-900.zip
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	Ph1	3.4.0		Yes	N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHIC K, David		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/04series/042-340.zip
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	Ph2	4.6.1		Yes	N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHIC K, David		#7: 4.2.1 #8: 4.3.0 #11: 4.4.0 #13: 4.5.0 #14: 4.6.0 Mar00: 4.6.1 = published version of ETS replacing OAP version	ftp://ftp.3gp.org/Specs/2000-09/Ph2/04series/042-461.zip
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	R1996	5.7.0		Yes	N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHIC K, David		#20: 5.0.0 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0 #25: 5.5.0 #27: 5.6.0 TSG#8:5.7.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/4_series/021-570.zip
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	R1997	6.1.0		Yes	N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHIC K, David		#27: 6.0.0 TSG#8:6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/021-610.zip
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	R1998	7.1.0		Yes	N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHIC K, David		#27: 7.0.0 TSG#8:7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/021-710.zip
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	R1999	8.1.0		Yes	N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHIC K, David		#29: 8.0.0 TSG#8:8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/021-810.zip
04.22	Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	Ph1	3.7.0		Yes	N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHIC K, David		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/04series/042-370.zip
04.22	Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	Ph2	4.5.1		Yes	N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHIC K, David		#7: 4.2.2 #8: 4.3.0 #13: 4.4.0 #25: 4.5.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/04series/042-451.zip
04.22	Radio Link Protocol for	R1996	5.6.0		Yes	N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHIC		#16: 5.0.0 #20: 5.0.1 #21: 5.1.0	ftp://ftp.3gp.org/Spec

		Data and Telematic Services on the MS-BSS Interface									K, David		#22: 5.2.0 #23: 5.3.0 #25: 5.4.0 #27: 5.5.0 tsg#6: 5.6.0	s/2000-09/R1996/4_series/022-560.zip	
04.22		Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	R1997	6.2.0		Yes	N3	-		KLEHN, Norbert	SIEMENS AG	BOSWARTHIC K, David	#26: 6.0.0 #27: 6.1.0 TSG#6: 6.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/022-620.zip	
04.22		Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	R1998	7.1.0		Yes	N3	-		KLEHN, Norbert	SIEMENS AG	BOSWARTHIC K, David	#28: 7.0.0 TSG#6: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/022-710.zip	
04.22		Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	R1999	8.0.0		Yes	N3	-		KLEHN, Norbert	SIEMENS AG	BOSWARTHIC K, David	#29: 8.0.0 (to be deleted, moved to 3GPP)	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/022-800.zip	
04.30		Location Services LCS Stage 3 SS (MO-LR)	R1998	7.2.0		Yes	G2	-		DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert	Seems to be a dispute over ownership: SMG2 or 3 (plus CN-ss)? Decision: SMG3 and the now-closed SS. TSG#7: txfrd to 3GPP for R99.	#30 info #30b: 7.0.1 #31:7.1.0 TSG#8:7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/030-720.zip
04.31		Location Services LCS RR LCS Protocol	R1998	7.2.0		Yes	G2	-		DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert		#30 info #30b: 7.0.1 #31:7.1.0 #31b:7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/031-720.zip
04.31		Location Services LCS RR LCS Protocol	R1999	8.1.0		Yes	G2	-		DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert			ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/031-810.zip
04.35		Location Services LCS Stage 3 E-OTD Enhanced Observed	R1998	7.2.0		No	G2	-		DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert		. GERAN#1:7.2.0	link not available a present
04.35		Location Services LCS Stage 3 E-OTD Enhanced Observed	R1999	8.2.0		No	G2	-		DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert		. GERAN#1:8.2.0	link not available a present
04.53		Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	R1998	1.6.0		Yes	-	-		NAVARRO, William	NORTEL NETWORKS (EUROPE)	,	replaced by 08.62	#25: 1.0.0 for info #27: 1.6.0 for info	(look in drafts directory)
04.56		GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	R1998	7.1.0		Yes	N1	-		HUPPERICH, Peter	ALCATEL SEL AG	AL -BAKRI, Ban		#28: 7.0.0 #29: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/056-710.zip



04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	R1999	8.0.0		Yes	N1	-	HUPPERICH, Peter	ALCATEL SEL AG	AL -BAKRI, Ban		#31: 8.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/056-800.zip
04.57	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	R1998	7.0.1		Yes	N1	-	HUPPERICH, Peter	ALCATEL SEL AG	AL -BAKRI, Ban		#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/057-701.zip
04.57	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	R1999	8.0.0		Yes	N1	-	HUPPERICH, Peter	ALCATEL SEL AG	AL -BAKRI, Ban		#31: 8.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/057-800.zip
04.60	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	R1997	6.a.0		No	G2	-	...		THOMASEN, Gert		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 #30: 6.5.0 #30b: 6.6.0 #31:6.7.0 #31b:6.8.0 #32:6.9.0 GERAN#1:6.a.0	link not available a present
04.60	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	R1998	7.6.0		No	G2	-	...		THOMASEN, Gert		#29: 7.0.0 #30: 7.1.0 #30b: 7.2.0 #31:7.3.0 #32:7.5.0 GERAN#1:7.6.0	link not available a present
04.60	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	R1999	8.6.0		No	G2	-	...		THOMASEN, Gert		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:8.6.0	link not available a present
04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	R1996	5.0.0		Yes	N1	-	JACOBSON, Dieter	Deutsche Telekom MobilNet GmbH	AL -BAKRI, Ban		#18: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/4_series/063-500.zip
04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	R1997	6.0.0		Yes	N1	-	JACOBSON, Dieter	Deutsche Telekom MobilNet GmbH	AL -BAKRI, Ban		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/063-600.zip
04.63	Packet Data on Signalling channels Service (PDS) Service	R1998	7.0.0		Yes	N1	-	JACOBSON, Dieter	Deutsche Telekom MobilNet GmbH	AL -BAKRI, Ban		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/

		Description, Stage 3												
04.63		Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	R1999	8.0.1		Yes	N1	-	JACOBSOHN, Dieter	Deutsche Telekom MobilNet GmbH	AL -BAKRI, Ban		#31: 8.0.0	4_series/063-700.zip ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/063-801.zip
04.64		Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	R1996	5.1.0		No	N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban		#23: 5.0.0 #24: 5.1.0 #25: withdrawn	link not available a present
04.64		Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	R1997	6.7.0		Yes	N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban		#23: 5.0.0 #24: 5.1.0 #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 #30: 6.5.0 post-TSG#6: 6.6.0 #31:6.7.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/064-670.zip
04.64		Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	R1998	7.3.0		Yes	N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban		#29: 7.0.0 #30: 7.1.0 post-TSG#6: 7.2.0 #31:7.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/064-730.zip
04.64		Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	R1999	8.4.0		Yes	N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban		#29: 8.0.0 #30: 8.1.0 post-TSG#6:8.2.0 #31:8.3.0 TSG#8:8.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/064-840.zip
04.65		Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)	R1996	5.1.0		No	N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban	24.065 exists, but will be scrapped for R99.	#23: 5.0.0 #24: 5.1.0 #25: withdrawn	link not available a present
04.65		Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)	R1997	6.7.0		Yes	N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban	24.065 exists, but will be scrapped for R99.	#23: 5.0.0 #24: 5.1.0 #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 #30: 6.5.016.6.0 #31:6.7.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/065-670.zip
04.65		Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)	R1998	7.3.0		Yes	N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban	24.065 exists, but will be scrapped for R99.	#29: 7.0.0 #30: 7.1.0 post-TSG#6: 7.2.0 #31:7.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/065-730.zip
04.65		Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)	R1999	8.0.0		Yes	N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban	24.065 exists, but will be scrapped for R99.	#31: 8.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/065-800.zip

04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) - Stage 3	R1996	5.0.1		Yes	N4	-	MÜNNING, Dirk	DETECON GMBH	SETTIMO, Franco		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/4_series/067-501.zip
04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) - Stage 3	R1997	6.0.1		Yes	N4	-	MÜNNING, Dirk	DETECON GMBH	SETTIMO, Franco		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/067-601.zip
04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) - Stage 3	R1998	7.0.1		Yes	N4	-	MÜNNING, Dirk	DETECON GMBH	SETTIMO, Franco		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/067-701.zip
04.68	Group Call Control (GCC) Protocol	R1996	5.5.0		Yes	N1	-	..		AL -BAKRI, Ban		#18: 5.0.0 #20: 5.0.1 #27: 5.1.0 #28: 5.2.0 #29: 5.3.0 #30: 5.4.0 TSG#7: 5.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/4_series/068-550.zip
04.68	Group Call Control (GCC) Protocol	R1997	6.3.0		Yes	N1	-	..		AL -BAKRI, Ban		#27: 6.0.0 #29: 6.1.0 #30: 6.2.0 TSG#7: 6.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/068-630.zip
04.68	Group Call Control (GCC) Protocol	R1998	7.2.0		Yes	N1	-	..		AL -BAKRI, Ban		#29: 7.0.0 #30: 7.1.0 TSG#7: 7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/068-720.zip
04.68	Group Call Control (GCC) Protocol	R1999	8.1.0		Yes	N1	-	..		AL -BAKRI, Ban		#31: 8.0.0 TSG#7: 8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/068-810.zip
04.68	Group Call Control (GCC) Protocol	R2000	9.0.0		Yes	N1	-	..		AL -BAKRI, Ban		#32:9.0.0 TSG#8:9.0.0	ftp://ftp.3gp.org/Specs/2000-09/R2000/4_series/068-900.zip
04.69	Broadcast Call Control (BCC) protocol	R1996	5.5.0		Yes	N1	-	..		AL -BAKRI, Ban		#20: 5.0.0 #27: 5.1.0 #28: 5.2.0 #29: 5.3.0 #30: 5.4.0 TSG#7: 5.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/4_series/069-550.zip
04.69	Broadcast Call Control (BCC) protocol	R1997	6.3.0		Yes	N1	-	..		AL -BAKRI, Ban		#27: 6.0.0 #29: 6.1.0 #30: 6.2.0 TSG#7: 6.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/069-630.zip
04.69	Broadcast Call Control (BCC) protocol	R1998	7.2.0		Yes	N1	-	..		AL -BAKRI, Ban		#29: 7.0.0 #30: 7.1.0 TSG#7: 7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/069-720.zip

04.69	Broadcast Call Control (BCC) protocol	R1999	8.1.0		Yes	N1	-	..		AL -BAKRI, Ban		#31: 8.0.0 TSG#7: 8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/069-810.zip
04.69	Broadcast Call Control (BCC) protocol	R2000	9.0.0		Yes	N1	-	..		AL -BAKRI, Ban		TSG#8:9.0.0	ftp://ftp.3gp.org/Specs/2000-09/R2000/4_series/069-900.zip
04.71	Location services (LCS) stage 3	R1998	7.2.0		Yes	G2	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert	Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.	#28: 1.0.0 #29: 7.0.0 #30b or post-TSG#6: 7.1.1 #32:7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/071-720.zip
04.71	Location services (LCS) stage 3	R1999	8.1.0		Yes	G2	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert	Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.	#32:8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/071-810.zip
04.72	Call Deflection (CD) Supplementary Service; Stage 3	R1998	7.0.0		Yes	N4	-	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH	SETTIMO, Franco		#27: for info #28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/072-700.zip
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	Ph1	3.2.0		Yes	N4	-	..		SETTIMO, Franco		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/04series/048-320.zip
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	Ph2	4.b.1		Yes	N4	-	..		SETTIMO, Franco		#7: 4.7.0 #8: 4.7.1 #9: 4.9.0 #12: 4.9.1 #16: 4.10.0 #17: 4.11.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/04series/048-4b1.zip
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	R1996	5.3.1		Yes	N4	-	..		SETTIMO, Franco		#18: 5.0.0 #20: 5.0.1 #24: 5.1.0 #25: 5.2.0 #28: 5.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/4_series/080-531.zip
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	R1997	6.1.1		Yes	N4	-	..		SETTIMO, Franco		#25: 6.0.0 #26: 6.1.0 #28: 6.1.1	ftp://ftp.3gp.org/Specs/2000-09/R1997/4_series/080-611.zip
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	R1998	7.3.0		Yes	N4	-	..		SETTIMO, Franco		#28: 7.0.0 N#6: 7.1.0. TSG#7: 7.2.0 TSG#8:7.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/4_series/080-730.zip
04.81	Line Identification Supplementary Services - Stage 3	Ph2	4.4.1		Yes	N4	-	..		SETTIMO, Franco		#7: 4.2.0 #10: 4.3.0 #12: 4.4.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/04series/048











		Radio Path (General Description)							Peter Skov				#13: 4.4.0 #14: 4.5.0 #16: 4.6.0	p.org/Specs/2000-09/Ph2/05series/050-460.zip
05.01		Physical Layer on the Radio Path (General Description)	R1996	5.4.0		Yes	GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paolino		#18: 5.0.0 #20: 5.1.0 #21: 5.2.0 #22: 5.3.0 #25: 5.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/5_series/01-540.zip
05.01		Physical Layer on the Radio Path (General Description)	R1997	6.1.1		Yes	GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paolino		#24: 6.0.0 #25: 6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/5_series/01-611.zip
05.01		Physical Layer on the Radio Path (General Description)	R1998	7.1.0		Yes	GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paolino		#28: 7.0.0 #30: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/5_series/01-710.zip
05.01		Physical Layer on the Radio Path (General Description)	R1999	8.5.0		No	GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b:8.2.0 #31:8.3.0 #32:8.4.0 GERAN#1:8.5.0	link not available a present
05.02		Multiplexing and Multiple Access on the Radio Path	Ph1	3.8.0		Yes	GP	-	..,		USAI, Paolino		#15: 3.7.0 #16: 3.8.0	ftp://ftp.3gp.org/Specs/2000-09/Ph1/05series/050-380.zip
05.02		Multiplexing and Multiple Access on the Radio Path	Ph2	4.a.1		Yes	GP	-	..,		USAI, Paolino		#7: 4.3.0 #9: 4.4.0 #15: 4.5.0 #16: 4.6.0 #17: 4.7.0 #20: 4.8.0 #22: 4.9.0 #28 4.10.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/05series/050-4a1.zip
05.02		Multiplexing and Multiple Access on the Radio Path	R1996	5.9.1		No	GP	-	..,		USAI, Paolino		#18: 5.0.0 #19: 5.1.0 #20: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #25: 5.6.0 #26: 5.7.0 #28 5.8.0 GERAN#1:5.9.1	link not available a present
05.02		Multiplexing and Multiple Access on the Radio Path	R1997	6.9.0		Yes	GP	-	..,		USAI, Paolino		#24: 6.0.0 #25: 6.1.0 #26: 6.2.0 #27: 6.3.0 #28 6.4.0 #29: 6.5.0 #30: 6.6.0 SMG#30bis: 6.7.0 #31:6.8.0 #31b:6.9.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/5_series/02-690.zip
05.02		Multiplexing and Multiple Access on the Radio Path	R1998	7.5.0		Yes	GP	-	..,		USAI, Paolino		#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #30b:7.3.0 #31:7.4.0 #31b:7.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/5_series/02-750.zip
05.02		Multiplexing and Multiple Access on the Radio Path	R1999	8.6.0		No	GP	-	..,		USAI, Paolino		#29: 8.0.1 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:8.6.0	link not available a present
05.03		Channel Coding	Ph1	3.6.1		Yes	GP	-	..,		USAI, Paolino		#12: 3.6.1	ftp://ftp.3gp.org/Specs/2000-09/Ph1/05series/050-361.zip

05.03	Channel Coding	Ph2	4.5.1		Yes	GP	-	..,		USAI, Paolino		#7: 4.1.0 #13: 4.2.0 #15: 4.3.0 #21: 4.4.0 #22: 4.5.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/05series/050-451.zip
05.03	Channel Coding	R1996	5.6.1		No	GP	-	..,		USAI, Paolino		#17: 5.0.0 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #23: 5.4.0 #25: 5.5.0 GERAN#1:5.6.1	link not available a present
05.03	Channel Coding	R1997	6.2.1		Yes	GP	-	..,		USAI, Paolino		#24: 6.0.0 #25: 6.1.0 #28: 6.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/5_series/03-621.zip
05.03	Channel Coding	R1998	7.4.0		No	GP	-	..,		USAI, Paolino		#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0	link not available a present
05.03	Channel Coding	R1999	8.5.0		Yes	GP	-	..,		USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/03-850.zip
05.04	Modulation	Ph1	3.1.2		Yes	GP	-	REINER, Michaël	AEG Mobile Communications GmbH (AMC)	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/05series/050-312.zip
05.04	Modulation	Ph2	4.0.3		Yes	GP	-	REINER, Michaël	AEG Mobile Communications GmbH (AMC)	USAI, Paolino		#7: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/05series/050-403.zip
05.04	Modulation	R1996	5.1.1		Yes	GP	-	REINER, Michaël	AEG Mobile Communications GmbH (AMC)	USAI, Paolino		#20: 5.0.0 #30: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/5_series/04-511.zip
05.04	Modulation	R1997	6.1.0		Yes	GP	-	REINER, Michaël	AEG Mobile Communications GmbH (AMC)	USAI, Paolino		#27: 6.0.0 #30b: 6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/5_series/04-610.zip
05.04	Modulation	R1998	7.1.0		Yes	GP	-	REINER, Michaël	AEG Mobile Communications GmbH (AMC)	USAI, Paolino		#29: 7.0.0 #30b: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/5_series/04-710.zip
05.04	Modulation	R1999	8.1.0		Yes	GP	-	REINER, Michaël	AEG Mobile Communications GmbH (AMC)	USAI, Paolino		#28: 8.0.0 #30b 8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/04-810.zip
05.05	Radio Transmission and Reception	Ph1	3.16.0		Yes	GP	-	CHARLES, Jean Pierre	France Telecom R&D	USAI, Paolino		#4: 3.14.0 #6b: 3.15.0 #8: 3.16.0	ftp://ftp.3gp.org/Specs/2000-09/Ph1/05series/050



		Control								Group Plc			#31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:8.5.0	present
05.09	Link Adaptation	R1998	7.3.0		Yes	GP	-	..,			USAI, Paolino		#28: 7.0.0 #30: 7.1.0 #31:7.2.0 #32:7.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/5_series/09-730.zip
05.09	Link Adaptation	R1999	8.1.0		Yes	GP	-	..,			USAI, Paolino		#31:8.0.0 #32:8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/09-810.zip
05.10	Radio Subsystem Synchronization	Ph1	3.5.1		Yes	GP	-	BENN, Howard	MOTOROLA Ltd		USAI, Paolino		#4: 3.5.1	ftp://ftp.3gp.org/Specs/2000-09/Ph1/05series/051-351.zip
05.10	Radio Subsystem Synchronization	Ph2	4.9.0		Yes	GP	-	BENN, Howard	MOTOROLA Ltd		USAI, Paolino		#7: 4.2.0 #8: 4.3.0 #9: 4.4.0 #13: 4.5.0 #14: 4.6.0 #16: 4.7.0 #17: 4.8.0 #18: 4.9.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/05series/051-490.zip
05.10	Radio Subsystem Synchronization	R1996	5.3.0		No	GP	-	BENN, Howard	MOTOROLA Ltd		USAI, Paolino		#18: 5.0.0 #20: 5.1.0 #23: 5.2.0 GERAN#1:5.3.0	link not available a present
05.10	Radio Subsystem Synchronization	R1997	6.6.0		Yes	GP	-	BENN, Howard	MOTOROLA Ltd		USAI, Paolino		#24: 6.0.0 #25: 6.1.0 #26: 6.2.0 #27: 6.3.0 #28: 6.4.0 #29: 6.5.0 #30: 6.6.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/5_series/010-660.zip
05.10	Radio Subsystem Synchronization	R1998	7.3.0		Yes	GP	-	BENN, Howard	MOTOROLA Ltd		USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1998/5_series/010-730.zip
05.10	Radio Subsystem Synchronization	R1999	8.5.0		No	GP	-	BENN, Howard	MOTOROLA Ltd		USAI, Paolino		#30: 8.0.0 #30b: 8.1.0 #31:8.2.0 #31b:8.2.0 #32:8.4.0 GERAN#1:8.5.0	link not available a present
05.22	Radio link management in hierarchical networks	Ph2	4.0.0		Yes	GP	-	..,			USAI, Paolino		#18: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/05series/052-400.zip
05.22	Radio link management in hierarchical networks	R1996	5.0.0		Yes	GP	-	..,			USAI, Paolino		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/5_series/022-500.zip
05.22	Radio link management in hierarchical networks	R1997	6.0.0		Yes	GP	-	..,			USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/5_series/022-600.zip
05.22	Radio link management in hierarchical networks	R1998	7.0.0		Yes	GP	-	..,			USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-

																				09/R1998/5_series/022-700.zip
05.22	Radio link management in hierarchical networks	R1999	8.0.0		Yes	GP	-	..			USAI, Paolino									ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/022-800.zip
05.50	Background for RF Requirements	Ph2	4.2.0		Yes	GP	-	..			USAI, Paolino			#8: 4.0.0 #13: 4.1.0 #17: 4.2.0						ftp://ftp.3gp.org/Specs/2000-09/Ph2/05series/055-420.zip
05.50	Background for RF Requirements	R1996	5.1.1		Yes	GP	-	..			USAI, Paolino			#20: 5.0.0 #21: 5.1.0 #23: 5.1.1						ftp://ftp.3gp.org/Specs/2000-09/R1996/5_series/050-511.zip
05.50	Background for RF Requirements	R1997	6.1.0		Yes	GP	-	..			USAI, Paolino			#24: 6.0.0 #31:6.1.0						ftp://ftp.3gp.org/Specs/2000-09/R1997/5_series/050-610.zip
05.50	Background for RF Requirements	R1998	7.4.0		Yes	GP	-	..			USAI, Paolino			#26: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0 #31b:7.4.0						ftp://ftp.3gp.org/Specs/2000-09/R1998/5_series/050-740.zip
05.50	Background for RF Requirements	R1999	8.2.0		Yes	GP	-	..			USAI, Paolino			#30: 8.0.0 #31:8.1.0 #31b:8.2.0						ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/050-820.zip
05.56	CTS-FP Radio Sub-system	R1998	7.1.0		Yes	GP	-	..			USAI, Paolino			#28: 7.0.0 #29: 7.1.0						ftp://ftp.3gp.org/Specs/2000-09/R1998/5_series/056-710.zip
05.56	CTS-FP Radio Sub-system	R1999	8.0.0		Yes	GP	-	..			USAI, Paolino									ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/056-800.zip
05.90	GSM Electro Magnetic Compatibility (EMC) Considerations	Ph2	4.3.0		Yes	-	-	..			,			#7: 4.1.0 #8: 4.2.0 #15: 4.3.0						ftp://ftp.3gp.org/Specs/2000-09/Ph2/05series/059-430.zip
05.90	GSM Electro Magnetic Compatibility (EMC) Considerations	R1996	5.0.0		Yes	-	-	..			,			#20: 5.0.0						ftp://ftp.3gp.org/Specs/2000-09/R1996/5_series/090-500.zip
05.90	GSM Electro Magnetic Compatibility (EMC)	R1997	6.0.0		No	-	-	..			,			#27: 6.0.0						link not available a present

		Considerations											
06.01	Full Rate Speech Processing Functions	Ph1	3.0.0		Yes	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/06series/060-300.zip
06.01	Full Rate Speech Processing Functions	Ph2	4.0.7		Yes	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#7: 4.0.2 #23: 4.0.6	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06series/060-407.zip
06.01	Full Rate Speech Processing Functions	R1996	5.1.1		Yes	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#20: 5.0.0 #23: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/01-511.zip
06.01	Full Rate Speech Processing Functions	R1997	6.0.1		Yes	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/01-601.zip
06.01	Full Rate Speech Processing Functions	R1998	7.0.2		Yes	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/01-702.zip
06.01	Full Rate Speech Processing Functions	R1999	8.0.0		Yes	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/01-800.zip
06.02	Half Rate Speech Processing Functions	Ph2	4.0.2		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#13: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06series/060-402.zip
06.02	Half Rate Speech Processing Functions	R1996	5.0.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/02-501.zip
06.02	Half Rate Speech Processing Functions	R1997	6.0.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/02-601.zip
06.02	Half Rate Speech Processing Functions	R1998	7.0.2		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/02-702.zip
06.02	Half Rate Speech Processing Functions	R1999	8.0.0		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/0

													02-800.zip
06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	Ph2	4.2.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#13: 4.0.0 #16: 4.0.2 #17: 4.1.0 #23: 4.2.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06series/060-421.zip
06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	R1996	5.1.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#20: 5.0.0 #22: 5.1.0 #23: 5.1.1	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/06-511.zip
06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	R1997	6.0.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/06-601.zip
06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	R1998	7.0.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/06-701.zip
06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	R1999	8.0.0		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/06-800.zip
06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	Ph2	4.2.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#13: 4.0.0 #20: 4.1.0 #22: 4.2.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06series/060-421.zip
06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	R1996	5.2.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#20: 5.0.0 #22: 5.1.0 #23: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/07-521.zip
06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	R1997	6.0.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/07-601.zip
06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	R1998	7.0.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/07-701.zip
06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	R1999	8.0.0		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/07-800.zip
06.08	Half Rate Speech; Performance Characterization of the	Ph2	4.0.0		Yes	S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#16: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06series/060

		GSM Half Rate speech codec												-400.zip
06.08		Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	R1996	5.0.0		Yes	S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/08-500.zip
06.08		Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	R1997	6.0.0		Yes	S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/08-600.zip
06.08		Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	R1998	7.0.0		Yes	S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/08-700.zip
06.08		Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	R1999	8.0.0		Yes	S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/08-800.zip
06.10		Full Rate Speech Transcoding	Ph1	3.2.0		Yes	S4	-	LORENZ, Dietmar	PHILIPS Semiconductors	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/06series/061-320.zip
06.10		Full Rate Speech Transcoding	Ph2	4.2.0		Yes	S4	-	LORENZ, Dietmar	PHILIPS Semiconductors	USAI, Paolino		#7: 4.0.0 #23: 4.1.0 #32:4.2.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06series/061-420.zip
06.10		Full Rate Speech Transcoding	R1996	5.2.0		Yes	S4	-	LORENZ, Dietmar	PHILIPS Semiconductors	USAI, Paolino		#20: 5.0.0 #23: 5.1.0 #32:5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/010-520.zip
06.10		Full Rate Speech Transcoding	R1997	6.1.0		Yes	S4	-	LORENZ, Dietmar	PHILIPS Semiconductors	USAI, Paolino		#27: 6.0.0 #32:6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/010-610.zip
06.10		Full Rate Speech Transcoding	R1998	7.1.0		Yes	S4	-	LORENZ, Dietmar	PHILIPS Semiconductors	USAI, Paolino		#28: 7.0.0 #32:7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/010-710.zip
06.10		Full Rate Speech Transcoding	R1999	8.1.0		Yes	S4	-	LORENZ, Dietmar	PHILIPS Semiconductors	USAI, Paolino		#32:8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/010-810.zip
06.11		Substitution and Muting	Ph1	3.0.1		Yes	S4	-	NAVARRO, William	NORTEL	USAI, Paolino		.	ftp://ftp.3gp.org/Spec



		of Lost Frames for Full Rate Speech Channels								NETWORKS (EUROPE)					s/2000-09/Ph1/06 series/061-301.zip
06.11		Substitution and Muting of Lost Frames for Full Rate Speech Channels	Ph2	4.0.6		Yes	S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		#7: 4.0.1 #23: 4.0.5		ftp://ftp.3gp.org/Specs/2000-09/Ph2/06 series/061-406.zip
06.11		Substitution and Muting of Lost Frames for Full Rate Speech Channels	R1996	5.0.1		Yes	S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		#20: 5.0.0 #23: 5.0.1		ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/011-501.zip
06.11		Substitution and Muting of Lost Frames for Full Rate Speech Channels	R1997	6.0.1		Yes	S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		#27: 6.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/011-601.zip
06.11		Substitution and Muting of Lost Frames for Full Rate Speech Channels	R1998	7.0.1		Yes	S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		#29: 7.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/011-701.zip
06.11		Substitution and Muting of Lost Frames for Full Rate Speech Channels	R1999	8.0.0		Yes	S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		.		ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/011-800.zip
06.12		Comfort Noise Aspects for Full Rate Speech Traffic Channels	Ph1	3.0.1		Yes	S4	-	SERENO, Daniele	TELECOM ITALIA S.p.A.	USAI, Paolino		.		ftp://ftp.3gp.org/Specs/2000-09/Ph1/06 series/061-301.zip
06.12		Comfort Noise Aspects for Full Rate Speech Traffic Channels	Ph2	4.0.4		Yes	S4	-	SERENO, Daniele	TELECOM ITALIA S.p.A.	USAI, Paolino		#7: 4.0.1		ftp://ftp.3gp.org/Specs/2000-09/Ph2/06 series/061-404.zip
06.12		Comfort Noise Aspects for Full Rate Speech Traffic Channels	R1996	5.0.1		Yes	S4	-	SERENO, Daniele	TELECOM ITALIA S.p.A.	USAI, Paolino		#20: 5.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/012-501.zip
06.12		Comfort Noise Aspects for Full Rate Speech Traffic Channels	R1997	6.0.1		Yes	S4	-	SERENO, Daniele	TELECOM ITALIA S.p.A.	USAI, Paolino		#27: 6.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/012-601.zip
06.12		Comfort Noise Aspects for Full Rate Speech Traffic Channels	R1998	7.0.1		Yes	S4	-	SERENO, Daniele	TELECOM ITALIA S.p.A.	USAI, Paolino		#29: 7.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/012-701.zip
06.12		Comfort Noise Aspects for Full Rate Speech	R1999	8.0.0		Yes	S4	-	SERENO, Daniele	TELECOM ITALIA S.p.A.	USAI, Paolino		.		ftp://ftp.3gp.org/Spec

		Traffic Channels												s/2000-09/R1999/6_series/012-800.zip
06.20	Half Rate Speech Transcoding	Ph2	4.3.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#13: 4.0.0 #14: 4.1.0 #17: 4.3.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06series/062-431.zip	
06.20	Half Rate Speech Transcoding	R1996	5.1.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#20: 5.0.0 #22: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/020-511.zip	
06.20	Half Rate Speech Transcoding	R1997	6.0.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/020-601.zip	
06.20	Half Rate Speech Transcoding	R1998	7.0.0		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/020-700.zip	
06.20	Half Rate Speech Transcoding	R1999	8.0.0		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/020-800.zip	
06.21	Substitution and Muting of Lost Frames for Half Rate Traffic Speech Traffic Channels	Ph2	4.0.2		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#13: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06series/062-402.zip	
06.21	Substitution and Muting of Lost Frames for Half Rate Traffic Speech Traffic Channels	R1996	5.0.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/021-501.zip	
06.21	Substitution and Muting of Lost Frames for Half Rate Traffic Speech Traffic Channels	R1997	6.0.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/021-601.zip	
06.21	Substitution and Muting of Lost Frames for Half Rate Traffic Speech Traffic Channels	R1998	7.0.0		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/021-700.zip	
06.21	Substitution and Muting of Lost Frames for Half Rate Traffic Speech Traffic Channels	R1999	8.0.0		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/021-800.zip	
06.22	Comfort Noise Aspects for Half Rate Speech	Ph2	4.1.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#13: 4.0.0 #15: 4.1.0	ftp://ftp.3gp.org/Spec	

		Traffic Channels												s/2000-09/Ph2/06 series/062-411.zip
06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	R1996	5.1.0		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#20: 5.0.0 #22: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/022-510.zip	
06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	R1997	6.0.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/022-601.zip	
06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	R1998	7.0.1		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/022-701.zip	
06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	R1999	8.0.0		Yes	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/022-800.zip	
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	Ph1	3.1.0		Yes	S4	-	..,		USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/06 series/063-310.zip	
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	Ph2	4.0.5		Yes	S4	-	..,		USAI, Paolino		#7: 4.0.1 #23: 4.0.5	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06 series/063-405.zip	
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	R1996	5.0.1		Yes	S4	-	..,		USAI, Paolino		#20: 5.0.0 #23: 5.0.1	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/031-501.zip	
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	R1997	6.0.1		Yes	S4	-	..,		USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/031-601.zip	
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	R1998	7.0.1		Yes	S4	-	..,		USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/031-701.zip	
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	R1999	8.0.0		Yes	S4	-	..,		USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/031-800.zip	
06.32	Voice Activity Detection (VAD)	Ph1	3.0.0		Yes	S4	-	BARRETT, Paul	BT	USAI, Paolino		.	ftp://ftp.3gp.org/Spec	

														s/2000-09/Ph1/06 series/063-300.zip
06.32	Voice Activity Detection (VAD)	Ph2	4.3.1		Yes	S4	-	BARRETT, Paul	BT	USAI, Paolino		#7: 4.0.1 #9: 4.0.3 #13: 4.1.0 #17: 4.2.0 #20: 4.2.1 #23: 4.3.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06 series/063-431.zip	
06.32	Voice Activity Detection (VAD)	R1996	5.0.3		Yes	S4	-	BARRETT, Paul	BT	USAI, Paolino		#20: 5.0.0 #23: 5.0.2	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/032-503.zip	
06.32	Voice Activity Detection (VAD)	R1997	6.0.1		Yes	S4	-	BARRETT, Paul	BT	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/032-601.zip	
06.32	Voice Activity Detection (VAD)	R1998	7.0.1		Yes	S4	-	BARRETT, Paul	BT	USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/032-701.zip	
06.32	Voice Activity Detection (VAD)	R1999	8.0.0		Yes	S4	-	BARRETT, Paul	BT	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/032-800.zip	
06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	Ph2	4.0.2		Yes	S4	-	..,		USAI, Paolino		#13: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06 series/064-402.zip	
06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	R1996	5.1.1		Yes	S4	-	..,		USAI, Paolino		#20: 5.0.0 #22: 5.0.1 #23: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/041-511.zip	
06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	R1997	6.0.1		Yes	S4	-	..,		USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/041-601.zip	
06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	R1998	7.0.1		Yes	S4	-	..,		USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/041-701.zip	
06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	R1999	8.0.0		Yes	S4	-	..,		USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/041-800.zip	
06.42	Voice Activity Detection (VAD) for Half Rate	Ph2	4.1.1		Yes	S4	-	BARRETT, Paul	BT	USAI, Paolino		#13: 4.0.0 #15: 4.1.0	ftp://ftp.3gp.org/Spec	

		Speech Traffic Channels												s/2000-09/Ph2/06 series/064-411.zip
06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	R1996	5.0.1		Yes	S4	-	BARRETT, Paul	BT	USAI, Paolino		#20: 5.0.0 #22: 5.0.1	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/042-501.zip	
06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	R1997	6.0.1		Yes	S4	-	BARRETT, Paul	BT	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/042-601.zip	
06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	R1998	7.0.1		Yes	S4	-	BARRETT, Paul	BT	USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/042-701.zip	
06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	R1999	8.0.0		Yes	S4	-	BARRETT, Paul	BT	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/042-800.zip	
06.51	GSM Enhanced full rate speech processing functions: General description	Ph2	4.1.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#22: 4.0.0 #32:4.1.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06 series/065-410.zip	
06.51	GSM Enhanced full rate speech processing functions: General description	R1996	5.2.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #32:5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/051-520.zip	
06.51	GSM Enhanced full rate speech processing functions: General description	R1997	6.1.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#27: 6.0.0 #32:6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/051-610.zip	
06.51	GSM Enhanced full rate speech processing functions: General description	R1998	7.1.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#28: 7.0.0 #32:7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/051-710.zip	
06.51	GSM Enhanced full rate speech processing functions: General description	R1999	8.1.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#32:8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/051-810.zip	
06.53	ANSI-C code for the GSM Enhanced full rate speech codec	Ph2	4.0.1		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#23: 4.0.1	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06 series/065-401.zip	
06.53	ANSI-C code for the GSM Enhanced full rate	R1996	5.1.3		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3	ftp://ftp.3gp.org/Spec	

		speech codec												s/2000-09/R1996/6_series/053-513.zip
06.53	ANSI-C code for the GSM Enhanced full rate speech codec	R1997	6.0.1		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/053-601.zip	
06.53	ANSI-C code for the GSM Enhanced full rate speech codec	R1998	7.0.1		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/053-701.zip	
06.53	ANSI-C code for the GSM Enhanced full rate speech codec	R1999	8.0.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/053-800.zip	
06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	Ph2	4.1.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#22: 4.0.0 #32:4.1.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06series/065-410.zip	
06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	R1996	5.2.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#20: 5.0.0 #22: 5.1.0 #32:5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/054-520.zip	
06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	R1997	6.1.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#27: 6.0.0 #32:6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/054-610.zip	
06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	R1998	7.1.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#29: 7.0.0 #32:7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/054-710.zip	
06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	R1999	8.1.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#32:8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/054-810.zip	
06.55	Performance characterisation of the GSM EFR Speech Codec	Ph2	4.0.0		Yes	S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#22: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06series/065-400.zip	
06.55	Performance characterisation of the GSM EFR Speech Codec	R1996	5.0.0		Yes	S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#19: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/055-500.zip	
06.55	Performance characterisation of the	R1997	6.0.0		Yes	S4	-	SALEM, Tarek	Deutsche Telekom MobilNet	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Spec	

		GSM EFR Speech Codec								GmbH				s/2000-09/R1997/6_series/055-600.zip
06.55		Performance characterisation of the GSM EFR Speech Codec	R1998	7.0.0		Yes	S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/055-700.zip
06.55		Performance characterisation of the GSM EFR Speech Codec	R1999	8.0.0		Yes	S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/055-800.zip
06.60		Enhanced full rate speech transcoding	Ph2	4.1.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#23: 4.0.1 #25: 4.1.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06series/066-410.zip
06.60		Enhanced full rate speech transcoding	R1996	5.2.1		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3 #25: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/060-521.zip
06.60		Enhanced full rate speech transcoding	R1997	6.0.1		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/060-601.zip
06.60		Enhanced full rate speech transcoding	R1998	7.0.2		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/060-702.zip
06.60		Enhanced full rate speech transcoding	R1999	8.0.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/060-800.zip
06.61		Substitution and muting of lost frames for enhanced full rate speech traffic channels	Ph2	4.0.1		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#22: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06series/066-401.zip
06.61		Substitution and muting of lost frames for enhanced full rate speech traffic channels	R1996	5.1.2		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#17: 5.0.0 #19: 5.1.0 #20: 5.1.1	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/061-512.zip
06.61		Substitution and muting of lost frames for enhanced full rate speech traffic channels	R1997	6.0.1		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/061-601.zip
06.61		Substitution and muting of lost frames for	R1998	7.0.1		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Spec

		enhanced full rate speech traffic channels											s/2000-09/R1998/6_series/061-701.zip	
06.61		Substitution and muting of lost frames for enhanced full rate speech traffic channels	R1999	8.0.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		ftp://ftp.3gpp.org/Specs/2000-09/R1999/6_series/061-800.zip	
06.62		Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	Ph2	4.0.1		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino	#23: 4.0.1	ftp://ftp.3gpp.org/Specs/2000-09/Ph2/06series/066-401.zip	
06.62		Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	R1996	5.1.3		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino	#17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3	ftp://ftp.3gpp.org/Specs/2000-09/R1996/6_series/062-513.zip	
06.62		Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	R1997	6.0.1		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino	#27: 6.0.0	ftp://ftp.3gpp.org/Specs/2000-09/R1997/6_series/062-601.zip	
06.62		Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	R1998	7.0.1		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino	#29: 7.0.0	ftp://ftp.3gpp.org/Specs/2000-09/R1998/6_series/062-701.zip	
06.62		Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	R1999	8.0.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		ftp://ftp.3gpp.org/Specs/2000-09/R1999/6_series/062-800.zip	
06.71		Adaptive Multi-Rate speech processing functions; General description	R1998	7.0.2		Yes	S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0	ftp://ftp.3gpp.org/Specs/2000-09/R1998/6_series/071-702.zip
06.73		ANSI-C code for the GSM Adaptive Multi Rate (AMR) speech codec	R1998	7.4.0		Yes	S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0.0 TSG#7: 7.4.0	ftp://ftp.3gpp.org/Specs/2000-09/R1998/6_series/073-740.zip
06.74		Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec	R1998	7.0.2		Yes	S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 2.0.0 SA#6: 7.0.0	ftp://ftp.3gpp.org/Specs/2000-09/R1998/6_series/074-702.zip
06.75		AMR performance characterisation	R1998	7.2.0		Yes	S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	SMG#29 1.0.0 for information SMG#30: 7.0.0 SA#6: 7.1.0. TSG#7: 7.2.0	ftp://ftp.3gpp.org/Specs/2000-09/R1998/6_series/075-720.zip
06.76		Adaptive Multi-Rate (AMR) speech codec;	R1998	7.0.0		Yes	S4	-	..,		USAI, Paolino	New at SMG#31. Then	#31:1.0.0 TSG#7:2.0.0 (SP-000023) 7.0.0	ftp://ftp.3gpp.org/Spec



		study phase report										became 06.77; new 06.76 has new title.		s/2000-09/R1998/6_series/076-700.zip
06.76	Adaptive Multi-Rate (AMR) speech codec; study phase report	R1999	8.0.0		Yes	S4	-	..,		USAI, Paolino		New at SMG#31. Then became 06.77; new 06.76 has new title.	TSG#7:2.0.0, 8.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/076-800.zip
06.77	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder	R1999	8.0.0		Yes	S4	-	..,		USAI, Paolino			#32:8.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/077-800.zip
06.78	Results of the AMR noise suppression selection phase	R1999	8.0.0		Yes	S4	-	..,		USAI, Paolino			#32:8.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/078-800.zip
06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	Ph2	4.1.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino			#22: 4.0.0 #30: 4.1.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06series/068-410.zip
06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	R1996	5.2.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino			#17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/081-520.zip
06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	R1997	6.1.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino			#27: 6.0.0 #30: 6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/081-610.zip
06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	R1998	7.1.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino			#29: 7.0.0 #30: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/081-710.zip
06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	R1999	8.0.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino			.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/081-800.zip
06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels	Ph2	4.0.1		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino			#22: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/06series/068-401.zip
06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels	R1996	5.0.3		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino			#17: 5.0.0 #20: 5.0.2 #22: 5.0.3	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/082-503.zip
06.82	Voice Activity Detection	R1997	6.0.1		Yes	S4	-	JÄRVINEN, Kari	NOKIA	USAI, Paolino			#27: 6.0.0	ftp://ftp.3gp

		(VAD) for enhanced full rate speech traffic channels							Corporation				p.org/Specs/2000-09/R1997/6_series/082-601.zip	
06.82		Voice Activity Detection (VAD) for enhanced full rate speech traffic channels	R1998	7.0.1		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/082-701.zip
06.82		Voice Activity Detection (VAD) for enhanced full rate speech traffic channels	R1999	8.0.0		Yes	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/082-800.zip
06.85		Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	R1996	5.0.0		Yes	S4	-	..,		USAI, Paolino		#26: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/6_series/085-500.zip
06.85		Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	R1997	6.0.0		Yes	S4	-	..,		USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/6_series/085-600.zip
06.85		Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	R1998	7.0.0		Yes	S4	-	..,		USAI, Paolino		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/085-700.zip
06.85		Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	R1999	8.0.0		Yes	S4	-	..,		USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/085-800.zip
06.90		Adaptive Multi-Rate speech transcoding	R1998	7.2.0		Yes	S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0 #29: 7.1.0 #30: 7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/090-720.zip
06.91		Substitution and muting of lost frames for AMR speech traffic channels	R1998	7.1.0		Yes	S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0 #30: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/091-710.zip
06.92		Comfort noise aspects for Adaptive Multi-Rate speech traffic channels	R1998	7.1.1		Yes	S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0 #29: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/092-711.zip

06.93	Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels	R1998	7.4.0		Yes	S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0 TSG#8:7.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/093-740.zip
06.94	Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels	R1998	7.1.1		Yes	S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0 #29: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/6_series/094-711.zip
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	Ph1	3.e.0		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#2: 3.14.0	ftp://ftp.3gp.org/Specs/2000-09/Ph1/07series/070-3e0.zip
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	Ph2	4.a.0		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#7: 4.5.0 #8: 4.6.0 #9: 4.6.1 #10: 4.7.0 #13: 4.8.0 #15: 4.9.0 #16: 4.10.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/07series/070-4a0.zip
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	R1996	5.9.1		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#16: 5.0.0 #17: 5.0.1 #18: 5.1.0 #19: 5.2.0 #20: 5.3.0 #21: 5.4.0 #22: 5.5.0 #23: 5.6.0 #24: 5.7.0 #25: 5.8.0 #28: 5.9.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/7_series/001-591.zip
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	R1997	6.1.0		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#27: 6.0.0 #29: 6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/7_series/001-610.zip
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	R1998	7.1.1		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#27: 7.0.0 #28: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/7_series/001-711.zip
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	R1999	8.0.0		No	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#29: 8.0.0 (to be deleted, moved to 3GPP)	link not available a present
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	Ph1	3.8.0		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#2: 3.8.0	ftp://ftp.3gp.org/Specs/2000-09/Ph1/07series/070-380.zip
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	Ph2	4.5.1		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#7: 4.4.0 #9: 4.4.2 #11: 4.5.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/07series/070-451.zip
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	R1996	5.5.1		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/7_series/002-551.zip

07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	R1997	6.0.0		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#26: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/7_series/02-600.zip
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	R1998	7.0.1		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#27: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/7_series/02-701.zip
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	R1999	8.0.0		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#29: 8.0.0 (to be deleted, moved to 3GPP)	ftp://ftp.3gp.org/Specs/2000-09/R1999/7_series/02-800.zip
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	Ph1	3.4.0		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#5: 3.4.0	ftp://ftp.3gp.org/Specs/2000-09/Ph1/07series/070-340.zip
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	Ph2	4.5.1		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#7: 4.4.0 #9: 4.5.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/07series/070-451.zip
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	R1996	5.4.1		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#18: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/7_series/03-541.zip
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	R1997	6.0.0		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#26: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/7_series/03-600.zip
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	R1998	7.0.0		Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/7_series/03-700.zip
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	R1999	8.0.0		No	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		#29: 8.0.0 (to be deleted, moved to 3GPP)	link not available a present
07.05	Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell	Ph2	4.8.1		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#7: 4.2.1 #8: 4.3.0 #12: 4.4.0 #16: 4.5.0 #17: 4.6.0 #18: 4.7.0 #20: 4.8.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/07series/070-481.zip

		Broadcast Services (CBS)												
07.05		Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)	R1996	5.5.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#19: 5.0.0 #20: 5.1.0 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/7_series/05-550.zip
07.05		Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)	R1997	6.0.0		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/7_series/05-600.zip
07.05		Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)	R1998	7.0.1		Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/7_series/05-701.zip
07.06		Use of the V Series Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface at the Mobile Station (MS) for Mobile Termination (MT) configuration	Ph2	0.0.0		No	-	-	..,		,		#7: 4.1.0 #13: 4.2.0 #15: withdrawn	(look in drafts directory)
07.07		Digital cellular telecommunications System (Phase 2) AT Command set for GSM Mobile Equipment (ME)	Ph2	4.4.1		Yes	T2	-	NOVAK, Lars	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		#16: 4.0.0 #18: 4.1.0 #24: 4.2.0 #25: 4.3.0 #27: 4.4.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/07series/070-441.zip
07.07		Digital cellular telecommunications System (Phase 2) AT Command set for GSM Mobile Equipment (ME)	R1996	5.9.1		Yes	T2	-	NOVAK, Lars	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		#19: 5.0.0 #20: 5.1.0 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0 #25: 5.6.0 #26: 5.7.0 #27: 5.8.0 #29: 5.9.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/7_series/07-591.zip
07.07		Digital cellular telecommunications System (Phase 2) AT Command set for GSM Mobile Equipment (ME)	R1997	6.4.0		Yes	T2	-	NOVAK, Lars	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #29: 6.3.0 TSG#5: 6.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/7_series/07-640.zip
07.07		Digital cellular telecommunications	R1998	7.5.0	Jun 00	Yes	T2	-	NOVAK, Lars	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		#26: 7.0.0 #27: 7.1.0 #28: 7.2.0 #29: 7.3.0 TSG#5: 7.4.0 TSG#6:	ftp://ftp.3gp.org/Specs/2000-

		System (Phase 2) AT Command set for GSM Mobile Equipment (ME)								et			7.5.0	09/R1998/7_series/07-750.zip
07.08		GSM Application Programming Interface	R1996	5.2.1		Yes	T2	-	..,			RODERMUND, Friedhelm	#20: 5.0.0 #21: 5.1.0 #24: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/7_series/08-521.zip
07.08		GSM Application Programming Interface	R1999	8.0.0		No	T2	-	..,			RODERMUND, Friedhelm	Frozen at v5	link not available a present
07.10		Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol	R1997	6.4.0		Yes	T2	-		NOVAK, Lars	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm	#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 TSG#5: 6.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/7_series/010-640.zip
07.10		Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol	R1998	7.1.0		Yes	T2	-		NOVAK, Lars	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm	#29: 7.0.0 TSG#5: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/7_series/010-710.zip
07.60		General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS	R1996	5.1.0		Yes	N3	-		HEATON, Graham	RTS Wireless Inc.	BOSWARTHIC K, David	#24: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/7_series/060-510.zip
07.60		General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS	R1997	6.5.0		Yes	N3	-		HEATON, Graham	RTS Wireless Inc.	BOSWARTHIC K, David	#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #29: 6.3.0 TSG#5: 6.4.0 TSG#6: 6.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/7_series/060-650.zip
07.60		General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS	R1998	7.1.0		Yes	N3	-		HEATON, Graham	RTS Wireless Inc.	BOSWARTHIC K, David	#29: 7.0.0 TSG#5: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/7_series/060-710.zip
08.01		General Aspects on the BSS-MSC Interface	Ph1	3.0.1		Yes	G2	-		DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/08series/080-301.zip
08.01		General Aspects on the BSS-MSC Interface	Ph2	4.0.3		Yes	G2	-		DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	#7: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/08series/080-403.zip
08.01		General Aspects on the BSS-MSC Interface	R1996	5.0.0		Yes	G2	-		DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/8_series/001-500.zip
08.01		General Aspects on the BSS-MSC Interface	R1997	6.0.0		Yes	G2	-		DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/8_series/0

																01-600.zip
08.01	General Aspects on the BSS-MSC Interface	R1998	7.0.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#29: 7.0.0				ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/01-700.zip
08.01	General Aspects on the BSS-MSC Interface	R1999	8.0.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		.				ftp://ftp.3gp.org/Specs/2000-09/R1999/8_series/01-800.zip
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	Ph1	3.3.1		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		.				ftp://ftp.3gp.org/Specs/2000-09/Ph1/08series/080-331.zip
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	Ph2	4.2.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#7: 4.0.0 #10: 4.1.0 #13: 4.2.0				ftp://ftp.3gp.org/Specs/2000-09/Ph2/08series/080-420.zip
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	R1996	5.1.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#20: 5.0.0 #21: 5.1.0				ftp://ftp.3gp.org/Specs/2000-09/R1996/8_series/02-510.zip
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	R1997	6.0.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#27: 6.0.0				ftp://ftp.3gp.org/Specs/2000-09/R1997/8_series/02-600.zip
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	R1998	7.0.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#29: 7.0.0				ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/02-700.zip
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	R1999	8.0.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		.				ftp://ftp.3gp.org/Specs/2000-09/R1999/8_series/02-800.zip
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	Ph1	3.0.3		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		.				ftp://ftp.3gp.org/Specs/2000-09/Ph1/08series/080-303.zip
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	Ph2	4.0.3		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#7: 4.0.0				ftp://ftp.3gp.org/Specs/2000-09/Ph2/08series/080-403.zip

08.04	Base Station System - Mobile Services Switching Centre (BSS- MSC) Interface Layer 1 Specification	R1996	5.0.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#20: 5.0.0	ftp://ftp.3g p.org/Spec s/2000- 09/R1996/ 8_series/0 04-500.zip
08.04	Base Station System - Mobile Services Switching Centre (BSS- MSC) Interface Layer 1 Specification	R1997	6.0.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#27: 6.0.0	ftp://ftp.3g p.org/Spec s/2000- 09/R1997/ 8_series/0 04-600.zip
08.04	Base Station System - Mobile Services Switching Centre (BSS- MSC) Interface Layer 1 Specification	R1998	7.0.1		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#28: 7.0.0	ftp://ftp.3g p.org/Spec s/2000- 09/R1998/ 8_series/0 04-701.zip
08.04	Base Station System - Mobile Services Switching Centre (BSS- MSC) Interface Layer 1 Specification	R1999	8.0.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		.	ftp://ftp.3g p.org/Spec s/2000- 09/R1999/ 8_series/0 04-800.zip
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS- MSC) Interface	Ph1	3.5.2		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		.	ftp://ftp.3g p.org/Spec s/2000- 09/Ph1/08 series/080 -352.zip
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS- MSC) Interface	Ph2	4.5.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #12: 4.5.0	ftp://ftp.3g p.org/Spec s/2000- 09/Ph2/08 series/080 -450.zip
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS- MSC) Interface	R1996	5.3.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#17: 5.0.0 #18: 5.1.0 #25: 5.2.0 #28: 5.3.0	ftp://ftp.3g p.org/Spec s/2000- 09/R1996/ 8_series/0 06-530.zip
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS- MSC) Interface	R1997	6.0.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#27: 6.0.0	ftp://ftp.3g p.org/Spec s/2000- 09/R1997/ 8_series/0 06-600.zip
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS- MSC) Interface	R1998	7.0.1		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#28: 7.0.0 #29: 7.0.0 !! !!	ftp://ftp.3g p.org/Spec s/2000- 09/R1998/ 8_series/0 06-701.zip
08.06	Signalling Transport	R1999	8.0.0		Yes	G2	-	DAVIES, Rob	Philips Research	THOMASEN,		.	ftp://ftp.3g



		Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS- MSC) Interface							Laboratories	Gert			p.org/Specs/2000-09/R1999/8_series/006-800.zip
08.08		Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	Ph1-EXT	3.0.0		No	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	#7: 3.0.0	link not available a present
08.08		Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	Ph1	3.a.1		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/08series/080-3a1.zip
08.08		Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	Ph2	4.c.1		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	#7: 4.4.0 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #13: 4.8.0 #15: 4.9.0 #16: 4.10.0 #17: 4.11.0 #23: 4.12.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/08series/080-4c1.zip
08.08		Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	R1996	5.c.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	.	ftp://ftp.3gp.org/Specs/2000-09/R1996/8_series/008-5c0.zip
08.08		Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	R1997	6.5.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	#31b:6.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/8_series/008-650.zip
08.08		Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	R1998	7.7.0		No	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	#25: 7.0.0 #28: 7.1.0 #29: 7.2.0 #30: 7.3.0 #30b: 7.4.0 #31:7.5.0 #31b:7.6.0 GERAN#1:7.7.0	link not available a present
08.08		Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	R1999	8.6.0		No	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.4.0 #32:8.5.0 GERAN#1:8.6.0	link not available a present
08.08		Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	R2000	9.0.0		Yes	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert	#32:9.0.0 Aug00: replaced by 48.008	ftp://ftp.3gp.org/Specs/2000-09/R2000/8_series/008-900.zip
08.14		General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	R1997	6.0.0		Yes	G2	-	...		THOMASEN, Gert	#24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)	ftp://ftp.3gp.org/Specs/2000-09/R1997/8_series/014-600.zip
08.14		General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface;	R1998	7.0.1		Yes	G2	-	...		THOMASEN, Gert	#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/014-701.zip

		Gb Interface Layer 1											
08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	R1999	8.0.0		Yes	G2	-	..,		THOMASEN, Gert		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/8_series/014-800.zip
08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	R1997	6.3.0		Yes	G2	-	..,		THOMASEN, Gert		#24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn) #26: 6.1.0 #28: 6.2.0 #29: 6.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/8_series/016-630.zip
08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	R1998	7.1.0		Yes	G2	-	..,		THOMASEN, Gert		#28: 7.0.0 #29: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/016-710.zip
08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	R1999	8.0.0		Yes	G2	-	..,		THOMASEN, Gert		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/8_series/016-800.zip
08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	R1997	6.7.1		Yes	G2	-	..,		THOMASEN, Gert		#24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn) #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 #30: 6.5.0 #31:6.7.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/8_series/018-671.zip
08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	R1998	7.3.1		Yes	G2	-	..,		THOMASEN, Gert		#29: 7.0.0 #30: 7.1.0 #31:7.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/018-731.zip
08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	R1999	8.4.0		No	G2	-	..,		THOMASEN, Gert		#30: 8.0.0 #30b: 8.1.0 #31:8.2.0 #31b:8.3.0 GERAN#1:8.4.0	link not available a present
08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	Ph1	3.1.2		Yes	N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHIC K, David		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/08series/082-312.zip
08.20	Rate Adaptation on the Base Station System - Mobile Service Switching	Ph2	4.2.3		Yes	N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHIC K, David		#7: 4.2.1 #13: 4.2.3	ftp://ftp.3gp.org/Specs/2000-09/Ph2/08

		Centre (BSS-MSC) Interface											09/Ph2/08 series/082-423.zip
08.20		Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	R1996	5.3.0		Yes	N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHIC K, David	#20: 5.0.0 #21: 5.1.0 #22: 5.2.0 #24: 5.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/8_series/020-530.zip
08.20		Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	R1997	6.0.0		Yes	N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHIC K, David	#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/8_series/020-600.zip
08.20		Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	R1998	7.0.1		Yes	N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHIC K, David	#27: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/020-701.zip
08.20		Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	R1999	8.1.0		Yes	N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHIC K, David	#29: 8.0.0 #30: 8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/8_series/020-810.zip
08.31		Location Services LCS SMLC Peer Protocol (SMLCPP)	R1998	7.0.1		Yes	G2	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert	#30 info #30b:7.0.1	ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/031-701.zip
08.31		Location Services LCS SMLC Peer Protocol (SMLCPP)	R1999	8.0.0		Yes	G2	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/8_series/031-800.zip
08.51		Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	Ph1	3.0.2		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert	.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/08 series/085-302.zip
08.51		Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	Ph2	4.1.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert	#7: 4.0.1 #13: 4.1.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/08 series/085-410.zip
08.51		Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	R1996	5.0.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert	#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/8_series/051-500.zip
08.51		Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	R1997	6.0.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert	#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/8_series/051-600.zip

08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	R1998	7.0.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/051-700.zip
08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	R1999	8.0.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/8_series/051-800.zip
08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	Ph1	3.0.2		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/08series/085-302.zip
08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	Ph2	4.2.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#7: 4.0.1 #13: 4.1.0 #14: 4.2.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/08series/085-420.zip
08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	R1996	5.0.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/8_series/052-500.zip
08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	R1997	6.0.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/8_series/052-600.zip
08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	R1998	7.0.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/052-700.zip
08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	R1999	8.0.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/8_series/052-800.zip
08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	Ph1	3.0.1		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/08series/085-301.zip
08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	Ph2	4.1.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#7: 4.0.1 #13: 4.1.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/08series/085-410.zip
08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	R1996	5.0.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#16: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/8_series/054-500.zip

08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	R1997	6.0.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/8_series/054-600.zip
08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	R1998	7.0.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/054-700.zip
08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	R1999	8.0.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/8_series/054-800.zip
08.56	BSC-BTS Layer 2 Specification	Ph1	3.1.1		Yes	G2	-	ANDERSEN, Harald	ERICSSON TELECOM	THOMASEN, Gert		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/08series/085-311.zip
08.56	BSC-BTS Layer 2 Specification	Ph2	4.0.2		Yes	G2	-	ANDERSEN, Harald	ERICSSON TELECOM	THOMASEN, Gert		#8: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/08series/085-402.zip
08.56	BSC-BTS Layer 2 Specification	R1996	5.0.0		Yes	G2	-	ANDERSEN, Harald	ERICSSON TELECOM	THOMASEN, Gert		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/8_series/056-500.zip
08.56	BSC-BTS Layer 2 Specification	R1997	6.0.0		Yes	G2	-	ANDERSEN, Harald	ERICSSON TELECOM	THOMASEN, Gert		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/8_series/056-600.zip
08.56	BSC-BTS Layer 2 Specification	R1998	7.0.0		Yes	G2	-	ANDERSEN, Harald	ERICSSON TELECOM	THOMASEN, Gert		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/056-700.zip
08.56	BSC-BTS Layer 2 Specification	R1999	8.0.0		Yes	G2	-	ANDERSEN, Harald	ERICSSON TELECOM	THOMASEN, Gert		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/8_series/056-800.zip
08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	Ph1-EXT	3.0.0		No	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#7: 3.0.0	link not available a present
08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	Ph1-DCS	3.0.0		No	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		.	link not available a present
08.58	Base Station Controller -	Ph1	3.6.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN,		#10: 3.6.0	ftp://ftp.3gp.org/Spec

		Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification								Gert			s/2000-09/Ph1/08 series/085-360.zip
08.58		Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	Ph2	4.9.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert	#7: 4.3.0 #8: 4.4.0 #9: 4.5.0 #10: 4.6.0 #13: 4.7.0 #15: 4.8.0 #16: 4.9.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/08 series/085-490.zip
08.58		Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	R1996	5.a.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert	#16: 5.0.0 #17: 5.1.0 #19: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #26: 5.8.0 #29: 5.9.0 #30: 5.10.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/8_series/058-5a0.zip
08.58		Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	R1997	6.3.0		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert	#25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/8_series/058-630.zip
08.58		Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	R1998	7.4.1		Yes	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert	#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31: 7.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/058-741.zip
08.58		Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	R1999	8.5.0		No	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert	#29: 8.0.0 #30: 8.1.0 #30: 8.2.0 #31: 8.3.0 #31b: 8.4.0 GERAN#1: 8.5.0	link not available a present
08.59		BSC-BTS O&M Signalling Transport	Ph1	3.1.0		Yes	GP	-	..,		USAI, Paolino	.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/08 series/085-310.zip
08.59		BSC-BTS O&M Signalling Transport	R1999	8.0.0		No	GP	-	..,		USAI, Paolino	record created in error	link not available a present
08.60		Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	Ph1	3.3.1		Yes	GP	-	..,		USAI, Paolino	.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/08 series/086-331.zip
08.60		Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	Ph2	4.4.1		Yes	GP	-	..,		USAI, Paolino	#7: 4.1.0 #13: 4.2.0 #22: 4.3.0 #23: 4.4.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/08 series/086-441.zip
08.60		Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	R1996	5.1.1		Yes	GP	-	..,		USAI, Paolino	#17: 5.0.0 #19: 5.0.1 #20: 5.0.2 #22: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/8_series/060-511.zip
08.60		Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	R1997	6.0.1		Yes	GP	-	..,		USAI, Paolino	#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/8_series/060-601.zip

08.60	Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	R1998	7.2.0		Yes	GP	-	..,		USAI, Paolino		#29: 7.0.0 #30: 7.1.0 #30b: 7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/060-720.zip
08.60	Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	R1999	8.1.0		Yes	GP	-	..,		USAI, Paolino		#30: 8.0.1 #30b: 8.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/8_series/060-810.zip
08.61	Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)	Ph2	4.0.2		Yes	GP	NP	JACOB, Petra	SIEMENS AG	USAI, Paolino		#13: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/08series/086-402.zip
08.61	Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)	R1996	5.0.1		Yes	GP	NP	JACOB, Petra	SIEMENS AG	USAI, Paolino		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/8_series/061-501.zip
08.61	Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)	R1997	6.0.1		Yes	GP	NP	JACOB, Petra	SIEMENS AG	USAI, Paolino		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/8_series/061-601.zip
08.61	Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)	R1998	7.2.1		Yes	GP	NP	JACOB, Petra	SIEMENS AG	USAI, Paolino		#29: 7.0.0 #30: 7.1.0 #30b: 7.2.0 Edito: 7.2.1	ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/061-721.zip
08.61	Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)	R1999	8.0.0		Yes	GP	NP	JACOB, Petra	SIEMENS AG	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/8_series/061-800.zip
08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	R1998	7.1.1		Yes	S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	#28: 7.0.0 TSG#7: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/062-711.zip
08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	R1999	8.0.1		Yes	S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/8_series/062-801.zip
08.71	Location services (LCS) SMLC-BSS intface L 3	R1998	7.3.0		Yes	G2	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert		#29: 7.0.0 #30bis: 7.1.0 edito: 7.1.1 #31:7.2.0 #31b:7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/8_series/071-730.zip
08.71	Location services (LCS) SMLC-BSS intface L 3	R1999	8.1.0		Yes	G2	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/8_series/071-810.zip

09.01	General Network Interworking Scenarios	Ph1	3.0.1		Yes	N4	-	...		SETTIMO, Franco		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/09series/090-301.zip
09.01	General Network Interworking Scenarios	Ph2	4.0.1		Yes	N4	-	...		SETTIMO, Franco		#8: 4.0.0 #9: 4.0.1	ftp://ftp.3gp.org/Specs/2000-09/Ph2/09series/090-401.zip
09.01	General Network Interworking Scenarios	R1996	5.0.0		Yes	N4	-	...		SETTIMO, Franco		#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/9_series/01-500.zip
09.01	General Network Interworking Scenarios	R1997	6.0.0		Yes	N4	-	...		SETTIMO, Franco		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/9_series/01-600.zip
09.01	General Network Interworking Scenarios	R1998	7.0.0		Yes	N4	-	...		SETTIMO, Franco		#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/9_series/01-700.zip
09.01	General Network Interworking Scenarios	R1999	8.0.0		Yes	N4	-	...		SETTIMO, Franco		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/01-800.zip
09.02	Mobile Application Part (MAP) Specification	Ph1-DCS	3.0.0		No	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	SETTIMO, Franco	CN->N4 Apr00 (JMM)	.	link not available a present
09.02	Mobile Application Part (MAP) Specification	Ph1	3.b.0		Yes	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	SETTIMO, Franco	CN->N4 Apr00 (JMM)	#9: 3.9.0 #12: 3.10.0 #14: 3.11.0	ftp://ftp.3gp.org/Specs/2000-09/Ph1/09series/090-3b0.zip
09.02	Mobile Application Part (MAP) Specification	Ph2	4.j.0		Yes	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	SETTIMO, Franco	CN->N4 Apr00 (JMM)	#7: 4.4.0 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #11: 4.8.0 #12: 4.9.0 #13: 4.10.0 #14: 4.11.0 #16: 4.12.0 #17: 4.13.0 #19: 4.14.0 #20: 4.15.0 #21: 4.16.0 #22: 4.17.0 #23: 4.18.0 TSG#8:4.19.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/09series/090-4j0.zip
09.02	Mobile Application Part (MAP) Specification	R1996	5.f.0		Yes	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	SETTIMO, Franco	CN->N4 Apr00 (JMM)	#16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0 #23: 5.7.0 #24: 5.8.0 #25: 5.9.0 #26: 5.10.0 #27: 5.11.0 #28: 5.12.0 #29: 5.13.0 TSG#5: 5.14.0 TSG#8:5.15.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/9_series/02-5f0.zip
09.02	Mobile Application Part (MAP) Specification	R1997	6.8.0		Yes	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	SETTIMO, Franco	CN->N4 Apr00 (JMM)	#24: 6D1.0 #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 TSG#5: 6.5.0 N#6: 6.6.0. TSG#7: 6.7.0 TSG#8:6.8.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/9_series/02-680.zip



09.02	Mobile Application Part (MAP) Specification	R1998	7.5.1		Yes	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	SETTIMO, Franco	CN->N4 Apr00 (JMM)	#28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#6: 7.3.0. TSG#7: 7.4.0 TSG#8:7.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/9_series/02-751.zip
09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	Ph1	3.0.1		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/09series/090-301.zip
09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	Ph2	4.0.3		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#8: 4.0.0 #9: 4.0.1	ftp://ftp.3gp.org/Specs/2000-09/Ph2/09series/090-403.zip
09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	R1996	5.0.0		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/9_series/03-500.zip
09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	R1997	6.0.0		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/9_series/03-600.zip
09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	R1998	7.0.0		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/9_series/03-700.zip
09.04	Interworking between the	Ph1	3.0.1		Yes	N3	-	..,		BOSWARTHIC	N3: "no R99	.	ftp://ftp.3gp.org/Spec

		Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								K, David	needed".		s/2000-09/Ph1/09 series/090-301.zip	
09.04		Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	Ph2	4.0.2		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#7: 4.0.0 #8: 4.0.1 #9: 4.0.2	ftp://ftp.3gp.org/Specs/2000-09/Ph2/09 series/090-402.zip
09.04		Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	R1996	5.0.0		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/9_series/04-500.zip
09.04		Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	R1997	6.0.0		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/9_series/04-600.zip
09.04		Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	R1998	7.0.0		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/9_series/04-700.zip
09.05		Interworking between the PLMN and the PSPDN for PAD Access	Ph1	3.2.2		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/09 series/090-322.zip
09.05		Interworking between the PLMN and the PSPDN for PAD Access	Ph2	4.4.2		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#7: 4.3.0 #8: 4.4.0 #9: 4.4.1	ftp://ftp.3gp.org/Specs/2000-09/Ph2/09 series/090-442.zip
09.05		Interworking between the PLMN and the PSPDN for PAD Access	R1996	5.0.0		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#20: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/9_series/05-500.zip
09.05		Interworking between the PLMN and the PSPDN for PAD Access	R1997	6.0.0		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/9_series/05-600.zip
09.05		Interworking between the PLMN and the PSPDN for PAD Access	R1998	7.0.0		Yes	N3	-	..,		BOSWARTHIC K, David	N3: "no R99 needed".	#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/9_series/05-700.zip
09.06		Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public	Ph2	4.5.0		Yes	N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHIC K, David	N3: "no R99 needed".	#7: 4.3.0 #9: 4.4.0 #12: 4.5.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/09 series/090

		Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services												-450.zip
09.06		Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	R1996	5.0.2		Yes	N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHIC K, David	N3: "no R99 needed".	#19: 5.0.0 #20: 5.0.1	ftp://ftp.3gp.org/Specs/2000-09/R1996/9_series/06-502.zip
09.06		Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	R1997	6.0.0		Yes	N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHIC K, David	N3: "no R99 needed".	#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/9_series/06-600.zip
09.06		Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	R1998	7.0.0		Yes	N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHIC K, David	N3: "no R99 needed".	#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/9_series/06-700.zip
09.07		General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	Ph1	3.a.0		Yes	N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHIC K, David		#5: 3.8.0 #9: 3.9.0 #14: 3.10.0	ftp://ftp.3gp.org/Specs/2000-09/Ph1/09series/090-3a0.zip
09.07		General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or	Ph2	4.d.1		Yes	N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHIC K, David		#7: 4.4.0 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #13: 4.8.0 #14: 4.9.0 #16: 4.10.0 #18: 4.11.0 #20: 4.12.0 #27: 4.13.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/09series/090-4d1.zip

		Public Switched Telephone Network (PSTN)												
09.07		General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	R1996	5.a.0		Yes	N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHIC K, David		#16: 5.0.0 #17: 5.0.1 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #27: 5.8.0 #28: 5.9.0 N#6: 5.10.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/9_series/07-5a0.zip
09.07		General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	R1997	6.2.0		Yes	N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHIC K, David		#27: 6.0.0 #29: 6.1.0 N#6: 6.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/9_series/07-620.zip
09.07		General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	R1998	7.2.0		Yes	N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHIC K, David		#27: 7.0.0 #28: 7.1.0 #29: 7.1.1 N#6: 7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/9_series/07-720.zip
09.07		General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	R1999	8.0.0		No	N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHIC K, David		#29: 8.0.0 (to be deleted, moved to 3GPP)	link not available a present
09.08		Application of the Base Station System Application Part (BSSAP) on the E-Interface	Ph2	4.1.1		Yes	N1	-	JORGENSEN, Per Johan	ERICSSON L.M. Telefonaktiebolaget	AL -BAKRI, Ban		#9: 4.0.0 #13: 4.1.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/09_series/090-411.zip
09.08		Application of the Base Station System Application Part (BSSAP) on the E-Interface	R1996	5.1.0		Yes	N1	-	JORGENSEN, Per Johan	ERICSSON L.M. Telefonaktiebolaget	AL -BAKRI, Ban		#20: 5.0.0 #21: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/9_series/08-510.zip
09.08		Application of the Base Station System Application Part (BSSAP)	R1997	6.0.0		Yes	N1	-	JORGENSEN, Per Johan	ERICSSON L.M. Telefonaktiebolaget	AL -BAKRI, Ban		#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/

		on the E-Interface												9_series/08-600.zip ftp://ftp.3gp.org/Specs/2000-09/R1998/9_series/08-720.zip
09.08		Application of the Base Station System Application Part (BSSAP) on the E-Interface	R1998	7.2.0		Yes	N1	-	JORGENSEN, Per Johan	ERICSSON L.M. Telefonaktiebolaget	AL -BAKRI, Ban		#29: 7.0.0 #30: 7.1.0 tsg#6:(7.1.0 then) 7.2.0	
09.08		Application of the Base Station System Application Part (BSSAP) on the E-Interface	R1999	8.0.0		Yes	N1	-	JORGENSEN, Per Johan	ERICSSON L.M. Telefonaktiebolaget	AL -BAKRI, Ban		#31: 8.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/08-800.zip
09.09		Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN	Ph1	3.0.0		No	N4	-	VAINIKKA, Jari	NOKIA Corporation	SETTIMO, Franco		.	link not available a present
09.10		Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	Ph1-DCS	3.0.0		No	N4	-	..,		SETTIMO, Franco		.	link not available a present
09.10		Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	Ph1	3.0.2		Yes	N4	-	..,		SETTIMO, Franco		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/09series/091-302.zip
09.10		Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	Ph2	4.4.1		Yes	N4	-	..,		SETTIMO, Franco		#8: 4.0.0 #9: 4.1.0 #10: 4.2.0 #17: 4.3.0 #23: 4.4.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/09series/091-441.zip
09.10		Information Element Mapping between Mobile Station - Base Station	R1996	5.2.0		Yes	N4	-	..,		SETTIMO, Franco		#17: 5.0.0 #18: 5.1.0 #23: 5.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/

		System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)											9_series/010-520.zip	
09.10		Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	R1997	6.1.0		Yes	N4	-	..,		SETTIMO, Franco		#25: 6.0.0 #29: 6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/9_series/010-610.zip
09.10		Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	R1998	7.1.0		Yes	N4	-	..,		SETTIMO, Franco		#29: 7.0.0 TSG#6: 7.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/9_series/010-710.zip
09.11		Signalling Interworking for Supplementary Services	Ph1	3.0.1		Yes	N4	-	HAMEL, Eric	France Telecom R&D	SETTIMO, Franco		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/09series/091-301.zip
09.11		Signalling Interworking for Supplementary Services	Ph2	4.6.1		Yes	N4	-	HAMEL, Eric	France Telecom R&D	SETTIMO, Franco		#7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #12: 4.4.0 #13: 4.5.0 #19: 4.6.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/09series/091-461.zip
09.11		Signalling Interworking for Supplementary Services	R1996	5.1.0		Yes	N4	-	HAMEL, Eric	France Telecom R&D	SETTIMO, Franco		#18: 5.0.0 #19: 5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/9_series/011-510.zip
09.11		Signalling Interworking for Supplementary Services	R1997	6.0.0		Yes	N4	-	HAMEL, Eric	France Telecom R&D	SETTIMO, Franco		#26: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/9_series/011-600.zip
09.11		Signalling Interworking for Supplementary Services	R1998	7.0.1		Yes	N4	-	HAMEL, Eric	France Telecom R&D	SETTIMO, Franco		#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/

													9_series/011-701.zip	
09.12	Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling	Ph2	4.2.2		Yes	SPAN 3	N4	..,				EN 300 646	#17: 4.0.0 #22: 4.2.1 - SPAN1 prime resp., SMG 2nd resp. - different numbering scheme.	ftp://ftp.3gp.org/Specs/2000-09/Ph2/09_series/091-422.zip
09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	R1997	6.0.0		Yes	N4	-	CHOTAI, Sunil	BT	SETTIMO, Franco			#27: 6.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/9_series/013-600.zip
09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	R1998	7.0.0		Yes	N4	-	CHOTAI, Sunil	BT	SETTIMO, Franco			#29: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/9_series/013-700.zip
09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling	R1998	7.0.2		Yes	SPAN 3	N4	..,				EN 302 646	(SPAN1)	ftp://ftp.3gp.org/Specs/2000-09/R1998/9_series/014-702.zip
09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling	R1999	8.0.0		No	SPAN 3	N4	..,				EN 302 646	May00: Possibly no need for an update.	link not available a present
09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification	R1997	6.1.0		Yes	N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban			#25: 6.0.0 #28: 6.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/9_series/016-610.zip
09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification	R1998	7.0.1		Yes	N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban			#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/9_series/016-701.zip
09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	R1997	6.6.0		Yes	N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban			#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 TSG#5: 6.5.0 TSG#7: 6.6.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/9_series/018-660.zip
09.18	General Packet Radio Service (GPRS); Serving	R1998	7.3.0		Yes	N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban			#28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#7: 7.3.0	ftp://ftp.3gp.org/Specs/2000-

		GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification											09/R1998/9_series/018-730.zip	
09.18		General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	R1999	8.0.0		Yes	N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		#29: 8.0.0 (to be deleted, moved to 3GPP)	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/018-800.zip
09.31		Location Services LCS Extension (BSSAP-LE)	R1998	7.4.0		No	G2	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert		#30 info #30b: 7.0.0 (implementation of CRs wrong, so expect 7.1.0) #31:7.1.0 #31b:7.2.0 #32:7.3.0 GERAN#1:7.4.0	link not available a present
09.31		Location Services LCS Extension (BSSAP-LE)	R1999	8.3.0		No	G2	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert		#32:8.2.0 GERAN#1:8.3.0	link not available a present
09.60		General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface	R1997	6.8.0		Yes	N4	-	OLTEDAL, Einar	ERICSSON L.M. Telefonaktiebolaget	SETTIMO, Franco		#24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn) #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 TSG#5: 6.5.0. TSG#7: 6.7.0 TSG#8:6.8.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/9_series/060-680.zip
09.60		General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface	R1998	7.5.0		Yes	N4	-	OLTEDAL, Einar	ERICSSON L.M. Telefonaktiebolaget	SETTIMO, Franco		#28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#6: 7.3.0. TSG#7: 7.4.0 TSG#8:7.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/9_series/060-750.zip
09.61		General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet	R1997	6.4.0		Yes	N3	-	HEATON, Graham	RTS Wireless Inc.	BOSWARTHIC K, David		#25: 6.0.0 #26: 6.2.0 (6.1.0 withdrawn due to WORD compatibility problems) #27: 6.3.0 #30: 6.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/9_series/061-640.zip
09.61		General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet	R1998	7.2.0		Yes	N3	-	HEATON, Graham	RTS Wireless Inc.	BOSWARTHIC K, David		#28: 7.0.0 #29: 7.1.0 N#6: 7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/9_series/061-720.zip
09.78		CAMEL Application Part phase 2 (stage 3)	R1996	5.7.0		Yes	N2	-	NOLDUS, Rogier	ERICSSON L.M. Telefonaktiebolaget	SETTIMO, Franco		#21: 5.0.0 #22: 5.1.0 #23: 5.2.0 #24: 5.3.0 #25: 5.4.0 #26: 5.5.0 #28: 5.6.0 #29: 5.7.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/9_series/078-570.zip
09.78		CAMEL Application Part phase 2 (stage 3)	R1997	6.5.0		Yes	N2	-	NOLDUS, Rogier	ERICSSON L.M. Telefonaktiebolaget	SETTIMO, Franco		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 TSG#8:6.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1997/





		Description													
10.02		Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+	R1998	5.1.0		No	N4	-	..,		SETTIMO, Franco		#21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0	link not available a present	
10.02		Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+	R1997	6.1.0		No	N4	-	..,		SETTIMO, Franco		#28: 6.1.0	link not available a present	
10.14		System Overview for 14.4 kbit/s Work Item	R1996	5.0.0		No	S2	-	..,		SULTAN, Alain	still alive?	#22: 5.0.0	link not available a present	
10.17		General Packet Radio Service (GPRS); Charging in GPRS	R1997	0.0.0		No	-	-	HEATON, Graham	RTS Wireless Inc.	,	Scrapped.	#25: 1.0.0 #26: replaced by 12.15 or 12.04 (v7)	(look in drafts directory)	
10.20		Lawful Interception requirements for GSM	R1999	0.0.0		No	S3	-	..,		POPE, Maurice		.	(look in drafts directory)	
10.43		Support of Localised Service Area (SoLSA); Work Item Status	R1998	1.2.0		Yes	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael		#25: 1.11.0 #30b: 1.11.0	(look in drafts directory)	
10.56		Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1	R1998	7.0.0		Yes	S2	-	GALLIGO, Michel	ALCATEL France	SULTAN, Alain		#27: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/0_series/156-700.zip	
10.56		Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1	R1999	8.0.0		Yes	S2	-	GALLIGO, Michel	ALCATEL France	SULTAN, Alain		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/0_series/156-800.zip	
10.57		Project scheduling and open issues: Mobile Station Execution Environment (MExE)	R1998	7.0.0		Yes	T2	-	RODERMUND, Friedhelm	ETSI Secretariat	RODERMUND, Friedhelm		#26: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/0_series/157-700.zip	
10.57		Project scheduling and open issues: Mobile Station Execution Environment (MExE)	R1999	8.0.0		No	T2	-	RODERMUND, Friedhelm	ETSI Secretariat	RODERMUND, Friedhelm		No R99 impact.	link not available a present	
10.59		Project scheduling and open issues for EDGE	R1999	8.0.0		Yes	GP	-	MUELLER, Frank	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino		May00: 1.23.0 ("final" version) #32:8.0.0 (1.23.0)	ftp://ftp.3gp.org/Specs/2000-09/R1999/0_series/159-800.zip	
10.60		General Packet Radio Services (GPRS); Project Scheduling and Open Issues	R1997	6.0.0		No	S2	-	PETERSEN, Johan	ERICSSON L.M. Telefonaktiebolaget	SULTAN, Alain		#21: 5.0.0 #22: 5.1.0 #23: 5.2.0 #24: 5.3.0 #25: 6.0.0 (5.x.y withdrawn)	link not available a present	
10.60		General Packet Radio Services (GPRS); Project Scheduling and Open Issues	R1999	8.0.0		No	S2	-	PETERSEN, Johan	ERICSSON L.M. Telefonaktiebolaget	SULTAN, Alain		will never be created	link not available a present	

10.68	Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS)	R1996	5.0.0		No	S2	-	VAN DER AREND, Peter	KPN - Koninklijke PTT Nederland NV	SULTAN, Alain		#21: 5.0.0	link not available a present
10.68	Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS)	R1999	8.0.0		No	S2	-	VAN DER AREND, Peter	KPN - Koninklijke PTT Nederland NV	SULTAN, Alain		.	link not available a present
10.70	GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR	R1998	0.2.0		Yes	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#27: 0.0.1 for info #28: 0.2.0	(look in drafts directory)
10.71	Project scheduling and open issues: Location services (LCS)	R1998	2.1.0		No	S1	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	CLAYTON, Michael		#29: 7.0.0 #30: 2.0.6! #30b: 2.0.7 #31: 2.1.0	(look in drafts directory)
10.78	Project scheduling and open issues: CAMEL	R1998	1.6.0		No	S2	-	..,		SULTAN, Alain		#25: 1.6.0	(look in drafts directory)
10.78	Project scheduling and open issues: CAMEL	R1999	8.0.0		No	S2	-	..,		SULTAN, Alain		will not be created	link not available a present
10.89	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;	R1999	0.0.6		Yes	GP	-	ISAACS, Ken	SIEMENS AG	USAI, Paolino		0.0.5 appeared 19-apr-00	(look in drafts directory)
10.99	GERAN project plan and open issues	R2000	0.0.7		No	GP	-	MUELLER, Frank	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino		May00:0.0.5 #32:0.0.5	(look in drafts directory)
11.10	Mobile Station Conformity Specification (DCS 1800)	Ph1-DCS	3.e.0		No	G4	S1 / GP / NP / T2 / SCP	LEGRAND, Walter	MATRA NORTEL COMMUNICATIONS	SALMERON, Lidia		#2: 3.2.0 #3: 3.3.0 #4b: 3.4.0 #5: 3.5.0 #6: 3.6.0 #7: 3.7.0 #8: 3.8.0 #9: 3.9.0 #10: 3.10.0 #11: 3.11.0 #12: 3.12.0 #13: 3.13.0 #28: 3.14.0	link not available a present
11.10	Mobile Station Conformity Specification (DCS 1800)	Ph1	3.n.1		Yes	G4	S1 / GP / NP / T2 / SCP	LEGRAND, Walter	MATRA NORTEL COMMUNICATIONS	SALMERON, Lidia		#2: 3.8.0 #3: 3.9.0 #4b: 3.10.0 #5: 3.11.0 #6: 3.12.0 #7: 3.13.0 #8: 3.14.0 #8: 3.15.0 #9: 3.16.0 #10: 3.17.0 #11: 3.18.0 #12: 3.19.0 #13: 3.20.0 #15: 3.21.0 #16: 3.22.0 #20: 3.23.0	ftp://ftp.3gp.org/Specs/2000-09/Ph1/111series/111-3n1.zip
11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification	Ph2	4.s.1		Yes	G4	S1 / GP / NP / T2 / SCP	..,		SALMERON, Lidia	R99 version now serves all releases. Earlier releases frozen.	#16: 4.13.0 #17: 4.14.0 #18: 4.15.0 #19: 4.16.0 #20: 4.17.0 #21: 4.18.0 #22: 4.19.0 #23: 4.20.0 #24: 4.21.0 #25: 4.22.0 #26: 4.23.0 #27: 4.24.0 #28:	ftp://ftp.3gp.org/Specs/2000-09/Ph2/111series/111-1-4s1.zip

													4.25.0 #29: 4.26.0 #30: 4.27.0 #31:4.28.0 #31b: closed (R99 version serves all releases)	
11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification	R1996	5.b.1		Yes	G4	S1 / GP / NP / T2 / SCP	..			SALMERON, Lidia	R99 version now serves all releases. Earlier releases frozen.	#18: 5.0.0 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0 #25: 5.5.0 #26: 5.6.0 #27: 5.7.0 #28: 5.8.0 #29: 5.9.0 #30: 5.10.0 #31:5.11.0 #31bis: closed (R99 version serves all releases)	ftp://ftp.3gp.org/Specs/2000-09/R1996/1_series/10-1-5b1.zip
11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification	R1997	6.3.1		Yes	G4	S1 / GP / NP / T2 / SCP	..			SALMERON, Lidia	R99 version now serves all releases. Earlier releases frozen.	#28: 6.0.0 #29: 6.1.0 #30: 6.2.0 #31:6.3.0 #31bis: closed (R99 version serves all releases)	ftp://ftp.3gp.org/Specs/2000-09/R1997/1_series/10-1-631.zip
11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification	R1998	7.2.1		Yes	G4	S1 / GP / NP / T2 / SCP	..			SALMERON, Lidia	R99 version now serves all releases. Earlier releases frozen.	#29: 7.0.0 #30: 7.1.0 #31:7.2.0 #31bis: closed (R99 version serves all releases)	ftp://ftp.3gp.org/Specs/2000-09/R1998/1_series/10-1-721.zip
11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification	R1999	8.2.0		Yes	G4	S1 / GP / NP / T2 / SCP	..			SALMERON, Lidia	R99 version now serves all releases. Earlier releases frozen.	#29: 7.0.0 #30: 7.1.0 #31: 8.0.0 & 8.1.0 #32:closed. #32:8.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/10-1-820.zip
11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification	R2000	9.0.1		Yes	G4	S1 / GP / NP / T2 / SCP	..			SALMERON, Lidia	R99 version now serves all releases. Earlier releases frozen.	#32:9.0.0	ftp://ftp.3gp.org/Specs/2000-09/R2000/1_series/10-1-901.zip
11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	Ph2	4.f.0		Yes	G4	S1 / GP / NP / T2 / SCP	..			SALMERON, Lidia		#16: 4.13.0 #17: 4.14.0 #18: 4.15.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/11series/111-2-4f0.zip
11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	R1999	8.0.0		No	G4	S1 / GP / NP / T2 / SCP	..			SALMERON, Lidia		proposed, but nya; flagged as withdrawn at SMG#32 to make life easier	link not available a present
11.10-3	Layer3 (L3) Abstract Test Suite (ATS)	Ph2	4.t.0		Yes	G4	S1 / GP / NP / T2 / SCP	..			SALMERON, Lidia		#16: 4.13.0 #17: 4.14.0 #18: 4.15.0 #19: 4.16.0 #20: 4.17.0 #21: 4.18.0 #22: 4.19.0 #23: 4.20.0 #24: 4.21.0 #25: 4.22.0 #26: 4.23.0 #27: 4.24.0 #28: 4.25.0 #29: 4.26.0 #30: 4.27.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/11series/111-3-4t0.zip

													#31:4.28.0 #32:4.29.0	
11.10-3	Layer3 (L3) Abstract Test Suite (ATS)	R1996	5.0.1		Yes	G4	S1 / GP / NP / T2 / SCP	...			SALMERON, Lidia		#30: 5.0.0 #32:closed	ftp://ftp.3gp.org/Specs/2000-09/R1996/1_series/110-3-501.zip
11.10-3	Layer3 (L3) Abstract Test Suite (ATS)	R1999	8.0.0		No	G4	S1 / GP / NP / T2 / SCP	...			SALMERON, Lidia		skipped straight to R00.	link not available a present
11.10-3	Layer3 (L3) Abstract Test Suite (ATS)	R2000	9.0.0		Yes	G4	S1 / GP / NP / T2 / SCP	...			SALMERON, Lidia		Tdoc 7-00-276; P-00-266 #32:9.0.0	ftp://ftp.3gp.org/Specs/2000-09/R2000/1_series/110-3-900.zip
11.10-4	SIM Application Toolkit conformance specification	R1996	5.1.1		Yes	G4	-		SALMERON, Lidia	ETSI Secretariat	SALMERON, Lidia		#30:5.0.0 #31:5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/1_series/110-4-511.zip
11.10-4	SIM Application Toolkit conformance specification	R1999	8.0.0		No	G4	-		SALMERON, Lidia	ETSI Secretariat	SALMERON, Lidia		May 00: R99 not anticipated.	link not available a present
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	Ph1-DCS	3.3.4		No	T3	-		VEDDER, Klaus	GIESECKE & DEVRIENT GmbH	SANDERS, Michael		#2: 3.2.0 #4: 3.3.0 #8: 3.3.1 #9: 3.3.2 #11: 3.3.3 #12: 3.3.4	link not available a present
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	Ph1	3.g.0		Yes	T3	-		VEDDER, Klaus	GIESECKE & DEVRIENT GmbH	SANDERS, Michael		#2: 3.11.0 #3: 3.12.0 #8: 3.13.0 #9: 3.14.0 #11: 3.15.0 #12: 3.16.0	ftp://ftp.3gp.org/Specs/2000-09/Ph1/111-series/111-3g0.zip
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	Ph2	4.1.1		No	T3	-		VEDDER, Klaus	GIESECKE & DEVRIENT GmbH	SANDERS, Michael		#7: 4.8.0 #8: 4.9.0 #9: 4.10.0 #10: 4.11.0 #11: 4.12.0 #12: 4.13.0 #13: 4.14.0 #15: 4.15.0 #16: 4.16.0 #18: 4.17.0 #19: 4.18.0 #20: 4.18.1 #21: 4.18.2 #22: 4.19.0 #25: 4.20.0 #29: 4.21.0	link not available a present
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	R1996	5.a.1		Yes	T3	-		VEDDER, Klaus	GIESECKE & DEVRIENT GmbH	SANDERS, Michael		#16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #23: 5.7.0 #24: 5.8.0 #25: 5.9.0 #26: 5.10.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/1_series/111-5a1.zip
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	R1997	6.3.0		Yes	T3	-		VEDDER, Klaus	GIESECKE & DEVRIENT GmbH	SANDERS, Michael		#25: 6.0.0 #26: 6.1.0 #28: 6.2.0 #31:6.3.0 #32:frozen	ftp://ftp.3gp.org/Specs/2000-09/R1997/1_series/111-630.zip

11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	R1998	7.6.1		Yes	T3	-	VEDDER, Klaus	GIESECKE & DEVRIENT GmbH	SANDERS, Michael		#26: 7.0.0 #27: 7.1.0 #28: 7.2.0 #29: 7.3.0 #30: 7.4.0 #31:7.5.0 #32:frozen #32:7.6.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/1_series/11-761.zip
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	R1999	8.3.0		Yes	T3	-	VEDDER, Klaus	GIESECKE & DEVRIENT GmbH	SANDERS, Michael		#29: 8.0.0 #30: 8.1.0 #31:8.2.0 #32:8.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/11-830.zip
11.12	Specification on the 3 Volt subscriber identity module Equipment (SIM-ME) Interface	Ph2	4.3.1		Yes	-	-	LINDHOLM, Rune	NOKIA MOBILE PHONES	,		#15: 4.0.0 #17: 4.1.0 #19: 4.1.2 #21: 4.2.0 #23: 4.3.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/11series/111-431.zip
11.12	Specification on the 3 Volt subscriber identity module Equipment (SIM-ME) Interface	R1996	5.0.0		No	-	-	LINDHOLM, Rune	NOKIA MOBILE PHONES	,		#16: 5.0.0 withdrawn	link not available a present
11.14	Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit	R1996	5.9.0		Yes	T3	-	WOODSEND, Kristian	ASPECTS Software Ltd	SANDERS, Michael		#18: 5.0.0 #19: 5.1.0 #20: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23 5.5.0 #24: 5.6.0 #25: 5.7.0 #26: 5.8.0 #27: 5.9.0 frozen	ftp://ftp.3gp.org/Specs/2000-09/R1996/1_series/14-590.zip
11.14	Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit	R1997	6.3.0		Yes	T3	-	WOODSEND, Kristian	ASPECTS Software Ltd	SANDERS, Michael		#25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 (#31:6.4.0 but CR later withdrawn)	ftp://ftp.3gp.org/Specs/2000-09/R1997/1_series/14-630.zip
11.14	Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit	R1998	7.5.0		Yes	T3	-	WOODSEND, Kristian	ASPECTS Software Ltd	SANDERS, Michael		#26: 7.0.0 #27: 7.1.0 #28: 7.2.0 #29: 7.3.0 #31:7.4.0 #32:7.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/1_series/14-750.zip
11.14	Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit	R1999	8.3.0		Yes	T3	-	WOODSEND, Kristian	ASPECTS Software Ltd	SANDERS, Michael		#29: 8.0.0 #30: 8.1.0 #31:8.2.0 #32:8.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/14-830.zip
11.17	SIM test specification (phase 2)	R1998	7.0.2		Yes	T3	-	..,		SANDERS, Michael		#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/1_series/17-702.zip
11.17	SIM test specification (phase 2)	R1999	8.0.0		No	T3	-	..,		SANDERS, Michael		May 00: R99 not anticipated.	link not available a present
11.18	Specification of the 1.8	R1998	7.0.1		Yes	T3	-	LINDHOLM, Rune	NOKIA MOBILE	SANDERS,		#25: 1.0.0 #28: 7.0.0	ftp://ftp.3gp.org/Spec

		Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface								PHONES	Michael		s/2000-09/R1998/1_series/118-701.zip
11.18		Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface	R1999	8.0.0		No	T3	-	LINDHOLM, Rune	NOKIA MOBILE PHONES	SANDERS, Michael		link not available a present
11.19		CTS FP SIM	R1999	0.0.0		No	T3	-	...		SANDERS, Michael	CTS only, so no R99 anticipated	(look in drafts directory)
11.19		CTS FP SIM	R1998	7.0.1		Yes	T3	-	...		SANDERS, Michael	#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/1_series/119-701.zip
11.20		GSM DCS 1800 Base Station Specification	Ph1-DCS	3.d.0		No	GP	NP	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino	#1: 3.1.0 #2: 3.2.0 #3: 3.3.0 #4: 3.4.0 #5: 3.5.0 #6: 3.6.0 #7: 3.7.0 #8: 3.8.0 #9: 3.9.0 #10: 3.10.0 #11: 3.11.0 #12: 3.12.0 #17: 3.13.0	link not available a present
11.20		GSM DCS 1800 Base Station Specification	Ph1	3.j.0		Yes	GP	NP	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino	#1: 3.6.0 #2: 3.7.0 #3: 3.8.0 #4: 3.9.0 #5: 3.10.0 #6: 3.11.0 #7: 3.12.0 #8: 3.13.0 #9: 3.14.0 #10: 3.15.0 #11: 3.16.0 #12: 3.17.0 #14: 3.18.0 #17: 3.19.0	ftp://ftp.3gp.org/Specs/2000-09/Ph1/111series/112-3j0.zip
11.21		GSM Radio Aspects Base Station System Equipment Specification	Ph2	4.e.1		Yes	G3	-	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm	#11: 4.0.0 #12: 4.1.0 #13: 4.2.0 #15: 4.3.0 #16: 4.4.0 #17: 4.5.0 #18: 4.6.0 #20: 4.7.0 #22: 4.8.0 #23: 4.9.0 #25: 4.10.0 #26: 4.11.0 #27: 4.12.0 #28: 4.13.0 #29: 4.14.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/111series/112-4e1.zip
11.21		GSM Radio Aspects Base Station System Equipment Specification	R1996	5.4.1		Yes	G3	-	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm	#23: 5.1.0 #25: 5.2.0 #26: 5.3.0 #27: 5.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/1_series/121-541.zip
11.21		GSM Radio Aspects Base Station System Equipment Specification	R1997	6.0.0		No	G3	-	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm	#27:6.0.0 (Rodermund: not required [Aug-00])	link not available a present
11.21		GSM Radio Aspects Base Station System Equipment Specification	R1998	7.2.0		Yes	G3	-	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm	#28: 7.0.0 #29: 7.1.0 #30: 7.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/1_series/121-720.zip
11.21		GSM Radio Aspects Base Station System Equipment Specification	R1999	8.4.0		No	G3	-	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm	#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #30b: 8.0.0 #31:8.1.0 #31b:8.1.0 #32:8.3.0 GERAN#1:8.4.0	link not available a present
11.22		GSM Base Station and Ancillary Equipment, Physical and Electrical Parameters, Application	Ph2	4.2.0		Yes	G3	-	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		ftp://ftp.3gp.org/Specs/2000-09/Ph2/111series/112

		of Standards and Guidance Notes												-420.zip
11.23	GSM Signalling Aspects Base Station System equipment Specification	Ph2	4.9.1		Yes	G3	-	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		#11: 4.0.0 #14: 4.1.0 #15: 4.1.0 #16: 4.2.0 #17: 4.3.0 #18: 4.4.0 #19: 4.5.0 #21: 4.6.0 #22: 4.7.0 #23: 4.8.0 #25: 4.9.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/11series/112-491.zip	
11.24	GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification	Ph2	4.3.1		Yes	G3	-	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		#14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/11series/112-431.zip	
11.25		R2000	0.0.0		No	G3	-	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		(no such spec)	(look in drafts directory)	
11.26	GSM Repeater Equipment Specification	Ph2	4.2.2		Yes	G3	-	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		#15: 4.0.0 #17: 4.1.0 #18: 4.2.0 #20: 4.2.2	ftp://ftp.3gp.org/Specs/2000-09/Ph2/11series/112-422.zip	
11.26	GSM Repeater Equipment Specification	R1996	5.2.1		No	G3	-	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		.	link not available a present	
11.26	GSM Repeater Equipment Specification	R1999	8.0.1		Yes	G3	-	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		#31b:8.0.0 (based on 5.2.1)	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/126-801.zip	
11.30	Mobile Services Switching Centre	Ph1	3.2.1		Yes	GP	-	..,		USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/11series/113-321.zip	
11.31	Home Location Register Specification	Ph1	3.2.1		Yes	GP	-	..,		USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/11series/113-321.zip	
11.32	Visitor Location Register Specification	Ph1	3.2.1		Yes	GP	-	..,		USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/Ph1/11series/113-321.zip	
11.40	DCS 1800 System Simulator Conformity Specification	Ph1-DCS	3.3.0		No	G4	-	..,		SALMERON, Lidia		#4: 3.2.0 #11: 3.3.0	link not available a present	
11.40	DCS 1800 System Simulator Conformity Specification	Ph1	3.7.0		Yes	G4	-	..,		SALMERON, Lidia		#2: 3.6.0 #11: 3.7.0	ftp://ftp.3gp.org/Specs/2000-09/Ph1/11series/114-370.zip	
11.56	CTS phase 1, CTS Fixed Part Tests	R1998	0.0.0		No	-	-	DIA, Sada	ALCATEL France	,		.	(look in drafts directory)	



12.00	Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management	Ph2	4.6.0		Yes	S5	-	...		ZOICAS, Adrian		#7: 4.0.0 #8: 4.1.0 #11: 4.2.0 #15: 4.3.0 #16: 4.4.0 #17: 4.5.0 #23: 4.6.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/12series/120-460.zip
12.01	Common Aspects of Public Land Mobile Network (PLMN) Management	Ph2	4.4.1		Yes	S5	NP	...		ZOICAS, Adrian		#7: 4.0.0 #8: 4.1.0 #9: 4.1.1 #10: 4.2.0 #11: 4.3.0 #17: 4.4.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/12series/120-441.zip
12.02	Subscriber, Mobile Equipment (ME) and Services Data Administration	Ph2	4.6.1		Yes	S5	S1	...		ZOICAS, Adrian		#7: 4.0.0 #8: 4.1.0 #9: 4.2.0 #11: 4.3.0 #15: 4.4.0 #16: 4.5.0 #17: 4.6.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/12series/120-461.zip
12.02	Subscriber, Mobile Equipment (ME) and Services Data Administration	R1996	5.0.1		Yes	S5	S1	...		ZOICAS, Adrian		#22: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/102-501.zip
12.03	Security Management	Ph2	4.2.1		Yes	S5	S1 / NP	...		ZOICAS, Adrian		#11: 4.0.0 #14: 4.1.0 #17: 4.2.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/12series/120-421.zip
12.03	Security Management	R1998	7.0.1		Yes	S5	S1 / NP	...		ZOICAS, Adrian		#28: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/103-701.zip
12.03	Security Management	R1999	8.0.0		Yes	S5	S1 / NP	...		ZOICAS, Adrian		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/103-800.zip
12.04	Performance Management and Measurements for a GSM Public Land Mobile Network (PLMN)	Ph2	4.3.1		Yes	S5	S1 / NP	...		ZOICAS, Adrian		#8: 4.0.0 #11: 4.1.0 #13: 4.2.0 #17: 4.3.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/12series/120-431.zip
12.04	Performance Management and Measurements for a GSM Public Land Mobile Network (PLMN)	R1998	7.0.0		Yes	S5	S1 / NP	...		ZOICAS, Adrian		#30: 7.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/104-700.zip
12.04	Performance Management and Measurements for a GSM Public Land Mobile Network (PLMN)	R1999	8.0.0		Yes	S5	S1 / NP	...		ZOICAS, Adrian		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/104-800.zip
12.05	Subscriber Related Call and Event Data	Ph2	4.3.1		Yes	S5	S1	SJÖBLOM, Kai	NOKIA Corporation	ZOICAS, Adrian		#8: 4.0.0 #11: 4.1.0 #15: 4.1.1 #17: 4.2.0 #22: 4.3.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/12series/120



12.20	Base Station System (BSS) Management Information	Ph2	4.2.1		Yes	S5	NP	..,		ZOICAS, Adrian		#9: 4.0.0 #11: 4.1.0 #13: 4.1.1 #17: 4.2.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/12series/122-421.zip
12.21	Network Management (NM) Procedures and Messages on the A-bis Interface	Ph2	4.6.0		No	S5	GP	YUHAN, Albert	VoiceStream Wireless Corporation	ZOICAS, Adrian		#7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #11: 4.4.0 #13: 4.5.0 #16: 4.5.2 #21: 4.6.0	link not available at present
12.21	Network Management (NM) Procedures and Messages on the A-bis Interface	R1996	5.0.0		Yes	S5	GP	YUHAN, Albert	VoiceStream Wireless Corporation	ZOICAS, Adrian		#21: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/2_series/121-500.zip
12.22	Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)	Ph2	4.1.4		Yes	S5	-	YUHAN, Albert	VoiceStream Wireless Corporation	ZOICAS, Adrian		#11: 4.0.0 #13: 4.1.0 #16: 4.1.2	ftp://ftp.3gp.org/Specs/2000-09/Ph2/12series/122-414.zip
12.30	ETSI Object Identifier Tree; Mobile Domain O&M	Ph2	4.2.0		Yes	S5	-	..,		ZOICAS, Adrian		#10: 4.0.0 #11: 4.1.0 #15: 4.2.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/12series/123-420.zip
12.71	Location Services (LCS); Location services management	R1998	7.0.0		Yes	S5	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	ZOICAS, Adrian		Sept 99: 0.0.1 TSG#8:7.0.0 (2.0.1)	ftp://ftp.3gp.org/Specs/2000-09/R1998/2_series/171-700.zip
12.71	Location Services (LCS); Location services management	R1999	8.0.0		Yes	S5	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	ZOICAS, Adrian		TSG#8:8.0.0 (2.0.1)	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/171-800.zip
13.01	Attachment requirements for Global System for Mobile communications (GSM) mobile stations; Access	Ph2	4.1.0		Yes	MSG	G4	..,		GUTIERREZ MIGUELEZ, Cesar		#28: 1.0.0 #29: 4.0.0 #30: 4.1.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/13series/130-410.zip
13.01-1	Attachment requirements for Global System for Mobile communications (GSM) mobile stations; Access	Ph2	4.0.0		Yes	MSG	G4	..,		GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-1	#27: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/13series/130-1-400.zip
13.01-2	Attachment requirements for mobile stations in the DCS 1800 band and additional GSM 900 band; Access	Ph2	4.0.0		Yes	MSG	G4	..,		GUTIERREZ MIGUELEZ, Cesar		#27: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/13series/130-2-400.zip
13.02	Attachment requirements for mobile stations in the DCS 1800 band and additional GSM 900	Ph2	4.0.1		Yes	MSG	G4	..,		GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 420	#28: 1.0.0 #29: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/13series/130



13.60	Attachment requirements for Global System for Mobile communications (GSM); General Packet Radio Service (GPRS); Mobile stations; Access	R1996	1.0.0		No	MSG	G4	DAVIDIAN, Jean-Jacques	DoCoMo Europe S.A.	GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-4	#30: 1.0.0; stopped (Salmeron 2000-07-1)	(look in drafts directory)
13.60	Attachment requirements for Global System for Mobile communications (GSM); General Packet Radio Service (GPRS); Mobile stations; Access	R1999	8.0.0		No	MSG	G4	DAVIDIAN, Jean-Jacques	DoCoMo Europe S.A.	GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-4	.	link not available a present
13.67	Attachment requirements for Global System for Mobile communications (GSM); Railways Band (R-GSM); Mobile Stations; Access	R1996	5.1.1		Yes	MSG	G4	..,		GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-7	#27: 5.0.0 #31:5.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/167-511.zip
13.67	Attachment requirements for Global System for Mobile communications (GSM); Railways Band (R-GSM); Mobile Stations; Access	R1999	8.0.0		No	MSG	G4	..,		GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-7	R99 not required.	link not available a present
13.68	Attachment requirements for Global System for Mobile communications (GSM); Advanced Speech Call Items (GSM-ASCI) Mobile Stations; Access	R1996	5.0.2		Yes	MSG	G4	..,		GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-3	#27: 5.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1996/3_series/168-502.zip
13.68	Attachment requirements for Global System for Mobile communications (GSM); Advanced Speech Call Items (GSM-ASCI) Mobile Stations; Access	R1999	8.0.0		No	MSG	G4	..,		GUTIERREZ MIGUELEZ, Cesar	Harmonised EN 301 419-3	R99 not required.	link not available a present
21.01	Overall requirements on the radio interface(s) of the UMTS	UMTS	3.0.1		Yes	GP	-	MOULSLEY, Tim	Philips Research Laboratories	USAI, Paolino		#22: 3.0.0	ftp://ftp.3gp.org/Specs/2000-09/UMTS/1_series/201-301.zip
21.010		<?>	3.0.0		Yes	-	-	..,		,		3.0.0 dates from June 99	ftp://ftp.3gp.org/Specs/2000-09/<?>/21series/210-300.zip
21.02	High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA	UMTS	3.0.1		Yes	GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paolino		#22: 3.0.0	ftp://ftp.3gp.org/Specs/2000-09/UMTS/1_series/2



													propagated to R00)	904-310.zip
TR	21.905	3G Vocabulary	R1999	3.1.1	Mar 00	Yes	S1	-	ZARRI, Michele	One 2 One Personal Communication s Limited	CLAYTON, Michael		TSG#7:( SP-000072) 3.0.0 TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/2905-311.zip
TR	21.910	Multi-mode UE issues; categories, principles and procedures	R1999	3.0.0	Jun 00	Yes	-	-	PERSSON, Sofi	TELIA AB	,	TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified title.	TSG#7: 2.0.0, but not approved. Number to be changed to 21.810. TSG#8: Re-instated with changed title and contents. TSG#8:3.0.0 (2.1.0)	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/2910-300.zip
TR	21.978	Feasibility Technical Report – CAMEL Control of VoIP Services	R1999	3.0.0	Mar 00	Yes	N2	-	SMITH, David	BT Cellnet	SETTIMO, Franco		Not approved N#6. TSG#8:3.0.0 (2.1.1)	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/2978-300.zip
	22.00	UMTS Phase 1	UMTS	1.0.0		No	-	-	VERRIER, David	France Telecom R&D	,		#27: 1.0.0 for info	(look in drafts directory)
TS	22.001	Principles of CircuitTelecommunication Services Supported by a Public Land Mobile Network (PLMN)	R1999	3.2.0	Mar 00	Yes	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#5	Transfer>TSG#5. TSG#7: 3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2001-320.zip
TS	22.002	Circuit Bearer Services Supported by a PLMN	R1999	3.4.0	Oct 99	Yes	S1	-	CARPENTER, Paul	Lucent Technologies Network Systems UK	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.3.0 TSG#8:3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2002-340.zip
TS	22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	R1999	3.2.0	Jun 00	Yes	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#5	Transfer>TSG#5, CR@TSG#6. TSG#7: 3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2003-320.zip
TS	22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	R2000	4.0.0		Yes	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#5	TSG#7: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/R2000/2_series/2003-400.zip
TS	22.004	General on Supplementary Services	R1999	3.2.1	Oct 99	Yes	S1	-	CARPENTER, Paul	Lucent Technologies Network Systems UK	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	CR@TSG#6. TSG#7: 3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2004-321.zip
	22.01	Universal Mobile Telecommunications	UMTS	3.3.0		Yes	-	-	DWYER, Paul	VODAFONE Group Plc	,		#21: 3.0.0 #22: 3.1.0 #24: 3.2.1 #27: 3.3.0	ftp://ftp.3gp.org/Specs/2000-

		System (UMTS): Service aspects; Service principles												09/UMTS/2_series/201-330.zip
TS	22.011	Service accessibility	R1999	3.2.0	Oct 99	Yes	S1	-	GALLAIRE, Jean Paul	France Telecom R&D	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2011-320.zip
TS	22.011	Service accessibility	R2000	4.1.0	Oct 99	Yes	S1	-	GALLAIRE, Jean Paul	France Telecom R&D	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 4.0.0 TSG#8:4.1.0	ftp://ftp.3gp.org/Specs/2000-09/R2000/2_series/2011-410.zip
TS	22.016	International Mobile Equipment Identities (IMEI)	R2000	0.0.0	Oct 99	No	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#8: CR proposed creation, but not aprvd.	(look in drafts directory)
TS	22.016	International Mobile Equipment Identities (IMEI)	R1999	3.2.0	Oct 99	Yes	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2016-320.zip
TS	22.022	Personalisation of GSM ME Mobile functionality specification - Stage 1	R1999	3.1.0	Oct 99	Yes	S3	-	NGUYEN NGOC, Sebastien	France Telecom R&D	POPE, Maurice	Transfer>TSG#4,CR at TSG#5	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2022-310.zip
TS	22.024	Description of Charge Advice Information (CAI)	R1999	3.0.1	Oct 99	Yes	S1	-	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2024-301.zip
TS	22.030	Man-Machine Interface (MMI) of the Mobile Station (MS)	R1999	3.3.0	Oct 99	Yes	S1	-	TOIVANEN, Annukka	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2030-330.zip
TS	22.034	High Speed Circuit Switched Data (HSCSD) - Stage 1	R1999	3.2.2	Oct 99	Yes	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2034-322.zip
TS	22.038	SIM application toolkit (SAT); Stage 1	R1999	3.2.0	Oct 99	Yes	S1	-	ROBINSON, Bill	MOTOROLA Ltd	CLAYTON, Michael	Transfer>TSG#4	TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2038-320.zip
TS	22.041	Operator Determined Call Barring	R1999	3.1.0	Oct 99	Yes	S1	-	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	ftp://ftp.3gp.org/Specs/2000-



														09/R1999/2_series/2041-310.zip
TS	22.042	Network Identity and Time Zone (NITZ), stage 1	R1999	3.0.1	Oct 99	Yes	S1	-	DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	CR to 3.0.1 not aprvd.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2042-301.zip
TS	22.043	Support of Localised Service Area (SoLSA) - Stage 1	R1999	3.1.0	Oct 99	Yes	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2043-310.zip
	22.05	Services and service capabilities	UMTS	3.1.0		Yes	-	-	PUGA PEREIRA, Emmanuel	France Telecom R&D	,		#25: 3.0.0 #26: 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/UMTS/2_series/205-310.zip
TS	22.053	Tandem Free Operation of speech codecs; Stage 1 service description	R2000	0.1.1	tbd	Yes	S4	-	...		USAI, Paolino	Transfer>TSG#4	.	(look in drafts directory)
TS	22.057	Mobile Station Application Execution Environment (MEXE); Stage 1	R1999	3.0.1	Oct 99	Yes	S1	-	CATALDO, Mark	MOTOROLA Ltd	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2057-301.zip
TS	22.060	General Packet Radio Service (GPRS); Stage 1	R1999	3.4.0	Oct 99	Yes	S1	-	CARPENTER, Paul	Lucent Technologies Network Systems UK	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.3.0 TSG#8:3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2060-340.zip
TS	22.060	General Packet Radio Service (GPRS); Stage 1	R2000	4.1.0	Oct 99	Yes	S1	-	CARPENTER, Paul	Lucent Technologies Network Systems UK	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 4.0.0 TSG#8:4.1.0	ftp://ftp.3gp.org/Specs/2000-09/R2000/2_series/2060-410.zip
TS	22.066	Support of Mobile Number Portability (MNP); Stage 1	R1999	3.2.0	Oct 99	Yes	S1	-	...		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7:(not 3.2.0!) 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2066-320.zip
TS	22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP) - Stage 1	R1999	3.0.1	Oct 99	Yes	S1	-	SWETINA, Jörg	SIEMENS AG	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2067-301.zip
	22.07	UMTS Terminal and Smart Card Concepts	UMTS	3.1.1		No	-	-	SMOLANDER, Jouni	NOKIA Corporation	,		#25: 3.0.0 #27: 3.1.0	link not available at present

TS	22.071	Location Services (LCS); Stage 1	R1999	3.2.0	Oct 99	Yes	S1	-	WOHLERT, Randolph	PACIFIC BELL WIRELESS	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2071-320.zip
TS	22.071	Location Services (LCS); Stage 1	R2000	4.0.0	Oct 99	Yes	S1	-	WOHLERT, Randolph	PACIFIC BELL WIRELESS	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	based on 3.2.0 TSG#8:4.0.0	ftp://ftp.3gp.org/Specs/2000-09/R2000/2_series/2071-400.zip
TS	22.072	Call Deflection (CD); Stage 1	R1999	3.0.1	Oct 99	Yes	S1	-	RAUCH, Horst	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2072-301.zip
TS	22.078	CAMEL; Stage 1	R1999	3.4.1	Oct 99	Yes	S1	-	GRECH, Michel	Lucent Technologies Network Systems UK	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.3.0 TSG#8:3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2078-341.zip
TS	22.079	Support of Optimal Routing; Stage 1	R1999	3.0.1	Oct 99	Yes	S1	-	..,		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2079-301.zip
TS	22.081	Line Identification Supplementary Services; Stage 1	R1999	3.2.0	Oct 99	Yes	S1	-	AHNBERG, Tomas	TELIA AB	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2081-320.zip
TS	22.082	Call Forwarding (CF) Supplementary Services; Stage 1	R1999	3.0.1	Oct 99	Yes	S1	-	GALLAIRE, Jean Paul	France Telecom R&D	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2082-301.zip
TS	22.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1	R1999	3.0.1	Oct 99	Yes	S1	-	..,		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2083-301.zip
TS	22.084	MultiParty (MPTY) Supplementary Service; Stage 1	R1999	3.0.1	Oct 99	Yes	S1	-	..,		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2084-301.zip
TS	22.085	Closed User Group (CUG) Supplementary Services; Stage 1	R1999	3.1.0	Oct 99	Yes	S1	-	..,		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/

															09/R1999/2_series/2085-310.zip
TS	22.086	Advice of Charge (AoC) Supplementary Services; Stage 1	R1999	3.1.0	Oct 99	Yes	S1	-	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	#5: 3.1.0		ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2086-310.zip
TS	22.087	User-to-user signalling (UUS); Stage 1	R1999	3.1.0	Oct 99	Yes	S1	-	BRADEN, Christian	Deutsche Telekom MobilNet GmbH	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	#5: 3.0.1, but should have been 3.1.0 to include a CR wrongly attributed to 22.086.		ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2087-310.zip
TS	22.088	Call Barring (CB) Supplementary Services; Stage 1	R1999	3.0.1	Oct 99	Yes	S1	-	..,		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.		ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2088-301.zip
TS	22.090	Unstructured Supplementary Service Data (USSD); Stage 1	R1999	3.1.0	Oct 99	Yes	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.1.0		ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2090-310.zip
TS	22.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 1	R1999	3.0.1	Oct 99	Yes	S1	-	..,		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.		ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2091-301.zip
TS	22.093	Call Completion to Busy Subscriber (CCBS); Stage 1	R1999	3.0.1	Oct 99	Yes	S1	-	..,		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.		ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2093-301.zip
TS	22.094	Follow Me Stage 1	R1999	3.1.0	Dec 99	Yes	S1	-	..,		CLAYTON, Michael	Transfer>TSG#4. GSM only @TSG#5	Transfer>TSG#6		ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2094-310.zip
TS	22.096	Calling Name Presentation (CNAP); Stage 1 (T1P1)	R1999	3.0.1	Oct 99	Yes	S1	-	..,		CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.		ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2096-301.zip
TS	22.097	Multiple Subscriber Profile (MSP); Stage 1	R1999	3.1.0	Oct 99	Yes	S1	-	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael	Transfer>TSG#4,CR at TSG#5	.		ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2097-

															310.zip
TS	22.100	UMTS Phase 1	R1999	3.6.0	April 99	Yes	S1	-	GALLAIRE, Jean Paul	France Telecom R&D	CLAYTON, Michael		CR@TSG#6; 3.7.0 awaiting attention from MCC expert; who later says 3.5.0 is the good version. TSG#7: 3.6.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2100-360.zip	
TS	22.101	UMTS Service principles	R1999	3.a.0	April 99	Yes	S1	-	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael		TSG#7: 3.9.0 TSG#8:3.10.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2101-3a0.zip	
TS	22.101	UMTS Service principles	R2000	4.0.0	April 99	Yes	S1	-	DWYER, Paul	VODAFONE Group Plc	CLAYTON, Michael		based on 3.9.0 TSG#8:4.0.0	ftp://ftp.3gp.org/Specs/2000-09/R2000/2_series/2101-400.zip	
TS	22.105	Services & Service capabilities	R1999	3.9.0	April 99	Yes	S1	-	ASHWELL, Wayne	BT	CLAYTON, Michael		TSG#7: 3.8.0 TSG#8:3.9.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2105-390.zip	
TS	22.115	Service Aspects Charging and billing	R1999	3.3.0	April 99	Yes	S1	-	MONTEGROSSO, Emanuele	Telecom Italia ff	CLAYTON, Michael		TSG#7: 3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2115-330.zip	
TS	22.121	Provision of Services in UMTS - The Virtual Home Environment - Stage 1	R1999	3.3.0	Jun 99	Yes	S1	-	OGUNBEKUN, Jumoke	FUJITSU Europe Telecom R & D Centre	CLAYTON, Michael		TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2121-330.zip	
TS	22.127	Service Requirement for the Open Services Access (OSA) - stage 1	R2000	0.0.0	Dec 00	No	S1	-	SWETINA, Jörg	SIEMENS AG	CLAYTON, Michael			(look in drafts directory)	
TS	22.129	Handover Requirements between UMTS and GSM or other Radio Systems	R1999	3.3.0	April 99	Yes	S1	-	SAMPSON, Nick	ORANGE PCS LTD	CLAYTON, Michael		TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2129-330.zip	
TS	22.135	Multicall Stage 1	R1999	3.3.0	Dec 99	Yes	S1	-	KOKKOLA, Tommi	NOKIA Corporation	CLAYTON, Michael		TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2135-330.zip	
TS	22.140	Multimedia Messaging Service Stage 1	R1999	3.1.0	Dec 99	Yes	S1	-	LAUMEN, Josef	ROBERT BOSCH GmbH	CLAYTON, Michael	(development in T2)	TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/2	

TS	22.140	Multimedia Messaging Service Stage 1	R2000	4.0.1	Dec 99	Yes	S1	-	LAUMEN, Josef	ROBERT BOSCH GmbH	CLAYTON, Michael	(development in T2)	based on 3.0.0 TSG#8:4.0.0	140-310.zip ftp://ftp.3gp.org/Specs/2000-09/R2000/2_series/2140-401.zip
	22.21	Virtual Home Environment	UMTS	0.3.0		No	-	-	OGUNBEKUN, Jumoke	FUJITSU Europe Telecom R & D Centre	,		.	(look in drafts directory)
TS	22.226	Global text telephony; stage 1: Service description	R2000	0.0.0	Dec 00	No	S1	-	HELLSTROM, Gunnar	The Swedish Handicap Institute	CLAYTON, Michael		WI approved TSG#7	(look in drafts directory)
TS	22.228	IP multimedia subsystem; stage 1	R2000	0.0.0		No	S1		CATALDO, Mark	MOTOROLA Ltd	CLAYTON, Michael			(look in drafts directory)
	22.24	Charging and Accounting Mechanism	UMTS	3.0.0		Yes	-	-	CHAMBERS, David	MOTOROLA Ltd	,		#25: 3.0.0	ftp://ftp.3gp.org/Specs/2000-09/UMTS/2_series/224-300.zip
	22.25	Quality of Service and Network Performance	UMTS	3.1.0		Yes	-	-	TIAINEN, Seppo	SONERA Corporation	,		#25: 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/UMTS/2_series/225-310.zip
	22.29	Handover Requirements between UMTS and GSM or other RadioSystems	UMTS	1.0.0		No	-	-	COOPER, David	Telecom Modus Limited	,		.	(look in drafts directory)
	22.60	Mobile multimedia services including mobile Intranet and Internet services	UMTS	3.0.0		Yes	-	-	AHNBERG, Tomas	TELIA AB	,		#25: 3.0.0	ftp://ftp.3gp.org/Specs/2000-09/UMTS/2_series/260-300.zip
	22.70	Virtual Home Environment	UMTS	3.0.0		Yes	-	-	OGUNBEKUN, Jumoke	FUJITSU Europe Telecom R & D Centre	,		#25: 3.0.0	ftp://ftp.3gp.org/Specs/2000-09/UMTS/2_series/270-300.zip
	22.71	Service aspects; Automatic Establishment of Roaming Relationships	UMTS	3.0.1		Yes	-	-	...		,		#25: 3.0.0 #27: 3.0.1	ftp://ftp.3gp.org/Specs/2000-09/UMTS/2_series/271-301.zip
	22.72	Real Time Multimedia in UMTS	UMTS	0.0.0		No	-	-	FISCHER, Ralf	ROBERT BOSCH GmbH	,		.	(look in drafts directory)
	22.75	Service aspects; Advanced Addressing	UMTS	3.0.0		Yes	-	-	KLEIER, Stephan	MANNESMANN Mobilfunk GmbH	,		#25: 2.0.0 #27: 3.0.0	ftp://ftp.3gp.org/Specs/2000-09/UMTS/2_series/275-300.zip
	22.80	UMTS Relationship to other Standards	UMTS	2.0.1		Yes	-	-	AXERUD, Bo	NOKIA TELECOMMUNIC	,		#24: 2.0.1	(look in drafts directory)

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TR	22.907	Terminal concepts	R2000	3.1.3	April 99	Yes	-	-	TOLVANEN, Mika	NOKIA MOBILE PHONES	,	CR at TSG#4 Not maintained	Withdrawn (Clayton 2000-02-11)	ftp://ftp.3g p.org/Spec s/2000- 09/R2000/ 2_series/2 907- 313.zip
TR	22.924	Charging and accounting mechanisms	R1999	3.1.1	April 99	Yes	-	-	MONTEGROSSO, Emanuele	Telecom Italia ff	,		.	ftp://ftp.3g p.org/Spec s/2000- 09/R1999/ 2_series/2 924- 311.zip
TR	22.925	Quality of service and network performance	R1999	3.1.1	April 99	Yes	-	-	ERIKSSON, Olle	ERICSSON L.M. Telefonaktiebolag et	,		.	ftp://ftp.3g p.org/Spec s/2000- 09/R1999/ 2_series/2 925- 311.zip
TR	22.945	Study of provision of fax service in GSM and UMTS	R1999	3.0.0	Oct 99	Yes	T2	NP	COLBAN, Erik	ERICSSON AS	RODERMUND, Friedhelm		.	ftp://ftp.3g p.org/Spec s/2000- 09/R1999/ 2_series/2 945- 300.zip
TR	22.960	Mobile multimedia services	R1999	3.0.1	April 99	Yes	-	-	AHNBERG, Tomas	TELIA AB	,		.	ftp://ftp.3g p.org/Spec s/2000- 09/R1999/ 2_series/2 960- 301.zip
TR	22.970	Virtual Home Environment Report	R1999	3.0.1	April 99	Yes	-	-	OGUNBEKUN, Jumoke	FUJITSU Europe Telecom R & D Centre	,		.	ftp://ftp.3g p.org/Spec s/2000- 09/R1999/ 2_series/2 970- 301.zip
TR	22.971	Automatic establishment of roaming relationships	R1999	3.1.1	April 99	Yes	S1	-	MONTEGROSSO, Emanuele	Telecom Italia ff	CLAYTON, Michael		.	ftp://ftp.3g p.org/Spec s/2000- 09/R1999/ 2_series/2 971- 311.zip
TR	22.972	Circuit-switched multimedia	R1999	0.0.0	Dec 99	Yes	-	-	..,		,	Title grows "cct sw".	Withdrawn (Clayton 2000-02-11)	(look in drafts directory)
TR	22.975	Advanced addressing	R1999	3.1.0	April 99	Yes	S1	-	KLEIER, Stephan	MANNESMANN Mobilfunk GmbH	CLAYTON, Michael		.	ftp://ftp.3g p.org/Spec s/2000- 09/R1999/ 2_series/2 975- 310.zip
TR	22.976	Study on PS domain services and capabilities	R2000	2.0.0	Dec 00	Yes	S1	-	CATALDO, Mark	MOTOROLA Ltd	CLAYTON, Michael	Created Jan-00	TSG#7:(SP-000073) 1.0.0 TSG#8:2.0.0	(look in drafts directory)
TS	23.002	Network Architecture	R1999	3.3.0	Oct 99	Yes	S2	-	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain	Transfer>TSG#	Open issues to be finalized by	ftp://ftp.3g p.org/Spec

												4,CR at TSG#5	TSG#7. TSG#7: 3.3.0	s/2000-09/R1999/3_series/2002-330.zip
TS	23.003	Numbering, Addressing and Identification	R1999	3.5.0	April 99	Yes	N4	-	...			SETTIMO, Franco	TSG#7: 3.4.0 TSG#8:3.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2003-350.zip
TS	23.007	Restoration procedures	R1999	3.4.0	April 99	Yes	N4	-	...			SETTIMO, Franco	TSG#7: 3.3.0 TSG#8:3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2007-340.zip
TS	23.008	Organisation of subscriber data	R1999	3.4.0	April 99	Yes	N4	-	...			SETTIMO, Franco	TSG#7: 3.3.0 TSG#8:3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2008-340.zip
TS	23.009	Handover procedures	R1999	3.3.0	April 99	Yes	N1	-	FARHOUMAND, Rouzbeh	Ericsson Incorporated	AL -BAKRI, Ban	TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2009-330.zip	
	23.01	General UMTS Architecture	UMTS	1.0.0		No	-	-	OLSSON, Magnus	ERICSSON L.M. Telefonaktiebolaget	,		#27: for info	(look in drafts directory)
TS	23.010	GSM Public Land Mobile Network (PLMN) Connection Types	R1999	3.0.0	Jun 00	No	-	-	...			superseded by 23.910	TSG#7:3.0.0 - later scrapped	link not available a present
TS	23.011	Technical Realization of Supplementary Services - General Aspects	R1999	3.0.1	April 99	Yes	N4	-	...			SETTIMO, Franco	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2011-301.zip
TS	23.012	Location management procedures	R1999	3.3.0	April 99	Yes	N4	-	...			SETTIMO, Franco	TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2012-330.zip
TS	23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	R1999	3.1.0	April 99	Yes	N1	-	...			AL -BAKRI, Ban	Should not be in UMTS ????	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2014-310.zip
TS	23.015	Technical realisation of Operator Determined Barring (ODB)	R1999	3.1.0	April 99	Yes	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	SETTIMO, Franco	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2	





		Short Message Service			99					Group Plc	Friedhelm			p.org/Specs/2000-09/R2000/3_series/2040-400.zip
TS	23.041	Technical Realization of Cell Broadcast Service	R1999	3.2.0	Oct 99	Yes	T2	-	...		RODERMUND, Friedhelm	Transfer>TSG#4	additional CR for R99 on UMTS amendments expected at TSG-T#7. TSG#7: 3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2041-320.zip
TS	23.042	Compression algorithm for SMS	R1999	3.1.0	Jun 99	Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2042-310.zip
TS	23.043	Support of Videotex	R1999	3.0.0	Jun 00	Yes	-	-	...		,		3.0.0 Apr 99 - later scrapped	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2043-300.zip
TS	23.044	Support of Teletex	R1999	3.0.0	Jun 00	Yes	-	-	...		,		3.0.0 Apr 99 - later scrapped	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2044-300.zip
	23.045	Technical Realization of Facsimile Group 3 Service - transparent	R1999	3.0.0	Jun 00	Yes	-	-	...		,	Version 8.x.x exists	3.0.0 Apr 99 - reverts to 03.45 v8.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2045-300.zip
TS	23.046	Technical realisation of facsimile Group 3 service - non-transparent	<?>	3.0.0		Yes	-	-	...		,	superseded by 23.146	3.0.0 Apr 99	ftp://ftp.3gp.org/Specs/2000-09/<?>/23_series/2306-300.zip
	23.05	UMTS Network principles	UMTS	0.10.0		Yes	-	-	...		,		.	(look in drafts directory)
TS	23.054	Shared Interworking Functions - Stage 2	R1999	3.0.0	April 99	Yes	N3	-	ROSTÖ, Tommy	TELIA AB	BOSWARTHIC K, David		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2054-300.zip
TS	23.057	Mobile Station Application Execution Environment (MEXE)	R1999	3.2.0	Dec 99	Yes	T2	-	CATALDO, Mark	MOTOROLA Ltd	RODERMUND, Friedhelm		TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2057-320.zip
TS	23.060	General Packet Radio Service (GPRS) Service	R1999	3.4.0	Apr 99	Yes	S2	-	DELECKI, Andrew	MOTOROLA Ltd	SULTAN, Alain	Transfer>TSG#4, CR at TSG#5	Open issues to be finalized by TSG#7 (expect 3.2.1 2000-01-12).	ftp://ftp.3gp.org/Spec

		description; Stage 2											TSG#7: 3.3.0 TSG#8:3.4.0	s/2000-09/R1999/3_series/2060-340.zip
TS	23.066	Support of GSM Mobile Number Portability (MNP) stage 2	R1999	3.3.0	Oct 99	Yes	N4	-	LOPEZ SORIA, Luis	ERICSSON ESPANA S.A.	SETTIMO, Franco	Transfer->TSG#4, CR at TSG#5	TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2066-330.zip
TS	23.067	Enhanced Multi-Level Precedence and Preemption Service (EMLPP) - Stage 2	R1999	3.1.0	April 99	Yes	N4	-	..,		SETTIMO, Franco		TSG#7: 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2067-310.zip
TS	23.070	Routeing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)	R1999	3.0.0	Apr 99	Yes	-	-	KOSYDAR, L	AT&T NSI	,	N3 indicates not required for R99, so revert to 03.70 R98.	withdrawn N#6	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2070-300.zip
TS	23.071	Location services (LCS) stage 2	R1999	3.0.0	Jun 00	No	-	-	STEER, David G	NORTEL NETWORKS (EUROPE)	,	superseded by 25.305	.	link not available a present
TS	23.072	Call Deflection Supplementary Service - Stage 2	R1999	3.2.0	April 99	Yes	N4	-	..,		SETTIMO, Franco			ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2072-320.zip
TS	23.073	Support of Localised Service Area (SoLSA) - Stage 2	R1999	3.0.1	Oct 99	Yes	N4	-	..,		SETTIMO, Franco	Transfer->TSG#4	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2073-301.zip
TS	23.078	CAMEL Stage 2	R1999	3.5.0	April 99	Yes	N2	-	HOMANN, Christian	ALCATEL SEL AG	SETTIMO, Franco	CR at TSG#4,CR at TSG#5	TSG#7:Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00. 3.4.0 TSG#8:3.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2078-350.zip
TS	23.079	Support of Optimal Routeing - Phase 1 - Stage 2	R1999	3.5.0	April 99	Yes	N4	-	PARK, Ian David Chalmers	VODAFONE Group Plc	SETTIMO, Franco	CR at TSG#4,CR at TSG#5	TSG#7: 3.4.0 TSG#8:3.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2079-350.zip
TS	23.081	Line Identification Supplementary Services - Stage 2	R1999	3.1.0	April 99	Yes	N4	-	..,		SETTIMO, Franco		TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2081-310.zip
TS	23.082	Call Forwarding (CF)	R1999	3.3.0	April	Yes	N4	-	..,		SETTIMO,		TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp



																3_series/2093-310.zip
TS	23.094	Follow Me Stage 2	R1999	3.1.0	Dec 99	Yes	N4	-	..,		SETTIMO, Franco	Transfer>TSG#4. GSM only @TSG#5	Transfer>TSG#6. TSG#7: 3.1.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2094-310.zip
TS	23.096	Name Identification Supplementary Service - Stage 2	R1999	3.0.1	April 99	Yes	N4	-	..,		SETTIMO, Franco		.			ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2096-301.zip
TS	23.097	Multiple Subscriber Profile (MSP); Stage 2	R1999	3.1.1	Oct 99	Yes	N4	-	..,		SETTIMO, Franco	Transfer>TSG#4,CR at TSG#5	TSG#7: 3.1.1			ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2097-311.zip
	23.10	UMTS Access Stratum; Services and Functions	UMTS	1.0.0		No	-	-	LOPEZ-TORRES, Oscar	Deutsche Telekom MobilNet GmbH	,		#27: for info			(look in drafts directory)
TS	23.101	General UMTS Architecture	R1999	3.0.1	Jun 99	Yes	S2	-	OLSSON, Magnus	ERICSSON L.M. Telefonaktiebolaget	SULTAN, Alain		.			ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2101-301.zip
TS	23.107	Quality of Service, Concept and Architecture	R1999	3.3.0	Oct 99	Yes	S2	-	GREIS, Marc	NOKIA Corporation	SULTAN, Alain	was 23.907	TSG#7: 3.2.0 TSG#8:3.3.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2107-330.zip
TS	23.108	Mobile Radio Interface Layer 3 specification Core Network Protocols stage 2 (structured procedures)	R1999	3.2.0	Jun 99	Yes	N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban		TSG#7: 3.2.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2108-320.zip
TS	23.110	UMTS Access Stratum Services and Functions	R1999	3.4.0	Mar 00	Yes	S2	-	LOPEZ-TORRES, Oscar	Deutsche Telekom MobilNet GmbH	SULTAN, Alain		TSG#7: 3.4.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2110-340.zip
TS	23.116	Super Charger - Stage 2	R1999	3.0.0	Mar 00	Yes	N4	-	ALLEN, Nicholas	NORTEL NETWORKS (EUROPE)	SETTIMO, Franco	New after TSG#5	TSG#7:2.1.0, 3.0.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2116-300.zip
TS	23.119	Gateway Location Register (GLR) - Stage2	R1999	3.0.0	Mar 00	Yes	N4	-	SAWADA, Masahiro	NTT MOBILE COMMUNICATIONS NETWORK	SETTIMO, Franco	New after TSG#5	Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99.			ftp://ftp.3gp.org/Specs/2000-09/R1999,

										INC.			TSG#7:2.0.0 (NP-000108) 3.0.0	09/R1999/3_series/2119-300.zip
TS	23.121	Architecture Requirements for release 99	R1999	3.3.0	Jun 99	Yes	S2	-	DANIEL, Elizabeth	Lucent Technologies Network Systems UK	SULTAN, Alain		TSG#7: 3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2121-330.zip
TS	23.122	Non Access Stratum functions related to Mobile Station (MS) in idle mode	R1999	3.3.0	April 99	Yes	N1	-	HIETALAHTI, Hannu	NOKIA Corporation	AL -BAKRI, Ban		Created at TSG#6, CR@TSG#6, Was briefly 23.022. But regenerated from 03.22 in June99. Expect 3.1.0 to correct erroneous incorporation of a CR. Expect 3.1.1 to undo erroneously incorporated CR. TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2122-330.zip
TS	23.127	Virtual Home Environment - Stage 2	R1999	3.1.0	Mar 00	Yes	S2	-	GOURRAUD, Christophe	ERICSSON RESEARCH CANADA	SULTAN, Alain	Sept 00: "Open Service Architecture" removed from title.	TSG#7:2.0.0 (SP-000089) 3.0.0 TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2127-310.zip
TS	23.135	Multicall - Stage 2	R1999	3.1.0	Mar 00	Yes	N4	-	MITAMURA, Kazuo	NTT Communications Ware Corporation	SETTIMO, Franco		TSG#7:1.1.0->3.0.0 3.0.0 TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2135-310.zip
TS	23.140	Multimedia Messaging Service (MMS)	R1999	3.0.1	Mar 00	Yes	T2	-	LAUMEN, Josef	ROBERT BOSCH GmbH	RODERMUND, Friedhelm		TSG#7: 2.0.0(TP-000028) 3.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2140-301.zip
TS	23.146	Technical realisation of facsimile Group 3 service - non-transparent	R2000	4.0.0	Mar 00	Yes	N3	-	HAGIWARA, Junichiro	NTT DoCoMo Inc.	BOSWARTHIC K, David		New @ TSG#6, Circuit switched type of Real time Non transparent FAX specification. TSG#7:1.1.0 "but not stable enough to be made available"! N3#10: 2.0.0 TSG#8:4.0.0 (2.0.0)	ftp://ftp.3gp.org/Specs/2000-09/R2000/3_series/2146-400.zip
TS	23.153	Out of Band Transcoder Control - Stage 2	R1999	2.0.0	Mar 00	No	N4	-	..,		SETTIMO, Franco	New after TSG#5	TSG#7:2.0.0 [argument in SA over r99 or r00] concl: not approved.	(look in drafts directory)
TS	23.171	Functional stage 2 description of location services in UMTS	R1999	3.1.0	Mar 00	Yes	S2	-	KÁLL, Jan	NOKIA Corporation	SULTAN, Alain		TSG#7:2.0.0 (SP-000090), 3.0.0 TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2171-310.zip
	23.20	Evolution of the GSM platform towards UMTS	UMTS	1.0.0		No	S2	-	JARVIS, Andre	Lucent Technologies Network Systems UK	SULTAN, Alain		#27: for info	(look in drafts directory)

TS	23.226	Global text telephony; stage 2: Architecture	R2000	0.0.0	Dec 00	No	N4	-	HELLSTROM, Gunnar	The Swedish Handicap Institute	SETTIMO, Franco		WI approved TSG#7	(look in drafts directory)
TS	23.227	Terminal local model	R2000	0.1.0		Yes	T2	-	GUSTAVSSON, Carl	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		.	(look in drafts directory)
TS	23.228	IP multimedia subsystem; stage 2	R2000	0.0.0	Dec 00	No	S2	-	DANIEL, Elizabeth	Lucent Technologies Network Systems UK	SULTAN, Alain			(look in drafts directory)
TS	23.271	Functional stage 2 description of location services	R2000	0.2.0	Dec 00	Yes	S2	-	KÄLL, Jan	NOKIA Corporation	SULTAN, Alain	post-TSG#8: Recombined 2G and 3G spec for R00 onwards.	post-TSG#8: Recombined 2G and 3G spec.	(look in drafts directory)
TR	23.814	Separating RR and MM specific parts of the MS Classmark	R1999	3.1.0	Dec 99	Yes	N1	-	YOKOTA, Fumihiko	Fujitsu Limited	AL -BAKRI, Ban	New after TSG#5	TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2814-310.zip
TR	23.821	Architecture Principles for Release 2000	R2000	1.0.1	Jun 00	Yes	S2	-	LIND, Christer	TELIA AB	SULTAN, Alain	New after TSG#5	TSG#8:1.0.0	(look in drafts directory)
TR	23.873	Feasibility study fro transport and control separation in the PS CN domain	R2000	0.2.0	Dec 00	Yes	S2	-	IBANEZ, Juan-Antonio	ERICSSON Eurolab Deutschland GmbH	SULTAN, Alain			(look in drafts directory)
TR	23.874	Feasibility study of architecture for network requested PDP context activation with User-ID	R2000	0.0.0	Dec 00	No	S2	-	KITADA, Yoshinori	NTT Communications Ware Corporation	SULTAN, Alain			(look in drafts directory)
TR	23.908	Technical report on Pre-Paging	R1999	3.0.1	Jun 99	Yes	N4	-	..,		SETTIMO, Franco		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2908-301.zip
TR	23.909	Technical report on the Gateway Location Register	R1999	3.0.1	Jun 99	Yes	N4	-	..,		SETTIMO, Franco		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2909-301.zip
TR	23.910	Circuit Switched Data Bearer Services	R1999	3.1.0	Mar 00	Yes	N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHIC K, David	03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)	TSG#6: 1.0.0 TSG#7:2.0.0->3.0.0 TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2910-310.zip
TR	23.911	Technical report on Out-of-band transcoder control	R1999	3.0.1	Oct 99	Yes	N4	-	..,		SETTIMO, Franco		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2

															911-301.zip
TR	23.912	Technical report on Super-Charger	R1999	3.0.2	Oct 99	Yes	N4	-	SHARP, Iain	NORTEL NETWORKS (EUROPE)	SETTIMO, Franco				ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2912-302.zip
TR	23.913	UMTS Turbo-Charger	R2000	1.0.0	Jun 00	Yes	-	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	,	New after TSG#5			(look in drafts directory)
	23.920	Evolution of the GSM platform towards UMTS	R1999	3.1.0	Jun 00	Yes	-	-	..,		,		Stopped TSG#6		ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2920-310.zip
TR	23.922	Architecture for an All IP network	R1999	1.0.0		No	S2	-	..,		SULTAN, Alain	TSG#5: 1.0.0	Was suspected to be v3.0.0, but evidently not so.		(look in drafts directory)
TR	23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN	R1999	3.0.0	Dec 99	Yes	S2	-	HUBBARD, Elisabeth	TELIA AB	SULTAN, Alain				ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2923-300.zip
TR	23.925	UMTS Core network based ATM transport	R1999	0.2.0	Mar 00	Yes	S2	-	ROUZ, Adel	FUJITSU Europe Telecom R & D Centre	SULTAN, Alain				(look in drafts directory)
TR	23.927	VHE, Open Service Architecture	R1999	0.1.0	Dec 99	No	-	-	..,		,	Replaced by 23.127	Withdrawn (Clayton 2000-02-11).		(look in drafts directory)
TR	23.930	Iu Principles	R1999	3.0.0	Jun 99	Yes	S2	-	..,		SULTAN, Alain				ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2930-300.zip
TR	23.960	Framework of network functions to support multimedia services	<?>	0.1.0		No	-	-	..,		,				(look in drafts directory)
TR	23.972	Circuit Switched Multimedia Telephony	R1999	3.0.0	Mar 00	Yes	N1	-	KAUHANEN, Timo	NOKIA Corporation	AL -BAKRI, Ban	New after TSG#5. Minor title change TSG#7.	TSG#7:1.0.0 (NP-000103), 3.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/2972-300.zip
TS	24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	R1999	3.0.0	Mar 00	Yes	N1	-	SIMMONS, Paul	NORTEL NETWORKS (EUROPE)	AL -BAKRI, Ban		TSG#7: 3.0.0		ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2002-300.zip
TS	24.007	Mobile Radio Interface Signalling Layer 3 - General Aspects	R1999	3.4.0	Oct 99	Yes	N1	-	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	Transfer->TSG#4,CR at TSG#5	TSG#7: 3.3.0 TSG#8:3.4.0		ftp://ftp.3gp.org/Specs/2000-09/R1999/

																	4_series/2007-340.zip
TS	24.008	Mobile Radio Interface Layer 3 specification; Core Network Protocols - Stage 3	R1999	3.4.1	April 99	Yes	N1	-	HOWELL, Andrew	MOTOROLA Ltd	AL -BAKRI, Ban	CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to be resolved till Jun00.	CR@TSG#6, editorial mod later. TSG#7: 3.3.0 TSG#8:3.4.0				ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2008-341.zip
TS	24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	R1999	3.1.0	April 99	Yes	N4	-	...		SETTIMO, Franco		TSG#8:3.1.0				ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2010-310.zip
TS	24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	R1999	3.3.0	Oct 99	Yes	N1	T2	NOBUYUKI, Uda	NTT Communications Ware Corporation	AL -BAKRI, Ban	Transfer>TSG#4	TSG#7: 3.2.0 TSG#8:3.3.0				ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2011-330.zip
TS	24.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	R1999	3.0.0	Oct 99	Yes	N4	T2	...		SETTIMO, Franco	Transfer>TSG#4	.				ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2012-300.zip
TS	24.022	Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface	R1999	3.3.1	April 99	Yes	N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHIC K, David	CR at TSG#4 (post TSG#4 approval) includes title change	TSG#8:3.3.0				ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2022-331.zip
TS	24.030	Location Services LCS Stage 3 SS (MO-LR)	R1999	3.1.0	Jun 00	Yes	N4	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	SETTIMO, Franco	TSG#7: txfrd from SMG to 3GPP for R99.	TSG#7:Decision to create. TSG#8:3.1.0				ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2030-310.zip
TS	24.065	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCCP)	R1999	3.1.0	Jun 00	Yes	-	-	...		,		2000-02-14: To revert to 2g only 04.65, 24.165 may be required.				ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2065-310.zip
TS	24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) - Stage 3	R1999	3.0.0	April 99	Yes	N4	-	...		SETTIMO, Franco		.				ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2067-



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TS	24.072	Call Deflection Supplementary Service - Stage 3	R1999	3.0.0	April 99	Yes	N4	-	..		SETTIMO, Franco		.		ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2072-300.zip
TS	24.080	Mobile radio Layer 3 Supplementary Service specification - Formats and coding	R1999	3.3.0	April 99	Yes	N4	-	..		SETTIMO, Franco		T1P1 CR @TSG#6. TSG#7: 3.2.0 TSG#8:3.3.0		ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2080-330.zip
TS	24.081	Line Identification Supplementary Service - Stage 3	R1999	3.1.0	April 99	Yes	N4	-	..		SETTIMO, Franco		TSG#8:3.1.0		ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2081-310.zip
TS	24.082	Call Forwarding Supplementary Service - Stage 3	R1999	3.0.0	April 99	Yes	N4	-	..		SETTIMO, Franco		.		ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2082-300.zip
TS	24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service - Stage 3	R1999	3.0.0	April 99	Yes	N4	-	..		SETTIMO, Franco		.		ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2083-300.zip
TS	24.084	MultiParty (MPTY) Supplementary Service - Stage 3	R1999	3.0.0	April 99	Yes	N4	-	..		SETTIMO, Franco		.		ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2084-300.zip
TS	24.085	Closed User Group (CUG) Supplementary Service - Stage 3	R1999	3.0.0	April 99	Yes	N4	-	..		SETTIMO, Franco		.		ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2085-300.zip
TS	24.086	Advice of Charge (AoC) Supplementary Service - Stage 3	R1999	3.0.0	April 99	Yes	N4	-	..		SETTIMO, Franco		.		ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2086-300.zip
TS	24.087	User-to-User Signalling (UUS) - Stage 3	R1999	3.0.0	April 99	Yes	N4	-	..		SETTIMO, Franco		.		ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2087-300.zip
TS	24.088	Call Barring (CB)	R1999	3.0.0	April	Yes	N4	-	..		SETTIMO,		.		ftp://ftp.3gp.org/Spec

		Supplementary Service - Stage 3			99							Franco			s/2000-09/R1999/4_series/2088-300.zip
TS	24.090	Unstructured Supplementary Service Data (USSD) - Stage 3	R1999	3.0.0	April 99	Yes	N4	-	..,			SETTIMO, Franco		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2090-300.zip
TS	24.091	Explicit Call Transfer (ECT) Supplementary Service - Stage 3	R1999	3.0.0	April 99	Yes	N4	-	..,			SETTIMO, Franco		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2091-300.zip
TS	24.093	Call Completion to Busy Subscriber (CCBS) - Stage 3	R1999	3.0.0	April 99	Yes	N4	-	..,			SETTIMO, Franco		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2093-300.zip
TS	24.094	Follow Me - Stage 3	<?>	0.0.0		No	-	-	..,			,	TF139 proposes to abandon; not needed. USSD does all.	USSD does all. No draft expected.	(look in drafts directory)
TS	24.096	Name Identification Supplementary Service - Stage 3	R1999	3.0.0	April 99	Yes	N4	-	..,			SETTIMO, Franco		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2096-300.zip
TS	24.135	Multicall Stage 3	R1999	3.1.0	Mar 00	Yes	N4	-	MITAMURA, Kazuo	NTT Communications Ware Corporation		SETTIMO, Franco		TSG#7:1.0.0->3.0.0 TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/2135-310.zip
TS	25.053	Tandem Free Operation (TFO); Service description; Stage 2	<?>	0.0.0		No	-	-	..,			,	No draft. Anyway, should have been 23.053.	no draft ever materialised	(look in drafts directory)
TS	25.101	UE Radio transmission and reception (FDD)	R1999	3.3.1	Oct 99	Yes	R4	-	FERNANDES, Edgar	MOTOROLA Ltd		GUTIERREZ MIGUELEZ, Cesar		TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2101-331.zip
TS	25.102	UE Radio transmission and reception (TDD)	R1999	3.3.0	Oct 99	Yes	R4	-	KOTTKAMP, Meik	SIEMENS AG		GUTIERREZ MIGUELEZ, Cesar		TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2102-330.zip
TS	25.103	RF parameters in support	R1999	2.0.0	Dec	Yes	-	-	FRANCESCHI, Olle	Nippon Ericsson		,	Withdrawn in	Withdrawn	(look in drafts)

		of RRM			99					K.K.		favour of 25.123 & 25.133		directory)
TS	25.104	UTRA (BS) FDD; Radio transmission and reception	R1999	3.3.0	Oct 99	Yes	R4	-	SKÖLD, Johan	ERICSSON Telecomunicazioni SpA	GUTIERREZ MIGUELEZ, Cesar		TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2104-330.zip
TS	25.105	UTRA (BS) TDD: Radio transmission and reception	R1999	3.3.0	Oct 99	Yes	R4	-	KOTTKAMP, Meik	SIEMENS AG	GUTIERREZ MIGUELEZ, Cesar		TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2105-330.zip
TS	25.106	UTRA Repeater; Radio transmission and reception	R2000	0.0.1		Yes	R4	-	NILSSON, Martin	ALLGON AB	GUTIERREZ MIGUELEZ, Cesar		.	(look in drafts directory)
TS	25.107	UTRA Repeater; Conformance testing	R2000	0.0.1		Yes	-	-	NILSSON, Martin	ALLGON AB	,	-> 25.143	Scrapped in favour of 25.143	(look in drafts directory)
TS	25.113	Base station EMC	R1999	3.2.0	Dec 99	Yes	R4	-	BARNES, David	DTI - Department of Trade and Industry	GUTIERREZ MIGUELEZ, Cesar		TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2113-320.zip
TS	25.123	Requirements for support of radio resource management (TDD)	R1999	3.2.0	Dec 99	Yes	R4	-	FRANCESCHI, Olle	Nippon Ericsson K.K.	GUTIERREZ MIGUELEZ, Cesar		TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2123-320.zip
TS	25.133	Requirements for support of radio resource management (FDD)	R1999	3.2.0	Dec 99	Yes	R4	-	FRANCESCHI, Olle	Nippon Ericsson K.K.	GUTIERREZ MIGUELEZ, Cesar		TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2133-320.zip
TS	25.141	Base station conformance testing (FDD)	R1999	3.2.0	Dec 99	Yes	R4	-	NAKAMURA, Takaharu	Fujitsu Limited	GUTIERREZ MIGUELEZ, Cesar		TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2141-320.zip
TS	25.142	Base station conformance testing (TDD)	R1999	3.2.1	Dec 99	Yes	R4	-	MEYER, Juergen	SIEMENS AG	GUTIERREZ MIGUELEZ, Cesar		TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2142-321.zip
TS	25.143	UTRA Repeater; Conformance testing	R2000	0.0.0		No	R4	-	NILSSON, Martin	ALLGON AB	GUTIERREZ MIGUELEZ, Cesar	Created by renumbering 25.107	Was to have been 25.107. But never was.	(look in drafts directory)
TS	25.201	Physical layer -General Description	R1999	3.1.0	Oct 99	Yes	R1	-	TOSKALA, Antti	NOKIA Corporation	IKEDA, Shinobu		TSG#5: 3.0.0; edito post#6: 3.0.1. TSG#7: 3.0.2 TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/

																5_series/201-310.zip
TS	25.211	Physical channels and mapping of transport channels onto physical channels (FDD)	R1999	3.3.0	Oct 99	Yes	R1	-	WILDE, Andreas	Nippon Ericsson K.K.	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/211-330.zip
TS	25.212	Multiplexing and channel coding (FDD)	R1999	3.3.0	Oct 99	Yes	R1	-	TANAKA, Yoshinori	FUJITSU Europe Telecom R & D Centre	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/212-330.zip
TS	25.213	Spreading and modulation (FDD)	R1999	3.3.0	Oct 99	Yes	R1	-	CHAMBERS, David	MOTOROLA Ltd	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/213-330.zip
TS	25.214	Physical layer procedures (FDD)	R1999	3.3.0	Oct 99	Yes	R1	-	NAKAMURA, Takaharu	Fujitsu Limited	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/214-330.zip
TS	25.215	Physical layer; Measurements (FDD)	R1999	3.3.0	Oct 99	Yes	R1	-	..,		IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/215-330.zip
TS	25.221	Physical channels and mapping of transport channels onto physical channels (TDD)	R1999	3.3.0	Oct 99	Yes	R1	-	HIRAMATSU, Katsuhiko	Matsushita Communication Industrial Co, Ltd	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/221-330.zip
TS	25.222	Multiplexing and channel coding (TDD)	R1999	3.3.0	Oct 99	Yes	R1	-	KAHTAVA, Jussi	Nokia Japan Co. Ltd	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/222-330.zip
TS	25.223	Spreading and modulation (TDD)	R1999	3.3.0	Oct 99	Yes	R1	-	ITO, Kenji	Siemens K.K.	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/223-330.zip
TS	25.224	Pphysical layer procedures (TDD)	R1999	3.3.0	Oct 99	Yes	R1	-	OESTREICH, Stefan	SIEMENS AG	IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0			ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/224-330.zip

TS	25.225	Physical layer; Measurements (TDD)	R1999	3.3.0	Oct 99	Yes	R1	-	...		IKEDA, Shinobu		TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/225-330.zip
TS	25.301	Radio Interface Protocol Architecture	R1999	3.5.0	April 99	Yes	R2	-	GRANZOW, Wolfgang	ERICSSON Eurolab Deutschland GmbH	VAN DER VEEN, Hans		TSG#7: 3.4.0 TSG#8:3.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2301-350.zip
TS	25.302	Services provided by the physical layer	R1999	3.5.0	Oct 99	Yes	R2	-	MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)	VAN DER VEEN, Hans	V3.0.0 approved via e-mail July 99 CR at TSG#5?	TSG#7: 3.4.0 TSG#8:3.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2302-350.zip
TS	25.303	UE functions and inter-layer procedures in connected mode	R1999	3.4.0	Jun 99	Yes	R2	-	RINNE, Mikko J	Nokia Research Center	VAN DER VEEN, Hans		TSG#7: 3.3.0 TSG#8:3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2303-340.zip
TS	25.304	UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode	R1999	3.3.0	Oct 99	Yes	R2	-	MAHKONEN, Marko	NOKIA MOBILE PHONES	VAN DER VEEN, Hans		TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2304-330.zip
TS	25.305	Stage 2 Functional Specification of Location Services in UTRAN (LCS)	R1999	3.2.0	Mar 00	Yes	R2	-	MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)	VAN DER VEEN, Hans	Created from 25.923	TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2305-320.zip
TS	25.321	Medium Access Control (MAC) Protocol Specification	R1999	3.4.0	Jun 99	Yes	R2	-	SITTE, Armin	SIEMENS AG	VAN DER VEEN, Hans		TSG#7: 3.3.0 TSG#8:3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2321-340.zip
TS	25.322	Radio Link Control (RLC) Protocol Specification	R1999	3.3.0	Oct 99	Yes	R2	-	DUMAZY, Jean	PHILIPS CONSUMER COMMUNICATION	VAN DER VEEN, Hans		TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2322-330.zip
TS	25.323	Packet Data Convergence Protocol (PDCP) protocol	R1999	3.2.0	Dec 99	Yes	R2	-	HANS, Martin	ROBERT BOSCH GmbH	VAN DER VEEN, Hans		TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2323-320.zip
TS	25.324	Radio Interface for Broadcast/Multicast Services	R1999	3.1.0	Dec 99	Yes	R2	-	KRISCHAN, Peter	MANNESMANN Mobilfunk GmbH	VAN DER VEEN, Hans		TSG#7: 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/

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TS	25.331	Radio Resource Control (RRC) Protocol Specification	R1999	3.3.0	Oct 99	Yes	R2	-	KUCHIBHOTLA, Ravi	MOTOROLA Ltd	VAN DER VEEN, Hans		TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2331-330.zip	
TS	25.371	LMU signalling	R2000	0.0.0	Mar 00	Yes	-	-	MOULY, Michel	NORTEL EUROPE SA	,	Created Jan 00; wdrwn Apr00	First draft: Jan2000	(look in drafts directory)	
TS	25.401	UTRAN Overall Description	R1999	3.3.0	Oct 99	Yes	R3	-	CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)	TAYLOR, Carolyn	Approval at TSG#5	TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2401-330.zip	
TS	25.402	Synchronisation in UTRAN Stage 2	R1999	3.2.0	Dec 99	Yes	R3	-	PIOLINI, Flavio	SIEMENS Information and Communication Networks SpA	TAYLOR, Carolyn	New	TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2402-320.zip	
TS	25.410	UTRAN Iu Interface: General Aspects and Principles	R1999	3.2.0	Oct 99	Yes	R3	-	TOWNEND, Richard	BT	TAYLOR, Carolyn	Approval at TSG#5	TSG#7: 3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2410-320.zip	
TS	25.411	UTRAN Iu interface Layer 1	R1999	3.2.0	Jun 99	Yes	R3	-	BRANDT, Achim V.	SIEMENS AG	TAYLOR, Carolyn		TSG#7: 3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2411-320.zip	
TS	25.412	UTRAN Iu interface signalling transport	R1999	3.4.0	Jun 99	Yes	R3	-	THAKARE, Kiran	RadioScape Limited	TAYLOR, Carolyn		TSG#7: 3.3.0 TSG#8:3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2412-340.zip	
TS	25.413	UTRAN Iu interface RANAP signalling	R1999	3.2.0	Dec 99	Yes	R3	-	JUSSILA, Jyrki	NOKIA Corporation	TAYLOR, Carolyn		TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2413-320.zip	
TS	25.414	UTRAN Iu interface data transport & transport signalling	R1999	3.4.0	Jun 99	Yes	R3	-	COMSTOCK, David	ERICSSON L.M. Telefonaktiebolaget	TAYLOR, Carolyn		TSG#7: 3.3.0 TSG#8:3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2414-340.zip	
TS	25.415	UTRAN Iu interface user plane protocols	R1999	3.3.0	Oct 99	Yes	R3	-	MAUPIN, Alain	ERICSSON L.M. Telefonaktiebolaget	TAYLOR, Carolyn	Approval at TSG#5	TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-	

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TS	25.419	UTRAN Iu interface: Cell broadcast protocols between SMS-CBC and RNC	R1999	3.1.0	Mar 00	Yes	R3	-	TAYLOR, Carolyn		TAYLOR, Carolyn	Created #6.	TSG#7: 2.0.0 (RP-000113) 3.0.0 TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2419-310.zip
TS	25.420	UTRAN Iur Interface: General Aspects and Principles	R1999	3.1.0	Dec 99	Yes	R3	-	THAKARE, Kiran	RadioScape Limited	TAYLOR, Carolyn		TSG#7: 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2420-310.zip
TS	25.421	UTRAN Iur interface Layer 1	R1999	3.0.0	Jun 99	Yes	R3	-	BRANDT, Achim V.	SIEMENS AG	TAYLOR, Carolyn		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2421-300.zip
TS	25.422	UTRAN Iur interface signalling transport	R1999	3.4.0	Jun 99	Yes	R3	-	THAKARE, Kiran	RadioScape Limited	TAYLOR, Carolyn		TSG#7: 3.3.0 TSG#8:3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2422-340.zip
TS	25.423	UTRAN Iur interface RNSAP signalling	R1999	3.2.0	Dec 99	Yes	R3	-	RUNE, Göran	Ericsson Radio System AB	TAYLOR, Carolyn		TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2423-320.zip
TS	25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams	R1999	3.3.0	Jun 99	Yes	R3	-	DREVON, Nicolas	ALCATEL CIT	TAYLOR, Carolyn		TSG#7:cr was to 3.0.0 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2424-330.zip
TS	25.425	UTRAN Iur interface user plane protocols for CCH data streams	R1999	3.2.0	Oct 99	Yes	R3	-	DREVON, Nicolas	ALCATEL CIT	TAYLOR, Carolyn		TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2425-320.zip
TS	25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams	R1999	3.3.0	Jun 99	Yes	R3	-	KEKKI, Sami	NOKIA Corporation	TAYLOR, Carolyn		TSG#7:cr was to 3.0.0 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2426-330.zip
TS	25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams	R1999	3.3.0	Oct 99	Yes	R3	-	LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND	TAYLOR, Carolyn		TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2427-

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TS	25.430	UTRAN Iub Interface: General Aspects and Principles	R1999	3.2.0	Dec 99	Yes	R3	-	WILSON, Mick	FUJITSU Europe Telecom R & D Centre	TAYLOR, Carolyn			TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2430-320.zip
TS	25.431	UTRAN Iub interface Layer 1	R1999	3.0.0	Jun 99	Yes	R3	-	BRANDT, Achim V.	SIEMENS AG	TAYLOR, Carolyn				ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2431-300.zip
TS	25.432	UTRAN Iub interface signalling transport	R1999	3.1.0	Jun 99	Yes	R3	-	WILSON, Mick	FUJITSU Europe Telecom R & D Centre	TAYLOR, Carolyn				ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2432-310.zip
TS	25.433	UTRAN Iub interface NBAP signalling	R1999	3.2.0	Dec 99	Yes	R3	-	ISHIKAWA, Nobutaka	NTT Mobile Communications Network, Inc. (NTT DoCoMo)	TAYLOR, Carolyn			TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2433-320.zip
TS	25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams	R1999	3.2.0	Jun 99	Yes	R3	-	ALDEN, Magnus	Telia Research AB	TAYLOR, Carolyn			TSG#7: 3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2434-320.zip
TS	25.435	UTRAN Iub interface user plane protocols for CCH data streams	R1999	3.3.0	Oct 99	Yes	R3	-	CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)	TAYLOR, Carolyn			TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2435-330.zip
TS	25.442	UTRAN Implementation Specific O&M Transport	R1999	3.1.0	Oct 99	Yes	R3	-	RECKER, Stephan	MANNESMANN Mobilfunk GmbH	TAYLOR, Carolyn			TSG#7: 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2442-310.zip
TR	25.831	Study Items for future release	R1999	0.0.2	Mar 00	Yes	R3	-	DREVON, Nicolas	ALCATEL CIT	TAYLOR, Carolyn				(look in drafts directory)
TR	25.832	Manifestations of Handover and SRNS relocation	R1999	3.0.0	Oct 99	Yes	R3	-	TOWNEND, Richard	BT	TAYLOR, Carolyn				ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2832-300.zip
TR	25.833	Physical layer items not for inclusion in Release 99	R1999	1.1.0	Mar 00	No	R1	-	..,		IKEDA, Shinobu	Created Jan 2000 (aka R1.03)		TSG#8:1.1.0	(look in drafts directory)
TR	25.834	UTRA TDD low chip rate	R2000	0.0.0	Dec	No	R2	-			VAN DER				(look in drafts)



		option; Radio protocol aspects			00						VEEN, Hans			directory)
TR	25.835	Report on hybrid ARQ type II/III	R2000	0.0.0	Dec 00	No	R2	-	SITTE, Armin	SIEMENS AG	VAN DER VEEN, Hans			(look in drafts directory)
TR	25.836	Node B synchronization for TDD	R2000	0.0.0	Mar 01	No	R1	-	OESTREICH, Stefan	SIEMENS AG	IKEDA, Shinobu			(look in drafts directory)
TR	25.837	Hybrid ARQ Type II/III (lub/lur aspects)	R2000	0.0.0		No	R3	-	BRANDT, Achim V.	SIEMENS AG	TAYLOR, Carolyn			(look in drafts directory)
TR	25.838	Node B Synchronisation for TDD (lub/lur aspects)	R2000	0.0.0		No	R3	-	LENHART, Johannes	SIEMENS AG	TAYLOR, Carolyn			(look in drafts directory)
TR	25.839	Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)	R2000	0.0.0		No	R3	-	PARK, Jin Hyo	SK TELECOM	TAYLOR, Carolyn			(look in drafts directory)
TR	25.840	Terminal power saving features	R2000	0.0.0	Dec 00	No	R1	-	CHOI, Hokyuu	Samsung Electronics Ind. Co., Ltd.	IKEDA, Shinobu			(look in drafts directory)
TR	25.841	DSCH power control improvement in soft handover	R2000	0.0.0	Dec 00	No	R1	-	TOSKALA, Antti	NOKIA Corporation	IKEDA, Shinobu			(look in drafts directory)
TR	25.842	Smart antenna	R2000	0.0.0	Dec 00	No	R1	-	HU, Jinling	CATT	IKEDA, Shinobu			(look in drafts directory)
TR	25.843	1.28 Mcps TDD UE Radio Access Capabilities	R2000	0.0.1	Dec 00	Yes	R2	-	ZHU, Yifei	CATT	VAN DER VEEN, Hans			(look in drafts directory)
TR	25.844	Radio Access Bearer Support Enhancements	R2000	0.0.0	Dec 00	Yes	R2	-	KRISHNARAJAH, Ainkaran	Ericsson Radio System AB	VAN DER VEEN, Hans			(look in drafts directory)
TR	25.845	FDD RACH and AICH performance requirements	R2000	0.0.0	Dec 00	No	R4	-	VIHRIÄLÄ, Jaakko	NOKIA Corporation	GUTIERREZ MIGUELEZ, Cesar			(look in drafts directory)
TR	25.921	Guidelines and principles for protocol description and error handling	R1999	3.1.0	Dec 99	Yes	R2	-	DUMAZY, Jean	PHILIPS CONSUMER COMMUNICATION	VAN DER VEEN, Hans		TSG#7: 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2921-310.zip
TR	25.922	Radio Resource Management Strategies	R1999	3.2.0	Dec 99	Yes	R2	-	MAGNANI, Nicola Pio	CSELT - Centro Studi e Laboratori Telecomunicazioni	VAN DER VEEN, Hans		TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2922-320.zip
TR	25.923	Stage 2 Functional Specification of Location Services in UTRAN	R1999	1.4.0		No	-	-	STEER, David G	NORTEL NETWORKS (EUROPE)		superseded by 25.305	.	(look in drafts directory)
TR	25.924	Opportunity Driven Multiple Access (ODMA)	R2000	1.0.0	Mar 00	Yes	R2	-	LAW, Alan	VODAFONE Group Plc	VAN DER VEEN, Hans		.	(look in drafts directory)
TR	25.925	Radio Interface for Broadcast/Multicast Services	R1999	3.1.0	Dec 99	Yes	R2	-	KRISCHAN, Peter	MANNESMANN Mobilfunk GmbH	VAN DER VEEN, Hans		TSG#7: 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2

TR	25.926	UE Radio Access capabilities definition	R1999	3.1.0	Mar 00	Yes	R2	-	LUNDSJÖ, Johan	Ericsson Radio System AB	VAN DER VEEN, Hans		TSG#7:2.0.0 (RP-000052), 3.0.0 TSG#8:3.1.0	925-310.zip ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2926-310.zip
TR	25.928	1,28Mcps UTRA TDD Physical Layer	R2000	1.0.0	Jun 00	No	R1	-	AKSENTIJEVIC, Mirko	NOKIA Corporation	IKEDA, Shinobu	Created R1#10, Jan 99.	anticipated TSG#8; TSG#7:0.0.2 (RP-000091) 0.0.3 (RP-000158) 0.0.3 TSG#8:1.0.0 (0.2.0)	(look in drafts directory)
TR	25.931	UTRAN Functions, examples on signalling procedures	R1999	3.0.0	Mar 00	Yes	R3	-	SCARRONE, Enrico	TELECOM ITALIA S.p.A.	TAYLOR, Carolyn	New	TSG#7:1.2.4 (RP-000125) 1.2.4 TSG#8:2.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2931-300.zip
TR	25.932	Delay budget within the access stratum	R2000	1.0.0	Dec 00	Yes	R3	-	..,		TAYLOR, Carolyn		TSG#8:1.0.0	(look in drafts directory)
TR	25.933	IP Transport in UTRAN	R2000	0.0.0	Dec 00	No	R3	-	..,		TAYLOR, Carolyn		.	(look in drafts directory)
TR	25.934	AAL2 QoS optimization	R2000	0.0.0	Dec 00	No	R3	-	..,		TAYLOR, Carolyn		.	(look in drafts directory)
TR	25.935	RRM optimisation	R2000	0.0.0	Dec 00	No	R3	-	VAN LIESHOUT, Gert-Jan	ERICSSON BUSINESS MOBILE NETWORK SB.V.	TAYLOR, Carolyn			(look in drafts directory)
TR	25.936	Handover for realtime services from PS-domain	R2000	0.0.0	Dec 00	No	R3	-	LANSISALMI, Atte	NOKIA Corporation	TAYLOR, Carolyn			(look in drafts directory)
TR	25.937	UTRAN TDD low chiprate	R2000	0.0.0	Dec 00	No	R3	-			TAYLOR, Carolyn			(look in drafts directory)
TR	25.938	Terminal power saving features	R2000	0.0.0	Dec 00	No	R3	-	CHOI, Sungho	Samsung Electronics Ind. Co., Ltd.	TAYLOR, Carolyn			(look in drafts directory)
TR	25.941	Document structure	R1999	3.1.0	Dec 99	Yes	R4	-	TAKAMI, Tadao	NTT Mobile Communications Network, Inc. (NTT DoCoMo)	GUTIERREZ MIGUELEZ, Cesar		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2941-310.zip
TR	25.942	RF system scenarios	R1999	2.1.3	Mar 00	Yes	R4	-	BENABDALLAH, Nadia	OMNITEL Pronto Italia SpA	GUTIERREZ MIGUELEZ, Cesar		TSG#7:2.1.3 2.1.3	(look in drafts directory)
TR	25.943	Deployment aspects	R1999	2.0.0	Mar 00	Yes	R4	-	SKÖLD, Johan	ERICSSON Telecomunicazioni SpA	GUTIERREZ MIGUELEZ, Cesar		TSG#7:2.0.0	(look in drafts directory)
TR	25.944	Channel coding and multiplexing examples	R1999	3.1.0	Mar 00	Yes	R1	-	NAKAMURA, Takaharu	Fujitsu Limited	IKEDA, Shinobu	Created Jan 2000 (aka R1.04)	TSG#7:1.0.1, 3.0.0 TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2944-310.zip

TR	25.945	RF requirements for low chip rate TDD option	R2000	0.0.0	Dec 00	No	R4	-	ZHANG, Daijun	CATT	GUTIERREZ MIGUELEZ, Cesar		.	(look in drafts directory)
TR	25.950	UTRA high speed downlink packet access	R2000	0.0.0	Dec 00	No	R2	-	KUCHIBHOTLA, Ravi	MOTOROLA Ltd	VAN DER VEEN, Hans			(look in drafts directory)
TR	25.951	BS classification (FDD)	R2000	0.0.0	Mar 01	No	R4	-	JOKINEN, Sami	NOKIA TELECOMMUNICATIONS FINLAND	GUTIERREZ MIGUELEZ, Cesar			(look in drafts directory)
TR	25.952	BS classification (TDD)	R2000	0.0.0	Mar 01	No	R4	-	ZEIRA, Eldad	INTERDIGITAL COMMUNICATIONS CORPORATION	GUTIERREZ MIGUELEZ, Cesar			(look in drafts directory)
TR	25.990	Vocabulary for UTRAN	R1999	3.0.0	Oct 99	Yes	R4	-	OKRAH, Peter	Motorola Inc.	GUTIERREZ MIGUELEZ, Cesar		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/2990-300.zip
TS	26.071	AMR speech Codec; General description	R1999	3.0.1	Jun 99	Yes	S4	-	EKUDDEN, Erik	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino	Transfer>TSG#4	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2071-301.zip
TS	26.073	AMR speech Codec; C-source code	R1999	3.1.0	Dec 99	Yes	S4	-	EKUDDEN, Erik	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino	Transfer>TSG#4	approved TSG#6. TSG#7: 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2073-310.zip
TS	26.074	AMR speech Codec; Test sequences	R1999	3.0.2	Dec 99	Yes	S4	-	EKUDDEN, Erik	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino	Transfer>TSG#4	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2074-302.zip
TS	26.075	AMR speech Codec; Performance Charaterization of the GSM AMR Speech Codec	<?>	1.2.0	Mar 00	Yes	-	-	..,		,	Created TSG#6. Replaced by '975 at TSG#7.	replaced by 26.975	(look in drafts directory)
TS	26.090	AMR speech Codec; Transcoding Functions	R1999	3.1.0	Jun 99	Yes	S4	-	EKUDDEN, Erik	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino	Transfer>TSG#4	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2090-310.zip
TS	26.091	AMR speech Codec; Error concealment of lost frames	R1999	3.1.0	Jun 99	Yes	S4	-	EKUDDEN, Erik	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino	Transfer>TSG#4	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2091-310.zip

TS	26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	R1999	3.0.1	Jun 99	Yes	S4	-	EKUDDEN, Erik	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino	Transfer>TSG#4	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2092-301.zip
TS	26.093	AMR speech Codec; Source Controlled Rate operation	R1999	3.2.0	Jun 99	Yes	S4	-	EKUDDEN, Erik	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino	Transfer>TSG#4	TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2093-320.zip
TS	26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	R1999	3.0.0	Oct 99	Yes	S4	-	..,		USAI, Paolino	Transfer>TSG#4	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2094-300.zip
TS	26.101	AMR speech Codec; Frame Structure	R1999	3.1.0	Dec 99	Yes	S4	-	HAGQVIST, Jari	NOKIA Corporation	USAI, Paolino		TSG#7: 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2101-310.zip
TS	26.102	AMR speech Codec; Interface to lu and Uu	R1999	3.1.0	Dec 99	Yes	S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		TSG#7: 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2102-310.zip
TS	26.103	Codec lists	R1999	3.0.0	Dec 99	Yes	S4	-	HELLWIG, Karl	ERICSSON Eurolab Deutschland GmbH	USAI, Paolino	New after TSG#5	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2103-300.zip
TS	26.104	AMR speech Codec; Floating point C-Code	R1999	3.0.0	Mar 00	No	S4	-	..,		USAI, Paolino		New at TSG#6. TSG#7:0.3.0 (SP-000022) 0.3.0 TSG#8:3.0.0 (1.0.0)	link not available a present
TS	26.110	Codec for Circuit switched Multimedia Telephony Service; General Description	R1999	3.0.1	Jun 99	Yes	S4	-	ARONSON, Barry	TOSHIBA CO	USAI, Paolino		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2110-301.zip
TS	26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	R1999	3.2.0	Jun 99	Yes	S4	-	ARONSON, Barry	TOSHIBA CO	USAI, Paolino	CR at TSG#5	TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2111-320.zip
TS	26.112	Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements	<?>	1.1.0	Mar 00	Yes	-	-	..,		,		June99: 1.1.0	(look in drafts directory)
TS	26.115	Transmission Delay and Echo Control Planning	<?>	0.0.1	Mar 00	Yes	-	-	..,		,		Feb00: 0.0.1	(look in drafts)

		For Speech and Multi-Media Services												directory)
TS	26.121	Technical Specification for Tandem Free Operation within 3G networks	<?>	0.0.0	Jun 00	No	-	-	...					(look in drafts directory)
TS	26.122	Technical Specification for Tandem Free Operation between 3G and 2G networks	<?>	0.0.0	Mar 00	No	-	-	...					(look in drafts directory)
TS	26.131	Narrow Band (3,1kHz) Speech & Video Telephony Terminal Acoustic Characteristics	R1999	3.1.0	Dec 99	Yes	S4	-	GOETZ, Ian	TELLABS OPERATIONS INC.	USAI, Paolino		TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2131-310.zip
TS	26.132	Narrow Band (3,1kHz) Speech & Video Telephony Terminal Acoustic Test Specification.	R1999	3.0.0	Jun 00	Yes	S4	-	GOETZ, Ian	TELLABS OPERATIONS INC.	USAI, Paolino		Feb00: 0.0.1 TSG#8:3.0.0 (1.0.0)	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2132-300.zip
TS	26.226	Global text telephony; Transport of text in the voice channel	R2000	0.0.0	Dec 00	No	S4	-	HELLSTROM, Gunnar	The Swedish Handicap Institute	USAI, Paolino		WI approved TSG#7	(look in drafts directory)
TR	26.901	AMR Wideband Speech Codec Feasibility Study Report	R2000	4.0.1	Mar 00	Yes	S4	-	OHANA, Alain	Bellsouth Cellular	USAI, Paolino		TSG#7:2.0.0 (SP-000024), 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/R2000/6_series/2901-401.zip
TR	26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide	R1999	3.2.0	Jun 99	Yes	S4	-	HAAVISTO, Petri	Nokia Research Center	USAI, Paolino			ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2911-320.zip
TR	26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G	R1999	3.0.0	Mar 00	Yes	S4	-	FRANCESCHI, Oile	Nippon Ericsson K.K.	USAI, Paolino		TSG#7:2.0.0 (SP-000019), 3.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2912-300.zip
TR	26.913	Quantitative performance evaluation of real-time packet switched multimedia services over 3G	R1999	0.0.1	Mar 00	Yes	S4	-	HONKO, Harri	Nokia Research Center	USAI, Paolino			(look in drafts directory)
TR	26.915	QoS for Speech and Multimedia Codec; Quantitative performance evaluation of real-time packet switched	R1999	3.0.0	Mar 00	Yes	S4	-	GOETZ, Ian	TELLABS OPERATIONS INC.	USAI, Paolino	May00: May be converted to TS 26.115 some time in future.	TSG#7:1.0.0 (SP-000020), 3.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/6_series/2915-300.zip

		multimedia services over 3G												
TR	26.920	Architectural Model for the 3G Transcoders	R2000	0.1.1	tbd	Yes	S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		.	(look in drafts directory)
TR	26.975	Performance characterization of the AMR speech codec	R1999	1.1.0	Mar 00	Yes	S4	-	EKUDDEN, Erik	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino	Replaces 26.075.	was 25.075; Feb00: 1.1.0. TSG#7: 1.1.0	(look in drafts directory)
TS	27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	R1999	3.5.0	April 99	Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		TSG#7: 3.4.0 TSG#8:3.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/7_series/2001-350.zip
TS	27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	R1999	3.4.0	April 99	Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		TSG#7: 3.3.0 TSG#8:3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/7_series/2002-340.zip
TS	27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	R1999	3.4.0	April 99	Yes	N3	-	COLBAN, Erik	ERICSSON AS	BOSWARTHIC K, David		TSG#7: 3.3.0 TSG#8:3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/7_series/2003-340.zip
TS	27.005	Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE - DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)	R1999	3.1.0	Jun 99	Yes	T2	-	HARRIS, Ian	VODAFONE Group Plc	RODERMUND, Friedhelm		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/7_series/2005-310.zip
TS	27.007	AT command set for 3G User Equipment (UE)	R1999	3.5.0	Jun 99	Yes	T2	-	NOVAK, Lars	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		TSG#8:3.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/7_series/2007-350.zip
TS	27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol User Equipment (UE)	R1999	3.3.0	Jun 99	Yes	T2	-	NOVAK, Lars	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		additional CR for R99 on UMTS amendments expected at TSG-T#7. TSG#7: 3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/7_series/2010-330.zip
TS	27.060	GPRS Mobile Stations supporting GPRS	R1999	3.4.0	April 99	Yes	N3	-	HEATON, Graham	RTS Wireless Inc.	BOSWARTHIC K, David		TSG#7: 3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/7_series/2060-340.zip
TS	27.103	Wide Area Network Synchronisation	R1999	3.0.0	Oct 99	Yes	T2	-	LOCKHART, Rob	MOTOROLA	RODERMUND, Friedhelm		TSG#8:3.1.0 but this CR not impementable.	ftp://ftp.3gp.org/Specs/2000-09/R1999/7_series/2

TS	27.226	Global Text telephony; Terminal aspects	R2000	0.0.0	Dec 00	No	T2	-	HELLSTROM, Gunnar	The Swedish Handicap Institute	RODERMUND, Friedhelm		WI approved TSG#7	103-300.zip (look in drafts directory)
TR	27.901	Report on Terminal Interfaces - An Overview	R1999	3.0.0	Dec 99	Yes	T2	-	REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB	RODERMUND, Friedhelm	.	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/7_series/2901-300.zip
TR	27.903	Discussion of Synchronisation Standards	R1999	3.0.0	Oct 99	Yes	T2	-	LOCKHART, Rob	MOTOROLA	RODERMUND, Friedhelm	.	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/7_series/2903-300.zip
TS	28.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	R2000	0.0.0		No	-	-	..,		,	N3 indicates not required for R99, so revert to 08.20 R98.	.	(look in drafts directory)
TS	28.062	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	R2000	0.0.0	Jun 00	No	S4	-	..,		USAI, Paolino	Transfer>TSG#4	.	(look in drafts directory)
TS	29.002	Mobile Application Part (MAP)	R1999	3.5.2	April 99	Yes	N4	-	..,		SETTIMO, Franco		TSG#7: 3.4.0 TSG#8:3.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2002-352.zip
TS	29.002	Mobile Application Part (MAP)	R2000	4.0.2	April 99	No	N4	-	..,		SETTIMO, Franco		TSG#8:4.0.0	link not available a present
TS	29.004	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	R1999	3.0.0	Jun 00	No	-	-	..,		,	N3 indicates not required for R99, so revert to 09.04 R98.	May 99: 3.0.0	link not available a present
TS	29.005	Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access	R1999	3.0.0	Jun 00	No	-	-	..,		,	N3 indicates not required for R99, so revert to 09.05 R98.	TSG#3: 3.0.0	link not available a present
TS	29.006	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services	R1999	3.0.0	April 99	Yes	-	-	..,		,	N3 indicates not required for R99, so revert to 09.06 R98.	withdrawn N#6	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2006-300.zip

TS	29.007	General requirements on Interworking between the PLMN and the ISDN or PSTN	R1999	3.5.0	April 99	Yes	N3	-	KLEHN, Norbert	SIEMENS AG	BOSWARTHIC K, David		TSG#7: 3.4.0 TSG#8:3.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2007-350.zip
TS	29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	R1999	3.2.0	Oct 99	Yes	N4	-	..,		SETTIMO, Franco	Transfer>TSG#4 (transfer??)	TSG#7: 3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2010-320.zip
TS	29.011	Signalling Interworking for Supplementary Services	R1999	3.0.0	April 99	Yes	N4	-	..,		SETTIMO, Franco	.	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2011-300.zip
TS	29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	R1999	3.0.0	Oct 99	Yes	N4	-	..,		SETTIMO, Franco	Transfer>TSG#4	.	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2013-300.zip
TS	29.016	Serving GPRS Support Mode SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	R1999	3.0.0	April 99	Yes	N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2016-300.zip
TS	29.018	Serving GPRS Support Mode SGSN - Visitors Location Register (VLR); Gs Interface Layer 3 Specification	R1999	3.3.0	April 99	Yes	N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		TSG#7: 3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2018-330.zip
TS	29.060	GPRS Tunnelling protocol (GTP) across the Gn and Gp interface	R1999	3.5.0	April 99	Yes	N4	-	OLTEDAL, Einar	ERICSSON L.M. Telefonaktiebolaget	SETTIMO, Franco		TSG#7: 3.4.0 TSG#8:3.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2060-350.zip
TS	29.061	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and	R1999	3.3.0	April 99	Yes	N3	-	HEATON, Graham	RTS Wireless Inc.	BOSWARTHIC K, David		TSG#7: 3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2061-330.zip



		Packet													
TS	29.078	CAMEL; Stage 3	R1999	3.4.1	Oct 99	Yes	N2	-	NOLDUS, Rogier	ERICSSON L.M. Telefonaktiebolaget	SETTIMO, Franco	Transfer->TSG#4	CR@TSG#6, note version changes are not available, 3.1.0 was not created. TSG#7: 3.3.0 TSG#8:3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2078-341.zip	
TS	29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface	R1999	3.0.0	Jun 00	Yes	R3	-	VESELY, Alexander	SIEMENS AG	TAYLOR, Carolyn	TSG#8:Appeared as v2.0.0 (RP-000258)	TSG#8:3.0.0 (2.0.0)	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2108-300.zip	
TS	29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	R1999	3.0.0	Mar 00	Yes	N4	-	AIKAWA, Shinichiro	Fujitsu Limited	SETTIMO, Franco	New after TSG#5	Functionally frozen by CN#6. TSG#7:2.0.0 (TP-000107) 3.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2119-300.zip	
TS	29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); stage 3	R1999	3.0.0	Mar 00	Yes	N4	-	MITAMURA, Kazuo	NTT Communications Ware Corporation	SETTIMO, Franco	New after TSG#5	Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99. TSG#7:2.0.0 3.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2120-300.zip	
TR	29.198	Open Services Architecture API part 1	R1999	3.0.0	Jun 00	Yes	N5	-	HU, Yun Chao	Nippon Ericsson K.K.	HELLMAN, Monica	OSA subgroup	TSG#7:1.0.0 (TP-000056) 1.0.0 TSG#8:3.0.0 (2.0.0)	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2198-300.zip	
TR	29.998	Open Services Architecture API part 2	R1999	3.0.0	Jun 00	Yes	N5	-	HU, Yun Chao	Nippon Ericsson K.K.	HELLMAN, Monica	OSA subgroup	TSG#7:1.0.0 (TP-000057) 1.0.0 TSG#8:3.0.0 (2.0.0)	ftp://ftp.3gp.org/Specs/2000-09/R1999/9_series/2998-300.zip	
	30.00	SMG - UMTS Work programme	UMTS	3.6.1		No	-	-	SAMUKIC, Antun	ERICSSON S.A.	,		#21: 3.0.0 #22: 3.1.0 #23: 3.2.0 #24: 3.3.0 #25: 3.4.0 #26: 3.5.0 #27: 3.6.1	link not available a present	
	30.01	UMTS Baseline document: Collection of the SMG's positions on the UMTS	UMTS	3.5.1		No	-	-	SAMUKIC, Antun	ERICSSON S.A.	,		#22: 3.0.0 #23: 3.1.0 #24: 3.2.0 #25: 3.3.0 #26: 3.4.0 #27: 3.5.1	link not available a present	
	30.02	Experience from GSM standardisation to be applied at UMTS standardisation	UMTS	0.0.0		No	-	-	...		,		.	(look in drafts directory)	
	30.03	Selection procedures for the choice of radio transmission technologies of the UMTS	UMTS	3.2.0		Yes	GP	-	BLANC, Patrick	ALCATEL CIT	USAI, Paolino		#23: 3.1.0 #25: 3.2.0	ftp://ftp.3gp.org/Specs/2000-09/UMTS/0_series/303-320.zip	
	30.04	Definition of the limited	UMTS	3.0.1		Yes	GP	-	ANDERSEN, Niels	MOTOROLA A/S	USAI, Paolino		#22: 3.0.0	ftp://ftp.3gp.org/Spec	

		number of UTRA concepts							Peter Skov					s/2000-09/UMTS/0_series/304-301.zip
	30.05	UMTS terminology	UMTS	0.0.0			No	-	-	..,				(look in drafts directory)
	30.06	UTRA Concept Evaluation Reports	UMTS	3.0.0			Yes	GP	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino	#24: 3.0.0	ftp://ftp.3gp.org/Specs/2000-09/UMTS/0_series/306-300.zip
	30.20	Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS	UMTS	3.1.0			Yes	-	-	RAPELI, Juha	PHILIPS CONSUMER COMMUNICATION		#24: 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/UMTS/0_series/320-310.zip
TR	30.504	Work Plan and Study Items - RAN WG4	<?>	2.2.0	Mar 00	Yes	R4	-	-	IWASA, Masaaki	MOTOROLA JAPAN LTD	GUTIERREZ MIGUELEZ, Cesar		(look in drafts directory)
TR	30.531	Work Plan and Study Items - RAN WG3	R1999	0.8.0	Mar 00	Yes	R3	-	-	EHRSTEDT, Bjorn	ERICSSON L.M. Telefonaktiebolaget	TAYLOR, Carolyn	TSG#7:0.7.0 (RP-000142) 0.7.0 TSG#8:0.8.0	(look in drafts directory)
TR	30.801	Overall Project Plan	<?>	1.1.0	Mar 00	Yes	S2	-	-	SULTAN, Alain	ETSI Secretariat	SULTAN, Alain		(look in drafts directory)
TR	30.802	Project plan on Bearer Services and QoS	<?>	1.0.0	Mar 00	Yes	S2	-	-	LOPEZ-TORRES, Oscar	Deutsche Telekom MobilNet GmbH	SULTAN, Alain		(look in drafts directory)
TR	30.804	Project plan on GSM/UMTS Interoperation and Mobility Management	<?>	1.0.0	Mar 00	Yes	S2	-	-	COURAU, François	ALCATEL France	SULTAN, Alain		(look in drafts directory)
TR	30.806	Project plan on Location based services	<?>	1.0.0	Mar 00	Yes	S2	-	-	KÅLL, Jan	NOKIA Corporation	SULTAN, Alain		(look in drafts directory)
TR	30.808	Project plan on Packet Architecture and Circuit Architecture	<?>	1.0.0	Mar 00	Yes	S2	-	-	DROPANN, Ulrich	SIEMENS AG	SULTAN, Alain		(look in drafts directory)
TR	30.810	Project plan on Security	<?>	1.0.0	Mar 00	Yes	S2	-	-	PUDNEY, Chris	VODAFONE Group Plc	SULTAN, Alain		(look in drafts directory)
TR	30.812	Project plan on Services and Service platforms	<?>	1.0.0	Mar 00	Yes	S2	-	-	SCHMERSEL, Rob	ERICSSON L.M. Telefonaktiebolaget	SULTAN, Alain		(look in drafts directory)
TS	31.101	UICC-terminal interface; Physical and logical characteristics	R1999	3.2.0	Dec 99	Yes	T3	T3 / SCP	-	LINDHOLM, Rune	NOKIA MOBILE PHONES	SANDERS, Michael	TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/3101-320.zip
TS	31.102	Characteristics of the USIM Application	R1999	3.2.0	Dec 99	Yes	T3	-	-	KOBAYASHI, Makoto	Nippon Ericsson K.K.	SANDERS, Michael	TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/3102-

															320.zip
TS	31.110	Numbering system for telecommunication IC card applications	R1999	3.1.0	Dec 99	Yes	T3	-	DIETRICH, Christian	Schlumberger Industries	SANDERS, Michael		TSG#7: 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/3110-310.zip	
TS	31.111	USIM Application Toolkit (USAT)	R1999	3.1.0	Mar 00	Yes	T3	-	WOODSEND, Kristian	ASPECTS Software Ltd	SANDERS, Michael		TSG#7: 3.0.0 TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/1_series/3111-310.zip	
TS	31.120	Terminal tests for the UICC Interface; part 1	R1999	0.0.0	Jun 00	No	T3	-	VEDDER, Klaus	GIESECKE & DEVRIENT GmbH	SANDERS, Michael	based on R99 core spec; split into 2 parts (this is 1)	.	(look in drafts directory)	
TS	31.121	Terminal tests for the UICC Interface; part 2	R1999	0.0.0	Jun 00	No	T3	-	VEDDER, Klaus	GIESECKE & DEVRIENT GmbH	SANDERS, Michael	based on R99 core spec; split into 2 parts (this is 2)	.	(look in drafts directory)	
TS	31.122	UICC Test Specification	R1999	0.0.0	Jun 00	No	T3	-	VEDDER, Klaus	GIESECKE & DEVRIENT GmbH	SANDERS, Michael	based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was split into two parts	.	(look in drafts directory)	
TS	32.005	Telecommunications Management; Charging and billing; GSM call and event data for the Circuit Switched (CS) domain	R1999	3.1.0	Jun 00	Yes	S5	-	NENNER, Karl Heinz	Deutsche Telekom MobilNet GmbH	ZOICAS, Adrian		Title change. TSG#7: TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/3005-310.zip	
TS	32.008	Subscriber and Equipment trace	<?>	0.0.0		No	-	-	SJÖBLOM, Kai	NOKIA Corporation	,	Existence deduced from STF139 programme. But denied by Sjöblom.	Not to be produced.	(look in drafts directory)	
TS	32.015	Telecommunications Management; Charging and billing; GSM call and event data for the Packet Switched (PS) domain	R1999	3.2.0	Jun 00	Yes	S5	-	NENNER, Karl Heinz	Deutsche Telekom MobilNet GmbH	ZOICAS, Adrian		Title change. TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/3015-320.zip	
TS	32.101	3G Telecom Management principles and high level requirements	R1999	3.2.0	Mar 00	Yes	S5	-	TRUSS, Michael	MOTOROLA Ltd	ZOICAS, Adrian		Outstanding R99 issues. TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/3101-320.zip	
TS	32.102	3G Telecom Management Architecture	R1999	3.2.0	Mar 00	Yes	S5	-	BERGGREN, Tommy	Telia Mobile AB	ZOICAS, Adrian		Outstanding R99 issues. TSG#7: 3.1.0 TSG#8:3.2.0	ftp://ftp.3gp.org/Spec	



		Management; Part 5: Basic Configuration Management IRP information model (including NRM) version 1												
TS	32.106-6	Telecommunication Management; Configuration Management; Part 6: Basic Configuration Management IRP CORBA solution set version 1:1	R1999	0.0.0	Dec 00	No	S5	-	TOVINGER, Thomas	ERICSSON L.M. Telefonaktiebolaget	ZOICAS, Adrian	TSG#8: split into eight parts	TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)	(look in drafts directory)
TS	32.106-7	Telecommunication Management; Configuration Management; Part 7: Basic Configuration Management IRP CMIP solution set version 1:1	R1999	0.0.0	Dec 00	No	S5	-	TOVINGER, Thomas	ERICSSON L.M. Telefonaktiebolaget	ZOICAS, Adrian	TSG#8: split into eight parts	TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)	(look in drafts directory)
TS	32.106-8	Telecommunication Management; Configuration Management; Part 8: Name convention for Managed Objects	R1999	3.1.0	Mar 00	Yes	S5	-	TOVINGER, Thomas	ERICSSON L.M. Telefonaktiebolaget	ZOICAS, Adrian	TSG#8: split into eight parts	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/3106-8-310.zip
TS	32.111	3G Fault Management	R1999	3.0.1	Jun 00	Yes	S5	-	CICCHITTO, Gaetano	SIEMENS Information and Communication Networks SpA	ZOICAS, Adrian	TSG#8: split into 4 parts	Outstanding R99 issues. TSG#7:2.0.0(SP-000013), 3.0.0 TSG#8: multipart split from parent 3.0.1	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/3111-301.zip
TS	32.111-1	Telecommunication Management; Fault Management; Part 1: 3G fault management requirements	R1999	3.1.0	Jun 00	Yes	S5	-	JURE, Patrick	Lucent Technologies France	ZOICAS, Adrian	TSG#8: split into 4 parts	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/3111-1-310.zip
TS	32.111-2	Telecommunication Management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service	R1999	3.1.1	Jun 00	Yes	S5	-	JURE, Patrick	Lucent Technologies France	ZOICAS, Adrian	TSG#8: split into 4 parts	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/3111-2-311.zip
TS	32.111-3	Telecommunication Management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1	R1999	3.1.0	Jun 00	Yes	S5	-	JURE, Patrick	Lucent Technologies France	ZOICAS, Adrian	TSG#8: split into 4 parts	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/2_series/3111-3-310.zip
TS	32.111-	Telecommunication	R1999	3.1.1	Jun	Yes	S5	-	JURE, Patrick	Lucent	ZOICAS, Adrian	TSG#8: split into	TSG#8: multipart split from parent	ftp://ftp.3gp.org/Spec

	4	Management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set			00					Technologies France		4 parts	3.0.1 TSG#8:3.1.0	s/2000-09/R1999/2_series/3111-4-311.zip
TS	32.140	3G Service Management Requirements & Framework	R2000	0.1.0		Yes	S5	-	CARYER, Geoffrey	BT	ZOICAS, Adrian		TSG#8:0.1.0 but associated WI not approved.	(look in drafts directory)
TS	33.102	Security Architecture	R1999	3.5.0	Mar 00	Yes	S3	-	VINCK, Bart	SIEMENS AG	POPE, Maurice		TSG#7: 3.4.0 TSG#8:3.5.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/3102-350.zip
TS	33.103	Security Integration Guidelines	R1999	3.3.0	Oct 99	Yes	S3	-	BLANCHARD, Colin	BT	POPE, Maurice		TSG#7: 3.2.0 TSG#8:3.3.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/3103-330.zip
TS	33.105	Cryptographic Algorithm requirements	R1999	3.4.0	Jun 99	Yes	S3	-	CHIKAZAWA, Takeshi		POPE, Maurice		TSG#7: 3.3.0 TSG#8:3.4.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/3105-340.zip
TS	33.106	Lawful interception requirements	R1999	3.1.0	Jun 00	Yes	S3	-	WILHELM, Berthold	Reg TP	POPE, Maurice		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/3106-310.zip
TS	33.107	Lawful interception architecture and functions	R1999	3.0.0	Dec 99	Yes	S3	-	WILHELM, Berthold	Reg TP	POPE, Maurice		New at TSG#6 approved	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/3107-300.zip
TS	33.120	Security Objectives and Principles	R1999	3.0.0	April 99	Yes	S3	-	WRIGHT, Tim	BT	POPE, Maurice		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/3120-300.zip
	33.20	Security principles for the UMTS	UMTS	3.0.1		No	-	-	..,		,		#19: 3.0.0	link not available a present
	33.21	UMTS Security Requirements	UMTS	1.0.0		No	-	-	..,		,		#27: for info	(look in drafts directory)
TR	33.900	Guide to 3G security	R1999	1.2.0	Mar 00	Yes	S3	-	BROOKSON, Charles	DTI - Department of Trade and Industry	POPE, Maurice		New at TSG#6	(look in drafts directory)
TR	33.901	Criteria for cryptographic Algorithm design process	R1999	3.0.0	Jun 99	Yes	S3	-	BLOM, Rolf	ERICSSON L.M. Telefonaktiebolaget	POPE, Maurice		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/

																		3_series/3901-300.zip
TR	33.902	Formal Analysis of the 3G Authentication Protocol	R1999	3.1.0	Oct 99	Yes	S3	-	HORN, Guenther	SIEMENS AG	POPE, Maurice							ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/3902-310.zip
TR	33.908	Security Algorithms Group of Experts (SAGE); General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms	R1999	3.0.0	Mar 00	Yes	S3	-	WALKER, Michael	VODAFONE Group Plc	POPE, Maurice	TSG#7: S3-000105=NP-000049	TSG#7 SP-000039					ftp://ftp.3gp.org/Specs/2000-09/R1999/3_series/3908-300.zip
TR	33.909	ETSI SAGE 3GPP Standards Algorithms Task Force: Report on the evaluation of 3GPP standard confidentiality and integrity algorithms	R1999	3.0.0	Jun 00	No	S3	-	WALKER, Michael	VODAFONE Group Plc	POPE, Maurice	TSG#7: Is a reference in 33.908	TSG#7: referred to in 33.908.					link not available a present
TS	34.108	Common Test Environments for User Equipment (UE) Conformance Testing	R1999	3.0.1	Jun 00	Yes	T1	-	CHALABI, Nouhman	Anite Telecoms Ltd.	SALMERON, Lidia		TSG#7:(TP-000032) 1.0.0, 1.0.1 TSG#8:aprvl is controversial TSG#8:3.0.0 (2.0.0)					ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/3108-301.zip
TS	34.109	Logical Test Interface (TDD and FDD)	R1999	3.0.0	Jun 00	Yes	T1	R2	MATTISSON, Leif	ERICSSON L.M. Telefonaktiebolaget	SALMERON, Lidia	TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.	Feb00: 1.1.0 TSG#7: 1.2.0 TSG#8:3.0.0 (2.0.0)					ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/3109-300.zip
TS	34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)	R1999	3.1.0	Mar 00	Yes	T1	-	HIGUCHI, Kenji	ADVANTEST Corporation	SALMERON, Lidia		RAN documents are undergoing substantial changes and 34.121 can therefore not be stabilized to TSGT#7. TSG#7: 2.0.0(TP-000033), 3.0.0 TSG#8:3.1.0					ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/3121-310.zip
TS	34.122	Terminal Conformance Specification, Radio Transmission and Reception (TDD)	R1999	3.0.1	Jun 00	Yes	T1	-	MAUCKSCH, Thomas	ROHDE & SCHWARZ GmbH & Co.KG	SALMERON, Lidia		TSG#7: 1.2.0 TSG#8:3.0.0 (2.0.0)					ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/3122-301.zip
TS	34.123-1	UE Conformance Specification, Part 1 – Conformance specification	R1999	3.0.0	Jun 00	Yes	T1	-	SALMERON, Lidia	ETSI Secretariat	SALMERON, Lidia		TSG#8:3.0.0 (2.0.0)					ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/3123-1-300.zip
TS	34.123-2	UE Conformance Specification, Part 2 –	R1999	1.0.1	Jun 00	Yes	T1	-	HU, Shicheng	ETSI Secretariat	SALMERON, Lidia		TSG#7: 1.0.1 TSG#8: aprvl target postponed to end-00					(look in drafts

		ICS												directory)
TS	34.123-3	UE Conformance Specification, Part 3 – Abstract Test suites	R1999	0.0.0	Mar 01	Yes	T1	-	HU, Shicheng	ETSI Secretariat	SALMERON, Lidia		.	(look in drafts directory)
TS	34.124	Electro-Magnetic Compatibility (EMC) for Terminal equipment - stage 1	R1999	3.0.0	Mar 00	Yes	T1	-	SOERENSEN, Ole	NOKIA MOBILE PHONES	SALMERON, Lidia		TSG#7: 2.0.1(SP-000034), 3.0.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/3124-300.zip
TR	34.907	Report on electrical safety requirements and regulations	R1999	3.0.0	Oct 99	Yes	T2	-	IIMORI, Eiji	Toshiba Corporation	RODERMUND, Friedhelm		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/3907-300.zip
TR	34.910	Conformance Test specifications – Relevant for Regulatory use	R2000	0.0.1	Mar 01	Yes	T1	-	NIELSEN, Bjarke	QUALCOMM EUROPE S.A.R.L.	SALMERON, Lidia		.	(look in drafts directory)
TR	34.925	Specific Absorption Rate (SAR) requirements and regulations in different regions	R1999	3.0.0	Jun 99	Yes	T2	-	JOHANSSON, Sven	ERICSSON L.M. Telefonaktiebolaget	RODERMUND, Friedhelm		.	ftp://ftp.3gp.org/Specs/2000-09/R1999/4_series/3925-300.zip
TR	34.926	Table of International EMC requirements	R2000	0.0.0	Jun 00	No	T1	-	FENN, John B	SAMSUNG Electronics Research Institute	SALMERON, Lidia	Plan approved TSG#7 TP-000036).	.	(look in drafts directory)
TS	35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications	R1999	3.1.0	Mar 00	Yes	S3	-	WALKER, Michael	VODAFONE Group Plc	POPE, Maurice	ex SAGE - not publicly available; supplied by ETSI under licenceE	TSG#7: 3.1.0 ex SAGE 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/3201-310.zip
TS	35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification	R1999	3.1.0	Mar 00	Yes	S3	-	WALKER, Michael	VODAFONE Group Plc	POPE, Maurice	ex SAGE - not publicly available; supplied by ETSI under licence	TSG#7: 3.1.0 ex SAGE 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/3202-310.zip
TS	35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data	R1999	3.1.0	Mar 00	Yes	S3	-	WALKER, Michael	VODAFONE Group Plc	POPE, Maurice	ex SAGE - not publicly available; supplied by ETSI under licence	TSG#7: 3.1.0 ex SAGE 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/3203-310.zip
TS	35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data	R1999	3.1.0	Mar 00	Yes	S3	-	WALKER, Michael	VODAFONE Group Plc	POPE, Maurice	ex SAGE - not publicly available; supplied by ETSI under licence	TSG#7: 3.1.0 ex SAGE 3.1.0	ftp://ftp.3gp.org/Specs/2000-09/R1999/5_series/3204-310.zip



	41.001	GSM R99 Specification set	R2000	0.0.0		No	GP	-	COURAU, François	ALCATEL France	USAI, Paolino		info at #30 Alignment with 21.101: 1.1.0. Aprvl expected SMG#31b; or #32 ... #32:2.0.0 -> 8.0.0	(look in drafts directory)
	41.004	Abbreviations and Acronyms	R2000	0.0.0		No	GP	-	CLAYTON, Michael	GSM MoU Association	USAI, Paolino		.	(look in drafts directory)
	41.031	Fraud Information Gathering System (FIGS); Service requirements - Stage 0	R2000	0.0.0		No	S3	-	WRIGHT, Tim	BT	POPE, Maurice		.	(look in drafts directory)
	41.033	Lawful Interception requirements for GSM	R2000	0.0.0		No	S3	-	MILES, David F.	BT Cellnet	POPE, Maurice		.	(look in drafts directory)
	41.061	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements	R2000	0.0.0		No	S3	-	..,		POPE, Maurice		.	(look in drafts directory)
	42.009	Security Aspects	R2000	0.0.0		No	S3	S1 / NP	GILBERT, Henri	France Telecom R&D	POPE, Maurice		.	(look in drafts directory)
	42.017	Subscriber Identity Modules, Functional Characteristics	R2000	0.0.0		No	T3	S1	GREEN, Mark	ORANGE PCS LTD	SANDERS, Michael		7.1.0 #30: 8.0.0	(look in drafts directory)
	42.019	Subscriber Identity Module Application Programming Interface (SIM API); Service description; Stage 1	R2000	0.0.0		No	T3	-	DIETRICH, Christian	Schlumberger Industries	SANDERS, Michael	SMG9->T3@#31	.	(look in drafts directory)
	42.031	Fraud Information Gathering System (FIGS) Service description - Stage 1	R2000	0.0.0		No	S3	-	WRIGHT, Tim	BT	POPE, Maurice		.	(look in drafts directory)
	42.032	Immediate Service Termination (IST); Service description - Stage 1	R2000	0.0.0		No	S3	-	WRIGHT, Tim	BT	POPE, Maurice		.	(look in drafts directory)
	42.033	Lawful Interception - Stage 1	R2000	0.0.0		No	S3	-	MILES, David F.	BT Cellnet	POPE, Maurice		.	(look in drafts directory)
	42.048	Security mechanisms for the SIM Application Toolkit; Stage 1	R2000	0.0.0		No	T3	S3	BARNES, David	DTI - Department of Trade and Industry	SANDERS, Michael	SMG9->T3@#31	.	(look in drafts directory)
	42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	R2000	0.0.0		No	S1	-	GALLIGO, Michel	ALCATEL France	CLAYTON, Michael		.	(look in drafts directory)
TS	42.068	Voice Group Call Service (VGCS) - Stage 1	R2000	4.0.0		Yes	S1	-	GILES, Les	Global Crossing (UK) Telecommunications Ltd	CLAYTON, Michael		#32:9.0.0 (based on CR to 8.0.0)	ftp://ftp.3gp.org/Specs/2000-09/R2000/2_series/4068-400.zip
TS	42.069	Voice Broadcast Service (VBS) - Stage 1	R2000	4.0.0		Yes	S1	-	GILES, Les	Global Crossing (UK)	CLAYTON, Michael		#32:9.0.0 (based on CR to 8.0.0)	ftp://ftp.3gp.org/Specs/2000-

									Telecommunications Ltd				09/R2000/2_series/4069-400.zip
42.094	Follow Me Service description - Stage 1	R2000	0.0.0		No	S1	-	..,		CLAYTON, Michael		#28: 1.0.0 #30: 8.0.0	(look in drafts directory)
42.095	Digital cellular telecommunications system (Phase 2+); Support of Private Numbering Plan (SPNP); Service description, Stage 1	R2000	0.0.0		No	S1	-	..,		CLAYTON, Michael		.	(look in drafts directory)
43.001	Network Functions	R2000	0.0.0		No	S2	NP	GAASVIK, Per-Ola	COMVIQ GSM AB	SULTAN, Alain	SMG3->SA2 @ TSG#7	.	(look in drafts directory)
43.005	Technical Performance Objectives	R2000	0.0.0		No	NP	N	..,		BOSWARTHIC K, David		.	(look in drafts directory)
43.010	GSM Public Land Mobile Network (PLMN) Connection Types	R2000	0.0.0		No	N3	-	BRAUN, Achim	ALCATEL SEL AG	BOSWARTHIC K, David		#29: 8.0.0 TSG#6: 8.1.0	(look in drafts directory)
43.013	Discontinuous Reception (DRX) in the GSM System	R2000	0.0.0		No	GP	-	..,		USAI, Paolino		.	(look in drafts directory)
43.019	GSM API for SIM toolkit stage 2	R2000	0.0.0		No	T3	-	DIETRICH, Christian	Schlumberger Industries	SANDERS, Michael	SMG9->T3@#31	.	(look in drafts directory)
43.020	Security-related Network Functions	R2000	0.0.0		No	S3	NP / GP	GILBERT, Henri	France Telecom R&D	POPE, Maurice		#32:8.1.0	(look in drafts directory)
43.022	Functions Related to Mobile Station (MS) in Idle Mode	R2000	4.0.0		No	G2	N1	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert	Moved from SMG3 Jan 2000	#29: 8.0.0 #30: 8.1.0 #30bis: 8.2.0 eds 8.2.1 #31:8.3.0 GERAN#1:4.0.0	link not available a present
43.026	Multiband operation of GSM/DCS 1800 by a single operator	R2000	0.0.0		No	GP	NP	..,		USAI, Paolino		.	(look in drafts directory)
43.030	Radio Network Planning Aspects	R2000	4.0.0		No	GP	-	STEVENS, Peter John	One 2 one	USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 GERAN#1:4.0.0	link not available a present
43.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	R2000	0.0.0		No	S3	-	WRIGHT, Tim	BT	POPE, Maurice		.	(look in drafts directory)
43.033	Lawful Interception - stage 2	R2000	0.0.0		No	S3	-	MILES, David F.	BT Cellnet	POPE, Maurice		.	(look in drafts directory)
43.035	Immediate Service Termination (IST); Stage 2	R2000	0.0.0		No	S3	-	WRIGHT, Tim	BT	POPE, Maurice		.	(look in drafts directory)
43.045	Technical Realization of Facsimile Group 3 Service - transparent	R2000	0.0.0		No	N3	-	..,		BOSWARTHIC K, David		#29: 8.0.0	(look in drafts directory)
43.046	Technical Realization of Facsimile Group 3	R2000	0.0.0		No	N3	-	..,		BOSWARTHIC K, David		#29: 7.0.0 TSG#6: 8.0.0 (source Klehn)	(look in drafts directory)

		Service - non transparent												
	43.048	Security Mechanisms for SIM Toolkit Application - Stage 2	R2000	0.0.0		No	T3	-	BARNES, David	DTI - Department of Trade and Industry	SANDERS, Michael	SMG9->T3@#31	#29: 8.0.0 #30: 8.1.0 #31:8.2.0 TSG#8:8.3.0	(look in drafts directory)
	43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	R2000	0.0.0		No	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		#32:8.1.0	(look in drafts directory)
	43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface - Stage 2	R2000	0.0.0		No	GP	-	DESBLANCS, Philippe	ALCATEL France	USAI, Paolino		.	(look in drafts directory)
	43.053	Tandem Free Operation (TFO); Service description; Stage 2	R2000	0.0.0		No	S4	NP / S2	FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)	USAI, Paolino	Mar00: prime responsibility txfrd to SMG11	.	(look in drafts directory)
	43.056	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2	R2000	0.0.0		No	S2	-	ROBERTS, Martin	Nortel	SULTAN, Alain		.	(look in drafts directory)
	43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	R2000	0.0.0		No	S4	-	MONFORT, Jean-Yves	France Telecom R&D	USAI, Paolino		.	(look in drafts directory)
	43.059	Location services (LCS) GERAN; Stage 2	R2000	0.0.1		No	GP	-	LIVINGSTON, Margaret	NOKIA Corporation	USAI, Paolino			(look in drafts directory)
	43.059	Location services (LCS) GERAN; Stage 2	R2000	0.0.2		No	GP	-	LIVINGSTON, Margaret	NOKIA Corporation	USAI, Paolino			(look in drafts directory)
	43.063	Packet Data on Signalling channels service (PDS) Service description, Stage 21	R2000	0.0.0		No	N1	-	JACOBSON, Dieter	Deutsche Telekom MobilNet GmbH	AL -BAKRI, Ban		#31: 8.0.0	(look in drafts directory)
	43.064	Overall description of the GPRS radio interface; Stage 2	R2000	0.0.0		No	G2	-	..,		THOMASEN, Gert		#29: 8.0.0 #30: 8.1.0 #30b:8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0	(look in drafts directory)
TS	43.068	Voice Group Call Service (VGCS); Stage 2	R2000	0.0.0		No	N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		#31: 8.0.0 TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0	(look in drafts directory)
TS	43.068	Voice Group Call Service (VGCS); Stage 2	R2000	4.0.0		Yes	N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		#32:9.0.0 TSG#8:9.0.0	ftp://ftp.3gp.org/Specs/2000-09/R2000/3_series/4068-400.zip
TS	43.069	Voice Broadcast service (VBS); Stage 2	R2000	4.0.0		Yes	N1	-	MÜNNING, Dirk	DETECON GMBH	AL -BAKRI, Ban		#32:9.0.0 TSG#8:9.0.0	ftp://ftp.3gp.org/Specs/2000-09/R2000/3_series/4069-400.zip

	43.071	Location services (LCS); Stage 2	R2000	0.0.0		No	S2	-	BROOK, Richard	SAMSUNG Electronics Research Institute	SULTAN, Alain		Need identified at TSG#7, since 23.171 does not cover GSM.	(look in drafts directory)
	44.001	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	R2000	0.0.0		No	N1	-	AVELINE, Sophie	France Telecom R&D	AL -BAKRI, Ban		#31: 8.0.0	(look in drafts directory)
	44.003	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	R2000	0.0.0		No	G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#30: 8.0.0	(look in drafts directory)
	44.004	Layer 1 - General Requirements	R2000	0.0.0		No	G2	-	THOMAS, Rémi	France Telecom R&D	THOMASEN, Gert		#30: 8.0.0 #30b: 8.1.0	(look in drafts directory)
	44.005	Data Link (DL) Layer General Aspects	R2000	0.0.0		No	G2	-	..,		THOMASEN, Gert		.	(look in drafts directory)
	44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	R2000	0.0.0		No	G2	-	..,		THOMASEN, Gert		.	(look in drafts directory)
	44.008	Mobile Radio Interface - Layer 3 Specification	R2000	0.0.0		No	N	G2	HOWELL, Andrew	MOTOROLA Ltd		04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)	#29: 8.0.0 but perhaps this should not have been created! (24.008 instead)	(look in drafts directory)
	44.013	Performance Requirements on Mobile Radio Interface	R2000	0.0.0		No	N1	-	MILLS, Duncan	VODAFONE Group Plc	AL -BAKRI, Ban		#31: 8.0.0	(look in drafts directory)
	44.014	Individual equipment type requirements and interworking; Special conformance testing functions	R2000	0.0.0		No	G2	-	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert		#32:8.1.0	(look in drafts directory)
TS	44.018	Mobile Radio Interface - Layer 3 Specification RR part	R2000	4.0.0		No	G2	-	HOWELL, Andrew	MOTOROLA Ltd	THOMASEN, Gert		#32:9.0.0 MCC-converted Aug00:4.0.0 GERAN#1	link not available a present
	44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	R2000	0.0.0		No	N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHIC K, David		#29: 8.0.0 TSG#8:8.1.0	(look in drafts directory)
	44.031	Location Services LCS RR LCS Protocol	R2000	0.0.0		No	G2	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert		.	(look in drafts directory)
	44.035	Location Services LCS Stage 3 E-OTD Enhanced Observed	R2000	0.0.0		No	G2	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert		.	(look in drafts directory)

	44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	R2000	0.0.0		No	N1	-	HUPPERICH, Peter	ALCATEL SEL AG	AL -BAKRI, Ban		#31: 8.0.0	(look in drafts directory)
	44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	R2000	0.0.0		No	N1	-	HUPPERICH, Peter	ALCATEL SEL AG	AL -BAKRI, Ban		#31: 8.0.0	(look in drafts directory)
	44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	R2000	0.0.0		No	G2	-	...		THOMASEN, Gert		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0	(look in drafts directory)
	44.063	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	R2000	0.0.0		No	N1	-	JACOBSON, Dieter	Deutsche Telekom MobilNet GmbH	AL -BAKRI, Ban		#31: 8.0.0	(look in drafts directory)
	44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	R2000	0.0.0		No	N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban		#29: 8.0.0 #30: 8.1.0 post-TSG#6:8.2.0 #31:8.3.0 TSG#8:8.4.0	(look in drafts directory)
	44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP)	R2000	0.0.0		No	N1	-	SALKINTZIS, Apostolis	MOTOROLA GmbH	AL -BAKRI, Ban	24.065 exists, but will be scrapped for R99.	#31: 8.0.0	(look in drafts directory)
TS	44.068	Group Call Control (GCC) Protocol	R2000	4.0.0		Yes	N1	-	...		AL -BAKRI, Ban		#32:9.0.0 TSG#8:9.0.0	ftp://ftp.3gpp.org/Specs/2000-09/R2000/4_series/4_068-400.zip
TS	44.069	Broadcast Call Control (BCC) protocol	R2000	4.0.0		Yes	N1	-	...		AL -BAKRI, Ban		TSG#8:9.0	ftp://ftp.3gpp.org/Specs/2000-09/R2000/4_series/4_069-400.zip
	44.071	Location services (LCS) stage 3	R2000	0.0.0		No	G2	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert	Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.	#32:8.1.0	(look in drafts directory)
	45.001	Physical Layer on the Radio Path (General Description)	R2000	4.0.0		No	GP	-	ANDERSEN, Niels Peter Skov	MOTOROLA A/S	USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b:8.2.0 #31:8.3.0 #32:8.4.0 GERAN#1:4.0.0	link not available a present

45.002	Multiplexing and Multiple Access on the Radio Path	R2000	4.0.0		No	GP	-	..,		USAI, Paolino		#29: 8.0.1 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:4.0.0	link not available a present
45.003	Channel Coding	R2000	0.0.0		No	GP	-	..,		USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0	(look in drafts directory)
45.004	Modulation	R2000	0.0.0		No	GP	-	REINER, Michaël	AEG Mobile Communications GmbH (AMC)	USAI, Paolino		#28: 8.0.0 #30b 8.1.0	(look in drafts directory)
45.005	Radio Transmission and Reception	R2000	0.0.0		No	GP	-	CHARLES, Jean Pierre	France Telecom R&D	USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.4.0 #32:8.5.0	(look in drafts directory)
45.008	Radio Subsystem Link Control	R2000	4.0.0		No	GP	-	WHITE, Phil	VODAFONE Group Plc	USAI, Paolino		#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:4.0.0	link not available a present
45.009	Link Adaptation	R2000	0.0.0		No	GP	-	..,		USAI, Paolino		#31:8.0.0 #32:8.1.0	(look in drafts directory)
45.010	Radio Subsystem Synchronization	R2000	0.0.0		No	GP	-	BENN, Howard	MOTOROLA Ltd	USAI, Paolino		#30: 8.0.0 #30b: 8.1.0 #31:8.2.0 #31b:8.2.0 #32:8.4.0	(look in drafts directory)
45.022	Radio link management in hierarchical networks	R2000	0.0.0		No	GP	-	..,		USAI, Paolino		.	(look in drafts directory)
45.050	Background for RF Requirements	R2000	0.0.0		No	GP	-	..,		USAI, Paolino		#30: 8.0.0 #31:8.1.0 #31b:8.2.0	(look in drafts directory)
45.056	CTS-FP Radio Sub-system	R2000	0.0.0		No	GP	-	..,		USAI, Paolino		.	(look in drafts directory)
46.001	Full Rate Speech Processing Functions	R2000	0.0.0		No	S4	-	USAI, Paolino	ETSI Secretariat	USAI, Paolino		.	(look in drafts directory)
46.002	Half Rate Speech Processing Functions	R2000	0.0.0		No	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	(look in drafts directory)
46.006	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	R2000	0.0.0		No	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	(look in drafts directory)
46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	R2000	0.0.0		No	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	(look in drafts directory)
46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	R2000	0.0.0		No	S4	-	SALEM, Tarek	Deutsche Telekom MobilNet GmbH	USAI, Paolino		.	(look in drafts directory)
46.010	Full Rate Speech Transcoding	R2000	0.0.0		No	S4	-	LORENZ, Dietmar	PHILIPS Semiconductors	USAI, Paolino		#32:8.1.0	(look in drafts directory)
46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels	R2000	0.0.0		No	S4	-	NAVARRO, William	NORTEL NETWORKS (EUROPE)	USAI, Paolino		.	(look in drafts directory)
46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels	R2000	0.0.0		No	S4	-	SERENO, Daniele	TELECOM ITALIA S.p.A.	USAI, Paolino		.	(look in drafts directory)
46.020	Half Rate Speech	R2000	0.0.0		No	S4	-	AFTELAK, Steve	MOTOROLA Ltd	USAI, Paolino		.	(look in drafts directory)



	46.077	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder	R2000	0.0.0		No	S4	-	..,		USAI, Paolino		#32:8.0.0	(look in drafts directory)
	46.078	Results of the AMR noise suppression selection phase	R2000	0.0.0		No	S4	-	..,		USAI, Paolino		#32:8.0.0	(look in drafts directory)
	46.081	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	R2000	0.0.0		No	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		.	(look in drafts directory)
	46.082	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels	R2000	0.0.0		No	S4	-	JÄRVINEN, Kari	NOKIA Corporation	USAI, Paolino		.	(look in drafts directory)
	46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	R2000	0.0.0		No	S4	-	..,		USAI, Paolino		.	(look in drafts directory)
	48.001	General Aspects on the BSS-MSC Interface	R2000	0.0.0		No	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		.	(look in drafts directory)
	48.002	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	R2000	0.0.0		No	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		.	(look in drafts directory)
	48.004	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	R2000	0.0.0		No	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		.	(look in drafts directory)
	48.006	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	R2000	0.0.0		No	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		.	(look in drafts directory)
TS	48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	R2000	4.1.0		No	G2	-	DAVIES, Rob	Philips Research Laboratories	THOMASEN, Gert		#32:9.0.0 MCC-converted Aug00:4.0.0 GERAN#1:4.1.0	link not available a present
	48.014	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	R2000	0.0.0		No	G2	-	..,		THOMASEN, Gert		.	(look in drafts directory)



48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	R2000	0.0.0		No	G2	-	..,		THOMASEN, Gert		.	(look in drafts directory)
48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	R2000	0.0.0		No	G2	-	..,		THOMASEN, Gert		#30: 8.0.0 #30b: 8.1.0 #31:8.2.0 #31b:8.3.0	(look in drafts directory)
48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	R2000	0.0.0		No	N3	-	RÄSÄNEN, Juha	NOKIA Corporation	BOSWARTHIC K, David		#29: 8.0.0 #30: 8.1.0	(look in drafts directory)
48.031	Location Services LCS SMLC Peer Protocol (SMLCPP)	R2000	0.0.0		No	G2	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert		.	(look in drafts directory)
48.051	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects	R2000	0.0.0		No	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		.	(look in drafts directory)
48.052	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles	R2000	0.0.0		No	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		.	(look in drafts directory)
48.054	BSC-BTS : Layer 1 Structure of Physical Circuits	R2000	0.0.0		No	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		.	(look in drafts directory)
48.056	BSC-BTS Layer 2 Specification	R2000	0.0.0		No	G2	-	ANDERSEN, Harald	ERICSSON TELECOM	THOMASEN, Gert		.	(look in drafts directory)
48.058	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification	R2000	0.0.0		No	G2	-	LYCKSELL, Edgar	TELIA AB	THOMASEN, Gert		#29: 8.0.0 #30: 8.1.0 #30: 8.2.0 #31:8.3.0 #31b:8.4.0	(look in drafts directory)
48.060	Inband Control of Remote Transcoders and Rate Adaptors forEFR/FR	R2000	0.0.0		No	GP	-	..,		USAI, Paolino		#30: 8.0.1 #30b: 8.1.0	(look in drafts directory)
48.061	Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)	R2000	0.0.0		No	GP	NP	JACOB, Petra	SIEMENS AG	USAI, Paolino		.	(look in drafts directory)
48.062	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	R2000	0.0.0		No	S4	-	..,		USAI, Paolino	SMG11->S4 at SMG#30	.	(look in drafts directory)
48.071	Location services (LCS) SMLC-BSS intface L 3	R2000	0.0.0		No	G2	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert		.	(look in drafts directory)

	49.001	General Network Interworking Scenarios	R2000	0.0.0		No	N4	-	..,		SETTIMO, Franco		.	(look in drafts directory)
	49.008	Application of the Base Station System Application Part (BSSAP) on the E-Interface	R2000	0.0.0		No	N1	-	JORGENSEN, Per Johan	ERICSSON L.M. Telefonaktiebolaget	AL -BAKRI, Ban		#31: 8.0.0	(look in drafts directory)
	49.031	Location Services LCS Extension (BSSAP-LE)	R2000	0.0.0		No	G2	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	THOMASEN, Gert		#32:8.2.0	(look in drafts directory)
	50.020	Lawful Interception requirements for GSM	R2000	0.0.0		No	S3	-	..,		POPE, Maurice		.	(look in drafts directory)
	50.056	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1	R2000	0.0.0		No	S2	-	GALLIGO, Michel	ALCATEL France	SULTAN, Alain		.	(look in drafts directory)
	50.059	Project scheduling and open issues for EDGE	R2000	0.0.0		No	GP	-	MUELLER, Frank	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino		May00: 1.23.0 ("final" version) #32:8.0.0 (1.23.0)	(look in drafts directory)
	50.068	Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS)	R2000	0.0.0		No	S2	-	VAN DER AREND, Peter	KPN - Koninklijke PTT Nederland NV	SULTAN, Alain		.	(look in drafts directory)
	50.089	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;	R2000	0.0.0		No	GP	-	ISAACS, Ken	SIEMENS AG	USAI, Paolino		0.0.5 appeared 19-apr-00	(look in drafts directory)
TS	51.010-1	Conformance Specification	R2000	4.0.1		Yes	G4	S1 / GP / NP / T2 / SCP	..,		SALMERON, Lidia		#32:9.0.0 MCC-converted Aug00:4.0.1	ftp://ftp.3gp.org/Specs/2000-09/R2000/1_series/51010-1-401.zip
TS	51.010-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	R2000	0.0.0		No	T1	-	HU, Shicheng	ETSI Secretariat	SALMERON, Lidia	STF		(look in drafts directory)
TS	51.010-3	Layer3 (L3) Abstract Test Suite (ATS)	R2000	4.0.0		Yes	G4	S1 / GP / NP / T2 / SCP	..,		SALMERON, Lidia		Tdoc 7-00-276; P-00-266 #32:9.0.0	ftp://ftp.3gp.org/Specs/2000-09/R2000/1_series/51010-3-400.zip
	51.011	Specification of the Subscriber Identity	R2000	0.0.0		No	T3	-	VEDDER, Klaus	GIESECKE & DEVRIENT	SANDERS, Michael		#29: 8.0.0 #30: 8.1.0 #31:8.2.0 #32:8.3.0	(look in drafts directory)

		Module - Mobile Equipment (SIM-ME) Interface							GmbH					
51.014		Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit	R2000	0.0.0		No	T3	-	WOODSEND, Kristian	ASPECTS Software Ltd	SANDERS, Michael		#29: 8.0.0 #30: 8.1.0 #31:8.2.0 #32:8.3.0	(look in drafts directory)
51.018		Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface	R2000	0.0.0		No	T3	-	LINDHOLM, Rune	NOKIA MOBILE PHONES	SANDERS, Michael		.	(look in drafts directory)
51.021		GSM Radio Aspects Base Station System Equipment Specification	R2000	0.0.0		No	GP	-	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino		#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #30b: 8.0.0 #31:8.1.0 #31b:8.1.0 #32:8.3.0	(look in drafts directory)
51.026		GSM Repeater Equipment Specification	R2000	0.0.0		No	GP	-	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	USAI, Paolino		#31b:8.0.0 (based on 5.2.1)	(look in drafts directory)
52.003		Security Management	R2000	0.0.0		No	S5	S1 / NP	..,		ZOICAS, Adrian		.	(look in drafts directory)
52.004		Performance Management and Measurements for a GSM Public Land Mobile Network (PLMN)	R2000	0.0.0		No	S5	S1 / NP	..,		ZOICAS, Adrian		.	(look in drafts directory)
52.071		Location Services (LCS); Location services management	R2000	0.0.0		No	S5	-	DOSHI, Sonia	NORTEL NETWORKS (EUROPE)	ZOICAS, Adrian		TSG#8:8.0.0 (2.0.1)	(look in drafts directory)
53.021		Base station systems and repeater equipment covering essential requirements under article 3.2 of the R&TTE directive	R2000	0.0.0		No	MSG	GP	BUSIN, Ake	ERICSSON L.M. Telefonaktiebolaget	GUTIERREZ MIGUELEZ, Cesar	Harmonized standard	No R99 impact. But #32 reinstated. #32:8.0.0	(look in drafts directory)
TBR 5		General Attachment Requirements for GSM Mobile Stations	Ph1	Ed2		Yes	MSG	-	FREEMAN, David	MOTOROLA	GUTIERREZ MIGUELEZ, Cesar		#4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2 (v3.1.0)	ftp://ftp.3gp.org/Specs/2000-09/Ph1/TB_series/TB5-E2.zip
TBR 9		Attachment Requirements for GSM Terminal Equipment (Telephony)	Ph1	Ed2		Yes	MSG	-	FREEMAN, David	MOTOROLA	GUTIERREZ MIGUELEZ, Cesar		#4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2	ftp://ftp.3gp.org/Specs/2000-09/Ph1/TB_series/TB9-E2.zip
TBR19		General Attachment Requirements for GSM Mobile Stations	Ph2	4.5.0		No	MSG	-	..,		GUTIERREZ MIGUELEZ, Cesar		#14: Ed1 #16: 4.0.0 #17: 4.1.0 #18: 4.2.0 #21: 4.2.1 #22: 4.3.0 #24: 4.4.0 #29: 4.5.0	link not available a present
TBR20		Attachment Requirements for GSM	Ph2	4.0.2		Yes	MSG	-	..,		GUTIERREZ MIGUELEZ,		#14: Ed1 #16: 4.0.0 #17: 4.0.1 Feb97: 4.0.2	ftp://ftp.3gp.org/Specs/2000-

		Terminal Equipment (Telephony)									Cesar			09/Ph2/TB_series/TB20-402.zip
	TBR31	General Attachment Requirements for DCS Mobile Stations	Ph2	4.1.0		Yes	MSG	-	..,		GUTIERREZ MIGUELEZ, Cesar		#17: 4.0.0 May99: 4.1.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/TB_series/TB31-410.zip
	TBR32	Attachment Requirements for DCS Terminal Equipment (Telephony)	Ph2	4.0.2		Yes	MSG	-	..,		GUTIERREZ MIGUELEZ, Cesar		#17: 4.0.0	ftp://ftp.3gp.org/Specs/2000-09/Ph2/TB_series/TB32-402.zip