TSGS#7(00)0079

Technical Specification Group Services and System Aspects Meeting #7, Madrid, Spain, 15-17 March 2000

Source:	MCC john.meredith@etsi.fr
Title:	Specification status list prior to meeting number 7
Document for:	Information
Agenda Item:	7.1

The status list which follows is available in PDF only.

12 March 2000

			TSG/WG	editor	available
S 21.101 v 2.3.0 Release 1999	3rd Generation mobile syster Specifications	n Release 1999	S	John M Meredith	✓
lanned / chieved: Mar 00	general remarks:				
chieved: Mai 00	version-specific remarks:	Aprvl by e-mail post TSG#6: 2		nments: 2.2.0	
S <b>21.111</b> v 3.0.1	USIM and IC card requireme	nts	Т3	Günter Maringer	$\checkmark$
lanned / Release 1999 chieved: April 99	general remarks: version-specific remarks:				
S <b>21.133</b> v 3.1.0	Security Threats and Require	ements	S3	Per Christoffersson	✓
lanned / <b>Release 1999</b> chieved: April 99	general remarks: version-specific remarks:				
R <b>21.900</b> v 3.2.0	3GPP Working methods		S		$\checkmark$
lanned / <b>Release 1999</b> chieved: April 99	general remarks: version-specific remarks:	CR at TSG#5			
R <b>21.904</b> v 1.1.0	UE Capability Requirements	(UCR)	T2	Craig Bishop	$\checkmark$
lanned / Release 1999	general remarks:				
chieved: Mar 00	version-specific remarks:	TSG-T#7 is the new target for	approval	as part of R99	
R <b>21.905</b> v 1.0.0	3G Vocabulary		S1	Michele Zarri	$\checkmark$
lanned / Release 1999	general remarks:				
chieved: Mar 00	version-specific remarks:				
R <b>21.910</b> v 1.3.2	Multi-mode UE issues		T2	Sofi Persson	$\checkmark$
lanned / Release 1999	general remarks:				
chieved: Mar 00	version-specific remarks:	TSG-T#7 is the new target for	approval	as part of R99	
R 21.978 v 2.1.0 Release 1999	Feasibility Technical Report - Services	- CAMEL Control of VoIP	N2A	David Smith	$\checkmark$
lanned / chieved: Mar 00	general remarks: version-specific remarks:	Not approved N#6.			
S 22.001 v 3.1.1 Release 1999	Principles of CircuitTelecomr Supported by a Public Land		S1	Tommi Kokkola	$\checkmark$
lanned /	general remarks:	Transfer>TSG#5			
chieved:	version-specific remarks:	Transfer>TSG#5			
S 22.002 v 3.2.0	Circuit Bearer Services Supp	orted by a PLMN	S1	Paul Carpenter	$\checkmark$
lanned / <b>Release 1999</b> chieved: Oct 99	general remarks: version-specific remarks:	Transfer>TSG#4,CR at TSG#4	5		
S 22.003 v 3.1.0 Release 1999	Circuit Teleservices supporte Network (PLMN)		S1	Tommi Kokkola	
lanned / chieved:	general remarks:	Transfer>TSG#5			
	version-specific remarks:	Transfer>TSG#5, CR@TSG#6			
S 22.004 v 3.1.0	General on Supplementary S	Services	S1	Paul Carpenter	$\checkmark$
lanned / Release 1999	general remarks:	Transfer>TSG#4,CR at TSG#	5		
chieved: Oct 99	version-specific remarks:	CR@TSG#6			
S 22.011 v 3.1.0	Service accessibility		S1	Jean-Paul Gallaire	$\checkmark$
lanned / Release 1999 chieved: Oct 99	general remarks: version-specific remarks:	Transfer>TSG#4,CR at TSG#4	5		
S <b>22.016</b> v 3.1.0	International Mobile Equipme	ent Identities (IMEI)	S1	Tommi Kokkola	$\checkmark$
anned / Release 1999	general remarks:	Transfer>TSG#4,CR at TSG#4	5		
chieved: Oct 99	version-specific remarks:				
S 22.022 v 3.0.1 Release 1999	Personalisation of GSM ME I specification - Stage 1	Mobile functionality	S3		✓
lanned / chieved: Oct 99	general remarks:	Transfer>TSG#4,CR at TSG#4	5		
	version-specific remarks:		<u>.</u>		
S         22.024         v 3.0.1           blanned /         Release 1999	Description of Charge Advice	e Information (CAI)	S1	Paul Dwyer	$\checkmark$
	general remarks:	Transfer>TSG#4,CR at TSG#	-		

		TSG/WG	editor	available
TS <b>22.030</b> v 3.2.0	Man-Machine Interface (MMI) of the Mobile Station (MS)	S1	Annukka Toivanen	$\checkmark$
planned / <b>Release 1999</b> achieved: Oct 99	general remarks: Transfer>TSG#4,CR at TSG version-specific remarks:	G#5		
TS <b>22.034</b> v 3.1.0	High Speed Circuit Switched Data (HSCSD) - Stage 1	S1	Tommi Kokkola	$\checkmark$
planned / <b>Release 1999</b> achieved: Oct 99	general remarks: Transfer>TSG#4,CR at TSG version-specific remarks:	G#5		
TS <b>22.038</b> v 3.0.0	SIM application toolkit (SAT); Stage 1	S1	Bill Robinson	$\checkmark$
planned / <b>Release 1999</b> achieved: Oct 99	general remarks: Transfer>TSG#4 version-specific remarks:			
TS <b>22.041</b> v 3.1.0	Operator Determined Call Barring	S1	Paul Dwyer	$\checkmark$
blanned / <b>Release 1999</b> achieved: Oct 99	general remarks: Transfer>TSG#4,CR at TSG version-specific remarks:	G#5		
TS <b>22.042</b> v 3.0.1	Network Identity and Time Zone (NITZ), stage 1	S1	Mikael Dahlkvist	$\checkmark$
planned / <b>Release 1999</b> achieved: Oct 99	general remarks: Transfer>TSG#4,CR at TSC version-specific remarks: CR to 3.0.1 not aprvd.	G#5		
TS <b>22.043</b> v 3.0.1	Support of Localised Service Area (SoLSA) - Stage 1	S1	Tommi Kokkola	$\checkmark$
planned / <b>Release 1999</b> achieved: Oct 99	general remarks: Transfer>TSG#4,CR at TSG version-specific remarks:	G#5		
TS 22.053 v 0.1.1 Release 2000	Tandem Free Operation of speech codecs; Stage 1 service description	S4		$\checkmark$
planned / achieved: tbd	general remarks: Transfer>TSG#4 version-specific remarks:			
TS 22.057 v 3.0.1 Release 1999	Mobile Station Application Execution Environment (MExE); Stage 1	S1	Mark Cataldo	$\checkmark$
blanned / achieved: Oct 99	general remarks: Transfer>TSG#4,CR at TSG version-specific remarks:	G#5		
TS <b>22.060</b> v 3.2.0	General Packet Radio Service (GPRS); Stage 1	S1	Paul Carpenter	$\checkmark$
blanned / <b>Release 1999</b> achieved: Oct 99	general remarks: Transfer>TSG#4,CR at TSG version-specific remarks:	G#5		
TS <b>22.066</b> v 3.0.1	Support of Mobile Number Portability (MNP); Stage 1	S1		$\checkmark$
blanned / <b>Release 1999</b> achieved: Oct 99	general remarks: Transfer>TSG#4,CR at TSG version-specific remarks:	G#5		
TS 22.067 v 3.0.1 Release 1999	enhanced Multi-Level Precedence and Pre-emption service (eMLPP) - Stage 1	S1	Joerg Swetina	$\checkmark$
blanned / achieved: Oct 99	general remarks: Transfer>TSG#4,CR at TSG version-specific remarks:	G#5		
rs <b>22.071</b> v 3.2.0	Location Services (LCS); Stage 1 (T1P1)	S1	Randolph Wholert	$\checkmark$
blanned / <b>Release 1999</b> achieved: Oct 99	general remarks: Transfer>TSG#4,CR at TSG version-specific remarks:	G#5		
rs <b>22.072</b> v 3.0.1	Call Deflection (CD); Stage 1	S1	Horst Rauch	$\checkmark$
blanned / <b>Release 1999</b> achieved: Oct 99	general remarks: Transfer>TSG#4,CR at TSG	G#5		
TS 22.078 v 3.2.0	CAMEL; Stage 1	S1	Michel Grech	$\checkmark$
blanned / <b>Release 1999</b> achieved: Oct 99	general remarks: Transfer>TSG#4,CR at TSG version-specific remarks:	G#5		
rs <b>22.079</b> v 3.0.1	Support of Optimal Routing; Stage 1	S1		$\checkmark$
blanned / <b>Release 1999</b> achieved: Oct 99	general remarks: Transfer>TSG#4,CR at TSG version-specific remarks:	G#5		
TS <b>22.081</b> v 3.1.0	Line Identification Supplementary Services; Stage 1	S1	Thomas Ahnberg	$\checkmark$
planned / <b>Release 1999</b> achieved: Oct 99	general remarks: Transfer>TSG#4,CR at TSG version-specific remarks:	G#5		

		TSG/WG	editor	available
S 22.082 v 3.0.1	Call Forwarding (CF) Supplementary Services; St	age 1 S1	Jean Paul Gallaire	$\checkmark$
lanned / <b>Release 1999</b> achieved: Oct 99	general remarks: Transfer>TSG#4,Co version-specific remarks:	R at TSG#5		
S 22.083 v 3.0.1 Release 1999	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1	S1		$\checkmark$
lanned / chieved: Oct 99	general remarks: Transfer>TSG#4,Co version-specific remarks:	R at TSG#5		
S 22.084 v 3.0.1	MultiParty (MPTY) Supplementary Service; Stage	1 S1		$\checkmark$
lanned / <b>Release 1999</b> chieved: Oct 99	general remarks: Transfer>TSG#4,Co version-specific remarks:	R at TSG#5		
S 22.085 v 3.1.0 Release 1999	Closed User Group (CUG) Supplementary Service Stage 1	es; S1		$\checkmark$
lanned / ichieved: Oct 99	general remarks: Transfer>TSG#4,Co version-specific remarks:	R at TSG#5		
S 22.086 v 3.1.0 Release 1999	Advice of Charge (AoC) Supplementary Services; 1	Stage S1	Paul Dwyer	✓
olanned / achieved: Oct 99	general remarks: Transfer>TSG#4,Co version-specific remarks: #5: 3.1.0	R at TSG#5		
S 22.087 v 3.1.0	User-to-user signalling (UUS); Stage 1	S1	Christian Braden	$\checkmark$
lanned / <b>Release 1999</b> chieved: Oct 99	general remarks: Transfer>TSG#4,Co version-specific remarks: #5: 3.0.1, but should 22.086.		include a CR wrongly	attributed t
S 22.088 v 3.0.1	Call Barring (CB) Supplementary Services; Stage	1 S1		$\checkmark$
lanned / <b>Release 1999</b> chieved: Oct 99	general remarks: Transfer>TSG#4,Ca version-specific remarks:	R at TSG#5		
S 22.090 v 3.0.1 Release 1999	Unstructured Supplementary Service Data (USSE Stage 1	D); S1	Tommi Kokkola	$\checkmark$
lanned / chieved: Oct 99	general remarks: Transfer>TSG#4,Co version-specific remarks:	R at TSG#5		
S 22.091 v 3.0.1 Release 1999	Explicit Call Transfer (ECT) Supplementary Service Stage 1	ce; S1		$\checkmark$
lanned / chieved: Oct 99	general remarks: Transfer>TSG#4,Co version-specific remarks:	R at TSG#5		
S 22.093 v 3.0.1	Call Completion to Busy Subscriber (CCBS); Stag	ge 1 S1		$\checkmark$
lanned / <b>Release 1999</b> chieved: Oct 99	general remarks: Transfer>TSG#4,Co version-specific remarks:	R at TSG#5		
S 22.094 v 3.1.0	Follow Me Stage 1	S1		$\checkmark$
lanned / <b>Release 1999</b> chieved: Dec 99	general remarks: Transfer>TSG#4. G version-specific remarks: Transfer>TSG#6	SM only @TSG#5		
S 22.096 v 3.0.1	Calling Name Presentation (CNAP); Stage 1 (T1F	°1) S1		$\checkmark$
lanned / <b>Release 1999</b> chieved: Oct 99	general remarks: Transfer>TSG#4,Co version-specific remarks:	R at TSG#5		
S 22.097 v 3.1.0	Multiple Subscriber Profile (MSP); Stage 1	S1	Paul Dwyer	$\checkmark$
lanned / <b>Release 1999</b> chieved: Oct 99	general remarks: Transfer>TSG#4,Co version-specific remarks:	R at TSG#5		
S <b>22.100</b> v 3.5.0	UMTS Phase 1	S1	Jean-Paul Gallaire	$\checkmark$
lanned / <b>Release 1999</b> chieved: April 99	general remarks: CR at TSG#4, CR a version-specific remarks: CR@TSG#6; 3.7.0 3.5.0 is the good ve	awaiting attention fro	om MCC expert; who la	ater says
TS <b>22.101</b> v 3.8.0	UMTS Service principles	S1	Paul Dwyer	$\checkmark$
blanned / <b>Release 1999</b> achieved: April 99	general remarks: CR at TSG#4, CR a version-specific remarks:	at TSG#5		

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		TSG/WG	editor	available
TS <b>22.105</b> v 3.7.0	Services & Service capabilities	S1	Wayne Ashwell	$\checkmark$
lanned / Release 1999 chieved: April 99	general remarks: CR at TSG#4, CR at version-specific remarks:	TSG#5		
S 22.115 v 3.2.0	Service Aspects Charging and billing	S1	Emanuele Montegross	✓
lanned / <b>Release 1999</b> chieved: April 99	general remarks: CR at TSG#5? version-specific remarks:			
S 22.121 v 3.1.0	Provision of Services in UMTS - The Virtual Home	S1	Jumoke Ogunbekum	$\checkmark$
Release 1999	Environment			
lanned / chieved: June 99	general remarks: CR at TSG#5? version-specific remarks:			
S 22.129 v 3.2.0 Release 1999	Handover Requirements between UMTS and GSM other Radio Systems	or S1	Nick Samson	$\checkmark$
lanned /	general remarks: CR at TSG#5?			
chieved: April 99	version-specific remarks:			
S <b>22.135</b> v 3.1.0	Multicall Stage 1	S1	Tommi Kokkola	$\checkmark$
lanned / <b>Release 1999</b> chieved: Dec 99	general remarks: version-specific remarks:			
S 22.140 v 3.0.0	Multimedia Messaging Service Stage 1	S1	Gunnar Schmidt	$\checkmark$
lanned / <b>Release 1999</b> chieved: Dec 99	general remarks: (development in T2) version-specific remarks:			
R 22.945 v 3.0.0	Study of provision of fax service in GSM and UMTS	T2/SM	Eric Colban	$\checkmark$
lanned / <b>Release 1999</b> chieved: Oct 99	general remarks: version-specific remarks:			
R <b>22.960</b> v 3.0.1	Mobile multimedia services	S1	Thomas Ahnberg	✓
lanned / <b>Release 1999</b> chieved: April 99	general remarks: version-specific remarks:		0	
R <b>22.971</b> v 3.1.1	Automatic establishment of roaming relationships	S1	Emanuele Montegross	~
lanned / Release 1999	general remarks:			_
chieved: April 99	version-specific remarks:			
R 22.975 v 3.1.0	Advanced addressing	S1	Stephan Kleier	$\checkmark$
lanned / <b>Release 1999</b> chieved: April 99	general remarks: CR at TSG#5 version-specific remarks:			
R <b>22.976</b> v 0.0.0	Study on PS domain services and capabilities	S1	Marc Cataldo	
lanned / <b>Release 2000</b> chieved: Dec 00	general remarks: Created Jan-00 version-specific remarks:			
S 23.002 v 3.2.0	Network Architecture	S2	Alain Sultan	$\checkmark$
lanned / Release 1999	general remarks: Transfer>TSG#4,CR a	at TSG#5		
chieved: Oct 99	version-specific remarks: Open issues to be fin			
S 23.003 v 3.3.0	Numbering, Addressing and Identification	N2B		$\checkmark$
anned / Release 1999	general remarks: CR at TSG#4,CR at T	SG#5		
chieved: April 99	version-specific remarks:			
S 23.007 v 3.2.0	Restoration procedures	N2B		$\checkmark$
lanned / Release 1999	general remarks: CR at TSG#4			
chieved: April 99	version-specific remarks:			
S 23.008 v 3.2.0	Organisation of subscriber data	N2B		$\checkmark$
lanned / Release 1999	general remarks: CR at TSG#5			
chieved: April 99	version-specific remarks:			
S 23.009 v 3.1.0	Handover procedures	N1		$\checkmark$
lanned / Release 1999	general remarks:			
chieved: April 99	version-specific remarks:			

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_		TSG/WG	editor	available
TS 23.011 v 3.0.0 Release 1999	Technical Realization of Supplementary Services - General Aspects	NSS		$\checkmark$
lanned / ichieved: April 99	general remarks: version-specific remarks:			
S 23.012 v 3.1.0	Location management procedures	N2B		$\checkmark$
lanned / Release 1999 Ichieved: April 99	general remarks: version-specific remarks:			
S 23.014 v 3.1.0	Support of Dual Tone Multi Frequency (DTMF) signallin	g N1		$\checkmark$
lanned / <b>Release 1999</b> chieved: April 99	general remarks: Should not be in UMTS ? version-specific remarks:	????		
S 23.015 v 3.1.0 Release 1999	Technical realisation of Operator Determined Barring (ODB)	N2B	Ian Park	$\checkmark$
blanned / achieved: April 99	general remarks: CR at TSG#4 version-specific remarks:			
S 23.016 v 3.3.0	Subscriber data management - Stage 2	N2B		$\checkmark$
blanned / Release 1999 achieved: April 99	general remarks: CR at TSG#4,CR at TSG version-specific remarks:	#5		
rs <b>23.018</b> v 3.3.0	Basic Call Handling - Technical realisation	N2B	lan Park	$\checkmark$
blanned / Release 1999 achieved: April 99	general remarks: CR at TSG#4,CR at TSG version-specific remarks:	#5		
S 23.032 v 3.0.0	Universal Geographical Area Description (GAD)	S2		$\checkmark$
lanned / Release 1999 chieved: April 99	general remarks: S2 responsibility? version-specific remarks:			
S 23.034 v 3.1.1	High Speed Circuit Switched Data (HSCSD) - Stage 2	N1	Ian Harris	$\checkmark$
lanned / Release 1999 achieved: April 99	general remarks: CR at TSG#5 version-specific remarks:			
S 23.038 v 3.3.0	Alphabets & Language	T2	Ian Harris	$\checkmark$
lanned / <b>Release 1999</b> chieved: June 99	general remarks: CR at TSG#4,CR at TSG version-specific remarks: additional CR for R99 on TSG-T#7		d message content	expected at
R 23.039 v 3.1.0 Release 1999	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	T2	Ian Harris	✓
olanned / achieved: June 99	general remarks: version-specific remarks:			
<b>S 23.040</b> v 3.3.0	Technical realisation of Short Message Service	T2	Ian Harris	$\checkmark$
lanned / Release 1999 Ichieved: June 99	general remarks: CR at TSG#4,CR at TSG version-specific remarks: additional CR for R99 on TSG-T#7		d message content	expected at
S 23.041 v 3.1.0	Technical Realization of Cell Broadcast Service	T2		$\checkmark$
Planned / Release 1999 Inchieved: Oct 99	general remarks: Transfer>TSG#4 version-specific remarks: additional CR for R99 on		ments expected at	_
S 23.042 v 3.1.0	Compression algorithm for SMS	T2	Ian Harris	
Planned / Release 1999 Inchieved: June 99	general remarks: version-specific remarks:			
S 23.054 v 3.0.0	Shared Interworking Functions - Stage 2	N3	Tommy Rostö	$\checkmark$
blanned / <b>Release 1999</b> achieved: April 99	general remarks: version-specific remarks:			
S 23.057 v 3.0.0 Release 1999	Mobile Station Application Execution Environment (MExE)	T2	Mark Cataldo	$\checkmark$
lanned /	general remarks:			

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				TSG/WG	editor a	availabl
ГS	23.060 v 3.2.1 Release 1999	General Packet Radio Service (GPR description; Stage 2	RS) Service	S2	Hans-Petter Naper	✓
	ned /	general remarks: Trans	fer>TSG#4, CR at TSG#	<i>¥5</i>		
achi	eved: Mar 00	version-specific remarks: Open	issues to be finalized by	/ TSG#7 (	expect 3.2.1 2000-01-12)	
ΓS	23.066 v 3.1.0 Release 1999	Support of GSM Mobile Number Po 2	rtability (MNP) stage	N2B		✓
	ned /	0	fer>TSG#4, CR at TSG#	<i>‡5</i>		
achi	eved: Oct 99	version-specific remarks:				
ΓS	23.067 v 3.0.0 Release 1999	Enhanced Multi-Level Precedence a Service (EMLPP) - Stage 2	and Preemption	NSS		✓
	ned /	general remarks:				
achi	eved: April 99	version-specific remarks:				
TS	<b>23.072</b> v 3.2.0	Call Deflection Supplementary Serv	ice - Stage 2	NSS		✓
	ned / Release 1999	general remarks: CR at	TSG#5			
achi	eved: April 99	version-specific remarks:				
TS	<b>23.073</b> v 3.0.0	Support of Localised Service Area (	SoLSA) - Stage 2	NSS		✓
olan	ned / Release 1999	general remarks: Trans	fer>TSG#4			
	eved: Oct 99	version-specific remarks:				
ГS	<b>23.078</b> v 3.3.0	CAMEL Stage 2		N2A	Christian Hohmann/ Su	$\checkmark$
-	ned / Release 1999	-		112/1	of moliar frior manny ou	
	eved: April 99	general remarks: CR at version-specific remarks:	TSG#4,CR at TSG#5			
	-	•	1 Store 0	Nor	Ion Dork	
ΓS	<b>23.079</b> v 3.3.0	Support of Optical Routeing - Phase	0	N2B	Ian Park	V
blan	ned / Release 1999 eved: April 99	•	TSG#4,CR at TSG#5			
achi	eved. April 99	version-specific remarks:				
ΓS	<b>23.081</b> v 3.0.0	Line Identification Supplementary S	ervices - Stage 2	NSS		$\checkmark$
	ned / Release 1999	general remarks:				
achi	eved: April 99	version-specific remarks:				
TS	<b>23.082</b> v 3.1.0	Call Forwarding (CF) Supplementar	y Services - Stage 2	NSS		✓
olan	ned / Release 1999	general remarks: CR at	TSG#5			
achi	eved: April 99	version-specific remarks:				
тs	<b>23.083</b> v 3.1.0	Call Waiting (CW) and Call Hold (H	OLD)	NSS		<b>v</b>
	Release 1999	Supplementary Service - Stage 2				
	ned /	general remarks:				
achi	eved: April 99	version-specific remarks:				
TS	<b>23.084</b> v 3.1.0	MultiParty (MPTY) Supplementary S	Service - Stage 2	NSS		✓
	ned / Release 1999	general remarks:	U U	-		_
	eved: April 99	version-specific remarks:				
TS	<b>23.085</b> v 3.0.0	Closed User Group (CUG) Supplem	entary Service -	NSS		✓
.0	Release 1999	Stage 2	Citary Corvice -	1100		Ľ
olan	ned /	general remarks:				
	eved: April 99	version-specific remarks:				
TS	<b>23.086</b> v 3.0.0	Advice of Charge (AoC) Supplemen	tary Service - Stage	NSS		$\checkmark$
	Release 1999	2	, control olago			
olan	ned /	general remarks:				
	eved: April 99	version-specific remarks:				
ГS	<b>23.087</b> v 3.0.0	User-to-User Signalling (UUS) - Sta	qe 2	NSS		$\checkmark$
	ned / Release 1999	general remarks:	J			
	eved: April 99	version-specific remarks:				
			ntion Store 2	NCC		~
TS	<b>23.088</b> v 3.0.0	Call Barring (CB) Supplementary Se	ervice - Stage 2	NSS		V
	ned / Release 1999	general remarks:				
	eved: April 99	version-specific remarks:				

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		TS	G/WG	editor	available
TS 23.090 v 3.1.0 Release 1999	Unstructured Supplementary Service I Stage 2	Data (USSD) -	NSS		✓
lanned / chieved: April 99	general remarks: version-specific remarks:				
S 23.091 v 3.1.0 Release 1999	Explicit Call Transfer (ECT) Suppleme Stage 2	ntary Service -	NSS		$\checkmark$
lanned / chieved: April 99	general remarks: version-specific remarks:				
S 23.093 v 3.1.0	Call Completion to Busy Subscriber (C	CBS) - Stage 2	NSS		$\checkmark$
lanned / <b>Release 1999</b> chieved: April 99	general remarks: version-specific remarks:				
S 23.094 v 3.0.0	Follow Me Stage 2		CN		$\checkmark$
blanned / <b>Release 1999</b> achieved: Dec 99	general remarks: Transfer version-specific remarks: Transfer	>TSG#4. GSM only @1 >TSG#6	- SG#5		
S 23.096 v 3.0.0	Name Identification Supplementary Se	ervice - Stage 2	NSS		$\checkmark$
blanned / Release 1999 achieved: April 99	general remarks: version-specific remarks:				
rs <b>23.097</b> v 3.1.0	Multiple Subscriber Profile (MSP); Sta	ge 2	NSS		$\checkmark$
Planned / Release 1999 achieved: Oct 99	general remarks: Transfer version-specific remarks:	>TSG#4,CR at TSG#5			
S 23.101 v 3.0.1	General UMTS Architecture		S2	Magnus Olsson	$\checkmark$
lanned / Release 1999 chieved: June 99	general remarks: version-specific remarks:				
S 23.107 v 3.1.0	Quality of Service, Concept and Archit	ecture	S2	Marc Greis	$\checkmark$
lanned / Release 1999 achieved: Oct 99	general remarks: was 23. version-specific remarks:	907			
S 23.108 v 3.1.0 Release 1999	Mobile Radio Interface Layer 3 specific Network Protocols stage 2 (structured		N1		$\checkmark$
blanned / achieved: June 99	general remarks: version-specific remarks:				
<b>S 23.110</b> v 3.3.0	UMTS Access Stratum Services and F	Functions	S2	Oscar Lopez - Torres	$\checkmark$
blanned / Release 1999 achieved: Mar 00	general remarks: CR at To version-specific remarks:	SG#5			
S 23.116 v 1.0.0	Super Charger - Stage 2		N2B	Nicholas Alen	$\checkmark$
lanned / Release 1999 chieved: Mar 00	general remarks: New after version-specific remarks:	er TSG#5			
S 23.119 v 1.0.0	Gateway Location Register (GLR) - St	age2	N2B	Masahiro Sawada	$\checkmark$
lanned / Release 1999 chieved: Mar 00	5	er TSG#5 ally frozen by CN#6, CN	l#7 is th	e new target for approva	al as part
S 23.121 v 3.2.0	Architecture Requirements for release	99	S2	Liz Daniel	$\checkmark$
Planned / Release 1999 Inchieved: June 99	general remarks: CR at To version-specific remarks:				
S 23.122 v 3.1.1	Non Access Stratum functions related	to Mobile Station	N1		✓
Release 1999	(MS) in idle mode				
olanned / achieved: April 99	general remarks: CR at T			1 // 00 000 D 1	
auneveu. Apin 23	03.22 in	at TSG#6, CR@TSG#6 June99. Expect 3.1.0 to 8.1.1 to undo erroneousl	correct	erroneous incorporation	
TS 23.127 v 1.1.0	Virtual Home Environment / Open Ser		S2	Rob Schmersel	$\checkmark$
blanned / <b>Release 1999</b> achieved: Mar 00	general remarks: version-specific remarks:				

			TSG/WG	editor	available
TS <b>23.140</b> v 1.0.0 planned / <b>Release 1999</b> achieved: Mar 00	Multimedia Messaging Servi general remarks: version-specific remarks:	ce (MMS) TSG-T#7 is the new target	T2 for approval	Gunnar Schmidt	
TS 23.146 v 1.0.0	Technical realisation of facsi transparent	Ũ	N3	Junichuro Hagiwara	$\checkmark$
Release 1999 blanned / achieved: Mar 00	general remarks: version-specific remarks:	New @ TSG#6, Circuit swit specification	tched type of	Real time Non transpa	arent FAX
S 23.153 v 1.0.0	Out of Band Transcoder Cor	•	N2B		✓
blanned / <b>Release 1999</b> achieved: Mar 00	general remarks: version-specific remarks:	New after TSG#5			
TS 23.171 v 1.1.0 Release 1999	Functional stage 2 description	on of location services in	S2	Jan Kåll	$\checkmark$
blanned / achieved: Mar 00	general remarks: version-specific remarks:				
TR <b>23.821</b> v 0.0.0	Architecture Principles for Re	elase2000	S2	Christer Lind	$\checkmark$
Dlanned / Release 2000 achieved: June 00	general remarks: version-specific remarks:	New after TSG#5			
TR <b>23.908</b> v 3.0.0	Technical report on Pre-Pag	ing	N2B		$\checkmark$
blanned / <b>Release 1999</b> achieved: June 99	general remarks: version-specific remarks:				
TR <b>23.909</b> v 3.0.0	Technical report on the Gate	eway Location Register	N2B		$\checkmark$
Planned / Release 1999 achieved: June 99	general remarks: version-specific remarks:				
TR <b>23.910</b> v 1.0.0	Circuit Switched Data Beare	r Services	N3	Achim Braun / Erik C	ol 🗸
blanned / <b>Release 1999</b> achieved: Mar 00	general remarks: version-specific remarks:	03.10 GSM only @ TSG#5 TSG#6: 1.0.0	Replaced by	/ 3G Report 23.910(+p	ost TSG#4
R 23.911 v 3.0.0	Technical report on Out-of-b	and transcoder control	N2		$\checkmark$
blanned / Release 1999 achieved: Oct 99	general remarks: version-specific remarks:				
TR 23.912 v 3.0.0	Technical report on Super-C	harger	N2	lan Sharp	$\checkmark$
blanned / Release 1999 achieved: Oct 99	general remarks: version-specific remarks:				
TR 23.913 v 1.0.0	UMTS Turbo-Charger		N1	Sonia Doshi	$\checkmark$
blanned / Release 2000 achieved: June 00	general remarks: version-specific remarks:	New after TSG#5			
R 23.922 v 1.0.0	Architecture for an All IP net	work	S2		
elanned / Release 1999 achieved:	general remarks: version-specific remarks:	TSG#5: 1.0.0 Was suspected to be v3.0.0	0 but eviden	the pot so	
R 23.923 v 3.0.0 Release 1999	Combined GSM and Mobile UMTS IP CN	•	S2	Elisabeth Hubbard	
blanned / achieved: Dec 99	general remarks: version-specific remarks:				
TR <b>23.925</b> v 0.2.0	UMTS Core network based	ATM transport	S2	Adel Rouz	$\checkmark$
blanned / <b>Release 1999</b> achieved: Mar 00	general remarks: version-specific remarks:				
TR 23.930 v 3.0.0	lu Principles		S2		$\checkmark$
blanned / <b>Release 1999</b> achieved: June 99	general remarks: version-specific remarks:				
TR <b>23.972</b> v 0.0.3	Multimedia Telephony		N1	Timo Kauhanen	$\checkmark$
Dlanned / Release 1999 achieved: Mar 00	general remarks: version-specific remarks:	New after TSG#5			

				TSG/WG	editor	available
TS 24.00	7 v 3.2.0 Release 1999	Mobile Radio Interface Signa Aspects	lling Layer 3 - General	N1		$\checkmark$
olanned / achieved: O	ct 99	general remarks: version-specific remarks:	Transfer>TSG#4,CR at TSG#	<i>¥5</i>		
TS <b>24.00</b>	8 v 3.2.1 Release 1999	Mobile Radio Interface Layer Network Protocols - Stage 3	3 specification; Core	N1		✓
blanned / achieved: A		general remarks: version-specific remarks:	CR correction produced 3.0.1 CR@TSG#6, editorial mod la	-	GG#5	
TS 24.01	0 v 3.0.0 Release 1999	Mobile Radio Interface Laye Services Specification - Gene		NSS		✓
olanned / achieved: A	oril 99	general remarks: version-specific remarks:				
rs <b>24.01</b>	1 v 3.1.0 Release 1999	Point-to-Point (PP) Short Me Support on Mobile Radio Inte	<b>2</b> ( )	N1/T2		$\checkmark$
olanned / achieved: O	ct 99	general remarks: version-specific remarks:	Transfer>TSG#4			
TS 24.01	2 v 3.0.0 Release 1999	Short Message Service Cell Support on the Mobile Radio		N2B/T		$\checkmark$
olanned / achieved: O	ct 99	general remarks: version-specific remarks:	Transfer>TSG#4			
rs <b>24.02</b>	2 v 3.2.0 Release 1999	Radio Link Protocol (RLP) fo Services on the (MS-BSS) In Station System - Mobile-serv (BSS-MSC) Interface	terface and the Base	N3	Norbert Klehn	
olanned / achieved: A	oril 99	general remarks: version-specific remarks:	CR at TSG#4 (post TSG#4 ap	pproval) in	cludes title change	
TS <b>24.06</b>	5 v 3.1.0 Release 1999	General Packet Radio Servic (MS) - Serving GPRS Suppo Subnetwork Dependent Conv	rt Node (SGSN);	N1		✓
blanned /		general remarks:				
achieved:		version-specific remarks:	2000-02-14: To revert to 2g o	nly 04.65, .	24.165 may be requi	
S 24.06	7 v 3.0.0 Release 1999	Enhanced Multi-Level Preced service (eMLPP) - Stage 3	dence and Pre-emption	NSS		$\checkmark$
blanned / achieved: A	oril 99	general remarks: version-specific remarks:				_
TS 24.07		Call Deflection Supplementa	ry Service - Stage 3	NSS		$\checkmark$
blanned / achieved: A	Release 1999 oril 99	general remarks: version-specific remarks:				
TS <b>24.08</b>	0 v 3.1.0 Release 1999	Mobile radio Layer 3 Suppler specification - Formats and c		NSS		$\checkmark$
planned /		general remarks:				
achieved: A	oril 99	version-specific remarks:	T1P1 CR @TSG#6			
TS 24.08		Line Identification Supplement	ntary Service - Stage 3	NSS		$\checkmark$
blanned / achieved: A	Release 1999 oril 99	general remarks: version-specific remarks:				
TS 24.08	<b>2</b> v 3.0.0	Call Forwarding Supplementa	ary Service - Stage 3	NSS		$\checkmark$
olanned / achieved: A	Release 1999 oril 99	general remarks: version-specific remarks:				
TS 24.08	3 v 3.0.0 Release 1999	Call Waiting (CW) and Call H Supplementary Service - Sta		NSS		$\checkmark$
planned / achieved: A	oril 99	general remarks: version-specific remarks:				
TS 24.08	4 v 3.0.0	MultiParty (MPTY) Suppleme	entary Service - Stage 3	NSS		✓
	Release 1999	general remarks: version-specific remarks:				

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		TSG/WG	editor	available
S 24.085 v 3.0.0 Release 1999	Closed User Group (CUG) Supplementary Service - Stage 3	NSS		✓
lanned /	general remarks:			
chieved: April 99	version-specific remarks:			
S <b>24.086</b> v 3.0.0	Advice of Charge (AoC) Supplementary Service - Stage	NSS		$\checkmark$
Release 1999				
lanned / chieved: April 99	general remarks:			
	version-specific remarks:			
S 24.087 v 3.0.0	User-to-User Signalling (UUS) - Stage 3	NSS		$\checkmark$
lanned / Release 1999 chieved: April 99	general remarks:			
	version-specific remarks:			
S 24.088 v 3.0.0	Call Barring (CB) Supplementary Service - Stage 3	NSS		$\checkmark$
anned / Release 1999 chieved: April 99	general remarks:			
chieved. April 99	version-specific remarks:			
S 24.090 v 3.0.0 Release 1999	Unstructured Supplementary Service Data (USSD) - Stage 3	NSS		$\checkmark$
anned / chieved: April 99	general remarks:			
-	version-specific remarks:			
5 24.091 v 3.0.0 Release 1999	Explicit Call Transfer (ECT) Supplementary Service - Stage 3	NSS		✓
anned / chieved: April 99	general remarks:			
	version-specific remarks:			
S 24.093 v 3.0.0	Call Completion to Busy Subscriber (CCBS) - Stage 3	NSS		$\checkmark$
anned / <b>Release 1999</b> chieved: April 99	general remarks: version-specific remarks:			
S <b>24.096</b> v 3.0.0	Name Identification Supplementary Service - Stage 3	NSS		$\checkmark$
anned / Release 1999	general remarks:			
chieved: April 99	version-specific remarks:			
S <b>25.101</b> v 3.1.0	UE Radio transmission and reception (FDD)	R4	Edgar Fernandes	$\checkmark$
anned / Release 1999	general remarks:			
chieved: Oct 99	version-specific remarks:			
S <b>25.102</b> v 3.1.0	UE Radio transmission and reception (TDD)	R4	Meik Kottkamp	$\checkmark$
anned / Release 1999	general remarks:			
chieved: Oct 99	version-specific remarks:			
S <b>25.104</b> v 3.1.0	UTRA (BS) FDD; Radio transmission and reception	R4	Johan Sköld	$\checkmark$
anned / Release 1999	general remarks:			
chieved: Oct 99	version-specific remarks:			
S <b>25.105</b> v 3.1.0	UTRA (BS) TDD: Radio transmission and reception	R4	Meik Kottkamp	$\checkmark$
anned / Release 1999	general remarks:			
chieved: Oct 99	version-specific remarks:			
S <b>25.113</b> v 3.0.0	Base station EMC	R4	Esa Barck	✓
anned / Release 1999	general remarks:			
chieved: Dec 99	version-specific remarks:			
S 25.123 v 3.0.0 Release 1999	Requirements for support of radio resource management (TDD)	R4	Daniele Franceschini	✓
anned / chieved: Dec 99	general remarks: version-specific remarks:			
S 25.133 v 3.0.0 Release 1999	Requirements for support of radio resource management (FDD)	R4	Daniele Franceschini	$\checkmark$
anned / chieved: Dec 99	general remarks: version-specific remarks:			

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		TSG/WG	editor	available
TS <b>25.141</b> v 3.0.0 planned / <b>Release 1999</b> achieved: Dec 99	Base station conformance testing (FDD) general remarks: version-specific remarks:	R4	Takaharu Nakamura	
TS <b>25.142</b> v 3.0.0 Dlanned / <b>Release 1999</b> achieved: Dec 99	Base station conformance testing (TDD) general remarks: version-specific remarks:	R4	Juergen Meyer	✓
TS <b>25.201</b> v 3.0.1 Dlanned / <b>Release 1999</b> achieved: Oct 99	Physical layer -General Description general remarks: version-specific remarks: TSG#5: 3.0.0; edito post#6: 3	R1	Antti Toskala	
FS 25.211 v 3.1.1 Release 1999 blanned / achieved: Oct 99	Physical channels and mapping of transport channels onto physical channels (FDD) general remarks: version-specific remarks:	R1	Andreas Wilde	
TS <b>25.212</b> v 3.1.1 Dlanned / <b>Release 1999</b> achieved: Oct 99	Multiplexing and channel coding (FDD) general remarks: version-specific remarks:	R1	Yoshinori Tanaka	✓
S 25.213 v 3.1.1 Dlanned / Release 1999 achieved: Oct 99	Spreading and modulation (FDD) general remarks: version-specific remarks:	R1	Peter Chambers	✓
<sup>-</sup> S <b>25.214</b> v 3.1.1 planned / <b>Release 1999</b> achieved: Oct 99	Physical layer procedures (FDD) general remarks: version-specific remarks:	R1	Takehiro Nakamura	✓
<sup>T</sup> S <b>25.215</b> v 3.1.1 planned / <b>Release 1999</b> pchieved: Oct 99	Physical layer; Measurements (FDD) general remarks: version-specific remarks:	R1		✓
TS 25.221 v 3.1.1 Release 1999 Dlanned / achieved: Oct 99	Physical channels and mapping of transport channels onto physical channels (TDD) general remarks: version-specific remarks:	R1	Katsuhiko Hiramatsu	✓
S 25.222 v 3.1.1 planned / Release 1999 ichieved: Oct 99	Multiplexing and channel coding (TDD) general remarks: version-specific remarks:	R1	Jussi Kahtava	✓
<sup>-</sup> S <b>25.223</b> v 3.1.1 planned / <b>Release 1999</b> pchieved: Oct 99	Spreading and modulation (TDD) general remarks: version-specific remarks:	R1	Kenji Ito	✓
S 25.224 v 3.1.1 lanned / Release 1999 chieved: Oct 99	Pphysical layer procedures (TDD) general remarks: version-specific remarks:	R1	Stefan Oestreich	✓
S 25.225 v 3.1.0 Danned / Release 1999 achieved: Oct 99	Physical layer; Measurements (TDD) general remarks: version-specific remarks:	R1		✓
<sup>-</sup> S <b>25.301</b> v 3.3.0 lanned / <b>Release 1999</b> ichieved: April 99	Radio Interface Protocol Architecture         general remarks:       CR at TSG#4, CR at TSG#5         version-specific remarks:	R2	Wolfgang Granzow	✓
S         25.302         v 3.3.0           planned /         Release 1999           achieved:         Oct 99	Services provided by the physical layer general remarks: V3.0.0 approved via e-mail Ju version-specific remarks:	R2 Ily 99 CR a	Nathalie Ting at TSG#5?	$\checkmark$
TS <b>25.303</b> v 3.2.0 <b>Release 1999</b> blanned / achieved: June 99	UE functions and inter-layer procedures in connected mode general remarks: CR at TSG#5 version-specific remarks:	R2	Mikko J.Rinne	

12 March 2000

Release 1999         Reselection in Connected Mode           general remarks:         general remarks:           icchieved: Dor 9         version-specific remarks:           TS         25.305         v3.0.0           Stage 2 Functional Specification of Location Services in Release 1999         R2           Janned / Janned / Janned / Janned / Janned / Janned / Release 1999         Version-specific remarks:           TS         25.322         v3.1.0           Medium Access Control (MAC) Protocol Specification general remarks:         R2           Variance J, Janned / Janned / Janned / Release 1999         general remarks:           rS         25.322         v3.1.0           Packet Data Convergence Protocol (PDCP) protocol         R2           Martin Hans         Version-specific remarks:           rS         25.324         v3.0.0           Radio Interface for Broadcast/Multicast Services         R2           Peter Kitschan         Version-specific remarks:           rS         25.331         v3.0.0           Radio Release 1999         general remarks:           release 1999         general remarks:           rS         25.31         v3.0.0           Radio Release 1999         general remarks:           rS         25.314         v0.00			TSG/WG	editor	available
chrieved: Oct 99       version-specific remarks:         rS 25.305 v 30.0       Stage 2 Functional Specification of Location Services in R2       David G Steer         version-specific remarks:       Created from 25.923         version-specific remarks:       Created Jan 00		Decidenting in Ocean estad Marke	R2	Tommi Leivonen	✓
Test Subscription       Test Subscription       R2       David G Steer       Image Subscription         Release 1999       UTRAN (LCS)       Subscription       R2       David G Steer       Image Subscription         Stand /       general remarks:       Created from 25.923       version-specific remarks:       R2       Armin Sitte       Image Subscription         Stand /       Release 1999       merail remarks:       CR at TSG#5       Version-specific remarks:       Image Subscription       R2       Daniele Franceschini       Image Subscription         Stand /       Release 1999       general remarks:       CR at TSG#5       Version-specific remarks:       Image Subscription       R2       Daniele Franceschini       Image Subscription         Statumed /       Release 1999       general remarks:       version-specific remarks:		general remarks:			
Release 1999       UTRAN (LCS)         Janned /       general remarks:       Created from 25.923         Janned /       Version-spacific remarks:       Rel TSG#5         S 25.321       V3.2.0       Medium Access Control (MAC) Protocol Specification       R2       Armin Sitte         Janned /       Release 1999       general remarks:       CR at TSG#5         S 25.322       V3.12       Radio Link Control (RLC) Protocol Specification       R2       Daniele Franceschini         Janned /       Release 1999       general remarks:       marks:       Checket Data Convergence Protocol (PDCP) protocol       R2       Martin Hans       Image: Checket Data Convergence Protocol (PDCP) protocol       R2       Martin Hans       Image: Checket Data Convergence Protocol (PDCP) protocol       R2       Martin Hans       Image: Checket Data Convergence Protocol (PDCP) protocol       R2       Martin Hans       Image: Checket Data Convergence Protocol (PDCP) protocol       R2       Martin Hans       Image: Checket Data Convergence Protocol (PDCP) protocol       R2       Martin Hans       Image: Checket Data Convergence Protocol (PDCP) protocol       R2       Martin Hans       Image: Checket Data Convergence Protocol (PDCP) protocol       R2       Martin Hans       Image: Checket Data Convergence Protocol (PDCP) protocol       R2       R2       Martin Hans       Image: Checket Data Convergence Protocol Specification	chieved: Oct 99	version-specific remarks:			
chieved: Mar 00 version-specific remarks: S 25.321 v 3.0 Madlum Access Control (MAC) Protocol Specification R2 Armin Sitte general remarks: CR at TSG#5 chieved: June 99 version-specific remarks: S 25.32 v 3.0.2 Rafio Link Control (RLC) Protocol Specification R2 Daniele Franceschini general remarks: center and center a			R2	David G Steer	✓
Tanned /       Release 1999       general remarks:       CR at TSG#5         S       25.322       v3.1.2       Radio Link Control (RLC) Protocol Specification       R2       Daniele Franceschini       ✓         S       25.323       v3.0.0       Packet Data Convergence Protocol (PDCP) protocol       R2       Martin Hans       ✓         general remarks:       version-specific remarks:       version-specific remarks:       Version-specific remarks:       ✓         general remarks:       general remarks:       version-specific remarks:       Version-specific remarks:       ✓         schwed: Dec 99       version-specific remarks:       Version-specific remarks:       ✓          schwed: Dec 99       version-specific remarks:       Version-specific remarks:           schwed: Dec 99       version-specific remarks:             schwed: Dec 99       version-specific remarks:               schwed: Mar 00       version-specific remarks:        Created Jan 00 <td></td> <td>5</td> <td></td> <td></td> <td></td>		5			
chieved: June 99 version-specific remarks: s 25.322 v3.1.2 Ratio Link Control (RLC) Protocol Specification general remarks: version-specific remarks: s 25.323 v3.0.0 Packet Data Convergence Protocol (PDCP) protocol R2 Martin Hans s 25.323 v3.0.0 Packet Data Convergence Protocol (PDCP) protocol R2 Martin Hans s 25.324 v3.0.0 Radio Interface for Broadcast/Multicast Services s 25.31 v3.1.0 Radio Resource Control (RRC) Protocol Specification R2 Richard Burbridge general remarks: version-specific remarks: S 25.401 v3.1.0 UTRAN Verall Description general remarks: Approval at TSG#5 version-specific remarks: S 25.410 v3.1.0 UTRAN lu Interface General Aspects and Principles S 25.411 v3.1.0 UTRAN lu Interface Layer 1 R3 Achim Brandt general remarks: S 25.411 v3.1.0 UTRAN lu Interface Layer 1 R3 Achim Brandt general remarks: version-specific remarks: S 25.411 v3.1.0 UTRAN lu Interface ANAP signalling general remarks: version-specific remarks: S 25.411 v3.0.0 UTRAN lu Interface ANAP signalling R3 Jyrki Jussila fanned / Release 1999 general remarks: version-specific remarks: S 25.411 v3.0.0 UTRAN lu Interface ANAP signalling fanned / Release 1999 general remarks: version-specific remarks: S 25.414 v3.0.0 UTRAN lu Interface ata transport S 25.414 v3.0.0 UTRAN lu I	S 25.321 v 3.2.0	Medium Access Control (MAC) Protocol Specification	R2	Armin Sitte	$\checkmark$
Janned / Release 1999       general remarks:       version-specific remarks:         version-specific remarks:       version-specific remarks:         stanned / Release 1999       general remarks:         version-specific remarks:       version-specific remarks:         S       25.31       v3.10       Radio Resource Control (RRC) Protocol Specification       R2       Richard Burbridge       Version-specific remarks:         S       25.31       v0.00       LMU signalling       R2       M. Mouly       Version-specific remarks:         S       25.401       v3.10       UTRAN Overall Description       R3       Jean-Marie Calmel       Version-specific remarks:         S       25.401       v3.10       UTRAN Norall Description       R3       Flavio Piolini       Version-specific remarks:         S       25.401       v3.10       UTRAN Vin Interface General Aspects and Principles       R3       Richard Townend       Version-specific remarks:       Version-specific remarks:<					
chieved: Oct 99 version-specific remarks: S 25.323 v.3.0.0 Packet Data Convergence Protocol (PDCP) protocol R1 Anned / Release 1999 general remarks: S 25.324 v.3.0.0 Radio Interface for Broadcast/Multicast Services R2 Peter Krischan Lanned / Release 1999 general remarks: version-specific remarks: S 25.31 v.3.0.0 LMU signalling lanned / Release 2000 general remarks: Version-specific remarks: S 25.401 v.3.1.0 UTRAN Overall Description R3 Jean-Marie Calmel Version-specific remarks: S 25.402 v.3.0.0 Synchronisation in UTRAN Stage 2 R3 Flavio Piolini Lanned / Release 1999 general remarks: S 25.402 v.3.0.0 UTRAN Voureall Description lanned / Release 1999 general remarks: S 25.410 v.3.1.0 UTRAN lu Interface: General Aspects and Principles S 25.410 v.3.1.0 UTRAN lu Interface: General Aspects and Principles S 25.411 v.3.1.0 UTRAN lu Interface: General Aspects and Principles S 25.412 v.3.1.0 UTRAN lu Interface layer 1 lanned / Release 1999 general remarks: version-specific remarks: version-specific remarks: S 25.412 v.3.0.0 UTRAN lu Interface signalling transport S 25.412 v.3.0.0 UTRAN lu Interface signalling transport S 25.412 v.3.0.0 UTRAN lu Interface data transport signalling R3 David Comstock Version-specific remarks: version-specific remarks: S 25.414 v.3.2.0 UTRAN lu Interface data transport signalling R3 David Comstock Version-specific remarks: S 25.414 v.3.2.0 UTRAN lu Interface data transport signalling R3 David Comstock Version-specific remarks: S 25.414 v.3.2.0 UTRAN lu Interface layer plane p	S <b>25.322</b> v 3.1.2	Radio Link Control (RLC) Protocol Specification	R2	Daniele Franceschini	$\checkmark$
Release 1999       general remarks:         version-specific remarks:       general remarks:         S 25.324       v3.0.0         Release 1999       general remarks:         general remarks:       general remarks:         version-specific remarks:       general remarks:         S 25.331       v3.1.0         Radio Interface for Broadcast/Multicast Services       R2         Peter Krischan       general remarks:         version-specific remarks:       general remarks:         version-specific remarks:       general remarks:         version-specific remarks:       Created Jan 00         version-specific remarks:       Created Jan 00         version-specific remarks:       Created Jan 00         version-specific remarks:       Approval at TSG#5         version-specific remarks:       Approval at TSG#5         version-specific remarks:       New         versio	lainioa /	general remaine.			
chieved: Dec 99 version-specific remarks: S 25.324 v 3.0.0 Radio Interface for Broadcast/Multicast Services R2 Peter Krischan feiveved: Dec 99 general remarks: version-specific remarks: s 25.31 v 3.1.0 Radio Resource Control (RC) Protocol Specification R2 Richard Burbridge general remarks: version-specific remarks: S 25.371 v 0.0.0 LMU signalling R2 M. Mouly general remarks: Created Jan 00 version-specific remarks: Created Jan 00 version-specific remarks: Approval at TSG#5 version-specific remarks: Approval at TSG#5 version-specific remarks: New version-specific remarks: Approval at TSG#5 version-specific remarks: New version-specific remarks: New version-specific remarks: New version-specific remarks: Approval at TSG#5 s 25.410 v 3.1.0 UTRAN lu Interface Ceneral Aspects and Principles R3 Richard Townend general remarks: Approval at TSG#5 version-specific remarks: Specific remarks: s 25.411 v 3.1.0 UTRAN lu Interface Layer 1 R3 Achim Brandt general remarks: Version-specific remarks: s 25.411 v 3.1.0 UTRAN lu Interface Signalling transport s 25.412 v 3.2.0 UTRAN lu Interface RANAP signalling general remarks: CR at TSG#5 version-specific remarks: s 25.413 v 3.2.0 UTRAN lu Interface data transport & transport signalling lanned / Release 1999 general remarks: CR at TSG#5 version-specific remarks: s 25.414 v 3.2.0 UTRAN lu Interface data transport & transport signalling lanned / Release 1999 general remarks: CR at TSG#5 version-specific remarks: s 25.414 v 3.2.0 UTRAN lu Interface user plane protocols R3 Alain Maupin general remarks: Approval at TSG#5 version-specific remarks: Approval at TSG#5	S 25.323 v 3.0.0	Packet Data Convergence Protocol (PDCP) protocol	R2	Martin Hans	$\checkmark$
Ianned / Release 1999       general remarks:       version-specific remarks:         S 25.331       v3.1.0       Radio Resource Control (RRC) Protocol Specification       R2       Richard Burbridge       ✓         Ianned / Release 1999       general remarks:       version-specific remarks:       ✓         Version-specific remarks:       Created Jan 00       ✓       ✓         Ianned / Release 2000       UTRAN Overall Description       R3       Jean-Marie Calmel       ✓         Ianned / Release 1999       general remarks:       Created Jan 00       ✓       ✓       ✓         S 25.401       v3.1.0       UTRAN Overall Description       R3       Jean-Marie Calmel       ✓         Ianned / Release 1999       general remarks:       New       version-specific remarks:       New       ✓         S 25.402       v3.0.0       Synchronisation in UTRAN Stage 2       R3       Flavio Piolini       ✓         Ianned / Release 1999       general remarks:       New       version-specific remarks:       New       ✓         S 25.410       v3.1.0       UTRAN Iu Interface: General Aspects and Principles       R3       Richard Townend       ✓         Ianned / Release 1999       general remarks:       Approval at TSG#5       ✓       ✓       ✓		general remaine.			
Anieved: Dec 99       yersion-specific remarks:         S       25.331       v.3.1.0         Radio Resource Control (RRC) Protocol Specification       R2       Richard Burbridge         general remarks:       yersion-specific remarks:       R2       M. Mouly         stanned / Release 1999       general remarks:       Created Jan 00       R2       M. Mouly         yersion-specific remarks:       Created Jan 00       yersion-specific remarks:       R3       Jean-Marie Calmel         S       25.401       v.3.1.0       UTRAN Overall Description       R3       Jean-Marie Calmel       Image general remarks:         Approval at TSG#5       version-specific remarks:       New       S       S.25.402       v.3.0.0       Synchronisation in UTRAN Stage 2       R3       Flavio Piolini       Image general remarks:       New         wersion-specific remarks:       New       version-specific remarks:       New       Version-specific remarks:       S         S       25.402       v.3.0.0       Synchronisation in UTRAN Stage 2       R3       Richard Townend       Image general remarks:         S       25.410       v.3.1.0       UTRAN lu Interface Layer 1       R3       Achim Brandt       Image general remarks:         S       25.411       v.3.1.0       UTRAN l	S 25.324 v 3.0.0	Radio Interface for Broadcast/Multicast Services	R2	Peter Krischan	$\checkmark$
Ianned / Release 1999       general remarks:       version-specific remarks:         S       25.371       v0.0.0       LMU signalling       R2       M. Mouly       ✓         Ianned / Release 2000       general remarks:       Created Jan 00       version-specific remarks:       First draft: Jan2000       R3       Jean-Marie Calmel       ✓         S       25.401       v3.1.0       UTRAN Overall Description       R3       Jean-Marie Calmel       ✓         Ianned / Release 1999       general remarks:       Approval at TSG#5       version-specific remarks:       Approval at TSG#5         version-specific remarks:       New       version-specific remarks:       New       version-specific remarks:       Value         general remarks:       New       version-specific remarks:       New       version-specific remarks:       Value       ✓         stanned / Release 1999       general remarks:       New       version-specific remarks:       Value       ✓       Ø <td< td=""><td>lainea /</td><td>6</td><td></td><td></td><td></td></td<>	lainea /	6			
chieved: Oct 99       version-specific remarks:         S       25.371       v0.00         lanned / Release 2000       general remarks:       Created Jan 00         version-specific remarks:       First draft: Jan2000         S       25.401       v3.1.0         lanned / Release 1999       general remarks:       Approval at TSG#5         version-specific remarks:       New         schieved: Oct 99       version-specific remarks:       New         version-specific remarks:       New         schieved: Oct 99       general remarks:       New         version-specific remarks:       Approval at TSG#5         version-specific remarks:       Nersion-specific remarks:	S <b>25.331</b> v 3.1.0	Radio Resource Control (RRC) Protocol Specification	R2	Richard Burbridge	$\checkmark$
Ianned / Release 2000       general remarks:       Created Jan 00         chieved: Mar 00       version-specific remarks:       First draft: Jan2000         S 25.401       v3.1.0       UTRAN Overall Description       R3       Jean-Marie Calmel         Ianned / Release 1999       general remarks:       Approval at TSG#5         version-specific remarks:       New         version-specific remarks:       Neproval at TSG#5         version-specific remarks:       Neproval at TSG#5         version-specific remarks:       New         general remarks:       Neproval at TSG#5         version-specific remarks:       S         S 25.410       v3.1.0       UTRAN lu Interface Layer 1       R3         lanned / Release 1999       general remarks:       Version-specific remarks:         s 25.412       v3.2.0       UTRAN lu interface signalling transport       R3       Kiran Thakare         general remar		general remarks.			
Mained J       Yersion-specific remarks:       First draft: Jan2000         S       25.401       v 3.1.0       UTRAN Overall Description       R3       Jean-Marie Calmel       ✓         Ianned /       Release 1999       general remarks:       Approval at TSG#5       version-specific remarks:       R3       Flavio Piolini       ✓         S       25.402       v 3.0.0       Synchronisation in UTRAN Stage 2       R3       Flavio Piolini       ✓         general remarks:       New       version-specific remarks:       New       version-specific remarks:       New         chieved: Dec 99       V3.1.0       UTRAN lu Interface: General Aspects and Principles       R3       Richard Townend       ✓         lanned /       Release 1999       general remarks:       New       version-specific remarks:       S         S       25.410       v 3.1.0       UTRAN lu Interface Layer 1       R3       Achim Brandt       ✓         general remarks:       version-specific remarks:       version-specific remarks:       version-specific remarks:       Version-specific remarks:       V         S       25.411       v 3.0.0       UTRAN lu interface signalling transport       R3       Kiran Thakare       ✓         Ianned /       Release 1999       general remarks:	S 25.371 v 0.0.0	LMU signalling	R2	M. Mouly	$\checkmark$
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chieved: Oct 99 version-specific remarks:		general remarks: Approval at TSG#5	-	·	

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		TSG/WG	editor	available
TS 25.419 v 0.0.0 Release 1999	UTRAN Iu interface: Cell broadcast protocols between SMS-CBC and RNC	R3	carolyn Taylor	
planned / achieved: Mar 00	general remarks: Created #6. version-specific remarks:			
rs <b>25.420</b> v 3.0.0	UTRAN lur Interface: General Aspects and Principles	R3	Kiran Thakare	$\checkmark$
blanned / <b>Release 1999</b> achieved: Dec 99	general remarks: version-specific remarks:			
rs <b>25.421</b> v 3.0.0	UTRAN lur interface Layer 1	R3	Achim Brandt	$\checkmark$
blanned / Release 1999 achieved: June 99	general remarks: version-specific remarks:			
TS <b>25.422</b> v 3.2.0	UTRAN lur interface signalling transport	R3	Kiran Thakare	$\checkmark$
blanned / <b>Release 1999</b> achieved: June 99	general remarks: CR at TSG#5 version-specific remarks:			
rs <b>25.423</b> v 3.0.0	UTRAN lur interface RNSAP signalling	R3	Göran Rune	$\checkmark$
blanned / <b>Release 1999</b> achieved: Dec 99	general remarks: version-specific remarks:			
TS 25.424 v 3.1.0 Release 1999	UTRAN lur interface data transport & transport signalling for CCH data streams	R3	Nicolas Drevon	$\checkmark$
blanned / achieved: June 99	general remarks: CR at TSG#5 version-specific remarks:			
TS 25.425 v 3.0.0 Release 1999	UTRAN lur interface user plane protocols for CCH data streams	R3	Nicolas Drevon	✓
olanned / achieved: Oct 99	general remarks: version-specific remarks:			
TS 25.426 v 3.1.0 Release 1999	UTRAN lur and lub interface data transport & transport signalling for DCH data streams	R3	Sami Kekki	$\checkmark$
blanned / achieved: June 99	general remarks: CR at TSG#5 version-specific remarks:			_
TS 25.427 v 3.1.0 Release 1999	UTRAN lur and lub interface user plane protocols for DCH data streams	R3	Fabio Longoni	✓
blanned / achieved: Oct 99	general remarks: version-specific remarks:			
rs <b>25.430</b> v 3.0.0	UTRAN lub Interface: General Aspects and Principles	R3	Mick Wilson	$\checkmark$
blanned / Release 1999 achieved: Dec 99	general remarks: version-specific remarks:			
S <b>25.431</b> v 3.0.0	UTRAN lub interface Layer 1	R3	Achim Brandt	$\checkmark$
lanned / Release 1999 Ichieved: June 99	general remarks: version-specific remarks:			
rS <b>25.432</b> v 3.1.0	UTRAN lub interface signalling transport	R3	Mick Wilson	$\checkmark$
blanned / Release 1999 achieved: June 99	general remarks: CR at TSG#5 version-specific remarks:			
S 25.433 v 3.0.0	UTRAN lub interface NBAP signalling	R3	Nobutaka Ishikawa	$\checkmark$
blanned / Release 1999 achieved: Dec 99	general remarks: version-specific remarks:			
TS 25.434 v 3.1.0 Release 1999	UTRAN lub interface data transport & transport signalling for CCH data streams	R3	Magnus Aldén	$\checkmark$
planned / achieved: June 99	general remarks: CR at TSG#5 version-specific remarks:			
TS 25.435 v 3.1.0 Release 1999	UTRAN lub interface user plane protocols for CCH data streams	R3	Jean-Marie Calmel	✓
blanned / achieved: Oct 99	general remarks: version-specific remarks:			

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				TSG/WG	editor	available
	<b>25.442</b> ed / <b>Rele</b> ved: Oct 99	v 3.0.0 ase 1999	UTRAN Implementation Specific O&M Transport general remarks: version-specific remarks:	R3	Stephan Recker	
R	25.831	v 0.0.2	Study Items for future release	R3	Nicolas Drevon	$\checkmark$
	ed / <b>Rele</b> a ved: Mar 00	ase 1999 )	general remarks: version-specific remarks:			
R	25.832	v 3.0.0	Manifestations of Handover and SRNS relocation	R3	Richard Townend	✓
	ed / Relea ved: Oct 99	ase 1999	general remarks: version-specific remarks:			
R	25.833	v 1.0.0	Physical layer items not for inclusion in Release 99	R1		$\checkmark$
	ed / <b>Rele</b> a ved: Mar 00	ase 1999 )	general remarks: Created Jan 2000 (aka R1.03 version-specific remarks:	3)		
R		v 3.0.0 <b>ase 1999</b>	Guidelines and principles for protocol description and error handling	R2	Jean Dumazy	$\checkmark$
	ed / ved: Dec 99	)	general remarks: version-specific remarks:			
R	25.922	v 3.0.0	Radio Resource Management Strategies	R2	Nicola Pio Magnani	$\checkmark$
	ed / <b>Rele</b> ved: Dec 99	ase 1999 )	general remarks: version-specific remarks:			
R	25.924	v 1.0.0	Opportunity Driven Multiple Access (ODMA)	R2	Alan Law	$\checkmark$
	ed / <b>Rele</b> a ved: Mar 00	ase 2000 )	general remarks: version-specific remarks:			
२	25.925	v 3.0.0	Radio Interface for Broadcast/Multicast Services	R2	Peter Krischan	✓
	ed / <b>Rele</b> a ved: Dec 99	ase 1999 )	general remarks: version-specific remarks:			
R	25.926	v 1.0.0	UE Radio Access capabilities definition	R2	Johan Lundsjo	$\checkmark$
	ed / <b>Rele</b> a ved: Mar 00	ase 1999 )	general remarks: version-specific remarks:			
R	25.928	v 0.0.0	1,28Mcps UTRA TDD Physical Layer	R1	Mirko Aksentijevic	
ann	ed / Relea	ase 2000	general remarks: Created R1#10, Jan 99. version-specific remarks: anticipated TSG#8		·····;···;	
R	25.931	v 1.2.2	UTRAN Functions, examples on signalling procedures	R3	Enrico Scarrone	✓
	ed / <b>Rele</b> a ved: Mar 00	ase 1999	general remarks: New version-specific remarks:			
R	25.941	v 3.1.0	Document structure	R4	Tadao Takami	$\checkmark$
ann chie	ed / <b>Rele</b> a ved: Dec 99	ase 1999 )	general remarks: version-specific remarks:			
R	25.942	v 2.1.1	RF system scenarios	R4	Nadia Benabdallah	✓
	007	ase 1999	general remarks:			
chie	ved: Mar 00	)	version-specific remarks:			
R	25.943	v 0.0.1	Deployment aspects	R4	Johan Skold	✓
	ed / <b>Rele</b> a ved: Mar 00	ase 1999 )	general remarks: version-specific remarks:			
R	25.944	v 1.0.1	Channel coding and multiplexing examples	R1	Takehiro Nakamura	✓
ann chie	ed / <b>Rele</b> a ved: Mar 00	ase 1999 )	general remarks: Created Jan 2000 (aka R1.04 version-specific remarks: to be approved TSG#7	4)		
R	25.990	v 3.0.0	Vocabulary for UTRAN	R4	Peter Okrah	✓
lann	ed / <b>Rele</b> a ved: Oct 99	ase 1999	general remarks:			

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TS <b>26.071</b> v 3.0.1	AMR speech Codec; Genera	al description	S4	Erik Ekudden	$\checkmark$
blanned / <b>Release 1999</b> achieved: June 99	general remarks: version-specific remarks:	Transfer>TSG#4			
S 26.073 v 3.0.0	AMR speech Codec; C-sour	ce code	S4	Erik Ekudden	✓
blanned / Release 1999 achieved: Dec 99	general remarks: version-specific remarks:	Transfer>TSG#4 approved TSG#6			
TS <b>26.074</b> v 3.0.0	AMR speech Codec; Test se	equences	S4	Erik Ekudden	$\checkmark$
blanned / Release 1999	general remarks:	Transfer>TSG#4			
achieved: Dec 99	version-specific remarks:	Await details on the test spe	ec from Mexi	co. Feb00: 3.0.1 per	ding.
TS 26.075 v 1.0.0 Release 2000	AMR speech Codec; Perform the GSM AMR Speech Code		S4		$\checkmark$
planned / achieved: Mar 00	general remarks: version-specific remarks:	Created TSG#6			
TS <b>26.090</b> v 3.1.0	AMR speech Codec; Transc	oding Functions	S4	Erik Ekudden	$\checkmark$
planned / <b>Release 1999</b> achieved: June 99	general remarks: version-specific remarks:	Transfer>TSG#4			
TS <b>26.091</b> v 3.1.0	AMR speech Codec; Error co	oncealment of lost frames	S4	Erik Ekudden	$\checkmark$
planned / <b>Release 1999</b> achieved: June 99	general remarks: version-specific remarks:	Transfer>TSG#4			
TS 26.092 v 3.0.1 Release 1999	AMR speech Codec; comfor Traffic Channels	t noise for AMR Speech	S4	Erik Ekudden	✓
blanned / achieved: June 99	general remarks: version-specific remarks:	Transfer>TSG#4			
TS <b>26.093</b> v 3.1.0	AMR speech Codec; Source	Controlled Rate operation	S4	Erik Ekudden	$\checkmark$
planned / Release 1999	general remarks:	Transfer>TSG#4			
achieved: June 99	version-specific remarks:				
rS 26.094 v 3.0.0 Release 1999	AMR Speech Codec; Voice A Speech Traffic Channels	Activity Detector for AMR	S4		✓
planned / achieved: Oct 99	general remarks:	Transfer>TSG#4			
	version-specific remarks:	<u>.</u>	<u>.</u>		
TS 26.101 v 3.0.0	AMR speech Codec; Frame	Structure	S4	Jari Hagqvist	$\checkmark$
blanned / <b>Release 1999</b> achieved: Dec 99	general remarks: version-specific remarks:				
TS <b>26.102</b> v 3.0.0	AMR speech Codec; Interfac		S4	Wiliam Navarro	✓
planned / <b>Release 1999</b> achieved: Dec 99	general remarks: version-specific remarks:		04	Willam Navano	
TS <b>26.103</b> v 3.0.0	Codec lists		S4	Karl Hellwig	$\checkmark$
blanned / <b>Release 1999</b> achieved: Dec 99	general remarks: version-specific remarks:	New after TSG#5		, i i i i i i i i i i i i i i i i i i i	
TS <b>26.104</b> v 0.1.0	AMR speech Codec; Floating	a point C-Code	S4		<b>~</b>
blanned / Release 1999	general remarks:				
achieved: Mar 00	version-specific remarks:	New at TSG#6			
TS 26.110 v 3.0.1 Release 1999	Codec for Circuit switched M Service; General Description		S4	Barry Aronson	✓
planned /	general remarks:				
achieved: June 99	version-specific remarks:				
TS 26.111 v 3.1.0 Release 1999	Codec for Circuit switched M Service; Modifications to H.3	324	S4	Barry Aronson	✓
olanned /	general remarks:	CR at TSG#5			

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			TSG/WG	editor	available
S	26.121 v 0.0.0 Release 2000	Technical Specification for Tandem Free Operation within 3G networks	S4		
blanned /		general remarks:			
cnie	eved: Mar 00	version-specific remarks:			
S	26.122 v 0.0.0 Release 2000	Technical Specification for Tandem Free Operation between 3G and 2G networks	S4		
	ned / eved: Mar 00	general remarks: version-specific remarks:			
S	<b>26.131</b> v 3.0.0 <b>Release 1999</b>	Narrow Band (3,1kHz) Speech & Video Telephony Terminal Acoustic Characteristics	S4	Ian Goetz	$\checkmark$
lanr	ned /	general remarks:			
chie	eved: Dec 99	version-specific remarks:			
S	26.132 v 0.0.1 Release 1999	Narrow Band (3,1kHz) Speech & Video Telephony Terminal Acoustic Test Specification.	S4	Ian Goetz	$\checkmark$
	ned /	general remarks:			
CITIE	eved: June 00	version-specific remarks: Feb00: 0.0.1			
R	26.911 v 3.2.0 Release 1999	Codec for Circuit switched Multimedia Telephony Service;Terminal Implementor's Guide	S4	Petri Haavisto	$\checkmark$
	ned / eved: June 99	general remarks: CR at TSG#5 version-specific remarks:			
R	26.912 v 1.0.0 Release 1999	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G	S4	Olle Franceschi	✓
	ned / eved: Mar 00	general remarks: version-specific remarks:			
R	26.913 v 0.0.1 Release 1999	Quantitative performance evaluation of real-time packet switched multimedia services over 3G	S4	Harri Honko	$\checkmark$
	ned / eved: Mar 00	general remarks: version-specific remarks:			
R	26.915 v 0.0.0 Release 1999	QoS for Speech and Multimedia Codec; Quantitative performance evaluation of real-time packet switched multimedia services over 3G	S4	Ian Goetz	
	ned / eved: Mar 00	general remarks: version-specific remarks:			
R	<b>26.920</b> v 0.1.1	Architectural Model for the 3G Transcoders	S4	William Navarro	$\checkmark$
	ned / Release 2000 eved: tbd	general remarks: version-specific remarks:			
R	<b>26.975</b> v 1.1.0	Performance characterization of the AMR speech codec	S4	Erik Ekudden	$\checkmark$
	ned / Release 1999	general remarks:			
chie	eved: Mar 00	version-specific remarks: was 25.075; Feb00: 1.1.0			
S	27.001 v 3.3.0 Release 1999	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Eric Colban	$\checkmark$
	ned / eved: April 99	general remarks: CR at TSG#4 (post TSG#4 version-specific remarks:	approval)CF	? at TSG#5?	
S	27.002 v 3.2.0 Release 1999	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	Eric Colban	✓
	ned / eved: April 99	general remarks: CR at TSG#4 (post TSG#4 version-specific remarks:	approval)		
ſS	27.003 v 3.2.0 Release 1999	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3	Eric Colban	$\checkmark$
	ned /	general remarks: CR at TSG#4 (+post TSG#	4		

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				TSG/WG	editor	availab
TS 27.005 Rele	v 3.1.0 a <b>se 1999</b>	Use of Data Terminal Equip terminating Equipment (DTE Message Service (SMS) and (CBS)	E - DCE) interface for Short	T2	lan Harris	
planned / achieved: June §	99	general remarks: version-specific remarks:				
TS 27.007	v 3.3.0	AT command set for 3G Use	er Equipment (UE)	T2	Lars Novak	$\checkmark$
planned / <b>Rele</b> achieved: June 9	<b>ase 1999</b> 99	general remarks: version-specific remarks:	CR at TSG#4,CR at TSG#5			
TS <b>27.010</b> Rele	v 3.2.0 ase 1999	Terminal Equipment to User multiplexer protocol User E		T2	Lars Novak	$\checkmark$
planned / achieved: June §	99	general remarks: version-specific remarks:	CR at TSG#4,CR at TSG#5 additional CR for R99 on UM	ITS amendi	ments expected at TS	SG-T#7
TS 27.060	v 3.3.0	GPRS Mobile Stations supp	orting GPRS	N3	Graham Heaton	$\checkmark$
planned / <b>Rele</b> achieved: April 9	<b>ase 1999</b> 9	general remarks: version-specific remarks:	CR at TSG#4 (+post TSG#4	approval),	CR at TSG#5	
TS 27.103	v 3.0.0	Wide Area Network Synchro	onisation	T2	Rob Lockhart	$\checkmark$
planned / <b>Rele</b> achieved: Oct 99	ase 1999 )	general remarks: version-specific remarks:				
TR 27.901	v 3.0.0	Report on Terminal Interface	es - An Overview	T2	Thomas Rex	$\checkmark$
plainicu /	ase 1999	general remarks:				
achieved: Dec 9	9	version-specific remarks:				
TR 27.903	v 3.0.0	Discussion of Synchronisati	on Standards	T2	Rob Lockhart	$\checkmark$
planned / <b>Rele</b> achieved: Oct 99	ase 1999 )	general remarks: version-specific remarks:				
TS 28.062 Rele	v 0.0.0 ase 2000	Inband Tandem Free Opera Codecs; Service Description	· / ·	S4		
planned / achieved: June (	00	general remarks: version-specific remarks:	Transfer>TSG#4			
TS 29.002	v 3.3.1	Mobile Application Part (MA	P)	N2B		$\checkmark$
planned / <b>Rele</b> achieved: April 9	<b>ase 1999</b> 9	general remarks: version-specific remarks:	CR at TSG#4,CR at TSG#5			
TS 29.007 Rele	v 3.3.0 ase 1999	General requirements on Int PLMN and the ISDN or PST		N3	Norbert Klehn	$\checkmark$
planned / achieved: April 9	9	general remarks: version-specific remarks:	CR at TSG#4 (post TSG#4 a	approval), C	CR at TSG#5	
TS 29.010 Rele	v 3.1.0 ase 1999	Information Element Mappir Base Station System (MS - System - Mobile-services Sy MCS) Signalling Procedures Part (MAP)	BSS) and Base Station witching Centre (BSS -	N2B		
planned / achieved: Oct 99	)	general remarks: version-specific remarks:	Transfer>TSG#4 (transfer??)	)		
TS 29.011	v 3.0.0	Signalling Interworking for S	upplementary Services	NSS		$\checkmark$
planned / Rele achieved: April 9	<b>ase 1999</b> 9	general remarks: version-specific remarks:				
TS 29.013 Rele	v 3.0.0 ase 1999	Signalling interworking betw services Application Service Application Part (MAP) prote	Element (ASE) and Mobile	NSS		$\checkmark$
planned / achieved: Oct 99	)	general remarks: version-specific remarks:	Transfer>TSG#4			
TS 29.016 Rele	v 3.0.0 ase 1999	Serving GPRS Support Mod Register (VLR); Gs Interface Specification		N1		$\checkmark$
planned / achieved: April 9	9	general remarks: version-specific remarks:				

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S	29.018 v 3.2.0 Release 1999	Serving GPRS Support Mode Register (VLR); Gs Interface		N1		
	ned / eved: April 99	general remarks: version-specific remarks:	CR at TSG#4,CR at TSG#5			
S	29.060 v 3.3.0 Release 1999	GPRS Tunnelling protocol (G interface	GTP) across the Gn and Gp	N2B	Tom Eric Ask	✓
	ned / eved: April 99	general remarks: version-specific remarks:	CR at TSG#4,CR at TSG#5			
S	29.061 v 3.2.0 Release 1999	General Packet Radio Servic between the Public Land Mol supporting GPRS and Packe	bile Network (PLMN)	N3	Graham Heaton	✓
	ned / eved: April 99	general remarks: version-specific remarks:	CR at TSG#4 (+post TSG#4	approval)		
S	<b>29.078</b> v 3.2.0	CAMEL; Stage 3		N2A	Jan Ellsberger	$\checkmark$
	ned / Release 1999 eved: Oct 99	general remarks:	Transfer>TSG#4			
		version-specific remarks:	CR@TSG#6, note version ch	•	not avallable, 3.1.0 was	
S	29.119 v 1.0.0 Release 1999	GPRS Tunnelling Protocol (C Gateway Location Register (	, <b>,</b>	N2B		✓
	ned /	general remarks:	New after TSG#5			
chie	eved: Mar 00	version-specific remarks:	Functionally frozen by CN#6, R99	CN#7 is th	e new target for approva	al as par
S	29.120 v 1.0.0 Release 1999	Mobile Application Part (MAR Location Register (GLR); sta		N2B		$\checkmark$
	ned /	general remarks:	New after TSG#5			
chie	eved: Mar 00	version-specific remarks:	Functionally frozen by CN#6, R99	CN#7 is th	e new target for approva	al as par
S	<b>31.101</b> v 3.0.0 <b>Release 1999</b>	UICC-terminal interface; Phy characteristics	vsical and logical	Т3	Rune Lindholm / Peter	✓
	ned / eved: Dec 99	general remarks: version-specific remarks:				
S	<b>31.102</b> v 3.0.0	Characteristics of the USIM	Application	Т3	M. Kobayashi and Ch.	<ul> <li>✓</li> </ul>
	ned / Release 1999	general remarks:				
ichie	eved: Dec 99	version-specific remarks:				
S	<b>31.110</b> v 3.0.0 Release 1999	Numbering system for teleco applications	mmunication IC card	Т3	Christian Dietrich	✓
	ned / eved: Dec 99	general remarks: version-specific remarks:				
S	<b>31.111</b> v 1.0.0	USIM Application Toolkit (US	SAT)	Т3	Kristian Woodsend	$\checkmark$
	ned / Release 1999	general remarks:				
ichie	eved: Mar 00	version-specific remarks:				
S	<b>31.120</b> v 0.0.0	Terminal tests for the UICC I	Interface	T3	Klaus Vedder	
	ned / <b>Release 1999</b> eved: June 00	general remarks: version-specific remarks:	based on R99 core spec			
S	<b>31.121</b> v 0.0.0	UICC Test Specification		Т3	Klaus Vedder	
	ned / <b>Release 1999</b> eved: June 00	general remarks: version-specific remarks:	based on R99 core spec			
S	32.005 v 3.0.0 Release 1999	GSM call and event data for domain	the Circuit Switched (CS)	S5	lan Deakin	✓
	ned / eved: Jun 00	general remarks: version-specific remarks:	Transfer>TSG#4 (withdrawn Title change	but later re	instated)	
	22.045	GSM Charging Packet Switc	ç	S5	lan Deakin	✓
гs	<b>32.015</b> v 3.0.0					

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TS <b>32.101</b> v 3.0.0 Release 1999	3G Telecom Management principles and high level requirements	S5	Michael Truss	$\checkmark$
lanned /	general remarks:			
chieved: Mar 00	version-specific remarks: Outstanding R99 issues			
S 32.102 v 3.0.0	3G Telecom Management Architecture	S5	Tommy Berggren	$\checkmark$
anned / Release 199	general remarke.			
chieved: Mar 00	version-specific remarks: Outstanding R99 issues			
S 32.104 v 3.0.0	3G Performance Management	S5	Karl-Heinz Nenner	$\checkmark$
anned / Release 199	general remarke.			
chieved: Mar 00	version-specific remarks: Outstanding R99 issues			
S 32.105 v 0.0.1	3G Charging call event data	S5	lan Deakin	$\checkmark$
anned / Release 199	general temarks.			
chieved: June 00	version-specific remarks: New at TSG#6			
6 <b>32.106</b> v 1.1.0	3G Configuration Management	S5	Thomas Tovinger	$\checkmark$
anned / Release 199	general remarks:			
chieved: Mar 00	version-specific remarks: Outstanding R99 issues			
S <b>32.111</b> v 1.1.0	3G Fault Management	S5	Gaetano Cicchitto	$\checkmark$
anned / Release 199	general remarks:			
chieved: Jun 00	version-specific remarks: Outstanding R99 issues			
S 33.102 v 3.3.1	Security Architecture	S3	Bart Vinck	$\checkmark$
anned / Release 199	general remarks: CR at TSG#4,CR at TSG#5			
hieved: Mar 00	version-specific remarks:			
5 <b>33.103</b> v 3.1.0	Security Integration Guidelines	S3	Bart Vinck	$\checkmark$
anned / Release 199	general remarks:			
chieved: Oct 99	version-specific remarks:			
S 33.105 v 3.2.0	Cryptographic Algorithm requirements	S3	Bart Vinck	$\checkmark$
lanned / Release 199		•••		
chieved: June 99	version-specific remarks:			
S <b>33.106</b> v 3.1.0	Lawful interception requirements	S3	Bart Vinck	✓
lanned / Release 1999		00	Dart Villok	
chieved: Jun 00	version-specific remarks:			
S 33.107 v 3.0.0	Lawful interception architecture and functions	S3		~
lanned / Release 1999		33		
chieved: Dec 99	general remarks: version-specific remarks: New at TSG#6 and immedia	toly approv	odl	
	,			✓
S 33.120 v 3.0.0 apped / Release 1999	Security Objectives and Principles	S3	Tim Wright	V
anned / <b>Release 199</b> chieved: April 99	general remarks.			
-	version-specific remarks:			
R 33.900 v 1.2.0	Guide to 3G security	S3		$\checkmark$
anned / Release 1999 chieved: Mar 00	general remainer			
	version-specific remarks: New at TSG#6			
R 33.901 v 3.0.0	Criteria for cryptographic Algorithm design process	S3	Vinck Bart	$\checkmark$
anned / Release 199	general remaine.			
chieved: June 99	version-specific remarks:			
R 33.902 v 3.1.0	Formal Analysis of the 3G Authentication Protocol	S3		$\checkmark$
lanned / Release 199	general remarks:			
chieved: Oct 99	version-specific remarks:			
S <b>34.108</b> v 0.0.1	Common Test Environments for User Equipment (UE)	T1	Lidia Salmeron	$\checkmark$
Release 199				
anned / chieved: June 00	general remarks:			
	version-specific remarks:			

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TS <b>34.109</b> v 1.1.0	Logical Test Interface (TDD and FDD)	T1	Leif Mattisson	$\checkmark$
blanned / Release 1999	general remarks:			
achieved: June 00	version-specific remarks: Feb00: 1.1.0			
TS 34.121 v 1.7.2 Release 1999	Terminal Conformance Specification, Radio Transmission and Reception (FDD)	T1	Kenji Higuchi	$\checkmark$
blanned /	general remarks:			
achieved: Mar 00	version-specific remarks: RAN documents are underg therefore not be stabilized to		ntial changes and 34.1	21 can
TS <b>34.122</b> v 1.0.0 Release 1999	Terminal Conformance Specification, Radio Transmission and Reception (TDD)	T1	Thomas Maucksch	$\checkmark$
lanned /	general remarks:			
achieved: June 00	version-specific remarks:			
TS <b>34.123-1</b> v 1.0.0 <b>Release 1999</b>	UE Conformance Specification, Part 1 – Conformance specification	T1	Lidia Salmeron	$\checkmark$
blanned / achieved: June 00	general remarks: version-specific remarks:			
S <b>34.123-2</b> v 1.0.0	UE Conformance Specification, Part 2 – ICS	T1	Shicheng Hu	$\checkmark$
blanned / <b>Release 1999</b> achieved: June 00	general remarks: version-specific remarks:			
TS <b>34.123-3</b> v 0.0.0 Release 1999	UE Conformance Specification, Part 3 – Abstract Test suites	T1	Shicheng Hu	
blanned / achieved: Mar 01	general remarks: version-specific remarks:			
TS 34.124 v 1.2.2 Release 1999	Electro-Magnetic Compatibility (EMC) for Terminal equipment - stage 1	T1	Ole Soerensen	$\checkmark$
blanned / achieved: Mar 00	general remarks: version-specific remarks:			
TR <b>34.907</b> v 3.0.0	Report on electrical safety requirements and regulations	T2	Eiji limori	$\checkmark$
blanned / <b>Release 1999</b> achieved: Oct 99	general remarks: version-specific remarks:			
TR <b>34.910</b> v 0.0.1 <b>Release 2000</b>	Conformance Test specifications – Relevant for Regulatory use	T1	Bjarke Nielsen	
blanned /	general remarks:			
achieved: Mar 01	version-specific remarks:			
TR <b>34.925</b> v 3.0.0 Release 1999	Specific Absorption Rate (SAR) requirements and regulations in different regions	T2	Sven Johnsson	✓
blanned / achieved: June 99	general remarks: version-specific remarks:			