

Source: OP Meeting

Title: 1999 results from 3GPP

Agenda item: 6

Document for:

Decision	
Discussion	
Information	X

1 Introduction

A comprehensive report of the results obtained from 3GPP during 1999 is expected to be received from the TSG SA Chairman during the PCG meeting on 19-20 January.

This document provides a high level overview of the results obtained for the information of the Organizational Partners.

2 Results achieved in 1999

A considerable amount of work has been undertaken by the 3rd Generation Partnership Project during 1999. The TSGs have met on 5 occasions and numerous Working Group meetings have been held. This has led to the creation of **308 Technical Specifications and Reports**.

A status list is given at **Annex A** which gives the precise status of each Specification and Report, as at 12 January 00. This status list also shows which of the Specifications and Reports form "Release 99" and which will form the basis of "Release 00".

The meetings of the TSGs held in Nice, December 1999, led to the approval (Version 3) of more than 60% of the specifications which will form Release 1999. Many of the remaining ones will be approved (Version 3) during the March 2000 TSG meetings, but a small number will not be available until the June 2000 meeting. The status list at **Annex A** provides details of the expected availability of all Specifications and Reports.

The December 1999 TSG meetings identified outstanding issues, and these are tabulated in **Annex B**. This tabulation identifies each issue, the groups responsible to take action, and the expected date by which the issue should be resolved. The tabulation also shows which of the outstanding issues will form part of "Release 99" and which will form the basis of "Release 00". The Organizational Partners may wish to note that in the case of testing specifications, the delay is in some cases due to the unavailability of funding for specific tasks.

Annex A - 3GPP specifications status

Double-click the icon below to see the status report (Adobe .PDF).



3gstatus.pdf

Annex B - Identified outstanding issues at TSG#6 (Dec 99)

Open Issues for Release 99 List

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
Handover/ Cell Selection	Stage 1 for cell selection needed?	X				X – multi-mode report	X	X	March 2000 R99 Action Plan Needed
Multimedia Messaging	X ¹					X			March 2000 R99
Location Services (LCS)	X ¹	X	X ¹				X	X	
MultiCall	X ¹	X ¹					X		
HSCSD	X ³						X		March 2000 R99
Packet Issues (Incl. GPRS)	X ³ , Anonymous Access-Deleted	X Fair Charging					X ²		March 2000 R99
USAT	X ³					X			March 2000 R99
SoISA	X ³	X ³						X	
CAMEL Phase 3	X ³						X		March 2000 R99
CBS		X ¹				Technical Realization		X	March 2000 R99

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
Advanced Cell Broadcast	Is Stage 1 done?					Not R99			R00 or later
SMS						Technical Realization			March 2000 R99
MAP Security		X ¹	X ¹				X		Target March 2000 R99?
Enhanced User Confidentiality		X ¹	X ¹				X		Target March 2000 R99?
OSA	X ¹	X	X Tdoc SP-99592				X		Target March 2000 R99?
Universal Geographical Area Description (GAD)		X ³							March 2000 R99
No Valid Keypad in MS			X ¹				X		Target March 2000 R99?
No Encryption Case			Tdoc SP-99620				X		March 2000 R99
Authentication Failure message report			X ¹				X		Target March 2000 R99?
Tandem-Free for AMR				X					June 2000? R00?

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
Transcoder-Free (out-of-band signaling)				X (CN R99?)			X	X?	March 2000 R99
Terminal Acoustic Test Spec				X					June 2000 R99!
Quantitative Evaluation of H.324M over 3G Networks				X					March 2000 R99
Transmission aspects of Speech service in 3G networks				X					March 2000 R99
AMR Characterization Report				X					March 2000 R99
Floating Point Implementation for AMR				X					March 2000 R99
Telecom Mgmt - X.25 Decision; Add Security Section; IRP Framework					32.101 32.102, 32.104				March 2000 R99
Performance Mgmt. – x.25 Consistency; synchronization; performance measurement parameter issues					32.102, 32.104				March 2000 R99
Charging Issues					32.105 Desirable for March				June 2000 R99

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
Configuration Mgmt					32.106 Basic Spec for March				June 2000 R99
Fault Mgmt. Preparation for March					32.111 Desirable for March				June 2000 R99
Verify interoperation between S5 O&M and RAN O&M					X			X	March 2000 R99
Alternative AT Commands	Stage 1?					X			Not R99 R00?
Layer 3 Segmentation							->R00		R00?
Turbocharger							->R00		R00?
Call Forwarding Enhancement							X		March 2000 R99
Real Time Fax							X		March 2000 R99
UE Test Specs – FDD						X			March 2000 R99
UE Test Specs - TDD						X			June 2000 R99
UE Test Specs - Protocols						X			June 2000 R99
UE Test Specs - ATF						X			March 2001 R99

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
UE Test Environment						X			June 2000 R99
UE Test Interface						X			June 2000 R99
UE Test Specs - Proforma						X			June 2000 R99
UE Electromagnetic Compatibility						X			March 2000 R99
UE Capabilities	X					X	X	X	March 2000 R99
AT Commands						X			March 2000 R99
UE Multiplexer						X			March 2000 R99
UICC/ME Interface						X			March 2000 R99
USIM						X			March 2000 R99
UICC API						X			March 2000 R99
UICC Interface Test						X			June 2000 R99
UICC Test						X			June 2000 R99

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
RAN Performance ♦ Compressed mode with puncturing (Method A) ♦ DSCH (FDD+TDD) and USCH (TDD) on Iub ♦ Iu time alignment ♦ DSCH and USCH on Iur ♦ Tracing deactivation from CN ♦ CPCH (Common Packet Channel) ♦ Turbo interleaver ♦ Downlink Outer Loop Power control								X	March 2000 R99

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
<p>RAN Essential</p> <ul style="list-style-type: none"> ◆ Out-of-synch handling ◆ TDD cell parameter cycling ◆ Parity bit attachment to 0 bit transport block ◆ Support of soft handover during active compressed mode pattern ◆ Delay performance requirements ◆ Delayed activation at Radio Link establishment ◆ DRX parameter on lur ◆ Version handling and compatibility issues for lub/lur userplane protocols ◆ Capacity modelling of Node B resources ◆ Partial relocation procedure ◆ Physical channel reconfiguration procedure on lur ◆ Triggering of the Common Transport channel resources initiation procedure (selection of S CCPCH) ◆ Node B origination of SIBs on BCCH ◆ CPICH SIR Measurement 								X	<p>March 2000</p> <p>R99</p>

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
DS-41 Extensions								X	March 2000 R99
GLR							X		March 2000 R99
Base Station Testing								X	June 2000 R99
Vocabulary	X								March 2000 R99

1. This issue completed by this group but potential effect of open issues in other groups
2. CN Packet issues: GPRS Tunneling Protocol (GTP) Enhancements,
3. Specification ready but review recommended

For RAN items transferred to later releases, see Tdoc SP-99618

For details on TSG-SA issues, see Tdoc SP-99xxx

For details on TSG-RAN issues, see Tdoc SP-99628

For details on TSG-CN issues, see Tdoc SP-99602

For details on TSG-T issues, see Tdoc SP-99616

3GPP specifications status list

				TSG/WG	editor	available
TS	21.101	v 2.2.0 R99	3rd Generation mobile system Release 1999 Specifications <i>general remarks:</i> <i>version-specific remarks: Aprvl by e-mail post TSG#6: 2.1.0 - comments: 2.2.0</i>	S	John M Meredith	<input type="checkbox"/>
		stable: Dec 99				
TS	21.111	v 3.0.1 R99	USIM and IC card requirements <i>general remarks:</i> <i>version-specific remarks: CR@TSG#6</i>	T3	Günter Maringer	<input type="checkbox"/>
		stable: April 99				
TS	21.133	v 3.1.0 R99	Security Threats and Requirements <i>general remarks:</i> <i>version-specific remarks: CR@TSG#6</i>	S3	Per Christoffersson	<input type="checkbox"/>
		stable: April 99				
TR	21.900	v 3.2.0 R99	3GPP Working methods <i>general remarks: CR at TSG#5</i> <i>version-specific remarks:</i>	S		<input checked="" type="checkbox"/>
		stable: April 99				
TR	21.904	v 1.1.0 R99	UE Capability Requirements (UCR) <i>general remarks:</i> <i>version-specific remarks: TSG-T#7 is the new target for approval as part of R99</i>	T2	Craig Bishop	<input checked="" type="checkbox"/>
		stable: Mar 00				
TR	21.905	v 1.0.0 R99	3G Vocabulary <i>general remarks:</i> <i>version-specific remarks:</i>	S1	Michele Zarri	<input type="checkbox"/>
		stable: Dec 99				
TR	21.910	v 1.3.2 R99	Multi-mode UE issues <i>general remarks:</i> <i>version-specific remarks: TSG-T#7 is the new target for approval as part of R99</i>	T2	Sofi Persson	<input checked="" type="checkbox"/>
		stable: Mar 00				
TR	21.978	v 2.0.0 R99	Feasibility Technical Report – CAMEL Control of VoIP Services <i>general remarks: New (R00?)</i> <i>version-specific remarks: Not approved N#6.</i>	N2A	David Smith	<input type="checkbox"/>
		stable: Dec 99				
TS	22.001	v 3.1.0 R99	Principles of Telecommunication Services Supported by a GSM Public Land Mobile Network (PLMN) <i>general remarks: Transfer>TSG#5</i> <i>version-specific remarks: Transfer>TSG#5, CR@TSG#6</i>	S1		<input type="checkbox"/>
		stable:				
TS	22.002	v 3.2.0 R99	Bearer Services Supported by a GSM PLMN <i>general remarks: Transfer>TSG#4, CR at TSG#5</i> <i>version-specific remarks: CR@TSG#6</i>	S1		<input type="checkbox"/>
		stable: Oct 99				
TS	22.003	v 3.1.0 R99	Teleservices Supported by a GSM Public Land Mobile Network (PLMN) <i>general remarks: Transfer>TSG#5</i> <i>version-specific remarks: Transfer>TSG#5, CR@TSG#6</i>	S1		<input type="checkbox"/>
		stable:				
TS	22.004	v 3.1.0 R99	General on Supplementary Services <i>general remarks: Transfer>TSG#4, CR at TSG#5</i> <i>version-specific remarks: CR@TSG#6</i>	S1		<input type="checkbox"/>
		stable: Oct 99				
TS	22.011	v 3.1.0 R99	Service accessibility <i>general remarks: Transfer>TSG#4, CR at TSG#5</i> <i>version-specific remarks: CR@TSG#6</i>	S1		<input type="checkbox"/>
		stable: Oct 99				
TS	22.016	v 3.1.0 R99	International Mobile Equipment Identities (IMEI) <i>general remarks: Transfer>TSG#4, CR at TSG#5</i> <i>version-specific remarks: CR@TSG#6</i>	S1		<input type="checkbox"/>
		stable: Oct 99				
TS	22.022	v 3.0.1 R99	Personalisation of GSM ME Mobile functionality specification - Stage 1 <i>general remarks: Transfer>TSG#4, CR at TSG#5</i> <i>version-specific remarks:</i>	S3		<input checked="" type="checkbox"/>
		stable: Oct 99				

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			TSG/WG	editor	available
TS	22.024	v 3.0.1 R99	Description of Charge Advice Information (CAI)	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.030	v 3.2.0 R99	Man-Machine Interface (MMI) of the Mobile Station (MS)	S1	<input type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>	<i>CR@TSG#6</i>	
TS	22.034	v 3.1.0 R99	High Speed Circuit Switched Data (HSCSD) - Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.038	v 3.0.0 R99	SIM application toolkit (SAT); Stage 1	S1	<input type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4</i>	
			<i>version-specific remarks:</i>		
TS	22.041	v 3.1.0 R99	Operator Determined Call Barring	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.042	v 3.1.0 R99	Network Identity and Time Zone (NITZ), stage 1	S1	<input type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>	<i>CR@TSG#6</i>	
TS	22.043	v 3.0.1 R99	Support of Localised Service Area (SoLSA) - Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.053	v 0.1.1 R00	Tandem Free Operation of speech codecs; Stage 1 service description	S4	<input checked="" type="checkbox"/>
	stable:	tdb	<i>general remarks:</i>	<i>Transfer>TSG#4</i>	
			<i>version-specific remarks:</i>		
TS	22.057	v 3.0.1 R99	Mobile Station Application Execution Environment (MExE); Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.060	v 3.2.0 R99	General Packet Radio Service (GPRS); Stage 1	S1	<input type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>	<i>CR@TSG#6</i>	
TS	22.066	v 3.0.1 R99	Support of Mobile Number Portability (MNP); Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.067	v 3.0.1 R99	enhanced Multi-Level Precedence and Pre-emption service (eMLPP) - Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.071	v 3.2.0 R99	Location Services (LCS); Stage 1 (T1P1)	S1	<input type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>	<i>CR@TSG#6</i>	
TS	22.072	v 3.0.1 R99	Call Deflection (CD); Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.078	v 3.2.0 R99	CAMEL; Stage 1	S1	<input type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>	<i>CR@TSG#6</i>	

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			TSG/WG	editor	available
TS	22.079	v 3.0.1 R99	Support of Optimal Routing; Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.081	v 3.1.0 R99	Line Identification Supplementary Services; Stage 1	S1	<input type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>	<i>CR@TSG#6</i>	
TS	22.082	v 3.0.1 R99	Call Forwarding (CF) Supplementary Services; Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.083	v 3.0.1 R99	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.084	v 3.0.1 R99	MultiParty (MPTY) Supplementary Service; Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.085	v 3.1.0 R99	Closed User Group (CUG) Supplementary Services; Stage 1	S1	<input type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>	<i>CR@TSG#6</i>	
TS	22.086	v 3.1.0 R99	Advice of Charge (AoC) Supplementary Services; Stage 1	S1	<input type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.087	v 3.0.1 R99	User-to-user signalling (UUS); Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.088	v 3.0.1 R99	Call Barring (CB) Supplementary Services; Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.090	v 3.0.1 R99	Unstructured Supplementary Service Data (USSD); Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.091	v 3.0.1 R99	Explicit Call Transfer (ECT) Supplementary Service; Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.093	v 3.0.1 R99	Call Completion to Busy Subscriber (CCBS); Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.094	v 3.1.0 R99	Follow Me Stage 1	S1	<input type="checkbox"/>
	stable:	Dec 99	<i>general remarks:</i>	<i>Transfer>TSG#4. GSM only @TSG#5</i>	
			<i>version-specific remarks:</i>	<i>Transfer>TSG#6, CR @ TSG#6</i>	
TS	22.096	v 3.0.1 R99	Calling Name Presentation (CNAP); Stage 1 (T1P1)	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		
TS	22.097	v 3.1.0 R99	Multiple Subscriber Profile (MSP); Stage 1	S1	<input checked="" type="checkbox"/>
	stable:	Oct 99	<i>general remarks:</i>	<i>Transfer>TSG#4,CR at TSG#5</i>	
			<i>version-specific remarks:</i>		

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				TSG/WG	editor	available
TS	22.100	v 3.5.0 R99	UMTS Phase 1 <i>general remarks:</i> CR at TSG#4, CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	S1	Jean-Paul Gallaire	<input type="checkbox"/>
	stable:	April 99				
TS	22.101	v 3.8.0 R99	UMTS Service principles <i>general remarks:</i> CR at TSG#4, CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	S1	Paul Dwyer	<input type="checkbox"/>
	stable:	April 99				
TS	22.105	v 3.7.0 R99	Services & Service capabilities <i>general remarks:</i> CR at TSG#4, CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	S1	Wayne Ashwell	<input type="checkbox"/>
	stable:	April 99				
TS	22.115	v 3.2.0 R99	Service Aspects Charging and billing <i>general remarks:</i> CR at TSG#5? <i>version-specific remarks:</i>	S1	Emanuele Montegross	<input checked="" type="checkbox"/>
	stable:	April 99				
TS	22.121	v 3.1.0 R99	Provision of Services in UMTS - The Virtual Home Environment <i>general remarks:</i> CR at TSG#5? <i>version-specific remarks:</i>	S1	Jumoke Ogunbekum	<input checked="" type="checkbox"/>
	stable:	June 99				
TS	22.129	v 3.2.0 R99	Handover Requirements between UMTS and GSM or other Radio Systems <i>general remarks:</i> CR at TSG#5? <i>version-specific remarks:</i> CR@TSG#6	S1	David Cooper	<input type="checkbox"/>
	stable:	April 99				
TS	22.135	v 3.1.0 R99	Multicall Stage1 <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	S1	Tommi Kokkola	<input type="checkbox"/>
	stable:	Dec 99				
TS	22.140	v 3.0.0 R99	Multimedia Messaging Service Stage 1 <i>general remarks:</i> New (development in T2) <i>version-specific remarks:</i>	S1	Gunnar Schmidt	<input type="checkbox"/>
	stable:	Dec 99				
TR	22.907	v 3.1.3 R99	Terminal concepts <i>general remarks:</i> CR at TSG#4 Not maintained <i>version-specific remarks:</i>	S1	Mika Tolvanen	<input checked="" type="checkbox"/>
	stable:	April 99				
TR	22.945	v 3.0.0 R99	Study of provision of fax service in GSM and UMTS <i>general remarks:</i> <i>version-specific remarks:</i>	T4/SM	Eric Colban	<input checked="" type="checkbox"/>
	stable:	Oct 99				
TR	22.960	v 3.0.1 R99	Mobile multimedia services <i>general remarks:</i> <i>version-specific remarks:</i>	S1	Thomas Ahnberg	<input checked="" type="checkbox"/>
	stable:	April 99				
TR	22.971	v 3.1.1 R99	Automatic establishment of roaming relationships <i>general remarks:</i> <i>version-specific remarks:</i>	S1	Emanuele Montegross	<input checked="" type="checkbox"/>
	stable:	April 99				
TR	22.975	v 3.1.0 R99	Advanced addressing <i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i>	S1	Stephan Kleier	<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.002	v 3.2.0 R99	Network Architecture <i>general remarks:</i> Transfer>TSG#4,CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6, Open issues to be finalized by TSG#7	S2	Alain Sultan	<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	23.003	v 3.3.0 R99	Numbering, Addressing and Identification <i>general remarks:</i> CR at TSG#4,CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	N2B		<input checked="" type="checkbox"/>
	stable:	April 99				

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				TSG/WG	editor	available
TS	23.007	v 3.2.0 R99	Restoration procedures <i>general remarks:</i> CR at TSG#4 <i>version-specific remarks:</i> CR@TSG#6	N2B		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.008	v 3.2.0 R99	Organisation of subscriber data <i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	N2B		<input type="checkbox"/>
	stable:	April 99				
TS	23.009	v 3.1.0 R99	Handover procedures <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	N1		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.011	v 3.0.0 R99	Technical Realization of Supplementary Services - General Aspects <i>general remarks:</i> <i>version-specific remarks:</i>	NSS		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.012	v 3.1.0 R99	Location registration procedures <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	N2B		<input type="checkbox"/>
	stable:	April 99				
TS	23.014	v 3.1.0 R99	Support of Dual Tone Multi Frequency (DTMF) signalling <i>general remarks:</i> Should not be in UMTS ???? <i>version-specific remarks:</i> CR@TSG#6	N1		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.015	v 3.1.0 R99	Technical realisation of Operator Determined Barring (ODB) <i>general remarks:</i> CR at TSG#4 <i>version-specific remarks:</i>	N2B	Ian Park	<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.016	v 3.3.0 R99	Subscriber data management - Stage 2 <i>general remarks:</i> CR at TSG#4, CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	N2B		<input type="checkbox"/>
	stable:	April 99				
TS	23.018	v 3.3.0 R99	Basic Call Handling - Technical realisation <i>general remarks:</i> CR at TSG#4, CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	N2B	Ian Park	<input type="checkbox"/>
	stable:	April 99				
TS	23.032	v 3.0.0 R99	Universal Geographical Area Description (GAD) <i>general remarks:</i> S2 responsibility? <i>version-specific remarks:</i>	S2		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.034	v 3.1.1 R99	High Speed Circuit Switched Data (HSCSD) - Stage 2 <i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i>	N1	Ian Harris	<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.038	v 3.3.0 R99	Alphabets & Language <i>general remarks:</i> CR at TSG#4, CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6, additional CR for R99 on SMS enhanced message content expected at TSG-T#7	T2	Ian Harris	<input checked="" type="checkbox"/>
	stable:	June 99				
TS	23.039	v 3.1.0 R99	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	T2	Ian Harris	<input checked="" type="checkbox"/>
	stable:	June 99				
TS	23.040	v 3.3.0 R99	Technical realisation of SMS Point to Point <i>general remarks:</i> CR at TSG#4, CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6, additional CR for R99 on SMS enhanced message content expected at TSG-T#7	T2	Ian Harris	<input checked="" type="checkbox"/>
	stable:	June 99				

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			TSG/WG	editor	available	
TS	23.041	v 3.1.0 R99	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	T2	<input checked="" type="checkbox"/>	
	stable: Oct 99		<i>general remarks:</i> Transfer>TSG#4 <i>version-specific remarks:</i> CR@TSG#6, additional CR for R99 on UMTS amendments expected at TSG-T#7			
TS	23.042	v 3.1.0 R99	Compression algorithm for SMS	T2	Ian Harris	<input checked="" type="checkbox"/>
	stable: June 99		<i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6			
TS	23.054	v 3.0.0 R99	Shared Interworking Functions - Stage 2	N3	Tommy Rostö	<input checked="" type="checkbox"/>
	stable: April 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TS	23.057	v 3.0.0 R99	Mobile Station Application Execution Environment (MExE)	T2	Mark Cataldo	<input checked="" type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TS	23.060	v 3.2.1 R99	General Packet Radio Service (GPRS) Service description; Stage 2	S2	Hans-Petter Naper	<input checked="" type="checkbox"/>
	stable: Mar 00		<i>general remarks:</i> Transfer>TSG#4, CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6, Open issues to be finalized by TSG#7 (expect 3.2.1 2000-01-12)			
TS	23.066	v 3.1.0 R99	Support of GSM Mobile Number Portability (MNP) stage 2	N2B		<input checked="" type="checkbox"/>
	stable: Oct 99		<i>general remarks:</i> Transfer>TSG#4, CR at TSG#5 <i>version-specific remarks:</i>			
TS	23.067	v 3.0.0 R99	Enhanced Multi-Level Precedence and Preemption Service (EMLPP) - Stage 2	NSS		<input checked="" type="checkbox"/>
	stable: April 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TS	23.072	v 3.2.0 R99	Call Deflection Supplementary Service - Stage 2	NSS		<input checked="" type="checkbox"/>
	stable: April 99		<i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6			
TS	23.073	v 3.0.0 R99	Support of Localised Service Area (SoLSA) - Stage 2	NSS		<input checked="" type="checkbox"/>
	stable: Oct 99		<i>general remarks:</i> Transfer>TSG#4 <i>version-specific remarks:</i>			
TS	23.078	v 3.3.0 R99	CAMEL Stage 2	N2A	Christian Hohmann/ Su	<input checked="" type="checkbox"/>
	stable: April 99		<i>general remarks:</i> CR at TSG#4, CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6			
TS	23.079	v 3.3.0 R99	Support of Optical Routeing - Phase 1 - Stage 2	N2B	Ian Park	<input type="checkbox"/>
	stable: April 99		<i>general remarks:</i> CR at TSG#4, CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6			
TS	23.081	v 3.0.0 R99	Line Identification Supplementary Services - Stage 2	NSS		<input checked="" type="checkbox"/>
	stable: April 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TS	23.082	v 3.1.0 R99	Call Forwarding (CF) Supplementary Services - Stage 2	NSS		<input checked="" type="checkbox"/>
	stable: April 99		<i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i>			
TS	23.083	v 3.1.0 R99	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service - Stage 2	NSS		<input checked="" type="checkbox"/>
	stable: April 99		<i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6			

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				TSG/WG	editor	available
TS	23.084	v 3.1.0 R99	MultiParty (MPTY) Supplementary Service - Stage 2 <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	NSS		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.085	v 3.0.0 R99	Closed User Group (CUG) Supplementary Service - Stage 2 <i>general remarks:</i> <i>version-specific remarks:</i>	NSS		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.086	v 3.0.0 R99	Advice of Charge (AoC) Supplementary Service - Stage 2 <i>general remarks:</i> <i>version-specific remarks:</i>	NSS		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.087	v 3.0.0 R99	User-to-User Signalling (UUS) - Stage 2 <i>general remarks:</i> <i>version-specific remarks:</i>	NSS		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.088	v 3.0.0 R99	Call Barring (CB) Supplementary Service - Stage 2 <i>general remarks:</i> <i>version-specific remarks:</i>	NSS		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.090	v 3.1.0 R99	Unstructured Supplementary Service Data (USSD) - Stage 2 <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	NSS		<input type="checkbox"/>
	stable:	April 99				
TS	23.091	v 3.1.0 R99	Explicit Call Transfer (ECT) Supplementary Service - Stage 2 <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	NSS		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.093	v 3.1.0 R99	Call Completion to Busy Subscriber (CCBS) - Stage 2 <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	NSS		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.094	v 3.0.0 R99	Follow Me Stage 2 <i>general remarks:</i> Transfer>TSG#4. GSM only @TSG#5 <i>version-specific remarks:</i> Transfer>TSG#6	CN		<input type="checkbox"/>
	stable:	Dec 99				
TS	23.096	v 3.0.0 R99	Name Identification Supplementary Service - Stage 2 <i>general remarks:</i> <i>version-specific remarks:</i>	NSS		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.097	v 3.1.0 R99	Multiple Subscriber Profile (MSP); Stage 2 <i>general remarks:</i> Transfer>TSG#4,CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	NSS		<input type="checkbox"/>
	stable:	Oct 99				
TS	23.101	v 3.0.1 R99	General UMTS Architecture <i>general remarks:</i> <i>version-specific remarks:</i>	S2	Magnus Olsson	<input checked="" type="checkbox"/>
	stable:	June 99				
TS	23.107	v 3.1.0 R99	Quality of Service, Concept and Architecture <i>general remarks:</i> was 23.907 <i>version-specific remarks:</i> CR@TSG#6	S2	Marc Greis	<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	23.108	v 3.1.0 R99	Mobile Radio Interface Layer 3 specification Core Network Protocols stage 2 (structured procedures) <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	N1		<input checked="" type="checkbox"/>
	stable:	June 99				
TS	23.110	v 3.3.0 R99	UMTS Access Stratum Services and Functions <i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	S2	Oscar Lopez – Torres	<input type="checkbox"/>
	stable:	Mar 00				

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				TSG/WG	editor	available
TS	23.116	v 1.0.0 R99	Super Charger - Stage 2 <i>general remarks:</i> New after TSG#5 <i>version-specific remarks:</i>	N2B	Nicholas Alen	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TS	23.119	v 1.0.0 R99	Gateway Location Register (GLR) - Stage2 <i>general remarks:</i> New after TSG#5 <i>version-specific remarks:</i> Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99	N2B	Masahiro Sawada	<input checked="" type="checkbox"/>
	stable:	Mar 00				
TS	23.121	v 3.2.0 R99	Architecture Requirements for release 99 <i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	S2	Liz Daniel	<input type="checkbox"/>
	stable:	June 99				
TS	23.122	v 3.1.0 R99	Non Access Stratum functions related to Mobile Station (MS) in idle mode <i>general remarks:</i> CR at TSG#4 <i>version-specific remarks:</i> Created at TSG#6, CR@TSG#6, Was 23.022?	N1		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	23.127	v 1.1.0 R99	Virtual Home Environment / Open Service Architecture <i>general remarks:</i> <i>version-specific remarks:</i>	S2	Rob Schmersel	<input type="checkbox"/>
	stable:	Mar 00				
TS	23.140	v 1.0.0 R99	Multimedia Messaging Service (MMS) Functional description-Stage 2 <i>general remarks:</i> <i>version-specific remarks:</i> TSG-T#7 is the new target for approval as part of R99	T2	Gunnar Schmidt	<input checked="" type="checkbox"/>
	stable:	Mar 00				
TS	23.146	v 1.0.0 R99	Technical realisation of facsimile Group 3 service- non-transparent <i>general remarks:</i> <i>version-specific remarks:</i> New @ TSG#6, Circuit switched type of Real time Non transparent FAX specification	N3	Junichuro Hagiwara	<input type="checkbox"/>
	stable:	Mar 00				
TS	23.153	v 1.0.0 R99	Out of Band Transcoder Control - Stage 2 <i>general remarks:</i> New after TSG#5 <i>version-specific remarks:</i>	N2B		<input checked="" type="checkbox"/>
	stable:	Dec 99				
TS	23.171	v 1.1.0 R99	Functional stage 2 description of location services in UMTS <i>general remarks:</i> <i>version-specific remarks:</i>	S2	Jan Káll	<input type="checkbox"/>
	stable:	Mar 00				
TR	23.814	v 3.1.0 R99	Separating RR and MM specific parts of the MS Classmark <i>general remarks:</i> New after TSG#5 <i>version-specific remarks:</i>	N1	F Yokota	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TR	23.821	v 0.0.0 R99	Architecture Requirements for release 2000 <i>general remarks:</i> New after TSG#5 <i>version-specific remarks:</i>	S2	Christer Lind	<input type="checkbox"/>
	stable:	June 00				
TR	23.908	v 3.0.0 R99	Technical report on Pre-Paging <i>general remarks:</i> <i>version-specific remarks:</i>	N2B		<input checked="" type="checkbox"/>
	stable:	June 99				
TR	23.909	v 3.0.0 R99	Technical report on the Gateway Location Register <i>general remarks:</i> <i>version-specific remarks:</i>	N2B		<input checked="" type="checkbox"/>
	stable:	June 99				
TR	23.910	v 3.0.0 R99	Circuit Switched Data Bearer Services <i>general remarks:</i> 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 <i>version-specific remarks:</i>	N3	Achim Braun / Erik Col	<input type="checkbox"/>
	stable:	Mar 00				

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				TSG/WG	editor	available
TR	23.911	v 3.0.0 R99	Technical report on Out-of-band transcoder control <i>general remarks:</i> <i>New</i> <i>version-specific remarks:</i>	N2		<input type="checkbox"/>
	stable:	Oct 99				
TR	23.912	v 3.0.0 R99	Technical report on Super-Charger <i>general remarks:</i> <i>New</i> <i>version-specific remarks:</i>	N2	Ian Sharp	<input type="checkbox"/>
	stable:	Oct 99				
TR	23.913	v 1.0.0 R99	Technical report on Turbo-Charger <i>general remarks:</i> <i>New after TSG#5</i> <i>version-specific remarks:</i>	N1	Sonia Doshi	<input type="checkbox"/>
	stable:	June 00				
TR	23.923	v 3.0.0 R99	Combined GSM and Mobile IP mobility handling in UMTS IP CN <i>general remarks:</i> <i>version-specific remarks:</i>	S2	Elisabeth Hubbard	<input type="checkbox"/>
	stable:	Dec 99				
TR	23.925	v 0.2.0 R99	UMTS Core network based ATM transport <i>general remarks:</i> <i>version-specific remarks:</i>	S2	Adel Rouz	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TR	23.927	v 0.1.0 R99	VHE, Open Service Architecture <i>general remarks:</i> <i>version-specific remarks:</i>	S1		<input checked="" type="checkbox"/>
	stable:	Dec 99				
TR	23.930	v 3.0.0 R99	Iu Principles <i>general remarks:</i> <i>version-specific remarks:</i>	S2		<input type="checkbox"/>
	stable:	June 99				
TR	23.972	v 0.0.3 R99	Multimedia Telephony <i>general remarks:</i> <i>New after TSG#5</i> <i>version-specific remarks:</i>	N1	Timo Kauhanen	<input type="checkbox"/>
	stable:	Dec 99				
TS	24.007	v 3.2.0 R99	Mobile Radio Interface Signalling Layer 3 - General Aspects <i>general remarks:</i> <i>Transfer>TSG#4,CR at TSG#5</i> <i>version-specific remarks:</i> <i>CR@TSG#6</i>	N1		<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	24.008	v 3.2.1 R99	Mobile Radio Interface Layer 3 specification; Core Network Protocols-Stage 3 <i>general remarks:</i> <i>CR correction produced 3.0.1, CR at TSG#5</i> <i>version-specific remarks:</i> <i>CR@TSG#6, editorial mod later</i>	N1		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	24.010	v 3.0.0 R99	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects <i>general remarks:</i> <i>version-specific remarks:</i>	NSS		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	24.011	v 3.1.0 R99	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface <i>general remarks:</i> <i>Transfer>TSG#4</i> <i>version-specific remarks:</i> <i>CR@TSG#6</i>	N1/T2		<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	24.012	v 3.0.0 R99	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface <i>general remarks:</i> <i>Transfer>TSG#4</i> <i>version-specific remarks:</i>	N2B/T		<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	24.022	v 3.2.0 R99	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 <i>general remarks:</i> <i>CR at TSG#4 (post TSG#4 approval) includes title change</i> <i>version-specific remarks:</i> <i>CR@TSG#6</i>	N3	Norbert Klehn	<input checked="" type="checkbox"/>
	stable:	April 99				

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TS	24.067	v 3.0.0 R99	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) - Stage 3	NSS	<input checked="" type="checkbox"/>
	stable:	April 99	<i>general remarks:</i> <i>version-specific remarks:</i>		
TS	24.072	v 3.0.0 R99	Call Deflection Supplementary Service - Stage 3	NSS	<input checked="" type="checkbox"/>
	stable:	April 99	<i>general remarks:</i> <i>version-specific remarks:</i>		
TS	24.080	v 3.1.0 R99	Mobile radio Layer 3 Supplementary Service specification - Formats and coding	NSS	<input checked="" type="checkbox"/>
	stable:	April 99	<i>general remarks:</i> <i>version-specific remarks:</i> T1P1 CR @TSG#6		
TS	24.081	v 3.0.0 R99	Line Identification Supplementary Service - Stage 3	NSS	<input checked="" type="checkbox"/>
	stable:	April 99	<i>general remarks:</i> <i>version-specific remarks:</i>		
TS	24.082	v 3.0.0 R99	Call Forwarding Supplementary Service - Stage 3	NSS	<input checked="" type="checkbox"/>
	stable:	April 99	<i>general remarks:</i> <i>version-specific remarks:</i>		
TS	24.083	v 3.0.0 R99	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service - Stage 3	NSS	<input checked="" type="checkbox"/>
	stable:	April 99	<i>general remarks:</i> <i>version-specific remarks:</i>		
TS	24.084	v 3.0.0 R99	MultiParty (MPY) Supplementary Service - Stage 3	NSS	<input checked="" type="checkbox"/>
	stable:	April 99	<i>general remarks:</i> <i>version-specific remarks:</i>		
TS	24.085	v 3.0.0 R99	Closed User Group (CUG) Supplementary Service - Stage 3	NSS	<input checked="" type="checkbox"/>
	stable:	April 99	<i>general remarks:</i> <i>version-specific remarks:</i>		
TS	24.086	v 3.0.0 R99	Advice of Charge (AoC) Supplementary Service - Stage 3	NSS	<input checked="" type="checkbox"/>
	stable:	April 99	<i>general remarks:</i> <i>version-specific remarks:</i>		
TS	24.087	v 3.0.0 R99	User-to-User Signalling (UUS) - Stage 3	NSS	<input checked="" type="checkbox"/>
	stable:	April 99	<i>general remarks:</i> <i>version-specific remarks:</i>		
TS	24.088	v 3.0.0 R99	Call Barring (CB) Supplementary Service - Stage 3	NSS	<input checked="" type="checkbox"/>
	stable:	April 99	<i>general remarks:</i> <i>version-specific remarks:</i>		
TS	24.090	v 3.0.0 R99	Unstructured Supplementary Service Data (USSD) - Stage 3	NSS	<input checked="" type="checkbox"/>
	stable:	April 99	<i>general remarks:</i> <i>version-specific remarks:</i>		
TS	24.091	v 3.0.0 R99	Explicit Call Transfer (ECT) Supplementary Service - Stage 3	NSS	<input checked="" type="checkbox"/>
	stable:	April 99	<i>general remarks:</i> <i>version-specific remarks:</i>		
TS	24.093	v 3.0.0 R99	Call Completion to Busy Subscriber (CCBS) - Stage 3	NSS	<input checked="" type="checkbox"/>
	stable:	April 99	<i>general remarks:</i> <i>version-specific remarks:</i>		

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TS	24.096	v 3.0.0 R99	Name Identification Supplementary Service - Stage 3 <i>general remarks:</i> <i>version-specific remarks:</i>	NSS		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	25.101	v 3.1.0 R99	UE Radio transmission and reception (FDD) <i>general remarks:</i> <i>version-specific remarks: CR@TSG#6</i>	R4	Edgar Fernandes	<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	25.102	v 3.1.0 R99	UE Radio transmission and reception (TDD) <i>general remarks:</i> <i>version-specific remarks: CR@TSG#6</i>	R4	Meik Kottkamp	<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	25.103	v 2.0.0 R99	RF parameters in support of RRM <i>general remarks:</i> <i>version-specific remarks:</i>	R4	Daniele Franceschini	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TS	25.104	v 3.1.0 R99	UTRA (BS) FDD; Radio transmission and reception <i>general remarks:</i> <i>version-specific remarks: CR@TSG#6</i>	R4	Johan Sköld	<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	25.105	v 3.1.0 R99	UTRA (BS) TDD: Radio transmission and reception <i>general remarks:</i> <i>version-specific remarks: CR@TSG#6</i>	R4	Meik Kottkamp	<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	25.113	v 3.0.0 R99	Base station EMC <i>general remarks:</i> <i>version-specific remarks:</i>	R4	Esa Barck	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TS	25.123	v 3.0.0 R99	RF parameters in support of RRM (TDD) <i>general remarks:</i> <i>version-specific remarks:</i>	R4	Daniele Franceschini	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TS	25.133	v 3.0.0 R99	RF parameters in support of RRM (FDD) <i>general remarks:</i> <i>version-specific remarks:</i>	R4	Daniele Franceschini	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TS	25.141	v 3.0.0 R99	Base station conformance testing (FDD) <i>general remarks:</i> <i>version-specific remarks:</i>	R4	Takaharu Nakamura	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TS	25.142	v 3.0.0 R99	Base station conformance testing (TDD) <i>general remarks:</i> <i>version-specific remarks:</i>	R4	Juergen Meyer	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TS	25.201	v 3.0.0 R99	Physical layer -General Description <i>general remarks:</i> <i>version-specific remarks:</i>	R1	Antti Toskala	<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	25.211	v 3.1.0 R99	Physical channels and mapping of transport channels onto physical channels (FDD) <i>general remarks:</i> <i>version-specific remarks: CR@TSG#6</i>	R1	Andreas Wilde	<input type="checkbox"/>
	stable:	Oct 99				
TS	25.212	v 3.1.0 R99	Multiplexing and channel coding (FDD) <i>general remarks:</i> <i>version-specific remarks: CR@TSG#6</i>	R1	Yoshinori Tanaka	<input type="checkbox"/>
	stable:	Oct 99				
TS	25.213	v 3.1.0 R99	Spreading and modulation (FDD) <i>general remarks:</i> <i>version-specific remarks: CR@TSG#6</i>	R1	Peter Chambers	<input type="checkbox"/>
	stable:	Oct 99				

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TS	25.214	v 3.1.0 R99	FDD; physical layer procedures <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	R1	Takehiro Nakamura	<input type="checkbox"/>
	stable:	Oct 99				
TS	25.215	v 3.1.0 R99	Physical layer; Measurements (FDD) <i>general remarks:</i> New <i>version-specific remarks:</i> CR@TSG#6	R1		<input type="checkbox"/>
	stable:	Oct 99				
TS	25.221	v 3.1.0 R99	Physical channels and mapping of transport channels onto physical channels (TDD) <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	R1	Katsuhiko Hiramatsu	<input type="checkbox"/>
	stable:	Oct 99				
TS	25.222	v 3.1.0 R99	Multiplexing and channel coding (TDD) <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	R1	Jussi Kahtava	<input type="checkbox"/>
	stable:	Oct 99				
TS	25.223	v 3.1.0 R99	Spreading and modulation (TDD) <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	R1	Kenji Ito	<input type="checkbox"/>
	stable:	Oct 99				
TS	25.224	v 3.1.0 R99	TDD; physical layer procedures <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	R1	Stefan Oestreich	<input type="checkbox"/>
	stable:	Oct 99				
TS	25.225	v 3.1.0 R99	Physical layer; Measurements (TDD) <i>general remarks:</i> New <i>version-specific remarks:</i> CR@TSG#6	R1		<input type="checkbox"/>
	stable:	Oct 99				
TS	25.301	v 3.3.0 R99	Radio Interface Protocol Architecture <i>general remarks:</i> CR at TSG#4, CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	R2	Wolfgang Granzow	<input checked="" type="checkbox"/>
	stable:	April 99				
TS	25.302	v 3.3.0 R99	Services provided by the physical layer <i>general remarks:</i> V3.0.0 approved via e-mail July 99 CR at TSG#5? <i>version-specific remarks:</i> CR@TSG#6 / revised implementation of CRs post #6	R2	Nathalie Ting	<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	25.303	v 3.3.0 R99	Interlayer procedures in connected mode <i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6 / revised implementation of CRs post #6	R2	Mikko J.Rinne	<input checked="" type="checkbox"/>
	stable:	June 99				
TS	25.304	v 3.1.0 R99	UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	R2	Tommi Leivonen	<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	25.305	v 3.0.0 R99	Stage 2 Functional Specification of Location Services in UTRAN (LCS) <i>general remarks:</i> Created from 25.923 <i>version-specific remarks:</i>	R2	David G Steer	<input checked="" type="checkbox"/>
	stable:	Mar 00				
TS	25.321	v 3.2.0 R99	MAC Protocol Specification <i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	R2	Armin Sitte	<input checked="" type="checkbox"/>
	stable:	June 99				
TS	25.322	v 3.1.1 R99	RLC Protocol Specification <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6 then edito->3.1.1	R2	Daniele Franceschini	<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	25.323	v 3.0.0 R99	Packet Data Convergence Protocol (PDCP) protocol <i>general remarks:</i> New <i>version-specific remarks:</i>	R2	Martin Hans	<input checked="" type="checkbox"/>
	stable:	Dec 99				

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				TSG/WG	editor	available
TS	25.324	v 3.0.0 R99	Radio Interface for Broadcast/Multicast Services <i>general remarks:</i> New <i>version-specific remarks:</i>	R2	Peter Krischan	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TS	25.331	v 3.1.0 R99	RRC Protocol Specification <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	R2	Richard Burbridge	<input type="checkbox"/>
	stable:	Oct 99				
TS	25.401	v 3.1.0 R99	UTRAN Overall Description <i>general remarks:</i> Approval at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	R3	Jean-Marie Calmel	<input type="checkbox"/>
	stable:	Oct 99				
TS	25.402	v 3.0.0 R99	Synchronisation in UTRAN Stage 2 <i>general remarks:</i> New <i>version-specific remarks:</i>	R3	Flavio Piolini	<input type="checkbox"/>
	stable:	Dec 99				
TS	25.410	v 3.1.0 R99	UTRAN Iu Interface: General Aspects and Principles <i>general remarks:</i> Approval at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	R3	Richard Townend	<input type="checkbox"/>
	stable:	Oct 99				
TS	25.411	v 3.1.0 R99	UTRAN Iu interface Layer 1 <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	R3	Achim Brandt	<input type="checkbox"/>
	stable:	June 99				
TS	25.412	v 3.2.0 R99	UTRAN Iu interface signalling transport <i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	R3	Kiran Thakare	<input type="checkbox"/>
	stable:	June 99				
TS	25.413	v 3.0.0 R99	UTRAN Iu interface RANAP signalling <i>general remarks:</i> <i>version-specific remarks:</i>	R3	Jyrki Jussila	<input type="checkbox"/>
	stable:	Dec 99				
TS	25.414	v 3.2.0 R99	UTRAN Iu interface data transport & transport signalling <i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	R3	David Comstock	<input type="checkbox"/>
	stable:	June 99				
TS	25.415	v 3.1.0 R99	UTRAN Iu interface user plane protocols <i>general remarks:</i> Approval at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	R3	Alain Maupin	<input type="checkbox"/>
	stable:	Oct 99				
TS	25.419	v 0.0.0 R99	UTRAN Iu interface: Cell broadcast protocols between SMS-CBC and RNC <i>general remarks:</i> <i>version-specific remarks:</i> New @TSG#6	R3	carolyn Taylor	<input type="checkbox"/>
	stable:	Mar 00				
TS	25.420	v 3.0.0 R99	UTRAN Iur Interface: General Aspects and Principles <i>general remarks:</i> <i>version-specific remarks:</i>	R3	Kiran Thakare	<input type="checkbox"/>
	stable:	Dec 99				
TS	25.421	v 3.0.0 R99	UTRAN Iur interface Layer 1 <i>general remarks:</i> <i>version-specific remarks:</i>	R3	Achim Brandt	<input checked="" type="checkbox"/>
	stable:	June 99				
TS	25.422	v 3.2.0 R99	UTRAN Iur interface signalling transport <i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	R3	Kiran Thakare	<input type="checkbox"/>
	stable:	June 99				
TS	25.423	v 3.0.0 R99	UTRAN Iur interface RNSAP signalling <i>general remarks:</i> <i>version-specific remarks:</i>	R3	Göran Rune	<input type="checkbox"/>
	stable:	Dec 99				

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			TSG/WG	editor	available	
TS	25.424	v 3.1.0 R99	UTRAN lur interface data transport & transport signalling for CCH data streams	R3	Nicolas Drevon	<input checked="" type="checkbox"/>
	stable: June 99		<i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i>			
TS	25.425	v 3.0.0 R99	UTRAN lur interface user plane protocols for CCH data streams	R3	Nicolas Drevon	<input type="checkbox"/>
	stable: Oct 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TS	25.426	v 3.1.0 R99	UTRAN lur and lub interface data transport & transport signalling for DCH data streams	R3	Sami Kekki	<input checked="" type="checkbox"/>
	stable: June 99		<i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i>			
TS	25.427	v 3.1.0 R99	UTRAN lur and lub interface user plane protocols for DCH data streams	R3	Fabio Longoni	<input type="checkbox"/>
	stable: Oct 99		<i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6			
TS	25.430	v 3.0.0 R99	UTRAN lub Interface: General Aspects and Principles	R3	Mick Wilson	<input type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TS	25.431	v 3.0.0 R99	UTRAN lub interface Layer 1	R3	Achim Brandt	<input checked="" type="checkbox"/>
	stable: June 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TS	25.432	v 3.1.0 R99	UTRAN lub interface signalling transport	R3	Mick Wilson	<input checked="" type="checkbox"/>
	stable: June 99		<i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i>			
TS	25.433	v 3.0.0 R99	UTRAN lub interface NBAP signalling	R3	Nobutaka Ishikawa	<input type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TS	25.434	v 3.1.0 R99	UTRAN lub interface data transport & transport signalling for CCH data streams	R3	Magnus Aldén	<input checked="" type="checkbox"/>
	stable: June 99		<i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i>			
TS	25.435	v 3.1.0 R99	UTRAN lub interface user plane protocols for CCH data streams	R3	Jean-Marie Calmel	<input type="checkbox"/>
	stable: Oct 99		<i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6			
TS	25.442	v 3.0.0 R99	UTRAN Implementation Specific O&M Transport	R3	Stephan Recker	<input checked="" type="checkbox"/>
	stable: Oct 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TR	25.831	v 0.0.2 R99	Study Items for future release	R3	Nicolas Drevon	<input checked="" type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TR	25.832	v 3.0.0 R99	Manifestations of Handover and SRNS relocation	R3	Richard Townend	<input checked="" type="checkbox"/>
	stable: Oct 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TR	25.921	v 3.0.0 R99	Guidelines and principles for protocol description and error handling	R2	Jean Dumazy	<input checked="" type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> <i>version-specific remarks:</i>			

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				TSG/WG	editor	available
TR	25.922	v 3.0.0 R99	Radio Resource Management Strategies <i>general remarks:</i> <i>version-specific remarks:</i>	R2	Nicola Pio Magnani	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TR	25.924	v 1.0.0 R99	Opportunity Driven Multiple Access (ODMA) <i>general remarks:</i> <i>version-specific remarks:</i>	R2	Alan Law	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TR	25.925	v 3.0.0 R99	Radio Interface for Broadcast/Multicast Services <i>general remarks:</i> <i>version-specific remarks:</i>	R2	Peter Krischan	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TR	25.926	v 1.0.0 R99	UE Radio Access capabilities definition <i>general remarks:</i> <i>New</i> <i>version-specific remarks:</i>	R2	Johan Lundsjo	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TR	25.931	v 1.2.2 R99	UTRAN Functions, examples on signalling procedures <i>general remarks:</i> <i>version-specific remarks:</i>	R3	Enrico Scarrone	<input type="checkbox"/>
	stable:	Dec 99				
TR	25.941	v 3.1.0 R99	Document structure <i>general remarks:</i> <i>version-specific remarks:</i> <i>CR@TSG#6</i>	R4	Tadao Takami	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TR	25.942	v 2.1.1 R99	RF system scenarios <i>general remarks:</i> <i>version-specific remarks:</i>	R4	Nadia Benabdallah	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TR	25.943	v 0.0.1 R99	Deployment aspects <i>general remarks:</i> <i>New</i> <i>version-specific remarks:</i>	R4	Johan Skold	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TR	25.990	v 3.0.0 R99	Vocabulary for UTRAN <i>general remarks:</i> <i>version-specific remarks:</i>	R4	Peter Okrah	<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	26.071	v 3.0.1 R99	AMR speech Codec; General description <i>general remarks:</i> <i>Transfer>TSG#4</i> <i>version-specific remarks:</i>	S4	Erik Ekudden	<input checked="" type="checkbox"/>
	stable:	June 99				
TS	26.073	v 3.0.0 R99	AMR speech Codec; C-source code <i>general remarks:</i> <i>Transfer>TSG#4</i> <i>version-specific remarks:</i> <i>approved TSG#6</i>	S4	Erik Ekudden	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TS	26.074	v 3.0.0 R99	AMR speech Codec; Test sequences <i>general remarks:</i> <i>Transfer>TSG#4</i> <i>version-specific remarks:</i>	S4	Erik Ekudden	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TS	26.075	v 1.0.0 R99	AMR speech Codec; Performance Charaterization of the GSM AMR Speech Codec <i>general remarks:</i> <i>Created TSG#6</i> <i>version-specific remarks:</i>	S4		<input checked="" type="checkbox"/>
	stable:					
TS	26.090	v 3.1.0 R99	AMR speech Codec; Transcoding Functions <i>general remarks:</i> <i>Transfer>TSG#4</i> <i>version-specific remarks:</i> <i>CR@TSG#6</i>	S4	Erik Ekudden	<input checked="" type="checkbox"/>
	stable:	June 99				
TS	26.091	v 3.1.0 R99	AMR speech Codec; Error concealment of lost frames <i>general remarks:</i> <i>Transfer>TSG#4</i> <i>version-specific remarks:</i> <i>CR@TSG#6</i>	S4	Erik Ekudden	<input checked="" type="checkbox"/>
	stable:	June 99				

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				TSG/WG	editor	available
TS	26.092	v 3.0.1 R99	AMR speech Codec; comfort noise for AMR Speech Traffic Channels <i>general remarks: Transfer>TSG#4</i> <i>version-specific remarks:</i>	S4	Erik Ekudden	<input checked="" type="checkbox"/>
		stable: June 99				
TS	26.093	v 3.1.0 R99	AMR speech Codec; Source Controlled Rate operation <i>general remarks: Transfer>TSG#4</i> <i>version-specific remarks: CR@TSG#6</i>	S4	Erik Ekudden	<input checked="" type="checkbox"/>
		stable: June 99				
TS	26.094	v 3.0.0 R99	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels <i>general remarks: Transfer>TSG#4</i> <i>version-specific remarks:</i>	S4		<input checked="" type="checkbox"/>
		stable: Oct 99				
TS	26.101	v 3.0.0 R99	AMR speech Codec; Frame Structure <i>general remarks:</i> <i>version-specific remarks:</i>	S4	Jari Haggvist	<input checked="" type="checkbox"/>
		stable: Dec 99				
TS	26.102	v 3.0.0 R99	AMR speech Codec; Interface to lu and Uu <i>general remarks:</i> <i>version-specific remarks:</i>	S4	Wiliam Navarro	<input checked="" type="checkbox"/>
		stable: Dec 99				
TS	26.103	v 3.0.0 R99	Codec lists <i>general remarks: New after TSG#5</i> <i>version-specific remarks:</i>	S4	Karl Hellwig	<input checked="" type="checkbox"/>
		stable: Dec 99				
TS	26.104	v 0.1.0 R99	AMR speech Codec; Floating point C-Code <i>general remarks:</i> <i>version-specific remarks: New at TSG#6</i>	S4		<input type="checkbox"/>
		stable: Mar 00				
TS	26.110	v 3.0.1 R99	Codec for Circuit switched Multimedia Telephony Service; General Description <i>general remarks:</i> <i>version-specific remarks:</i>	S4	Barry Aronson	<input checked="" type="checkbox"/>
		stable: June 99				
TS	26.111	v 3.1.0 R99	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324 <i>general remarks: CR at TSG#5</i> <i>version-specific remarks: CR@TSG#6</i>	S4	Barry Aronson	<input checked="" type="checkbox"/>
		stable: June 99				
TS	26.121	v 0.0.0 R00	Technical Specification for Tandem Free Operation within 3G networks <i>general remarks:</i> <i>version-specific remarks:</i>	S4		<input type="checkbox"/>
		stable: Dec 99				
TS	26.122	v 0.0.0 R00	Technical Specification for Tandem Free Operation between 3G and 2G networks <i>general remarks:</i> <i>version-specific remarks:</i>	S4		<input type="checkbox"/>
		stable: Dec 99				
TS	26.131	v 3.0.0 R99	Narrow Band (3.1kHz) Speech & Video Telephony Terminal Acoustic Characteristics <i>general remarks: New</i> <i>version-specific remarks:</i>	S4	Ian Goetz	<input checked="" type="checkbox"/>
		stable: Dec 99				
TS	26.132	v 0.0.0 R99	Narrow Band (3.1kHz) Speech & Video Telephony Terminal Acoustic Test Specification. <i>general remarks: New</i> <i>version-specific remarks:</i>	S4	Ian Goetz	<input type="checkbox"/>
		stable: June 00				
TR	26.911	v 3.2.0 R99	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide <i>general remarks: CR at TSG#5</i> <i>version-specific remarks: CR@TSG#6</i>	S4	Petri Haavisto	<input checked="" type="checkbox"/>
		stable: June 99				

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TR	26.912	v 1.0.0 R99	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G <i>general remarks:</i> <i>version-specific remarks:</i>	S4	Olle Franceschi	<input checked="" type="checkbox"/>
		stable: Mar 00				
TR	26.913	v 0.0.1 R99	Quantitative performance evaluation of real-time packet switched multimedia services over 3G <i>general remarks:</i> <i>version-specific remarks:</i>	S4	Harri Honko	<input checked="" type="checkbox"/>
		stable: Dec 00				
TR	26.915	v 0.0.0 R99	Transmission planning aspects of the services in 3G PLMN System <i>general remarks:</i> <i>version-specific remarks:</i>	S4	Ian Goetz	<input type="checkbox"/>
		stable: Mar 00				
TR	26.920	v 0.1.1 R00	Architectural Model for the 3G Transcoders <i>general remarks:</i> <i>version-specific remarks:</i>	S4	William Navarro	<input checked="" type="checkbox"/>
		stable: tbd				
TR	26.975	v 1.0.0 R99	AMR speech Codec; Performance Characterization of the GSM AMR Speech Codec <i>general remarks:</i> <i>version-specific remarks: was 25.075</i>	S4	Erik Ekudden	<input type="checkbox"/>
		stable: Mar 00				
TS	27.001	v 3.3.0 R99	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) <i>general remarks: CR at TSG#4 (post TSG#4 approval) CR at TSG#5?</i> <i>version-specific remarks: CR@TSG#6 (3.3.0 expected 2000-01-14 noon)</i>	N3	Eric Colban	<input type="checkbox"/>
		stable: April 99				
TS	27.002	v 3.2.0 R99	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities <i>general remarks: CR at TSG#4 (post TSG#4 approval)</i> <i>version-specific remarks: CR@TSG#6</i>	N3	Eric Colban	<input checked="" type="checkbox"/>
		stable: April 99				
TS	27.003	v 3.2.0 R99	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities <i>general remarks: CR at TSG#4 (+post TSG#4 approval)</i> <i>version-specific remarks: CR@TSG#6</i>	N3	Eric Colban	<input type="checkbox"/>
		stable: April 99				
TS	27.005	v 3.1.0 R99	Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE - DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) <i>general remarks:</i> <i>version-specific remarks: CR@TSG#6</i>	T2	Ian Harris	<input checked="" type="checkbox"/>
		stable: June 99				
TS	27.007	v 3.3.0 R99	AT command set for 3G User Equipment (UE) <i>general remarks: CR at TSG#4, CR at TSG#5</i> <i>version-specific remarks: CR@TSG#6 additional CR for R99 on UMTS amendments expected at TSG-T#7</i>	T2	Lars Novak	<input checked="" type="checkbox"/>
		stable: June 99				
TS	27.010	v 3.2.0 R99	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol User Equipment (UE) <i>general remarks: CR at TSG#4, CR at TSG#5</i> <i>version-specific remarks: additional CR for R99 on UMTS amendments expected at TSG-T#7</i>	T2	Lars Novak	<input checked="" type="checkbox"/>
		stable: June 99				
TS	27.060	v 3.3.0 R99	GPRS Mobile Stations supporting GPRS <i>general remarks: CR at TSG#4 (+post TSG#4 approval), CR at TSG#5</i> <i>version-specific remarks: CR@TSG#6</i>	N3	Graham Heaton	<input type="checkbox"/>
		stable: April 99				
TS	27.103	v 3.0.0 R99	Wide Area Network Synchronisation <i>general remarks: New</i> <i>version-specific remarks:</i>	T2	Rob Lockhart	<input checked="" type="checkbox"/>
		stable: Oct 99				

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				TSG/WG	editor	available
TR	27.901	v 3.0.0 R99	Report on Terminal Interfaces - An Overview <i>general remarks:</i> New <i>version-specific remarks:</i> TSG#6	T2	Thomas Rex	<input checked="" type="checkbox"/>
	stable:	Dec 99				
TR	27.903	v 3.0.0 R99	Discussion of Synchronisation Standards <i>general remarks:</i> New <i>version-specific remarks:</i>	T2	Rob Lockhart	<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	28.062	v 3.0.0 R00	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3 <i>general remarks:</i> Transfer>TSG#4 <i>version-specific remarks:</i>	S4		<input type="checkbox"/>
	stable:	June 00				
TS	29.002	v 3.3.0 R99	Mobile Application Part (MAP) <i>general remarks:</i> CR at TSG#4,CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	N2B		<input type="checkbox"/>
	stable:	April 99				
TS	29.007	v 3.3.0 R99	General requirements on Interworking between the PLMN and the ISDN or PSTN <i>general remarks:</i> CR at TSG#4 (post TSG#4 approval), CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6 (3.3.0 expected 2000-01-14 noon)	N3	Norbert Klehn	<input type="checkbox"/>
	stable:	April 99				
TS	29.010	v 3.1.0 R99	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) <i>general remarks:</i> Transfer>TSG#4 (transfer??) <i>version-specific remarks:</i> CR@TSG#6	N2B		<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	29.011	v 3.0.0 R99	Signalling Interworking for Supplementary Services <i>general remarks:</i> <i>version-specific remarks:</i>	NSS		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	29.013	v 3.0.0 R99	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols <i>general remarks:</i> Transfer>TSG#4 <i>version-specific remarks:</i>	NSS		<input checked="" type="checkbox"/>
	stable:	Oct 99				
TS	29.016	v 3.0.0 R99	Serving GPRS Support Mode SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification <i>general remarks:</i> <i>version-specific remarks:</i>	N1		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	29.018	v 3.2.0 R99	Serving GPRS Support Mode SGSN - Visitors Location Register (VLR); Gs Interface Layer 3 Specification <i>general remarks:</i> CR at TSG#4,CR at TSG#5 <i>version-specific remarks:</i>	N1		<input checked="" type="checkbox"/>
	stable:	April 99				
TS	29.060	v 3.3.0 R99	GPRS Tunnelling protocol (GPT) across the Gn and Gp interface <i>general remarks:</i> CR at TSG#4,CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	N2B	Tom Eric Ask	<input type="checkbox"/>
	stable:	April 99				
TS	29.061	v 3.2.0 R99	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet <i>general remarks:</i> CR at TSG#4 (+post TSG#4 approval) <i>version-specific remarks:</i> CR@TSG#6	N3	Graham Heaton	<input type="checkbox"/>
	stable:	April 99				
TS	29.078	v 3.2.0 R99	CAMEL; Stage 3 <i>general remarks:</i> Transfer>TSG#4 <i>version-specific remarks:</i> CR@TSG#6, note version changes are not available, 3.1.0 was not created	N2A	Jan Ellsberger	<input checked="" type="checkbox"/>
	stable:	Oct 99				

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TS	29.119	v 1.0.0 R99	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	N2B	<input checked="" type="checkbox"/>	
	stable: Mar 00		<i>general remarks:</i> New after TSG#5 <i>version-specific remarks:</i> Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99			
TS	29.120	v 1.0.0 R99	Mobile Application Part (MAP) specification for Gateway Location Register (GLR)- stage 3	N2B	<input checked="" type="checkbox"/>	
	stable: Mar 00		<i>general remarks:</i> New after TSG#5 <i>version-specific remarks:</i> Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99			
TR	30.504	v 2.2.0 R99	Work Plan and Study Items - RAN WG4	R4	Masaaki Iwasa	<input type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TR	30.531	v 0.5.0 R99	Work Plan and Study Items - RAN WG3	R3	Björn Ehrstedt	<input type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TR	30.801	v 1.0.0 R99	Overall Project Plan	S2	Alain Sultan	<input checked="" type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> New <i>version-specific remarks:</i>			
TR	30.802	v 1.0.0 R99	Project plan on Bearer Services and QoS	S2	Oscar Lopez-Torres	<input checked="" type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> New <i>version-specific remarks:</i>			
TR	30.804	v 1.0.0 R99	Project plan on GSM/UMTS Interoperation and Mobility Management	S2	François Courau	<input checked="" type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> New <i>version-specific remarks:</i>			
TR	30.806	v 1.0.0 R99	Project plan on Location based services	S2	Jan Käll	<input checked="" type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> New <i>version-specific remarks:</i>			
TR	30.808	v 1.0.0 R99	Project plan on Packet Architecture and Circuit Architecture	S2	Ulrich Dropmann	<input checked="" type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> New <i>version-specific remarks:</i>			
TR	30.810	v 1.0.0 R99	Project plan on Security	S2	Chris Pudney	<input checked="" type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> New <i>version-specific remarks:</i>			
TR	30.812	v 1.0.0 R99	Project plan on Services and Service platforms	S2	Rob Schmersel	<input checked="" type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> New <i>version-specific remarks:</i>			
TS	31.101	v 3.0.0 R99	UICC / Terminal Interface; Physical and Logical Characteristics	T3	Rune Lindholm / Peter	<input checked="" type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TS	31.102	v 3.0.0 R99	Characteristics of the USIM Application	T3	M. Kobayashi and Ch.	<input checked="" type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> <i>version-specific remarks:</i>			
TS	31.110	v 3.0.0 R99	Numbering system for telecommunication IC card applications	T3	Christian Dietrich	<input checked="" type="checkbox"/>
	stable: Dec 99		<i>general remarks:</i> New <i>version-specific remarks:</i>			

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TS	31.111	v 1.0.0 R99	USIM Application Toolkit (USAT) <i>general remarks:</i> New <i>version-specific remarks:</i>	T3	Kristian Woodsend	<input checked="" type="checkbox"/>
	stable:	Mar 00				
TS	31.120	v 0.0.0 R99	Terminal tests for the UICC Interface <i>general remarks:</i> New, based on R99 core spec <i>version-specific remarks:</i>	T3	Klaus Vedder	<input type="checkbox"/>
	stable:	June 00				
TS	31.121	v 0.0.0 R99	UICC Test Specification <i>general remarks:</i> New, based on R99 core spec <i>version-specific remarks:</i>	T3	Klaus Vedder	<input type="checkbox"/>
	stable:	June 00				
TS	32.005	v 3.0.0 R99	GSM charging CS domain <i>general remarks:</i> Transfer>TSG#4 (withdrawn but later reinstated) <i>version-specific remarks:</i> Title change	S5	Michael Sanders	<input type="checkbox"/>
	stable:	Jun 00				
TS	32.015	v 3.0.0 R99	GSM charging PS domain <i>general remarks:</i> Transfer>TSG#4 (withdrawn but later reinstated) <i>version-specific remarks:</i> Title change	S5	Michael Sanders	<input type="checkbox"/>
	stable:	Jun 00				
TS	32.101	v 3.0.0 R99	3G Telecom Management principles and high level requirements <i>general remarks:</i> <i>version-specific remarks:</i> Outstanding R99 issues	S5	Michael Truss	<input type="checkbox"/>
	stable:	Mar 00				
TS	32.102	v 3.0.0 R99	3G Telecom Management architecture <i>general remarks:</i> <i>version-specific remarks:</i> Outstanding R99 issues	S5	Tommy Berggren	<input type="checkbox"/>
	stable:	Mar 00				
TS	32.104	v 3.0.0 R99	3G Performance Management <i>general remarks:</i> New <i>version-specific remarks:</i> Outstanding R99 issues	S5	Karl-Heinz Nenner	<input type="checkbox"/>
	stable:	Mar 00				
TS	32.105	v 0.0.1 R99	3G charging call event data <i>general remarks:</i> <i>version-specific remarks:</i> New at TSG#6	S5	Michael Sanders	<input type="checkbox"/>
	stable:	June 00				
TS	32.106	v 1.1.0 R99	3G Configuration Management <i>general remarks:</i> New <i>version-specific remarks:</i> Outstanding R99 issues	S5	Thomas Tovinger	<input type="checkbox"/>
	stable:	Mar 00				
TS	32.111	v 1.1.0 R99	3G Fault Management <i>general remarks:</i> New <i>version-specific remarks:</i> Outstanding R99 issues	S5	Gaetano Cicchitto	<input type="checkbox"/>
	stable:	Jun 00				
TS	33.102	v 3.3.0 R99	Security Architecture <i>general remarks:</i> CR at TSG#4, CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	S3	Bart Vinck	<input type="checkbox"/>
	stable:	Mar 00				
TS	33.103	v 3.1.0 R99	Security Integration Guidelines <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	S3	Bart Vinck	<input type="checkbox"/>
	stable:	Oct 99				
TS	33.105	v 3.2.0 R99	Cryptographic Algorithm requirements <i>general remarks:</i> CR at TSG#5 <i>version-specific remarks:</i> CR@TSG#6	S3	Bart Vinck	<input type="checkbox"/>
	stable:	June 99				
TS	33.106	v 3.1.0 R99	Lawful interception requirements <i>general remarks:</i> <i>version-specific remarks:</i> CR@TSG#6	S3	Bart Vinck	<input type="checkbox"/>
	stable:	Jun 00				

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TS	33.107	v 1.0.0 R99	Lawful interception architecture and functions <i>general remarks:</i> <i>version-specific remarks:</i> <i>New at TSG#6</i>	S3		<input type="checkbox"/>
	stable:	Dec 99				
TS	33.120	v 3.0.0 R99	Security Objectives and Principles <i>general remarks:</i> <i>version-specific remarks:</i>	S3	Tim Wright	<input checked="" type="checkbox"/>
	stable:	April 99				
TR	33.900	v 1.0.0 R99	Guide to 3G security <i>general remarks:</i> <i>version-specific remarks:</i> <i>New at TSG#6</i>	S3		<input type="checkbox"/>
	stable:	Dec 99				
TR	33.901	v 3.0.0 R99	Criteria for cryptographic Algorithm design process <i>general remarks:</i> <i>version-specific remarks:</i>	S3	Vinck Bart	<input type="checkbox"/>
	stable:	June 99				
TR	33.902	v 3.1.0 R99	Formal Analysis of the 3G Authentication Protocol with Modified Sequence number Management <i>general remarks:</i> <i>version-specific remarks:</i> <i>CR@TSG#6</i>	S3		<input type="checkbox"/>
	stable:	Oct 99				
TS	34.108	v 0.0.1 R99	Common Test Environments for User Equipment (UE) Conformance Testing <i>general remarks:</i> <i>version-specific remarks:</i>	T1	Lidia Salmeron	<input checked="" type="checkbox"/>
	stable:	June 00				
TS	34.109	v 1.0.3 R99	Logical Test Interface (TDD and FDD) <i>general remarks:</i> <i>version-specific remarks:</i>	T1	Leif Mattisson	<input checked="" type="checkbox"/>
	stable:	June 00				
TS	34.121	v 1.5.0 R99	Terminal Conformance Specification, Radio Transmission and Reception (FDD) <i>general remarks:</i> <i>version-specific remarks:</i> <i>RAN documents are undergoing substantial changes and 34.121 can therefore not be stabilized to TSGT#7</i>	T1	Kenji Higuchi	<input checked="" type="checkbox"/>
	stable:	Mar 00				
TS	34.122	v 1.0.0 R99	Terminal Conformance Specification, Radio Transmission and Reception (TDD) <i>general remarks:</i> <i>version-specific remarks:</i>	T1	Thomas Maucksch	<input checked="" type="checkbox"/>
	stable:	June 00				
TS	34.123-1	v 1.0.0 R99	UE Conformance Specification, Part 1 – Conformance specification <i>general remarks:</i> <i>version-specific remarks:</i>	T1	Lidia Salmeron	<input checked="" type="checkbox"/>
	stable:	June 00				
TS	34.123-2	v 1.0.0 R99	UE Conformance Specification, Part 2 – ICS <i>general remarks:</i> <i>version-specific remarks:</i>	T1	Shicheng Hu	<input checked="" type="checkbox"/>
	stable:	June 00				
TS	34.123-3	v 0.0.0 R99	UE Conformance Specification, Part 3 – Abstract Test suites <i>general remarks:</i> <i>version-specific remarks:</i>	T1	Shicheng Hu	<input type="checkbox"/>
	stable:	Mar 01				
TS	34.124	v 1.2.2 R99	Electro-Magnetic Compatibility (EMC) for Terminal equipment - stage 1 <i>general remarks:</i> <i>version-specific remarks:</i>	T1	Ole Soerensen	<input checked="" type="checkbox"/>
	stable:	Mar 00				
TR	34.907	v 3.0.0 R99	Report on electrical safety requirements and regulations <i>general remarks:</i> <i>version-specific remarks:</i>	T2	Eiji Iimori	<input checked="" type="checkbox"/>
	stable:	Oct 99				

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TR	34.910	v 0.0.1 R99	Conformance Test specifications – Relevant for Regulatory use	T1	Bjarke Nielsen	<input checked="" type="checkbox"/>
	stable: Mar 01		<i>general remarks:</i> <i>New</i> <i>version-specific remarks:</i>			
TR	34.925	v 3.0.0 R99	Specific Absorption Rate (SAR) requirements and regulations in different regions	T2	Sven Johnsson	<input checked="" type="checkbox"/>
	stable: June 99		<i>general remarks:</i> <i>version-specific remarks:</i>			