Open Issues for Release 99 List

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
Vocabulary	X								
Handover	Cell Selection	X				X – multi-mode report	X	X	
Multimedia Messaging	(X)					X			
Location Services (LCS)	X	X	X				X	X	
MultiCall	X						X		
HSCSD	Stage 1						X		
GPRS	Stage 1	X					X		
SAT	Stage 1					X			
SolSA	Stage 1	X						X	
CAMEL Phase 3	Stage 1						X		
CBS		X				Technical Realization		X	
Advanced Cell Broadcast						Is Stage 1 done? Not R99			R00 or later
SMS						Technical Realization			
Packet Issues		Fair Charging; Anonymous Access-Deleted					X		
MAP Security		(X)	X				X		
Enhanced User Confidentiality		(X)	X				X		
OSA	X	X	(LS 592)				X		
Universal		X							

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Geographical Area Description (GAD)									
No Valid Keyset in MS			X				X		
No Encryption Case			33.102 (CR 041)				X		
Authentication Failure message report			X				X		
Tandem-Free for AMR				X					
Transcoder-Free (out-of-band signaling)				X (CN R99?)			X	?	
Terminal Acoustic Test Spec - June				X					
Quantitative Evaluation of H.324M over 3G Networks				X					
Transmission aspects of Speech service in 3G networks				X					
AMR Characterization Report - March									
Floating Point Implementation for AMR				X					
MPEG CRs				X					
Telecom Mgmt - X.25 Decision;					32.101 32.102,				

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Add Security Section; IRP Framework					32.104				
Performance Mgmt. – x.25 Consistency; synchronization; performance measurement parameter issues					32.102, 32.104				
Charging Issues – Move from June to March					32.105				
Configuration Mgmt - Normative Annexes to 32.106 for June					32.106				
Fault Mgmt. Preparation for March					32.111				
Verify interoperation between S5 O&M and RAN O&M									
Alternative AT Commands						Is Stage 1 Done? Not R99			R00 ?
Layer 3 Segmentation							R00		R00 ?
Turbocharger							R00		R00 ?
Call Forwarding Enhancement							X		
Real Time Fax							X		

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UE Test Specs – FDD						X			
UE Test Specs - TDD						X			
UE Test Specs - Protocols						X			
UE Test Specs - ATF						X			
UE Test Environment						X			
UE Test Interface						X			
UE Test Specs - Performance						X			
UE Electromagnetic Compatibility						X			
UE Capabilities	X					X	X	X	
AT Commands						X			
UE Multiplexer						X			
UICC/ME Interface						X			
USIM						X			
UICC API						X			
USAT						X			
UICC Interface Test						X			
UICC Test						X			

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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
RAN Essential • **Out-of-synch handling** • **TDD cell parameter cycling** • **Parity bit attachment to 0 bit transport block** • **Support of soft**								X	March 2000

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

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