

Open Issues for Release 99 List

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
North American Mobile Number Portability	X Completed (Editorial Modification needed)						X June 2000 but proposed for R99		June 2000 R99
Handover/ Cell Selection	Stage 1 for cell selection needed? NO for R99 Completed	X SMG2 work ongoing				X multi-mode report Completed	X Completed	X Completed except support on Iur of Handover for compressed mode June for R99	March 2000 R99 Action Plan Needed
Multimedia Messaging	X ¹ Completed					X Completed			March 2000 R99
3G Location Services (LCS) (Geographic)	X ¹ Completed	X CS part completed For PS part, only "hooks" defined on stage 2	X ¹ Same as GSM Completed				X June 2000 but proposed for R99	X Hooks for R99 completed New support required in RNC for	Hooks and Full Service R00

SP-000164

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
								CS June 2000 but proposed for R99	
MultiCall	X ¹ Completed but CR for inter MSC is needed	X ¹ Completed					X Completed Inter-MSC Handover not resolved		March 2000 R99
High Speed Circuit Data	X ³ Completed						X General bearer complete		March 2000 R99
Packet Issues (Incl. GPRS)	X ³ , Completed	X Completed: Fair Charging replaced with volume based charging				X Sept. 2000 but proposed for R99	X ² Completed		March 2000 R99
USAT	X ³ Pending CR					X Completed			March 2000 R99
SolSA	X ³ R00	X ³ Not reviewed						X R00	R00
CAMEL Phase 3	X ³ Completed						X Completed		March 2000

SP-000164

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
									R99
Cell Broadcast Service (CBS)		X ¹ Completed				X Completed		X Completed	March 2000 R99
Advanced Cell Broadcast	Stage 1 Not completed but complete for R00					X R00			R00 or later
SMS						X Completed			March 2000 R99
MAP Security		X ¹ Completed review for R99 Need R00 Review	X ¹ R00				X Not completed but can work for June R99		If target March 2000 is met, then R99 ⁴
Enhanced User Confidentiality		X ¹ Proposed to be postponed to R00	X ¹ Proposed to be postponed to R00				X Proposed to be postponed to R00		If target March 2000 is met, then R99 ⁴
OSA	X ¹ Completed	X Completed Open Alignment issues some parts postponed to R00	X No work Proposed to be postponed to R00				X Completed Open Alignment issues some parts postponed to R00		If target March 2000 is met, then R99

SP-000164

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
Universal Geographical Area Description (GAD)		X ³ Completed							March 2000 R99
No Valid Keypad in MS			X ¹ Completed				X No impact identified		If target March 2000 is met, then R99 ⁴
No Encryption Case			X ¹ Completed				X No impact identified		March 2000 R99
Authentication Failure message report			X ¹ Completed				X MAP complete MS behavior on failure open		If target March 2000 is met, then R99 ⁴
Tandem-Free for AMR				X June 2000					June 2000 soonest R00
Transcoder-Free (out-of-band signaling)		X Proposed to be postponed to R00		X ¹ Nothing was needed			X Proposed to be postponed to R00		If target March 2000 is met, then R99
Terminal Acoustic Test Spec				X June 2000 For R99					June 2000 R99!
Quantitative Evaluation of				X Completed					March 2000

SP-000164

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
H.324M over 3G Networks									R99
Transmission aspects of Speech service in 3G networks				X Completed					March 2000 R99
AMR Characterization Report				X Not Complete					March 2000 R99
Floating Point Implementation for AMR				X R99 in June					March 2000 R99
Telecom Mgmt - X.25 Decision; Add Security Section; IRP Framework					X Completed Map security dependant				March 2000 R99
Performance Mgmt. – x.25 Consistency; synchronization; performance measurement parameter issues					X Completed				March 2000 R99
Charging Issues					X Sept. 2000 but proposed for R99				June 2000 R99
Configuration Mgmt					X Completed				June 2000

SP-000164

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
					but annexes added in June				R99
Fault Mgmt. Preparation for March					X Completed but annexes added in June				June 2000 R99
Verify interoperation between S5 O&M and RAN O&M					X Completed			X Completed	March 2000 R99
Alternative to AT Commands						X Proposed to be postponed to R00			Not R99 R00?
Layer 3 Segmentation							X Proposed to be postponed to R00		Not R99 R00?
Turbocharger							X Proposed to be postponed to R00		Not R99 R00?
Call Forwarding Enhancement							X Completed		March 2000 R99

SP-000164

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
Real Time Fax							X Proposed to be postponed to R00		March 2000 R99
UE Test Specs – FDD						X Completed			March 2000 R99
UE Test Specs - TDD						X June 2000 but proposed for R99			June 2000 R99
UE Test Specs - Protocols						X June 2000 but proposed for R99 Some new tests delayed			June 2000 R99
UE Test Specs - ATS						X March 2001 but proposed for R99			March 2001 R99
UE Test Environment						X June 2000 but proposed for R99			June 2000 R99
UE Test Interface						X June 2000			June 2000

SP-000164

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
						but proposed for R99			R99
UE Test Specs - Proforma						X June 2000 but proposed for R99			June 2000 R99
UE Electromagnetic Compatibility						X March 2000 but proposed for R99			March 2000 R99
UE Capabilities	X No work Identified for S1					X Completed	X No work Identified for CN	X Completed	March 2000 R99
AT Commands						X Completed			March 2000 R99
UE Multiplexer						X Completed			March 2000 R99
UICC/ME Interface						X Completed			March 2000 R99
USIM						X Completed			March 2000 R99
UICC Application Identifiers						X Completed			March 2000 R99

SP-000164

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
UICC Interface Test						X Sept. 2000 but proposed for R99			June 2000 R99
UICC Test						X Sept. 2000 but proposed for R99			June 2000 R99
*RAN Performance									March 2000 R99
Compressed mode with puncturing (Method A)								X Completed	
DSCH (FDD+TDD) and USCH (TDD) on Iub								X Completed	
Iu time alignment								X Completed	
DSCH and USCH on Iur								X June 2000 but proposed for R99	
Tracing deactivation from CN								X Completed	

SP-000164

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
handover during active compressed mode pattern								Completed	
Delay performance requirements								X Completed	
Delayed activation at Radio Link establishment								X Completed	
DRX parameter on Iur								X Completed	
Version handling and compatibility issues for Iub/Iur userplane protocols								X Completed	
Capacity modeling of Node B resources								X Completed	
Partial relocation procedure								X Completed	
Physical channel reconfiguration procedure on Iur								X Completed	
Triggering of the Common Transport channel resources initiation procedure (selection of S CCPCH)								X Completed	

SP-000164

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
Node B origination of SIBs on BCCH								X Completed	
CPICH SIR Measurement								X Completed	
CPICH SIR Measurement								X Completed	
Performance Specifications								X June 2000 but proposed for R99	
RRM Performance Specifications								X June 2000 but proposed for R99	
DS-41 Extensions								X Completed	March 2000 R99
GLR								X Completed	March 2000 R99
Base Station Testing								X June 2000 but proposed for R99	June 2000 R99
Support of Transcoder in CN		X Completed						X Completed	March 2000

SP-000164

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finalization
									R99
Vocabulary	X ³ Completed	X ³ Completed	X ³	X ³	X ³	X ³ Work continues	X ³ Work continues	X ³	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
4. See Tdoc. SP-99622

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

For details on TSG-SA issues, see Tdoc SP-99634

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-99626

* The split of items in the RAN Items is a draft and has not been agreed in RAN.