Open Issues for Release 99 List

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finaliz
Handover/ Cell Selection	Stage 1 for cell selection needed?	X				X — multi- mode report	X	Xcompleted except support on Iur of Handover for compressed mode	March June 2000 R99 Action Plan Needed
Multimedia Messaging	X¹					X T2			March 2000 R99
3G Location Services (LCS) (Geographic)	X ¹	X	X^1				X	X Hooks for R99 completed New support required in RNC for CS for R99	Hooks and June 00 Full Service R00
MultiCall	X¹	X^1					X		March 2000 R99
High Speed Circuit Data	X ³						X		March 2000 R99
Packet Issues	X^3 ,	X					X^2		March

7 March.	

Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finaliz
									ation
(Incl. GPRS)	Anonymous	Fair							2000
	Access-	Charging							R99
	Deleted								
USAT	X^3					X			March
									2000 R99
SolSA	\mathbf{X}^3	X^3						X	R99
CAMEL Phase 3	X^3 X^3	71					X	71	March
									2000
									R99
Cell Broadcast		X^{l}				Technical		Completed	March
Service (CBS)						Realization		X	2000
	Gr. 4					N. Doo			R99
Advanced Cell Broadcast	Stage 1 lacking					Not R99			R00 or later
SMS	lacking					Technical			March
51415						Realization			2000
									R99
MAP Security		X^{1}	X^{1}				X		If target
									March
									2000 is
									met, then R99 ⁴
Enhanced User		X^{1}	X^{1}				X		If target
Confidentiality		71	71				A		March
									2000 is
									met, then R99 ⁴
	· ·								
OSA	X^1	X	X				X		If target
			Tdoc SP-						March
			99592						2000 is met, then
1			I	l	I	1	I	I	met, men

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15-1/ March, 200							O'7.		
Issue/Group	S 1	S2	S3	S4	S5	T	CN	RAN	Finaliz
									ation
									R99
Universal		X^3							March
Geographical Area									2000
Description (GAD)									R99
No Valid Keyset in			X^1				X		If target
MS									March
									2000 is
									met, then
									R99 ⁴
No Encryption			Tdoc SP-				X		March
Case			99634						2000
									R99
Authentication			X^{1}				X		If target
Failure message									March
report									2000 is
									met, then
									R99 ⁴
Tandem-Free for				X					June
AMR				CR SP-					2000
				99572 for					soonest
				R00					R00
Transcoder-Free		X		X ¹			X		If target
(out-of-band		coordination		(CN R99?)					March
signaling)									2000 is
									met, then
				3 7					R99
Terminal Acoustic				X					June
Test Spec									2000
				77					R99!
Quantitative				X					March
Evaluation of									2000
H.324M over 3G								1	R99

Issue/Group S1 S2 S3 S4 S5 T CN RAN Networks Transmission aspects of Speech service in 3G Networks	Finaliz ation March 2000 R99
Transmission aspects of Speech service in 3G	March 2000 R99
Transmission aspects of Speech service in 3G	2000 R99
aspects of Speech service in 3G	2000 R99
service in 3G	R99
Networks	March
	March
AMR X	
Characterization	2000
Report	R99
Floating Point X	March
Implementation	2000
for AMR	R99
Telecom Mgmt - 32.101	March
X.25 Decision ; 32.102,	2000
Add Security 32.104	R99
Section;	
IRP Framework	
Performance 32.102,	March
Mgmt. – x.25	2000
Consistency;	R99
Synchronization; Performance	
measurement	
parameter issues	
Charging Issues 32.105	June
Desirable	2000
for March	R99
Configuration 32.106	June
Mgmt Basic	2000
Spec for	R99
March	10)
Fault Mgmt. 32.111	June
Preparation for Desirable	2000

14	5_	17	1/	Iarch	20	Ω	M	adr	hi
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15-17 March, 20									
Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finaliz
									ation
March					for March				R99
Verify					X			Xcompleted	March
interoperation									2000
between S5 O&M									R99
and RAN O&M									
Alternative AT						X			Not R99
Commands									R00?
Layer 3							X		Not R99
Segmentation									R00?
Turbocharger							X		Not R99
									R00?
Call Forwarding							X		March
Enhancement									2000
									R99
Real Time Fax							X		March
									2000
									R99
UE Test Specs –						X			March
FDD									2000
									R99
UE Test Specs -						X			June
TDD									2000
									R99
UE Test Specs -						X			June
Protocols									2000
									R99
UE Test Specs -						X			March
ATS									2001
									R99
UE Test						X			June
Environment									2000
									R99

15-17 March, 20									
Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finaliz ation
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

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Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finaliz
									ation
									R99
*RAN								X	March
Performance									2000
• Compressed									R99
mode with								Completed	
puncturing									
(Method A)									
• DSCH									
(FDD+TDD) and								<u>Completed</u>	
USCH (TDD) on									
L ub									
• Iu time									
alignment								<u>Completed</u>	
• DSCH and									T 00
USCH on Iur								Not	<u>June 00</u>
• Tracing								Completed	
deactivation								Completed	
from CN									
• CPCH (Common								Commissed	I
Packet Channel)								Completed	<u>June 00</u>
<u>•</u>								except ND A D	
• Turbo								NBAP Completed	
interleaver								Completed	
Downlink Outer								Completed	<u>June 00</u>
Loop Power								<u>except</u>	Juile 00
control								behaviour of	
								Node B	
*RAN Essential								Complete X	March
• Out-of-synch									2000
handling									R99

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Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finaliz ation

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Issue/Group	S1	S2	S3	S4	S5	T	CN	RAN	Finaliz
									ation
DS-41 Extensions								Completed	March
								X	2000
									R99
GLR							X		March
									2000
									R99
Base Station								X	June
Testing									2000
									R99
Support of		X					X		March
Transcoder in CN		coordination							2000
									R99
Vocabulary	X^3	X^3	X^3	X^3	X^3	X^3	X^3	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.