

**Source:** PCG Secretary  
**Title:** Content on Release 4 and Release 5  
**Agenda item:** 5.2 – 5.3

**Document for:**

Decision	
Discussion	
Information	<b>X</b>

## **1 Introduction**

A new Release packaging has been developed for 3GPP and an explanation of that mechanism is provided in a separate contribution to this meeting.

As a result of the new packaging mechanism it is expected that 'Release 4' will be published in March 2001 and 'Release 5' will be published in December 2001.

Considerable effort has been expended in documenting the 3GPP work programme which in turn leads to a clear understanding of the features that each Release will contain. In addition, the task of breaking down each Feature into Building Blocks and Work Tasks has now been completed.

MCC has decided to use Microsoft Project to present the contents of the Releases in pictorial (Gantt) form. Using such a project management tool enables the user to manipulate the data in whichever way is desired and considerable information can be obtained by this means. The authoritative version of the 3GPP project plan can be obtained directly from the 3GPP website.

The contents of Release 4 and Release 5 will be confirmed at the December meeting of the TSGs. However, the best estimate of the expected contents is already contained within the project plan and PDF extracted versions can be found in the attached Annexes. Those who are particularly interested in this area of work are advised to download the Microsoft Project version of the plan from the web site.

ID	Unique ID	Name	Release	Splittable	Resource Name	Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001
						Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
6	2	<b>Evolutions of the transport in the UTR/</b>	NA	Yes	TSG RAN													
7	625	<b>IP transport in the UTRAN</b>	Rel4	No	WG RAN3													
9	12	<b>QoS optimisation for AAL2 connections</b>	Rel4	No	WG RAN3													
10	1995	<b>Migration to modification procedures</b>	Rel4	No	WG RAN3													
24	1216	<b>Improvements of Radio Interface</b>	NA	Yes	TSG RAN													
27	1471	<b>Base station classification</b>	Rel4	No	WG RAN4													
31	1218	<b>Improved usage of downlink resource in</b>	Rel4	No	WG RAN2													
32	1507	<b>Terminal Power Saving features</b>	Rel4	No	WG RAN1													
33	1509	<b>UTRA repeater specification (master)</b>	Rel4	No	WG RAN4													
34	1994	<b>DSCH power control improvement in sc</b>	Rel4	No	WG RAN1													
35	1996	<b>UMTS 1800</b>	Rel4	No	WG RAN4													
42	1222	<b>Low Chip Rate TDD option</b>	Rel4	No	WG RAN1													Start
52	9	<b>RAN improvements</b>	NA	Yes	TSG RAN													Start Test
53	1466	<b>Smart antenna</b>	Rel4	No	WG RAN1													
54	656	<b>RRM optimization for lur and lub</b>	Rel4	No	WG RAN3													
55	655	<b>Node B synchronisation for TDD (Master)</b>	Rel4	No	WG RAN1													
56	1472	<b>Radio access bearer support enhancem</b>	Rel4	No	WG RAN2													
115	1539	<b>Transparent End-to-End PS mobile str</b>	Rel4	No	WG SA4													
116	1652	<b>Emergency call enhancements</b>	NA	Yes	WG CN1													
125	1654	<b>For CS based calls</b>	Rel4	No	WG CN1													
129	1322	<b>Enable bearer independent CS archite</b>	Rel4	No	WG SA2													Start Test
144	1333	<b>CS multimedia services</b>	Rel4	No	WG SA2													Start Test
155	1340	<b>Facsimile</b>	Rel4	No	WG SA1													Start Testing
178	1526	<b>Bearer Modification without pre-notific</b>	Rel4	No	WG SA1													Start
190	1367	<b>VHE enhancements</b>	NA	Yes	WG SA1													
191	1368	<b>Evolution of VHE concepts (Master)</b>	NA	Yes	WG SA2													
192	1373	Evolution of VHE within the PS and CS Domain	Rel4	No	WG SA2													
211	1377	<b>Service Continuity</b>	Rel4	No	WG SA2													
218	1384	<b>Interaction between VHE Toolkits</b>	Rel4	No	WG SA2													

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221	1391	VHE security	Rel4	No	WG SA3														
260	1445	MExE enhancements	NA	Yes	WG T2														
261	1447	MExE Security	Rel4	No	WG SA3														
264	1810	MExE Improvements and Investigations	Rel4	No	WG T2														
273	1625	Wideband Telephony Service - AMR (I	Rel4	No	WG SA4														
292	1541	Transcoder-Free Operation	Rel4	No	TSG CN														
304	1631	Tandem Free aspects for 3G and betw	Rel4	No	WG SA4														
311	1818	Multimedia Messaging	Rel4	No	WG T2														
319	1826	Terminal interfaces	NA	Yes	WG T2														
320	1827	AT commands	Rel4	No	WG T2														
329	1832	Terminal local model	Rel4	No	WG T2														
330	1536	Location Services enhancements	NA	Yes	WG SA2														
338	523	LCS support in the CS domain	Rel4	No	WG SA2														
339	525	LCS support in the PS domain	Rel4	No	WG SA2														
346	1916	MExE and CBS interactions	Rel4	No	WG T2														
347	1600	UE positioning	Rel4	No	TSG RAN														
353	1542	Ensure reliable QoS for PS domain (M:	Rel4	No	WG SA2														
377	1557	QoS for CS services at HOs (inter-MS)	Rel4	No	WG SA2														
380	1560	UICC/(U)SIM enhancements and interv	NA	Yes	WG T3														
382	1562	UICC/USIM database specification	Rel4	No	WG T3														
383	1799	Common PCN Handset Specification (C	Rel4	No	WG T3														
385	1800	(U)SIM toolkit enhancements	NA	Yes	WG T3														
386	1566	Enhancements to (U)SIM toolkit secure	Rel4	No	WG T3														
387	1801	Protocol Standardisation of a SIM Tool	Rel4	No	WG T3														
388	2034	USAT local link	Rel4	No	WG T3														
389	1802	UICC API	NA	Yes	WG T3														
390	2029	Java API	Rel4	No	WG T3														
396	1571	Security enhancements	NA	No	WG SA3														
397	2099	UE triggered authentication during con	Rel4	No	WG SA3														


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398	1587	Evolution of GSM CS algorithms (e.g. A	Rel4	No	WG SA3															
399	1588	Evolution of GSM PS algorithms (e.g. G	Rel4	No	WG SA3															
414	1583	MAP application layer security	Rel4	No	WG SA3															
418	1594	Visibility and Configurability of security	Rel4	No	WG SA3															
442	1924	GERAN definition (to be dispatched to	NA	Yes	TSG GERAN															
445	1927	GERAN/UTRAN interface evolution	Rel4	No	TSG GERAN															
488	1968	Location service (UMTS) (using GERAN)	Rel4	No	TSG GERAN															
500	2062	Subscription Management	Rel4	No	WG SA5															
501	2071	UTRAN Operations and Maintenance p	Rel4	No	WG SA5															
502	1993	small Technical Enhancements and Im	Rel4	No																

Project: 3GPP\_Work Plan  
Date: Mon 06/11/00

Task 

Task Progress 

Critical Task 


Critical Task Progress 

Milestone 

Summary 

Rolled Up Task 

Rolled Up Critical Task 


Rolled Up Milestone 

Rolled Up Progress 

Split 

External Tasks 

Project Summary 

Summary Progress 

ID	Unique ID	Name	Release	Split	Resource	Qtr 4, 2000				Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002			
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		
6	2	<b>Evolutions of the transport in the UTR/</b>	NA	Yes	TSG RAN																				
8	624	<b>Radio access bearer support enhancerr</b>	Rel5	No	WG RAN2																				
15	4	<b>Evolutions of the transport in the CN</b>	NA	Yes	WG CN4																				
16	859	<b>IP Transport of CN protocols (e.g., CAP,</b>	Rel5	No	WG CN4																				
24	1216	<b>Improvements of Radio Interface</b>	NA	Yes	TSG RAN																				
26	1470	<b>Improvement of inter-frequency and in</b>	Rel5	No	WG RAN1																				
30	1217	<b>Hybrid ARQ II/III</b>	Rel5	No	WG RAN2																				
52	9	<b>RAN improvements</b>	NA	Yes	TSG RAN																				
57	1680	<b>Header compression removal/stripping</b>	Rel5	No	TSG RAN																				
58	1686	<b>Unequal error protection in PS domain</b>	Rel5	No	TSG RAN																				
63	1273	<b>Provisioning of IP-based multimedia s</b>	Rel5	No	WG SA1																				
116	1652	<b>Emergency call enhancements</b>	NA	Yes	WG CN1																				
117	1653	<b>For IP &amp; PS based calls</b>	Rel5	No	WG CN1																				
164	1517	<b>Global Text telephony</b>	Rel5	No	WG SA2																				
190	1367	<b>VHE enhancements</b>	NA	Yes	WG SA1																				
191	1368	<b>Evolution of VHE concepts (Master)</b>	NA	Yes	WG SA2																				
196	1404	<b>Introduction of VHE within the IM subsystem</b>	Rel5	No	WG SA2																				
215	1381	<b>Personal Service Environment (PSE), u</b>	Rel5	No	WG SA2																				
226	1637	<b>OSA enhancements</b>	Rel5	No	WG SA1																				
251	1638	<b>CAMEL phase 4</b>	Rel5	No	WG SA1																				
319	1826	<b>Terminal interfaces</b>	NA	Yes	WG T2																				
325	1829	<b>Wide Area Data Synchronisation</b>	Rel5	No	WG T2																				
330	1536	<b>Location Services enhancements</b>	NA	Yes	WG SA2																				
332	1171	<b>Event based and Periodic LCS</b>	Rel5	No	WG SA1																				
385	1800	<b>(U)SIM toolkit enhancements</b>	NA	Yes	WG T3																				
389	1802	<b>UICC API</b>	NA	Yes	WG T3																				
392	2031	<b>Multos API</b>	Rel5	No	WG T3																				
396	1571	<b>Security enhancements</b>	NA	No	WG SA3																				
403	1572	<b>Protection for user plane data</b>	Rel5	Yes	WG SA3																				


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406	1576	<b>Network domain security</b>		Yes	WG SA3																			
407	1577	Control plane protection in core network (e.g., C	Rel5	No	WG SA3																			
410	1580	User plane protection in core network (e.g., pr	Rel5	No	WG SA3																			
419	1595	<b>FIGS</b>	Rel5	No	WG SA3																			

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