

Source: MCC
Title: Work Plan version Dec. 13th

3GPP Work Plan – Cover page
Version 2000, December 13th

Introduction

This cover sheet contains 3 parts:
Part 1: Specific comments for this version
Part 2: General recurrent information
Part 3: History

The last version of the Work Plan and all the related documents (cover page, PDF views, etc) are available at:

ftp://ftp.3gpp.org/information/work_plan

For comments on a given WI, contact the MCC support of the given WI's responsible WG/TSG (mapping "WG/TSG to MCC support" and MCC e-mail addresses available at: http://www.3gpp.org/About_3GPP/structure.htm).

For comment on a Feature, contact the feature's responsible MCC support.

For general comments, contact Alain Sultan at: alain.sultan@etsi.fr, mentioning in the e-mail subject "General comment on the Work Plan".

Specific comments for this version

Main changes since previous version (Dec. 5th)

Incorporation of results of TSG plenaries #10. Changes received from MCC supporting the following groups:

S2, S4, S5

N1, N4

T2

R2, R3

These changes are:

Improved usage of downlink resource in FDD for CCTrCHs of dedicated type: (R2)
moved to Rel-5; time line changed after decision in RAN#10

Complete restructuring of GTT feature to cut it into a first minimum part to be ready for Rel4 and a more evolved part for Rel5.

This has lead to create 2 BB: minimum solution + improved GTT. The first one is for Rel4, the second one for Rel5.

The WT 1522 (Voice Channel Activation and transport, WG SA4) has been deleted (covered by "General description and C-code" in WT 2238)

ASCI WI is added, as approved at TSGN_10 in NP-000730.

A new WID is presented to the feature in ID2230, with 2 BBs for CN1 in ID2231 and CN4 in ID2234.

WI links are updated for Emergency call enhancements BBs:

ID1653, New WID is NP-000665

ID1654, New WID is NP-000727

CN1 – SA2 SIP joint meeting spotted one more place for improvement: work tasks with ID 1998 and 1278 are actually subtasks under of single CN1 WT. One WI has been approved for the CN1 WT with title "SIP Call Control protocol for the IM Subsystem" presented in ID 2233. This approved WT should be added as a parent WT to cover both subtasks. The addition of the third new CN1 specification IM call model is subject to TSGN decision on the ownership of the specification.

OAM building blocks named aligned to the terminology used in S5. S5 is asking to be contacted for all the features where OAM is needed.

Addition of the newly approved feature: "Intra Domain Connection of RAN Nodes to Multiple CN Nodes" and all its related BBs and WTs from SP-000619.

Addition of the BB WI on LCS interfaces as resulting from the tdoc SP-000599

Deletion of the Feature WI on Mobile IPv6 (finally not agreed by SA2)

Detailed changes

The detailed changes are provided in the "notes" field of the modified WIs. The modified WIs are identifiable by having a "last_modif" posterior to Dec. 5th.

General recurrent information

This paragraph contains recurrent information provided to the reader not familiar with the 3GPP Work Plan.

General description

The Work Plan is a living document, aiming at providing co-operations between all the 3GPP TSGs and WGs to help them reaching common targets.

These targets are called “**Features**”, and are new or substantially enhanced functionality which represents added value to the existing system. A feature should normally embody an improved service to the customer and / or increased revenue generation potential to the supplier. The features are divided into “**Building Blocks**”, a BB being a set of technical functionality which would generally be expected to reside in a single system element, i.e. a single physical or logical entity or a single protocol. The Building Blocks are divided into “**Work Tasks**”, a WT being by definition handled by a single Working Group. The output of a work task is the creation of one or more new Technical Specifications (or Reports) and / or Change Requests to existing TSs / TRs.

These definitions are extracted from SP-000109.

This tree structure is established to ease the monitoring of the 3GPP work progress for R00, and to make explicit the purpose of the work assigned to one WG in the global system.

A **Work item** is a generic term to refer to a *feature, building block or work task*, i.e. all the lines of the Work Plan are work items. A full description of the a work item can be found in the 3GPP Working Procedures, available at http://www.3gpp.org/About_3GPP/3gpp_wp.zip.

The Work Plan is provided in the form of a Gantt chart: the left part contains the names and attributes of the Work Items, the right part contains a calendar view reflecting the work progress (blue and grey lines apply to foreseen tasks, black lines for completed tasks).

The indentation of WI names reflects the hierarchical level in the tree structure (Features, Building Blocks, and Work Tasks).

Attributes applicable to a WI

From the Work Plan perspective, a WI is fully characterised by the following set of attributes:

1. Unique ID
2. Name
3. Release (based on the completion date). It applies to non-splittable features. If the feature is splittable, it applies to each individual Building Block composing the feature, provided that the Building Blocks are non-splittable. It does not apply to Feasibility Studies, Testing nor Charging Activities.
4. Splittable: defines whether the WI has to be considered as a single block or if it can be realised onto different releases
5. Acronym
6. Resource name: defines the responsible WG or TSG
7. Modified (see next section)
8. Modified since last TSG (see next section)
9. Start
10. Finish
11. % completed
12. Impacted TS and TR
13. Approval Level: MCC<CHAIR<WG<TSG. Each level can delete the proposal from the levels bellow. Only TSG Approved Wis are officially approved. All the other Wis are proposals, more or less stable according to the approval level.
14. Last modif, containing the date of the last modification. Note: this field has been recently added. The value has been initialised to April, 1st.
15. Hyperlink (to the proposed/approved WI coversheet)
16. WI rapporteur name
17. WI rapporteur e-mail
18. MCC responsible: defines who in MCC is responsible in monitoring the overall Feature.
19. Notes (free field).

The fields Start, Finish and % completed are calculated for summary tasks.
For better readability, only some of these attributes are shown in the PDF views.

How the changes on the Work Plan are tracked?

The changes are tracked at two level: a global one, stressing out the overall changes of the Work Plan, and a more detailed one, making use of the “notes” field.

Global level

The global level is a text of some paragraphs listing the main changes. For readability reasons, the global level is not part of the MS Project Work Plan but is contained in this present Work Plan cover page.

The global level shall at least:

- Report creation and deletion of Features and Building Blocks. It is not requested to mention the creation and deletion of Work Tasks (but this can be done if judged relevant by the MCC responsible person).

The global level is updated before each set of plenary meetings.

Detailed level

The detailed level is a set of comments provided in the “notes” field text of each modified WI (a WI is identified by its Unique ID).

Even at the “detailed level”, not all the modifications have to be mentioned: some fields are by nature subject to constant updates (e.g. “% completed”), so it would be a waste of time to keep track of these changes.

The fields subject to change tracking are the following ones:

- Name
- Release
- Splitable (defines whether the WI has to be considered as a single block or if it can be realised onto different releases)
- Acronym
- Resource name (defines the responsible WG or TSG)
- Finish date

The other ones -listed bellow- are not subject of change tracking. Change tracking on these ones is up to the MCC responsible person. These are:

- % completed
- Impacted TS and TR
- Level of Approval (MCC<CHAIR<WG<TSG).
- Hyperlink (to the proposed/approved WI coversheet)
- WI rapporteur name
- WI rapporteur e-mail
- MCC responsible: defines who in MCC is responsible in monitoring the overall Feature.
- Notes (free field).
- Start date

The detailed level is updated each time a line is modified or created. In addition, a new field called “last modif” has been created (initialised to April, 1st) to provide the date of the latest modification of the WI.

History

Cleaned up at TSG #10 plenaries.

ID	Unique ID	Name	Release	Splittable	Resource Name	Acronym	, 2000		Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002	
							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
1	2044	VERSION Dec. 13th		No																					
2	1462	"CTRL + a" to display all the 3GPP files		No																					
3	1463	If MS Project crashes, hide the "hyperlink"		No																					
4	2058			No																					
5	96			No																					
6	2	Evolutions of the transport in the UTRAN	NA	Yes	TSG RAN	ETRAN																			
7	625	IP transport in the UTRAN	Rel4	No	WG RAN3	ETRAN-IPtrans																			
8	624	RAB support enhancement - no ROHC	Rel5	No	WG RAN2	ETRAN-RABSE																			
9	2206	RAB support enhancement - ROHC part		No	WG RAN2	ETRAN-RABSE																			
10	12	QoS optimisation for AAL2 connections	Rel4	No	WG RAN3	ETRAN-QoSAAL2																			
11	1995	Migration to modification procedures	Rel4	No	WG RAN3	ETRAN-MigrMod																			
12	1834	Conformance Test Aspects		No	WG T1																				
13	2208	Testing RAB support enhancements		No	WG T1	CT-RABS?																			
14	1837	Logical Test Interface, Specification, R4 evolution		No	WG RAN2																				
15	4	Evolutions of the transport in the CN	NA	Yes	WG CN4	CNTRSP																			
16	859	IP Transport of CN protocols (e.g., CAP, MAP)	Rel5	No	WG CN4	IPinCN																			
17	1678	Stage 2		No	WG SA2	IPinCN																			
18	1679	Stage 3		No	WG CN4	IPinCN																			
19	2018	CAP		Yes	WG CN2	IPinCN																			
20	2019	MAP		No	WG CN4	IPinCN																			
21	1513	FS on Transport and control separation		No	WG SA2																				
22	1615	Architectural impacts		No	WG SA2																				
23	1614	Protocol impacts		No	WG CN4																				
24	1216	Improvements of Radio Interface	NA	Yes	TSG RAN	RInImp																			
25	1470	Improvement of inter-frequency and inter-system handovers	Rel5	No	WG RAN1	RInImp-IfIsM																			
26	1471	Base station classification	Rel4	No	WG RAN4	RInImp-BSCClass																			
27	1476	FDD Base station classification		No	WG RAN4	RInImp-BSCClass-FDD																			
28	1477	TDD Base station classification		No	WG RAN4	RInImp-BSCClass-TDD																			
29	1217	Hybrid ARQ II/III	Rel5	No	WG RAN2	RInImp-HARQ																			

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							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
30	1218	Improved usage of downlink resource i	Rel5	No	WG RAN2	RInImp-CCTrCH																			
31	1507	Terminal Power Saving features	Rel4	No	WG RAN1	RInImp-TPS																			
32	1509	UTRA repeater specification (master)	Rel4	No	WG RAN4	RInImp-REP																			
33	1994	DSCH power control improvement in sc	Rel4	No	WG RAN1	RInImp-DSCHsho																			
34	1996	UMTS 1800	Rel4	No	WG RAN4	RInImp-UMTS18																			
35	1506	FS on Radio link performance enhance		No	WG RAN1	RInImp-Rlperf																			
36	1219	FS on High Speed downlink packet acc		No	WG RAN2	RInImp-HSDPA																			
37	1221	FS on USTS		No	WG RAN1	RInImp-USTS																			
38	1510	FS on improved common DL channel fo		No	WG RAN2	RInImp-DLCFACH																			
39	1997	FS on UE antenna efficiency test metho		No	WG RAN4	RInImp-UEAnTM																			
40	1839	Conformance Test Spec. improvements		No	WG T1																				
41	2210	Testing improvement of inter-frequency and int		No	WG T1																				
42	2211	Testing Hybrid ARQ II/III		No	WG T1																				
43	2212	Testing Improved usage of downlink resource i		No	WG T1																				
44	2213	Testing Terminal Power saving features		No	WG T1																				
45	2214	Testing DSCH power control improvement in sc		No	WG T1																				
46	2215	Testing UMTS 1800		No	WG T1																				
47	1222	Low Chip Rate TDD option	Rel4	No	WG RAN1	LCRTDD																			
48	1223	Physical layer		No	WG RAN1	LCRTDD-Phys																			
49	1224	Layer 2 and layer 3 protocol aspects		No	WG RAN2	LCRTDD-L23																			
50	1225	RF radio transmission/reception, syste		No	WG RAN4	LCRTDD-RF																			
51	1227	UE radio access capability		No	WG RAN2	LCRTDD-Uerac																			
52	1228	Iub/Iur protocol aspects		No	WG RAN3	LCRTDD-Iublur																			
53	1911	Start Testing		No																					
54	2103	Conformance Test Aspects - Low Chip F		No	WG T1																				
55	2216	Testing Physical Layer		No	WG T1																				
56	2217	Testing Layer 2 and layer 3 protocol aspects		No	WG T1																				
57	2218	Testing RF Radio Transmission and Reception		No	WG T1																				
58	2219	Testing UE radio access capability		No	WG T1																				

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							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
59	9	RAN improvements	NA	Yes	TSG RAN	RANimp	← Start Testing																			
60	1466	Smart antenna	Rel4	No	WG RAN1	RANimp-SmartA	←																			
61	656	RRM optimization for lur and lub	Rel4	No	WG RAN3	RANimp-RRMopt	←																			
62	655	Node B synchronisation for TDD	Rel4	No	WG RAN1	RANimp-NBsync	←																			
63	1680	Header compression removal/stripping	Rel5	No	TSG RAN		←																			
64	1686	Unequal error protection in PS domain	Rel5	No	TSG RAN		←																			
65	1912	Start Testing		No			Start Testing																			
66	2102	Conformance Test Aspects - RAN Impro		No	WG T1		Start Testing																			
67	2220	Testing Smart antenna		No	WG T1																					
68	2221	Testing Node B synchronisation for TDD		No	WG T1																					
69	2222	Testing Radio access bearer support enhancm		No	WG T1																					
70	1273	Provisioning of IP-based multimedia s	Rel5	No	WG SA1	IMS	← MLST: Stage 3 for basic calls → Start																			
71	1274	Call control and roaming to support IP-		No	WG SA2	IMS-CCR	← MLST: Stage 3 for basic calls →																			
72	1633	Stage 1		No	WG SA1	IMS-CCR	←																			
73	1514	Stage 2 (Architecture and Main flows)		No	WG SA2	IMS-CCR	←																			
74	1277	FS on Impacts on HSS		No	WG CN4	IMS-CCR	←																			
75	2233	SIP Call Control protocol for the IM Subsystem		No	WG CN1	IMS-CCR	←																			
76	1998	IP multimedia subsystem signalling flows		No	WG CN1	IMS-CCR	←																			
77	1278	IP multimedia subsystem stage 3		No	WG CN1	IMS-CCR	←																			
78	1673	MLST: Stage 3 for basic calls		No	?		Start Testing																			
79	1804	SIP interactions with the Rel4 Supl Services		No	WG CN1	IMS-CCR	←																			
80	1650	Check if any		No	WG SA1	IMS-CCR	←																			
81	1651	Stage 3 if applicable		No	WG CN1	IMS-CCR	←																			
82	1280	SIP SS and relationship to Mg, Mw and Cx		No	WG CN4	IMS-CCR	←																			
83	1281	Multimedia Capabilities		No	WG CN1	IMS-CCR	←																			
84	1282	Terminal capabilities		No	WG CN1	IMS-CCR	←																			
85	1806	Terminal capabilities and Interactions on ru		No	WG T2	IMS-CCR	←																			
86	1805	Network capabilities		No	WG CN1	IMS-CCR	←																			
87	1285	Network capabilities (N4 aspects)		No	WG CN4	IMS-CCR	←																			

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							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
88	1286	CSCF – HSS (Cx) applications and services (SC		No	WG SA2	IMS-CCR																			
89	1515	Stage 2 flows		No	WG SA2	IMS-CCR																			
90	2021	Stage 2 flows (N4) (see note)		No	WG CN4	IMS-CCR																			
91	2023	Impacts from CAMEL		No	WG CN4	IMS-CCR																			
92	1288	Impact on Camel Stage 3		No	WG CN2	IMS-CCR																			
93	1289	Impact on MAP		No	WG CN4	IMS-CCR																			
94	2024	Stage 3 protocol on Cx		No	WG CN4	IMS-CCR																			
95	1290	Addressing, Identities		No	WG SA2	IMS-CCR																			
96	1291	Architectural issues		No	WG SA2	IMS-CCR																			
97	1292	Impact on HSS		No	WG CN4	IMS-CCR																			
98	1294	Interworking with other multimedia protocols		No	WG CN3	IMS-CCR																			
99	1295	Requirements		No	WG SA1	IMS-CCR																			
100	1296	Impact on MM/CC/SM		No	WG CN1	IMS-CCR-IWMM																			
101	2047	Multimedia domain and CS networks Inter		No	WG CN3	IMS-CCR-IWCS																			
102	2048	Multimedia domain and IP networks Interw		No	WG CN3	IMS-CCR-IWIP																			
103	1913	Start Testing		No																					
104	1844	Conformance Test Aspects - Provisioni		No	WG T1	IMS-TEST																			
105	1298	Access Security for IP-multimedia servi		No	WG SA3	IMS-ASEC																			
106	1299	Lawful interception		No	WG SA3	IMS-LI																			
107	1300	RAN improvements and evolution of th		No	TSG RAN	IMS-RAN																			
108	1597	(Copy) Ensure reliable QoS for PS doma		No	WG SA2																				
109	1303	(Copy) Charging and OAM&P		No	WG SA5	IMS-OAM																			
110	1598	(Copy) AMR-WB		No	WG SA4																				
111	1305	Roaming between IP multimedia and C		No	WG CN4	IMS-ONCS																			
112	1457	Roaming requirements		No	WG SA1																				
113	1306	Stage 2		No	WG SA2																				
114	1307	Stage 2 review		No	WG CN4																				
115	1456	Internetwork roaming aspects		No	?																				
116	2227	MExE interactions		No	WG T2																				

◆ Start
◆ Conf

ID	Unique ID	Name	Release	Splittable	Resource Name	Acronym	, 2000		Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002	
							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
117	2228	MMS interactions		No	WG T2																				
118	1310	Support of VHE/OSA by Rel4 network er		No	WG CN5	IMS-ONOSA																			
119	1732	Number portability in IM subsystem		No	WG CN4	IMS-MNP																			
120	2036	Multimedia codecs and protocols for cc		No	WG SA4	IMS-CODEC																			
121	2039	Codecs		No	WG SA4																				
122	2040	performance characterisation of codec		No	WG SA4																				
123	2038	protocols		No	WG SA4																				
124	1539	Transparent End-to-End PS mobile stre	Rel4	No	WG SA4	PSTREAM																			
125	1652	Emergency call enhancements	NA	Yes	WG CN1	EMC1																			
126	1653	For IP & PS based calls	Rel5	No	WG CN1	EMC1-PS																			
127	1314	Service Requirements for IP-based emergency		No	WG SA1	EMC1-PS																			
128	1315	SIP emergency calls and packet emergency ca		No	WG CN1	EMC1-PS																			
129	1316	Stage 2 for emergency calls and packet emerg		No	WG SA2	EMC1-PS																			
130	1317	Distinction of emergency call types to different		No	WG CN1	EMC1-PS																			
131	2101	Emergency call recalling capability enhanceme		No	WG CN1	EMC1-PS																			
132	1646	Stage 3 for emergency calls and packet emerg		No	WG CN1	EMC1-PS																			
133	1605	(Copy2) Ensure reliable QoS for PS domain an		No	WG SA2																				
134	1654	For CS based calls	Rel4	No	WG CN1	EMC1-CS																			
135	1320	Distinction in CS domain of emergency call typ		No	WG SA1	EMC1-CS																			
136	1999	Distinction in CS domain of emergency calls to		No	WG CN1	EMC1-CS																			
137	1321	Emergency call recalling capability enhanceme		No	WG CN1	EMC1-CS																			
138	2224	Conformance Test Aspects - Emergenc		No	WG T1																				
139	2225	Testing Stage 3 for emergency calls and packe		No	WG T1																				
140	2226	Testing CS based emergency calls		No	WG T1																				
141	1322	Enable bearer independent CS archite	Rel4	No	WG SA2	CSSPLIT																			
142	1323	Enable bearer-independent call control		No	WG CN4	CSSPLIT																			
143	1516	Architecture and Stage 2 description on 23.00%		No	WG SA2	CSSPLIT																			
144	1325	Standardisation of protocols (control & user pl		No	WG CN3	CSSPLIT																			
145	1326	Standardisation of protocols over reference pc		No	WG CN4	CSSPLIT																			

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146	1616	Standardisation of detailed stage 2 description		No	WG CN4	CSSPLIT																			
147	1327	Bearer control between MSC server and MGW		No	WG CN4	CSSPLIT																			
148	1328	stage 3 - protocol issues		No	WG CN4	CSSPLIT																			
149	1329	stage 3 - parameter value issues		No	WG CN3	CSSPLIT																			
150	1331	Lawful interception		No	WG SA3	CSSPLIT																			
151	1332	Bearer Independence and codec contr		No	WG SA4	CSSPLIT																			
152	1918	Start Testing		No																					
153	2052	Conformance Test Aspects - Enable be		No	WG T1	CSSPLIT-TEST																			
154	1847	UE Conformance test spec., Bearer independe		No	WG T1	CSSPLIT-TEST																			
155	1848	UE Conformance test spec., Bearer independe		No	WG T1	CSSPLIT-TEST																			
156	1333	CS multimedia services	Rel4	No	WG SA2	CSM																			
157	1338	Stage 1		No	WG SA1	CSM																			
158	1339	Stage 2 (has it to be handled? H.324 M		No	WG SA2	CSM																			
159	1655	Circuit-switched multimedia swap and t		No	WG CN3	CSM-SWAP																			
160	1335	Call control and signalling aspects		No	WG CN1	CSM-SWAP-CC																			
161	1336	Transport aspects		No	WG CN3																				
162	1337	inband signalling		No	WG CN3																				
163	1920	Start Testing		No																					
164	2056	Conformance Test Aspects - CS multim		No	WG T1	CSM-TEST																			
165	1849	UE Conformance test spec. CS multimedia serv		No	WG T1																				
166	1850	UE Conformance test spec. CS multimedia serv		No	WG T1																				
167	1340	Facsimile	Rel4	No	WG SA1	FAX																			
168	1341	Real Time Fax		No	WG SA2	FAX-RT																			
169	1808	Terminal capabilities, AT commands		No	WG T2	FAX-RT																			
170	1343	Signalling aspects (e.g. ICM)		No	WG CN1	FAX-RT																			
171	1648	Service provision		No	WG CN3	FAX-RT																			
172	1345	Review whether service/stage 1 aspects need		No	WG SA1	FAX-RT																			
173	1346	Review whether architecture/stage 2 aspects i		No	WG SA2	FAX-RT																			
174	2041	Start Testing		No																					

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							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
175	1851	Conformance Test Aspects - Facsimile		No	WG T1																				
176	1517	Global Text Telephony	NA	Yes	WG SA2	GTT																			
177	2240	Minimum solution	Rel4	No																					
178	1634	Stage 1		No	WG SA1	GTT																			
179	1519	Stage 2		No	WG SA2	GTT																			
180	2234	Specification of Cellular Text telephone Modem		No	WG SA4	GTT-CTM																			
181	2238	General description and C-code		No	WG SA4	GTT-CTM																			
182	2237	Minimum Performance requirements		No	WG SA4	GTT-CTM																			
183	2239	Improvements of GTT	Rel5	No																					
184	1350	Activation and transport		No	WG SA2	GTT																			
185	1520	SIP and H.324 Activation and transport		No	WG SA2	GTT																			
186	1521	Data Channel Activation and transport		No	WG SA2	GTT																			
187	1523	Selection of transport method		No	WG SA2	GTT																			
188	1524	Interworking		No	WG CN3	GTT-IW																			
189	1809	Terminal Aspects		No	WG T2	GTT																			
190	1357	USIM Aspects		No	WG T3	GTT																			
191	2096	GTT using CS multimedia telephony		No	WG SA4	GTT																			
192	1915	Start Testing		No		GTT																			
193	1852	Conformance Test Aspects - Global Text telepl		No	WG T1	GTT																			
194	1526	Bearer Modification without pre-notific	Rel4	No	WG SA1	BMWPN																			
195	2223	Testing Support of Bearer modification		No	WG T1																				
196	1635	Stage 1		No	WG SA1	BMWPN																			
197	1359	Service Modification without pre-notific		No	WG CN3	BMWPN-SMWOP																			
198	1360	In call modify procedure		No	WG CN1	BMWPN																			
199	1361	Interworking function, TAF		No	WG CN3	BMWPN																			
200	1362	Out of band Transcoder Control		No	WG CN4	BMWPN																			
201	1363	AT commands		No	WG T2	BMWPN																			
202	1364	Bearer Modification because of radio c		No	WG SA2	BMWPN																			
203	1921	Start Testing		No		BMWPN-TEST																			

ID	Unique ID	Name	Release	Splittable	Resource Name	Acronym	, 2000		Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002	
							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
204	2057	Conformance Test Aspects		No	WG T1	BMWPN-TEST																			
205	1853	UE Conformance test spec. Bearer modification		No	WG T1	BMWPN-TEST																			
206	1857	UE Conformance test spec. Bearer modification		No	WG T1	BMWPN-TEST																			
207	1367	VHE enhancements	NA	Yes	WG SA1	VHE1																			
208	1368	Detailed definition of the VHE user prof	Rel5	No	WG SA2	VHE1-USERP																			
209	1373	Stage 1		No	WG SA1	VHE1-USERP																			
210	1404	Stage 2		No	WG SA2	VHE1-USERP																			
211	2123	Enhanced UserProfileManagement		No	WG CN5	VHE1-USERP																			
212	2104	Extensions to existing (and possibly new)	Rel5	Yes	WG SA2	VHE1-TLKT1																			
213	2105	Stage 1		No	WG SA1	VHE1-TLKT1																			
214	2106	Stage 2		No	WG SA2	VHE1-TLKT1																			
215	2107	Stage 3 (wait for stage 2)		No		VHE1-TLKT1																			
216	2108	Interaction between toolkits to enable I	Rel5	Yes	WG SA2	VHE1-IMS																			
217	2109	Stage 1		No	WG SA1	VHE1-IMS																			
218	2110	Stage 2		No	WG SA2	VHE1-IMS																			
219	2111	Stage 3 (wait for stage 2)		No		VHE1-IMS																			
220	2112	Transparent roaming for services	Rel5	Yes	WG SA2	VHE1-RMG																			
221	2113	Stage 1		No	WG SA1	VHE1-RMG																			
222	2114	Stage 2		No	WG SA2	VHE1-RMG																			
223	2115	Stage 3 (wait for stage 2)		No		VHE1-RMG																			
224	1637	OSA enhancements	NA	Yes	WG SA1	OSA1																			
225	2120	General Stage 2		No	WG SA2	OSA1																			
226	1424	Interactions OSA - e-commerce	Rel4	No	WG SA2	OSA1-ECOM																			
227	1425	Stage 1		No	WG SA1	OSA1-ECOM																			
228	1529	Stages 2 and 3		No	WG CN5	OSA1-ECOM																			
229	1429	OSA APIs for MuMa CC	Rel5	No	WG SA2	OSA1-CSCF																			
230	1430	Stage 1		No	WG SA1	OSA1-CSCF																			
231	1530	Stages 2 and 3		No	WG CN5	OSA1-CSCF																			
232	1419	OSA security (!)	Rel5	No	WG SA3	OSA1-SEC																			

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							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
233	2121	Stage 1		No	WG SA1	OSA1-SEC																			
234	1420	Stage 2		No	WG SA2	OSA1-SEC																			
235	1421	Stage 3		No	WG SA3	OSA1-SEC																			
236	1422	security related SCF(s) definition		No	WG CN5	OSA1-SEC																			
237	1423	(possibly) changes required from supporting pl		No	WG SA3	OSA1-SEC																			
238	1621	impact on terminal		No	WG T2	OSA1-SEC																			
239	1433	Retrieval of Terminal capabilities	Rel5	No	WG SA2	OSA1-TC																			
240	1434	Stage 1		No	WG SA1	OSA1-TC																			
241	1436	Stages 2 and 3		No	WG CN5	OSA1-TC																			
242	2122	Provisioning of the terminal capabilities		No	WG T2	OSA1-TC																			
243	1786	LCS - OSA interfaces (!)		No	WG SA1	OSA1-LCSI																			
244	1787	Stage 1		No	WG SA1	OSA1-LCSI																			
245	2124	Stage 2		No	WG SA2	OSA1-LCSI																			
246	1788	Stage 3		No	WG CN5	OSA1-LCSI																			
247	2116	(copy) Charging and OAM&P (!)		No	WG SA5	OSA1-OAM																			
248	1638	CAMEL phase 4	Rel5	No	WG SA1	CAMEL4																			
249	1461	Service requirements		No	WG SA1	CAMEL4																			
250	2011	Charging notification to the CSE		No	WG CN2	CAMEL4-CNCNE																			
251	2012	Call Party Handling		No	WG CN2	CAMEL4-CPH																			
252	2013	Mid call procedure for MO and MT calls		No	WG CN2	CAMEL4-MCP																			
253	2014	Interactions with Optimal Routing		No	WG CN2	CAMEL4-IOR																			
254	2015	Inclusion of flexible tone injection		No	WG CN2	CAMEL4-IFTI																			
255	2016	CSE control over MT SMS		No	WG CN2	CAMEL4-CCSMS																			
256	2017	CAMEL applicability to media streams I		No	WG CN2	CAMEL4-ONSTRM																			
257	1445	MExE enhancements	NA	Yes	WG T2	MEXE1																			
258	1447	MExE Security	Rel4	No	WG SA3	MEXE1-SEC																			
259	2045	Stage 3		No	WG SA3	MEXE1-SEC																			
260	1448	Terminal aspects		No	WG T2																				
261	1810	MExE Rel4 Improvements and Investiga	Rel4	No	WG T2	MEXE1-ENHANC																			

ID	Unique ID	Name	Release	Splittable	Resource No	Acronym	, 2000		Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2	
							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
262	1812	3rd MExE classmark		No	WG T2																				
263	1814	FS on Secure download mechanism and capat		No	WG T2																				
264	1815	FS on Support of MP3/MPEG4 content		No	WG T2																				
265	1816	FS on Support of (U)SAT/OSA/CAMEL interact		No	WG T2																				
266	1813	FS on AT command support		No	WG T2																				
267	1811	Support of the Terminal parts of the VHE /User		No	WG T2																				
268	1625	Wideband Telephony Service - AMR (I	Rel4	No	WG SA4	AMRWB																			
269	62	Specification		No	WG SA4	AMRWB																			
270	1459	Design Constraints		No	WG SA4	AMRWB																			
271	1460	General Description		No	WG SA4	AMRWB																			
272	1626	Feasibility Study		No	WG SA4	AMRWB																			
273	67	Codec issues		No	WG SA4	AMRWB																			
274	1627	Codec qualification		No	WG SA4	AMRWB																			
275	74	Codec selection tests		No	WG SA4	AMRWB																			
276	891	Codec selection		No	WG SA4	AMRWB																			
277	890	Other codec issues (verif., characterisator		No	WG SA4	AMRWB																			
278	1989	Start Testing		No		AMRWB																			
279	1855	Conformance tests (CRs to 34 series)		No	WG T1	AMRWB																			
280	76	Terminal Acoustic Characteristics		No	WG SA4	AMRWB																			
281	1628	Definition		No	WG SA4	AMRWB																			
282	1629	Test specification		No	WG SA4	AMRWB																			
283	889	Implementation		No	WG SA4	AMRWB																			
284	893	In UTRAN		No	TSG RAN	AMRWB																			
285	80	In GERAN		No	TSG GERAN	AMRWB																			
286	1656	In CN, see notes		No	WG CN1	AMRWB																			
287	1541	Transcoder-Free Operation	Rel4	No	WG CN4	TrFO																			
288	112	OoBTC solution		No	WG CN4	TRFO-OOBTC																			
289	1512	implementation in UTRAN		No	WG RAN3	TRFO-OOBTC																			
290	896	Impact on architecture, Principles and Terminol		No	WG SA2	TRFO-OOBTC																			

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							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
291	1657	Codec Negotiation between UE and MSC		No	WG CN1	TRFO-OOBTC																				
292	115	Codec Negotiation inter MSC		No	WG CN4	TRFO-OOBTC																				
293	894	Bearer establishment inter MSC		No	WG CN4	TRFO-OOBTC																				
294	767	(TB Confirmed) Bearer establishment between I		No	WG RAN3	TRFO-OOBTC																				
295	897	(TB Confirmed) Notification of the Codec mode		No	WG RAN3	TRFO-OOBTC																				
296	1617	Prevention of user fraud		No	WG SA3	TRFO-OOBTC																				
297	905	Speech Transcoder: Location and Cont		No	WG SA2	TRFO-STLC																				
298	124	Transcoder at Edge		No	TSG CN	TRFO-STLC																				
299	2205	IWF at the Edge (CN border)		No	WG CN3	TRFO-STLC																				
300	1631	Tandem Free aspects for 3G and betwe	Rel4	No	WG SA4	TFO																				
301	1632	Tandem Free AMR		No	WG SA4	TFO-AMR																				
302	130	Specification		No	WG SA4	TFO-AMR																				
303	907	Implementation		No	TSG CN	TFO-AMR																				
304	131	in CN		No	TSG CN	TFO-AMR																				
305	908	in UTRAN		No	TSG RAN	TFO-AMR																				
306	132	in GERAN		No	TSG GERAN	TFO-AMR																				
307	1818	Multimedia Messaging	Rel4	No	WG T2	MMS																				
308	136	Definition of service requirements		No	WG SA1	MMS																				
309	1819	Review of definition of service requiren		No	WG T2																					
310	1820	Technical Realisation		No	WG T2																					
311	1532	Definition of reference Achitecture model (Mart		No	WG SA2	MMS																				
312	1821	Review of definition of reference Achitecture n		No	WG T2																					
313	1822	"Fulfill Requirements of Stage 1"		No	WG T2																					
314	1823	Definition of MMS primitives in Stage 2		No	WG T2																					
315	1826	Terminal interfaces	NA	Yes	WG T2	TI																				
316	1827	AT commands enhancements	Rel4	No	WG T2	TI-ATC																				
317	1828	Specification of AT commands for new service		No	WG T2																					
318	917	Alternatives to AT commands (TBD)		No	WG T2																					
319	1858	UE Conformance test spec. AT command		No	WG T1	TI-ATC																				

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							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
320	1859	EMMI Specification (see note)		No	WG RAN2	TI-ATC																			
321	1829	Wide Area Data Synchronisation	Rel5	No	WG T2	TI-WADS																			
322	1830	Continues evolution of Synchronisation protoc		No	WG T2	TI-SYNC-EVOL																			
323	1831	vObjects and Other Constructs for Use in Data		No	WG T2	TI-SYNC-VOBJ																			
324	1860	UE Conformance test spec. Wide area data sy		No	WG T1	TI-WADS																			
325	1832	Terminal local model	Rel4	No	WG T2	TLM																			
326	1536	Location Services enhancements	NA	Yes	WG SA2	LCS1																			
327	1171	Event based and Periodic LCS	Rel5	No	WG SA1	LCS1-EBP																			
328	1641	Stage 1		No	WG SA1	LCS1-EBP																			
329	1538	Stage 2 specification		No	WG SA2	LCS1-EBP																			
330	1179	Impact on MAP		No	WG CN4	LCS1-EBP																			
331	519	(copy) Charging and OAM&P (!)		No	WG SA5	LCS1-OAM																			
332	521	New security aspects of LCS (not identi		No	WG SA3	LCS1-SEC																			
333	523	LCS support in the CS domain	Rel4	No	WG SA2	LCS1-CS																			
334	525	LCS support in the PS domain	Rel4	No	WG SA2	LCS1-PS																			
335	1642	Stage 1		No	WG SA1	LCS1-PS																			
336	1181	Stage 2		No	WG SA2	LCS1-PS																			
337	1180	Stage 3		No	WG CN1	LCS1-PS																			
338	526	Layer 3 LCS signaling UE (MS) -SGSN (UM		No	WG CN1	LCS1-PS																			
339	527	GTP signaling for LCS		No	WG CN4	LCS1-PS																			
340	544	LCS interoperation stage 2 aspects		No	WG SA2																				
341	2229	CBS interactions	Rel4	No	WG T2	LCS1-CBS																			
342	1916	MExE interactions	Rel4	No	WG T2	LCS1-MEXE																			
343	1600	UE positioning	Rel4	No	TSG RAN	LCS1-UEpos																			
344	1601	lub/lur interfaces for methods Rel 99		No	WG RAN3	LCS1-UEpos-lublur																			
345	1602	UE positioning enhancements		No	WG RAN2	LCS1-UEpos-enh																			
346	1603	(Copy) UTRA repeater specification		No	WG RAN4																				
347	1796	(Copy) LCS application interfaces (LCS-		No	WG SA1																				
348	1183	FS on LCS support in the IM CN subsyst		No	WG SA1																				

ID	Unique ID	Name	Release	Splittable	Resource Name	Acronym	, 2000		Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002	
							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
349	2125	Open LCS interfaces in UMTS and GERAN	Rel5	No	WG SA2	LCS-INTF																			
350	2127	Stage 2		No	WG SA2																				
351	2126	Stage 3		No																					
352	1542	Ensure reliable QoS for PS domain (Mapping)	Rel4	No	WG SA2	QoSSPS																			
353	1543	stage 2 for End-to-end QoS (re)negotiation		No	WG SA2	QoSSPS																			
354	1658	stage 3 for End-to-end QoS (re)negotiation		No	WG CN1	QoSSPS																			
355	1545	GMM and SM aspects		No	WG CN1	QoSSPS																			
356	1546	GTP aspects		No	WG CN4	QoSSPS																			
357	1547	Mapping of end to end QoS parameters		No	WG SA2	QoSSPS-MAPEND																			
358	1548	Impacts on N4 documents		No	WG CN4																				
359	1549	Impacts on N3 documents		No	WG CN3																				
360	1681	RAB Quality of Service (re)Negotiation over UTRAN		No	WG RAN3	QoSSPS-MAPEND-R																			
361	1991	RAB Quality of Service Negotiation over UTRAN		No	WG RAN3	QoSSPS-MAPEND-R																			
362	1992	RAB Quality of Service Re-Negotiation over UTRAN		No	WG RAN3	QoSSPS-MAPEND-R																			
363	1685	PS-domain handover for real-time services		No	WG RAN3	QoSSPS-PSdoRTS																			
364	1550	Interactions between external mechanisms		No	WG CN3																				
365	1551	Possible new code points in QoS IE for PS		No	WG CN1	QoSSPS-ENDEND-CPI																			
366	1659	Possible new code points in QoS IE for CS		No	WG CN1	QoSSPS-ENDEND-CPI																			
367	1660	Mapping between the QoS UMTS point-to-point and CS		No	WG CN1	QoSSPS-ENDEND-CPI																			
368	1552	(Copy) Charging Management		No	WG SA5	QoSSPS-OAMCH																			
369	1624	Security aspects		No	WG SA3																				
370	1619	Application aspects, multi-mode aspect		No	WG T2																				
371	1553	GERAN QoS Aspects		No	TSG GERAN																				
372	1554	Evolution of maximum SDU size		No	WG SA2	QoSSPS-MAXSDU																			
373	1555	Impacts on CN protocols (e.g., GTP, MAP)		No	WG CN4																				
374	1556	Impact on interworking over GTP e.g. PPP		No	WG CN3																				
375	1611	Admission control function triggers		No	WG RAN3	QoSSPS-AdmC																			
376	1557	QoS for CS services at HOs (inter-MS)	Rel4	No	WG SA2	QoSSCS																			
377	1558	UTRAN aspects		No	WG RAN2																				

ID	Unique ID	Name	Release	Splittable	Resource Name	Acronym	, 2000		Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002	
							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
378	1559	GERAN aspects		No	TSG GERAN																				
379	1560	UICC/(U)SIM enhancements and interworking	NA	Yes	WG T3	UICC1																			
380	1798	FS on UICC/ME Performance Enhancements		No	WG T3																				
381	1562	UICC/USIM database specification	Rel4	No	WG T3	UICC1-DataB																			
382	1799	Common PCN Handset Specification (Common PCN)	Rel4	No	WG T3	UICC1-CPHS																			
383	1564	report on SIM/USIM Interworking		No	WG T3																				
384	1800	(U)SIM toolkit enhancements	NA	Yes	WG T3	USAT1																			
385	1566	Enhancements to (U)SIM toolkit security	Rel4	No	WG T3	USAT1-SM																			
386	1801	Protocol Standardisation of a SIM Toolkit	Rel4	No	WG T3																				
387	2034	USAT local link	Rel4	No	WG T3	USAT1-LocLnk																			
388	1802	UICC API	NA	Yes	WG T3	USAT1-API																			
389	2029	Java API	Rel4	No	WG T3	USAT1-API-JAVA																			
390	1803	Test specification		No	WG T3																				
391	2031	Multos API	Rel5	No	WG T3	USAT1-API-MULTOS																			
392	2032	Specification		No	WG T3	USAT1-API-MULTOS																			
393	2033	Test specification		No	WG T3	USAT1-API-MULTOS																			
394	2100	USIM Toolkit security		No	WG SA3	USAT1-API-MULTOS																			
395	1571	Security enhancements	NA	No	WG SA3	SEC1																			
396	2099	UE triggered authentication during connection	Rel4	No	WG SA3	SEC1-UETADC																			
397	1587	Evolution of GSM CS algorithms (e.g. A5)	Rel4	No	WG SA3	SEC1-CSALGO1																			
398	1588	Evolution of GSM PS algorithms (e.g. GPRS)	Rel4	No	WG SA3	SEC1-PSALGO1																			
399	1589	Main aspects		No	WG SA3	SEC1-PSALGO1																			
400	1618	Impact on GTP		No	WG CN4	SEC1-PSALGO1																			
401	1661	GEA capability indication in MS CM		No	WG CN1	SEC1-PSALGO1-GEA																			
402	1572	Protection for user plane data	Rel5	Yes	WG SA3	SEC1-PUPD																			
403	1573	Integrity protection in access network		No	WG SA3	SEC1-PUPD																			
404	1575	Network based end-to-end security		No	WG SA3	SEC1-PUPD																			
405	1576	Network domain security		Yes	WG SA3	SEC1-NDS																			
406	1577	Control plane protection in core network (e.g., C	Rel5	No	WG SA3	SEC1-NDS																			

ID	Unique ID	Name	Release	Splittable	Resource No	Acronym	, 2000		Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002	
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407	1578	Main aspects		No	WG SA3	SEC1-NDS																			
408	1579	Integration of GTP signalling security arch		No	WG CN4	SEC1-NDS																			
409	1580	User plane protection in core network (e.g., pro	Rel5	No	WG SA3	SEC1-NDS																			
410	1581	Main aspects		No	WG SA3	SEC1-NDS																			
411	1582	Integration of GTP signalling security arch		No	WG CN4	SEC1-NDS																			
412	2098	Study of network-based denial of service		No	WG SA3	SEC1-NDS																			
413	1583	MAP application layer security	Rel4	No	WG SA3	SEC1-MAPAL																			
414	1584	Main aspects		No	WG SA3	SEC1-MAPAL																			
415	2025	Other stage 3 aspects		No	WG CN4	SEC1-MAPAL																			
416	1586	Key management for core network sec		No	WG SA3	SEC1-KMCN																			
417	1594	Visibility and Configurability of security	Rel4	No	WG SA3	SEC1-VCS																			
418	1595	FIGS	Rel5	No	WG SA3	SEC1-FIGS																			
419	1612	General security issues	?	No	WG SA3																				
420	2026	Enhanced HE control of security (includ	?	No	WG SA3																				
421	2027	Stage 2		No	WG SA3																				
422	2028	FS on Network impacts		No	WG CN4																				
423	1861	Miscellaneous UE Conformance Testin	NA	Yes	WG T1	MISTST1																			
424	1862	Optimisation of Test Time, RF Aspects (No	WG T1	MISTST1																			
425	1863	Optimisation of Test Time, RF Aspects (No	WG T1	MISTST1																			
426	1907	Extensions to R99 Test cases		No	WG T1	MISTST1																			
427	1908	Review all other work items for impact (No	WG T1	MISTST1																			
428	1909	Additional signalling tests to cover VHE		No	WG T1	MISTST1																			
429	1365	Support of Push Services	Rel5	No	WG SA2	PUSH																			
430	1142	Charging and OAM&P (Master)	Rel4	No	WG SA5	OAM																			
431	2089	Principles, high level Requirements and		No	WG SA5	OAM-AR/PR																			
432	2088	Performance Management (PM) (Master		No	WG SA5	OAM-PM																			
433	2081	Fault Management (FM) (Master)		No	WG SA5	OAM-FM																			
434	2082	Configuration Management (CM) (Maste		No	WG SA5	OAM-CM																			
435	2242	Charging Management for all-IP UMTS i		No	WG SA5	OAM-CH/IP																			






ID	Unique ID	Name	Release	Splittable	Resource Name	Acronym	, 2000		Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002	
							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
436	2083	Charging Management (CH) (Master)		No	WG SA5	OAM-CH																			
437	1924	GERAN definition	NA	Yes	TSG GERAN	GERAN																			
438	1927	GERAN/UTRAN interface evolution 1 (P)	NA	Yes	TSG GERAN	GERAN-PS																			
439	1929	Evolution of Iu ps	Rel5	No	WG GERAN2	GERAN-PS																			
440	1930	Identification of GERAN requirements on Iu		No	WG GERAN2	GERAN-PS																			
441	1932	Update of specifications		No	WG GERAN2	GERAN-PS																			
442	2193	GERAN/UTRAN interface evolution 2 (C)	NA	Yes	TSG GERAN	GERAN-CS																			
443	1933	Evolution of Iu cs	Rel5	No	WG GERAN2	GERAN-CS																			
444	1934	Identification of GERAN requirements on Iu		No	WG GERAN2	GERAN-CS																			
445	1935	Update of specifications		No	WG GERAN2	GERAN-CS																			
446	2185	Evolution of A interface	Rel5	No	TSG GERAN	GERAN-CS																			
447	2186	Evolved Transport network for the A Inter		No	WG GERAN2	GERAN-CS																			
448	1987	Low chip rate TDD interworking with Gb	Rel4	No	WG GERAN1	GERAN-TDD																			
449	1939	Gb over IP	Rel4	No	WG GERAN2																				
450	1940	Enhance cell reselections	Rel4	No	WG GERAN2	GERAN_Celres																			
451	1941	GERAN radio interface evolution	Rel5	No	TSG GERAN	GERAN-IFEVOL																			
452	1942	Stage 2		No	TSG GERAN	GERAN-IFEVOL																			
453	2192	Protocols		No	WG GERAN2	GERAN-IFEVOL																			
454	2191	Physical layer		No	WG GERAN1	GERAN-IFEVOL																			
455	1943	GERAN Header adaptation definition		No	WG GERAN2	GERAN-IFEVOL																			
456	1945	MuMa control signalling for conversational serv		No	WG GERAN2	GERAN-IFEVOL																			
457	1946	GERAN user / control plane		No	TSG GERAN	GERAN-IFEVOL																			
458	1983	PDCP protocol design		No	WG GERAN2	GERAN-IFEVOL																			
459	1986	RLC / MAC Specification		No	WG GERAN2	GERAN-IFEVOL																			
460	1947	GERAN RR		No	WG GERAN2	GERAN-IFEVOL																			
461	1985	Physical layer		No	WG GERAN1	GERAN-IFEVOL																			
462	1948	Iu rg interface		No	WG GERAN2	GERAN-IFEVOL																			
463	1949	Voice over GERAN PS and CS concept		No	WG GERAN2	GERAN-IFEVOL																			
464	1950	GERAN Narrowband speech realization		No	WG GERAN1	GERAN-IFEVOL																			


ID	Unique ID	Name	Release	Splittable	Resource Name	Acronym	, 2000		Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002						
							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb					
465	1951	GERAN security		No	WG SA3	GERAN-IFEVOL																								
466	1981	Requirements for ciphering and integrity		No	WG SA3	GERAN-IFEVOL																								
467	1980	Modification of UTRAN specs to be valid a		No	WG SA3	GERAN-IFEVOL																								
468	1979	Additional stage 3 work for GERAN		No	WG GERAN2	GERAN-IFEVOL																								
469	2060	Start Testing		No		GERAN-IFEVOL																								
470	1952	GERAN MS Conformance test for GERAN inter		No	WG GERAN4	GERAN-IFEVOL																								
471	1953	GERAN BTS Conformance test for GERAN inte		No	WG GERAN3	GERAN-IFEVOL																								
472	1954	700 MHz spectrum support	Rel4	No	TSG GERAN	GERAN-700																								
473	1955	GERAN support for the 700 MHz band		No	WG GERAN1	GERAN-700																								
474	2207	GERAN support for the 700 MHz band- Stage 3		No	WG CN1	GERAN-700																								
475	2203	Start Testing		No		GERAN-700																								
476	1956	GERAN MS Conformance test for 700 MHz band		No	TSG GERAN	GERAN-700																								
477	1958	GERAN BTS Conformance test for GERAN inte		No	TSG GERAN	GERAN-700																								
478	1959	Real Time QoS for PS including VoIP	Rel5	No	TSG GERAN	GERAN-QoS																								
479	1960	HOs: maintenance of real-time QoS while movi		No	WG GERAN2	GERAN-QoS																								
480	1961	Wideband telephony services	Rel5	No	TSG GERAN	GERAN-WBAMR																								
481	1963	Support of WB AMR in GERAN		No	TSG GERAN	GERAN-WBAMR																								
482	2204	Start Testing		No		GERAN-WBAMR																								
483	1965	GERAN MS Conformance test for WB AMR		No	TSG GERAN	GERAN-WBAMR																								
484	1966	GERAN BTS Conformance test for WB AMR		No	TSG GERAN	GERAN-WBAMR																								
485	2159	Location service using GERAN	NA	Yes	TSG GERAN	GERAN-LCS																								
486	2160	LCS interoperability aspects to GERAN		No	TSG GERAN	GERAN-LCS																								
487	2161	LCS for GERAN in A/Gb Mode	Rel4	No	WG GERAN2	GERAN-LCS																								
488	2162	GERAN LCS stage 2 (first release)		No	WG GERAN2	GERAN-LCS																								
489	2163	Gb interface support for LCS		No	WG GERAN2	GERAN-LCS																								
490	2164	A interface changes for LCS		No	WG GERAN2	GERAN-LCS																								
491	2165	Broadcast of LCS data on packet channel		No	WG GERAN2	GERAN-LCS																								
492	2166	RLC/MAC protocol support for LCS		No	WG GERAN2	GERAN-LCS																								
493	2167	L3 protocol support for LCS		No	WG GERAN2	GERAN-LCS																								

ID	Unique ID	Name	Release	Splittable	Resource Name	Acronym	, 2000		Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002	
							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
494	2168	Timing Advance based positioning on packet		No	WG GERAN2	GERAN-LCS																			
495	2169	Class A and DTM MS impact (i.e. Air-interf		No	WG GERAN2	GERAN-LCS																			
496	2170	Updates to existing protocols (RRLP, LLP, S		No	WG GERAN2	GERAN-LCS																			
497	2171	Ciphering of LCS in GPRS		No	WG GERAN2	GERAN-LCS																			
498	2172	Lb interface support for LCS in GPRS		No	WG GERAN2	GERAN-LCS																			
499	2173	Miscellaneous impacts from the new LCS		No	WG GERAN2	GERAN-LCS																			
500	2174	LCS for GERAN in Iu Mode	Rel5	No	WG GERAN2	GERAN-LCS																			
501	2175	GERAN LCS stage 2 (second release)		No	WG GERAN2	GERAN-LCS																			
502	2176	Iu-PS interface support for LCS		No	WG GERAN2	GERAN-LCS																			
503	2177	Iu-CS interface support for LCS		No	WG GERAN2	GERAN-LCS																			
504	2178	Iur-g interface support for LCS		No	WG GERAN2	GERAN-LCS																			
505	2179	RRC protocol support for LCS		No	WG GERAN2	GERAN-LCS																			
506	2180	Additional impacts on Broadcast of LCS d		No	WG GERAN2	GERAN-LCS																			
507	2181	Miscellaneous impacts from the new LCS		No	WG GERAN2	GERAN-LCS																			
508	2183	Start testing		No		GERAN-LCS																			
509	2182	GERAN MS Conformance test for LCS		No	WG GERAN4	GERAN-LCS																			
510	2184	GERAN BTS Conformance test for LCS		No	WG GERAN3	GERAN-LCS																			
511	2062	Subscription Management	Rel4	No	WG SA5	SM																			
512	2071	UTRAN Operations and Maintenance p	Rel4	No	WG SA5	UOAM																			
513	1993	small Technical Enhancements and Im	Rel4	No	Generic	TE4																			
514	2230	Advanced Speech Call Items	Rel4	No	WG CN1	ASCI																			
515	2232	Stage 2		Yes	WG CN4	ASCI																			
516	2231	Stages 2 and 3 on A interface		Yes	WG CN1	ASCI																			
517	2243	Intra Domain Connection of RAN Node	Rel5	No	WG SA2	MULCN																			
518	2244	Overall System Architecture		No	WG SA2	MULCN																			
519	2245	RAN work		No	WG RAN3	MULCN																			
520	2246	GERAN work		No	WG GERAN2	MULCN																			
521	2247	CN work		No	WG CN1	MULCN																			
522	2248	N1 work		No	WG CN1	MULCN																			

ID	Unique ID	Name	Release	Splittable	Resource No	Acronym	, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002	
							Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
523	2249	N4 work		No	WG CN4	MULCN																	

Project: 3GPP_Work Plan
Date: Wed 13/12/00

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	Splittable	Resource Name	Acronym	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001				
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		
6	2	Evolutions of the transport in the UTRAN	NA	Yes	TSG RAN	ETTRAN																				
7	625	IP transport in the UTRAN	Rel4	No	WG RAN3	ETTRAN-IPtrans																				
10	12	QoS optimisation for AAL2 connections	Rel4	No	WG RAN3	ETTRAN-QoSAAL2																				
11	1995	Migration to modification procedures	Rel4	No	WG RAN3	ETTRAN-MigrMod																				
24	1216	Improvements of Radio Interface	NA	Yes	TSG RAN	RInImp																				
26	1471	Base station classification	Rel4	No	WG RAN4	RInImp-BSCClass																				
31	1507	Terminal Power Saving features	Rel4	No	WG RAN1	RInImp-TPS																				
32	1509	UTRA repeater specification (master)	Rel4	No	WG RAN4	RInImp-REP																				
33	1994	DSCH power control improvement in sc	Rel4	No	WG RAN1	RInImp-DSCHsho																				
34	1996	UMTS 1800	Rel4	No	WG RAN4	RInImp-UMTS18																				
47	1222	Low Chip Rate TDD option	Rel4	No	WG RAN1	LCRTDD																				Start Testi
59	9	RAN improvements	NA	Yes	TSG RAN	RANimp																				Start Testin
60	1466	Smart antenna	Rel4	No	WG RAN1	RANimp-SmartA																				
61	656	RRM optimization for lur and lub	Rel4	No	WG RAN3	RANimp-RRMopt																				
62	655	Node B synchronisation for TDD	Rel4	No	WG RAN1	RANimp-NBsync																				
124	1539	Transparent End-to-End PS mobile str	Rel4	No	WG SA4	PSTREAM																				
125	1652	Emergency call enhancements	NA	Yes	WG CN1	EMC1																				
134	1654	For CS based calls	Rel4	No	WG CN1	EMC1-CS																				
141	1322	Enable bearer independent CS archite	Rel4	No	WG SA2	CSSPLIT																				Start Testing
156	1333	CS multimedia services	Rel4	No	WG SA2	CSM																				Start Testing
167	1340	Facsimile	Rel4	No	WG SA1	FAX																				Start Testing
176	1517	Global Text Telephony	NA	Yes	WG SA2	GTT																				
177	2240	Minimum solution	Rel4	No																						
194	1526	Bearer Modification without pre-notific	Rel4	No	WG SA1	BMWPN																				Start Test
224	1637	OSA enhancements	NA	Yes	WG SA1	OSA1																				
226	1424	Interactions OSA - e-commerce	Rel4	No	WG SA2	OSA1-ECOM																				
257	1445	MExE enhancements	NA	Yes	WG T2	MEXE1																				
258	1447	MExE Security	Rel4	No	WG SA3	MEXE1-SEC																				
261	1810	MExE Rel4 Improvements and Investiga	Rel4	No	WG T2	MEXE1-ENHANC																				

ID	Unique ID	Name	Release	Splittable	Resource Name	Acronym	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001		
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
268	1625	Wideband Telephony Service - AMR (I	Rel4	No	WG SA4	AMRWB	Start Testing																	
287	1541	Transcoder-Free Operation	Rel4	No	WG CN4	TrFO																		
300	1631	Tandem Free aspects for 3G and betw	Rel4	No	WG SA4	TFO																		
307	1818	Multimedia Messaging	Rel4	No	WG T2	MMS																		
315	1826	Terminal interfaces	NA	Yes	WG T2	TI																		
316	1827	AT commands enhancements	Rel4	No	WG T2	TI-ATC																		
325	1832	Terminal local model	Rel4	No	WG T2	TLM																		
326	1536	Location Services enhancements	NA	Yes	WG SA2	LCS1																		
333	523	LCS support in the CS domain	Rel4	No	WG SA2	LCS1-CS																		
334	525	LCS support in the PS domain	Rel4	No	WG SA2	LCS1-PS																		
341	2229	CBS interactions	Rel4	No	WG T2	LCS1-CBS																		
342	1916	MExE interactions	Rel4	No	WG T2	LCS1-MEXE																		
343	1600	UE positioning	Rel4	No	TSG RAN	LCS1-UEpos																		
352	1542	Ensure reliable QoS for PS domain (M	Rel4	No	WG SA2	QoSPS																		
376	1557	QoS for CS services at HOs (inter-MS	Rel4	No	WG SA2	QoSCS																		
379	1560	UICC/(U)SIM enhancements and inter	NA	Yes	WG T3	UICC1																		
381	1562	UICC/USIM database specification	Rel4	No	WG T3	UICC1-DataB																		
382	1799	Common PCN Handset Specification (C	Rel4	No	WG T3	UICC1-CPHS																		
384	1800	(U)SIM toolkit enhancements	NA	Yes	WG T3	USAT1																		
385	1566	Enhancements to (U)SIM toolkit secure	Rel4	No	WG T3	USAT1-SM																		
386	1801	Protocol Standardisation of a SIM Tool	Rel4	No	WG T3																			
387	2034	USAT local link	Rel4	No	WG T3	USAT1-LocLnk																		
388	1802	UICC API	NA	Yes	WG T3	USAT1-API																		
389	2029	Java API	Rel4	No	WG T3	USAT1-API-JAVA																		
395	1571	Security enhancements	NA	No	WG SA3	SEC1																		
396	2099	UE triggered authentication during con	Rel4	No	WG SA3	SEC1-UETADC																		
397	1587	Evolution of GSM CS algorithms (e.g. A	Rel4	No	WG SA3	SEC1-CSALGO1																		
398	1588	Evolution of GSM PS algorithms (e.g. G	Rel4	No	WG SA3	SEC1-PSALGO1																		
413	1583	MAP application layer security	Rel4	No	WG SA3	SEC1-MAPAL																		


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							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
417	1594	Visibility and Configurability of security	Rel4	No	WG SA3	SEC1-VCS																		
430	1142	Charging and OAM&P (Master)	Rel4	No	WG SA5	OAM																		
437	1924	GERAN definition	NA	Yes	TSG GERAN	GERAN																		
448	1987	Low chip rate TDD interworking with Gf	Rel4	No	WG GERAN1	GERAN-TDD																		
449	1939	Gb over IP	Rel4	No	WG GERAN2																			
450	1940	Enhance cell reselections	Rel4	No	WG GERAN2	GERAN_Celres																		
472	1954	700 MHz spectrum support	Rel4	No	TSG GERAN	GERAN-700																		
485	2159	Location service using GERAN	NA	Yes	TSG GERAN	GERAN-LCS																		
487	2161	LCS for GERAN in A/Gb Mode	Rel4	No	WG GERAN2	GERAN-LCS																		
511	2062	Subscription Management	Rel4	No	WG SA5	SM																		
512	2071	UTRAN Operations and Maintenance p	Rel4	No	WG SA5	UOAM																		
513	1993	small Technical Enhancements and Im	Rel4	No	Generic	TEI4																		
514	2230	Advanced Speech Call Items	Rel4	No	WG CN1	ASCI																		

Project: 3GPP_Work Plan
Date: Wed 13/12/00

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	Splittable	Resource Name	Acronym	00	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	Mar
6	2	Evolutions of the transport in the UTR/	NA	Yes	TSG RAN	ETRAN																			
8	624	RAB support enhancement - no ROHC	Rel5	No	WG RAN2	ETRAN-RABSE																			
15	4	Evolutions of the transport in the CN	NA	Yes	WG CN4	CNTRSP																			
16	859	IP Transport of CN protocols (e.g., CAP,	Rel5	No	WG CN4	IPinCN																			
24	1216	Improvements of Radio Interface	NA	Yes	TSG RAN	RInImp																			
25	1470	Improvement of inter-frequency and in	Rel5	No	WG RAN1	RInImp-IfIsM																			
29	1217	Hybrid ARQ II/III	Rel5	No	WG RAN2	RInImp-HARQ																			
30	1218	Improved usage of downlink resource in	Rel5	No	WG RAN2	RInImp-CCTrCH																			
59	9	RAN improvements	NA	Yes	TSG RAN	RANimp																			
63	1680	Header compression removal/stripping	Rel5	No	TSG RAN																				
64	1686	Unequal error protection in PS domain	Rel5	No	TSG RAN																				
70	1273	Provisioning of IP-based multimedia s	Rel5	No	WG SA1	IMS																			
125	1652	Emergency call enhancements	NA	Yes	WG CN1	EMC1																			
126	1653	For IP & PS based calls	Rel5	No	WG CN1	EMC1-PS																			
176	1517	Global Text Telephony	NA	Yes	WG SA2	GTT																			
183	2239	Improvements of GTT	Rel5	No																					
207	1367	VHE enhancements	NA	Yes	WG SA1	VHE1																			
208	1368	Detailed definition of the VHE user prof	Rel5	No	WG SA2	VHE1-USERP																			
212	2104	Extensions to existing (and possibly ne	Rel5	Yes	WG SA2	VHE1-TLKT1																			
216	2108	Interaction between toolkits to enable I	Rel5	Yes	WG SA2	VHE1-IMS																			
220	2112	Transparent roaming for services	Rel5	Yes	WG SA2	VHE1-RMG																			
224	1637	OSA enhancements	NA	Yes	WG SA1	OSA1																			
229	1429	OSA APIs for MuMa CC	Rel5	No	WG SA2	OSA1-CSCF																			
232	1419	OSA security (!)	Rel5	No	WG SA3	OSA1-SEC																			
239	1433	Retrieval of Terminal capabilities	Rel5	No	WG SA2	OSA1-TC																			
248	1638	CAMEL phase 4	Rel5	No	WG SA1	CAMEL4																			
315	1826	Terminal interfaces	NA	Yes	WG T2	TI																			
321	1829	Wide Area Data Synchronisation	Rel5	No	WG T2	TI-WADS																			
326	1536	Location Services enhancements	NA	Yes	WG SA2	LCS1																			


ID	Unique ID	Name	Release	Splittable	Resource Name	Acronym	00	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	Mar	
327	1171	Event based and Periodic LCS	Rel5	No	WG SA1	LCS1-EBP																				
349	2125	Open LCS interfaces in UMTS and GERAN	Rel5	No	WG SA2	LCS-INTF																				
384	1800	(U)SIM toolkit enhancements	NA	Yes	WG T3	USAT1																				
388	1802	UICC API	NA	Yes	WG T3	USAT1-API																				
391	2031	Multos API	Rel5	No	WG T3	USAT1-API-MULTOS																				
395	1571	Security enhancements	NA	No	WG SA3	SEC1																				
402	1572	Protection for user plane data	Rel5	Yes	WG SA3	SEC1-PUPD																				
405	1576	Network domain security		Yes	WG SA3	SEC1-NDS																				
406	1577	Control plane protection in core network (e.g., G	Rel5	No	WG SA3	SEC1-NDS																				
409	1580	User plane protection in core network (e.g., pro	Rel5	No	WG SA3	SEC1-NDS																				
418	1595	FIGS	Rel5	No	WG SA3	SEC1-FIGS																				
429	1365	Support of Push Services	Rel5	No	WG SA2	PUSH																				
437	1924	GERAN definition	NA	Yes	TSG GERAN	GERAN																				
438	1927	GERAN/UTRAN interface evolution 1 (P	NA	Yes	TSG GERAN	GERAN-PS																				
439	1929	Evolution of Iu ps	Rel5	No	WG GERAN2	GERAN-PS																				
442	2193	GERAN/UTRAN interface evolution 2 (C	NA	Yes	TSG GERAN	GERAN-CS																				
443	1933	Evolution of Iu cs	Rel5	No	WG GERAN2	GERAN-CS																				
446	2185	Evolution of A interface	Rel5	No	TSG GERAN	GERAN-CS																				
451	1941	GERAN radio interface evolution	Rel5	No	TSG GERAN	GERAN-IFEVOL																				
478	1959	Real Time QoS for PS including VoIP	Rel5	No	TSG GERAN	GERAN-QoS																				
480	1961	Wideband telephony services	Rel5	No	TSG GERAN	GERAN-WBAMR																				
485	2159	Location service using GERAN	NA	Yes	TSG GERAN	GERAN-LCS																				
500	2174	LCS for GERAN in Iu Mode	Rel5	No	WG GERAN2	GERAN-LCS																				
517	2243	Intra Domain Connection of RAN Node	Rel5	No	WG SA2	MULCN																				

Project: 3GPP_Work Plan
Date: Wed 13/12/00

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	Splittable	Resource Name	Acronym	00	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	Mar
6	2	Evolutions of the transport in the UTRAN	NA	Yes	TSG RAN	ETRAN																			
7	625	IP transport in the UTRAN	Rel4	No	WG RAN3	ETRAN-IPtrans																			
8	624	RAB support enhancement - no ROHC	Rel5	No	WG RAN2	ETRAN-RABSE																			
10	12	QoS optimisation for AAL2 connections	Rel4	No	WG RAN3	ETRAN-QoSAAL2																			
11	1995	Migration to modification procedures	Rel4	No	WG RAN3	ETRAN-MigrMod																			
15	4	Evolutions of the transport in the CN	NA	Yes	WG CN4	CNTRSP																			
16	859	IP Transport of CN protocols (e.g., CAP,	Rel5	No	WG CN4	IPinCN																			
24	1216	Improvements of Radio Interface	NA	Yes	TSG RAN	RInImp																			
25	1470	Improvement of inter-frequency and in	Rel5	No	WG RAN1	RInImp-IfIsM																			
26	1471	Base station classification	Rel4	No	WG RAN4	RInImp-BSCClass																			
29	1217	Hybrid ARQ II/III	Rel5	No	WG RAN2	RInImp-HARQ																			
30	1218	Improved usage of downlink resource in	Rel5	No	WG RAN2	RInImp-CCTrCH																			
31	1507	Terminal Power Saving features	Rel4	No	WG RAN1	RInImp-TPS																			
32	1509	UTRA repeater specification (master)	Rel4	No	WG RAN4	RInImp-REP																			
33	1994	DSCH power control improvement in sc	Rel4	No	WG RAN1	RInImp-DSCHsho																			
34	1996	UMTS 1800	Rel4	No	WG RAN4	RInImp-UMTS18																			
47	1222	Low Chip Rate TDD option	Rel4	No	WG RAN1	LCRTDD																			
59	9	RAN improvements	NA	Yes	TSG RAN	RANimp																			
60	1466	Smart antenna	Rel4	No	WG RAN1	RANimp-SmartA																			
61	656	RRM optimization for Iur and Iub	Rel4	No	WG RAN3	RANimp-RRMopt																			
62	655	Node B synchronisation for TDD	Rel4	No	WG RAN1	RANimp-NBsync																			
63	1680	Header compression removal/stripping	Rel5	No	TSG RAN																				
64	1686	Unequal error protection in PS domain	Rel5	No	TSG RAN																				
70	1273	Provisioning of IP-based multimedia s	Rel5	No	WG SA1	IMS																			
124	1539	Transparent End-to-End PS mobile str	Rel4	No	WG SA4	PSTREAM																			
125	1652	Emergency call enhancements	NA	Yes	WG CN1	EMC1																			
126	1653	For IP & PS based calls	Rel5	No	WG CN1	EMC1-PS																			
134	1654	For CS based calls	Rel4	No	WG CN1	EMC1-CS																			
141	1322	Enable bearer independent CS archite	Rel4	No	WG SA2	CSSPLIT																			

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							Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
418	1595	FIGS	Rel5	No	WG SA3	SEC1-FIGS																				
429	1365	Support of Push Services	Rel5	No	WG SA2	PUSH																				
430	1142	Charging and OAM&P (Master)	Rel4	No	WG SA5	OAM																				
437	1924	GERAN definition	NA	Yes	TSG GERAN	GERAN																				
438	1927	GERAN/UTRAN interface evolution 1 (P	NA	Yes	TSG GERAN	GERAN-PS																				
439	1929	Evolution of Iu ps	Rel5	No	WG GERAN2	GERAN-PS																				
442	2193	GERAN/UTRAN interface evolution 2 (C	NA	Yes	TSG GERAN	GERAN-CS																				
443	1933	Evolution of Iu cs	Rel5	No	WG GERAN2	GERAN-CS																				
446	2185	Evolution of A interface	Rel5	No	TSG GERAN	GERAN-CS																				
448	1987	Low chip rate TDD interworking with G	Rel4	No	WG GERAN1	GERAN-TDD																				
449	1939	Gb over IP	Rel4	No	WG GERAN2																					
450	1940	Enhance cell reselections	Rel4	No	WG GERAN2	GERAN_Celres																				
451	1941	GERAN radio interface evolution	Rel5	No	TSG GERAN	GERAN-IFEVOL																				
472	1954	700 MHz spectrum support	Rel4	No	TSG GERAN	GERAN-700																				
478	1959	Real Time QoS for PS including VoIP	Rel5	No	TSG GERAN	GERAN-QoS																				
480	1961	Wideband telephony services	Rel5	No	TSG GERAN	GERAN-WBAMR																				
485	2159	Location service using GERAN	NA	Yes	TSG GERAN	GERAN-LCS																				
487	2161	LCS for GERAN in A/Gb Mode	Rel4	No	WG GERAN2	GERAN-LCS																				
500	2174	LCS for GERAN in Iu Mode	Rel5	No	WG GERAN2	GERAN-LCS																				
511	2062	Subscription Management	Rel4	No	WG SA5	SM																				
512	2071	UTRAN Operations and Maintenance p	Rel4	No	WG SA5	UOAM																				
513	1993	small Technical Enhancements and Im	Rel4	No	Generic	TEI4																				
514	2230	Advanced Speech Call Items	Rel4	No	WG CN1	ASCI																				
517	2243	Intra Domain Connection of RAN Node	Rel5	No	WG SA2	MULCN																				

Project: 3GPP_Work Plan
Date: Wed 13/12/00

Task 
Task Progress 
Critical Task 
Critical Task Progress 
Milestone 

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Rolled Up Task 
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